

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071519\
 Data File : VN056730.D
 Acq On : 15 Jul 2019 23:01
 Operator : JC/SP
 Sample : VN0715WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0715WBSD02

Quant Time: Jul 16 04:27:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 01:25:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	334721	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	522188	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	466699	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	206047	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	185241	50.03	ug/l	0.00
Spiked Amount			Recovery	=	100.06%	
35) Dibromofluoromethane	7.59	113	162857	50.11	ug/l	0.00
Spiked Amount			Recovery	=	100.22%	
50) Toluene-d8	10.09	98	627615	50.01	ug/l	0.00
Spiked Amount			Recovery	=	100.02%	
62) 4-Bromofluorobenzene	12.40	95	210806	49.80	ug/l	0.00
Spiked Amount			Recovery	=	99.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	58487	18.609	ug/l	98
3) Chloromethane	2.06	50	77700	18.388	ug/l	99
4) Vinyl Chloride	2.18	62	78249	19.230	ug/l	100
5) Bromomethane	2.57	94	49533	20.700	ug/l	98
6) Chloroethane	2.70	64	44124	18.608	ug/l	97
7) Trichlorofluoromethane	3.01	101	100477	19.243	ug/l	96
8) Diethyl Ether	3.41	74	40177	19.736	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	60404	19.255	ug/l	99
10) Methyl Iodide	3.95	142	70196	16.730	ug/l	99
11) Tert butyl alcohol	4.80	59	58003	94.118	ug/l	100
12) 1,1-Dichloroethene	3.73	96	61256	19.467	ug/l	99
13) Acrolein	3.61	56	17441	89.993	ug/l	98
14) Allyl chloride	4.32	41	99948	18.367	ug/l	98
15) Acrylonitrile	4.99	53	174104	97.827	ug/l	99
16) Acetone	3.82	43	135682	79.523	ug/l	99
17) Carbon Disulfide	4.05	76	157831	18.981	ug/l	97
18) Methyl Acetate	4.33	43	88933	22.676	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	190753	19.026	ug/l	97
20) Methylene Chloride	4.55	84	71744	19.242	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	67312	20.238	ug/l	96
22) Diisopropyl ether	5.95	45	212874	19.819	ug/l	95
23) Vinyl Acetate	5.90	43	797681	91.647	ug/l	100
24) 1,1-Dichloroethane	5.85	63	121243	19.470	ug/l	99
25) 2-Butanone	6.84	43	224963	90.185	ug/l	99
26) 2,2-Dichloropropane	6.83	77	70066	15.604	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	77236	20.181	ug/l	97
28) Bromochloromethane	7.20	49	60559	20.683	ug/l	100
29) Tetrahydrofuran	7.21	42	158906	97.670	ug/l	99
30) Chloroform	7.37	83	119714	19.211	ug/l	99
31) Cyclohexane	7.65	56	117035	19.773	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	98703	20.028	ug/l	99
36) 1,1-Dichloropropene	7.80	75	92907	19.227	ug/l	99
37) Ethyl Acetate	6.93	43	90126	18.924	ug/l	99
38) Carbon Tetrachloride	7.78	117	85461	18.859	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071519\
 Data File : VN056730.D
 Acq On : 15 Jul 2019 23:01
 Operator : JC/SP
 Sample : VN0715WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0715WBSD02

Quant Time: Jul 16 04:27:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 01:25:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	110236	18.476	ug/l	98
40) Benzene	8.04	78	283545	19.151	ug/l	99
41) Methacrylonitrile	7.18	41	43485	20.787	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	91530	19.560	ug/l	100
43) Isopropyl Acetate	8.17	43	139830	18.676	ug/l	93
44) Trichloroethene	8.84	130	77664	19.316	ug/l	94
45) 1,2-Dichloropropane	9.12	63	75826	19.274	ug/l	95
46) Dibromomethane	9.21	93	48550	19.914	ug/l	100
47) Bromodichloromethane	9.40	83	88197	19.037	ug/l	100
48) Methyl methacrylate	9.20	41	69674	19.242	ug/l	99
49) 1,4-Dioxane	9.20	88	24981	336.236	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	460170	94.895	ug/l	100
52) Toluene	10.16	92	176907	20.119	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	89705	18.559	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	102889	18.344	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	71387	19.356	ug/l	98
56) Ethyl methacrylate	10.43	69	103094	19.428	ug/l	99
57) 1,3-Dichloropropane	10.71	76	117998	19.590	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	246043	96.420	ug/l	100
59) 2-Hexanone	10.75	43	330847	95.084	ug/l	100
60) Dibromochloromethane	10.90	129	71150	19.616	ug/l	100
61) 1,2-Dibromoethane	11.00	107	72577	19.802	ug/l	98
64) Tetrachloroethene	10.63	164	77361	19.214	ug/l	96
65) Chlorobenzene	11.43	112	184808	19.366	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	67233	19.135	ug/l	97
67) Ethyl Benzene	11.51	91	325712	19.422	ug/l	100
68) m/p-Xylenes	11.62	106	243723	38.886	ug/l	100
69) o-Xylene	11.95	106	116468	18.902	ug/l	98
70) Styrene	11.96	104	195777	19.653	ug/l	100
71) Bromoform	12.13	173	50373	18.843	ug/l #	99
73) Isopropylbenzene	12.25	105	311474	18.748	ug/l	99
74) N-amyl acetate	12.07	43	102998	16.646	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	99237	19.440	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	117397	26.050	ug/l #	100
77) Bromobenzene	12.53	156	82433	18.970	ug/l	97
78) n-propylbenzene	12.59	91	345463	18.730	ug/l	99
79) 2-Chlorotoluene	12.67	91	207346	19.337	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	263816	18.736	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	24261	16.626	ug/l	96
82) 4-Chlorotoluene	12.77	91	206024	19.034	ug/l	100
83) tert-Butylbenzene	12.99	119	222256	19.364	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	261460	19.007	ug/l	99
85) sec-Butylbenzene	13.17	105	293791	18.777	ug/l	100
86) p-Isopropyltoluene	13.29	119	267701	18.887	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	134178	18.841	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	132078	19.067	ug/l	99
89) n-Butylbenzene	13.61	91	217176	19.022	ug/l	100
90) Hexachloroethane	13.87	117	39824	17.374	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	135676	18.628	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	17004	19.087	ug/l	97

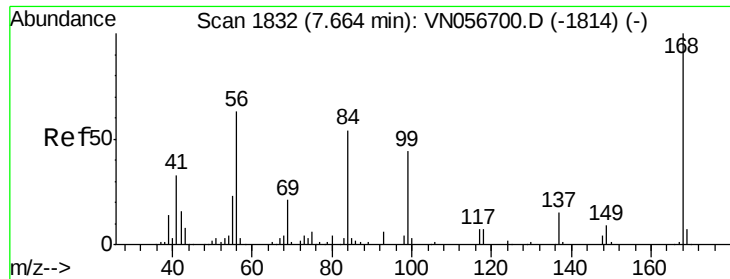
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071519\
Data File : VN056730.D
Acq On : 15 Jul 2019 23:01
Operator : JC/SP
Sample : VN0715WBSD02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0715WBSD02

Quant Time: Jul 16 04:27:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 16 01:25:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	69310	19.645	ug/l	98
94) Hexachlorobutadiene	15.01	225	46259	19.425	ug/l	99
95) Naphthalene	15.13	128	182498	19.561	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	74025	20.621	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056730.D

Acq: 15 Jul 2019 23:01

Instrument :

MSVOA_N

ClientSampleId :

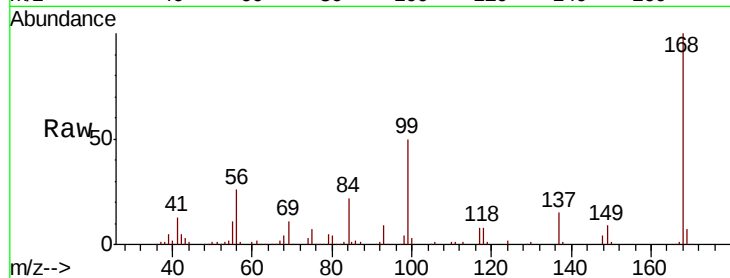
VN0715WBSD02

Tot Ion:168 Resp: 334721

Ion Ratio Lower Upper

168 100

99 49.5 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

150000

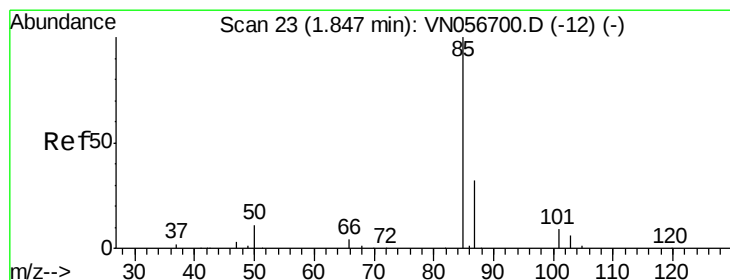
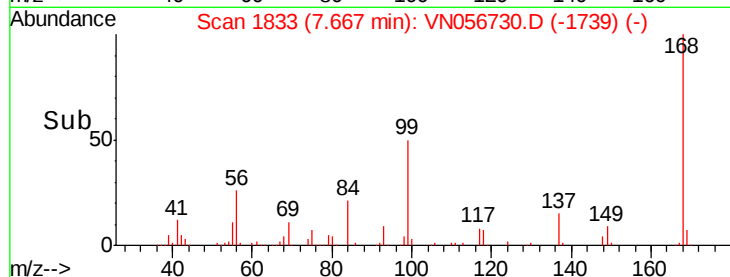
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.609 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN056730.D

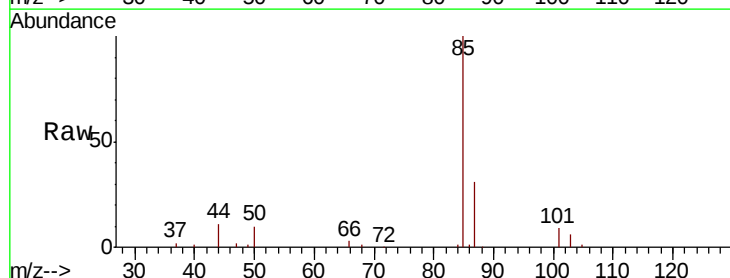
Acq: 15 Jul 2019 23:01

Tgt Ion: 85 Resp: 58487

Ion Ratio Lower Upper

85 100

87 30.6 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

40000

30000

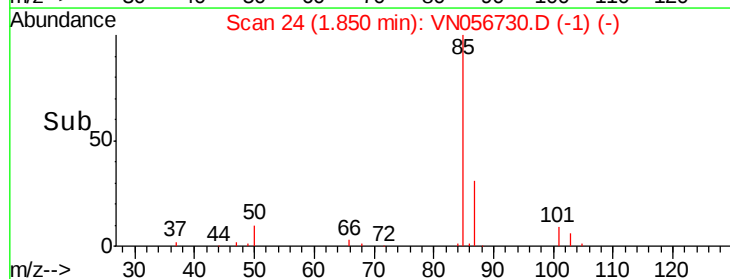
20000

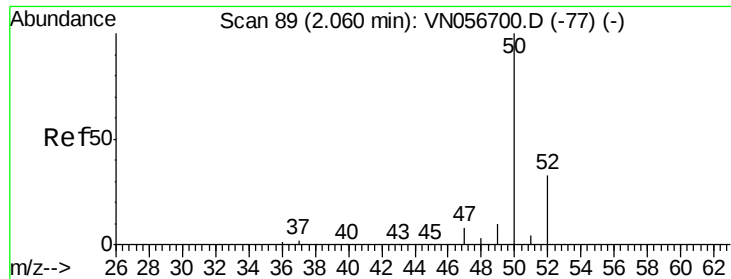
10000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 18.388 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN056730.D

Acq: 15 Jul 2019 23:01

Instrument :

MSVOA_N

ClientSampleId :

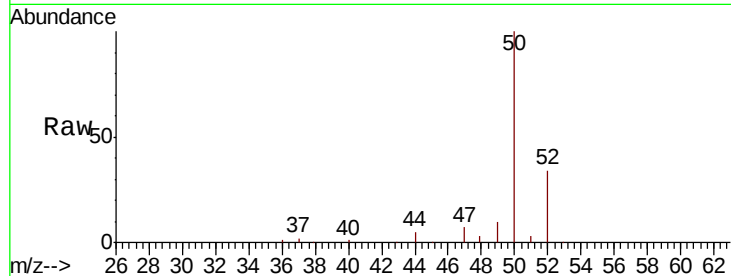
VN0715WBSD02

Tot Ion: 50 Resp: 77700

Ion Ratio Lower Upper

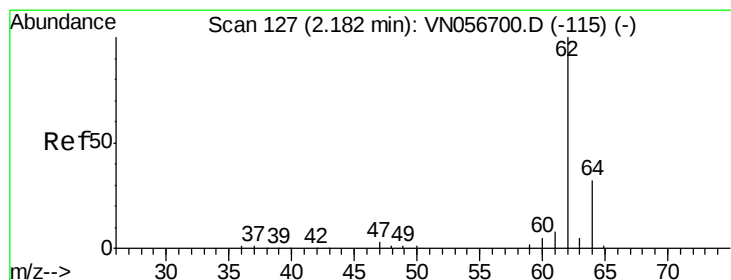
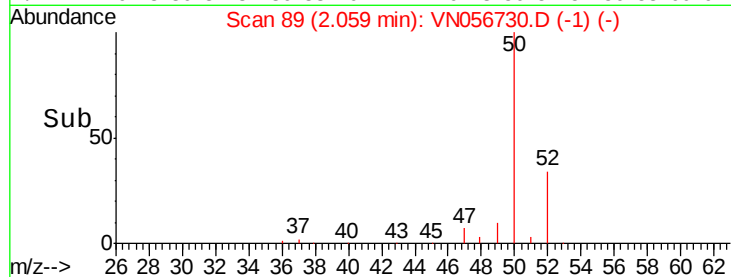
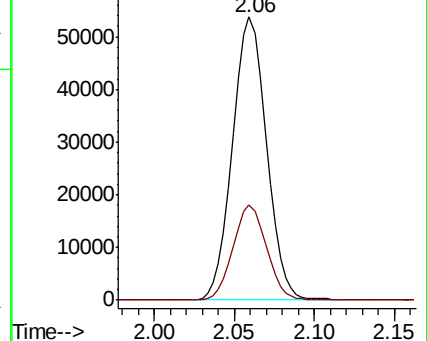
50 100

52 33.7 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 19.230 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN056730.D

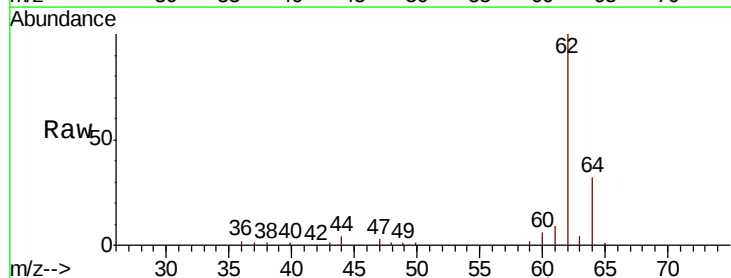
Acq: 15 Jul 2019 23:01

Tgt Ion: 62 Resp: 78249

Ion Ratio Lower Upper

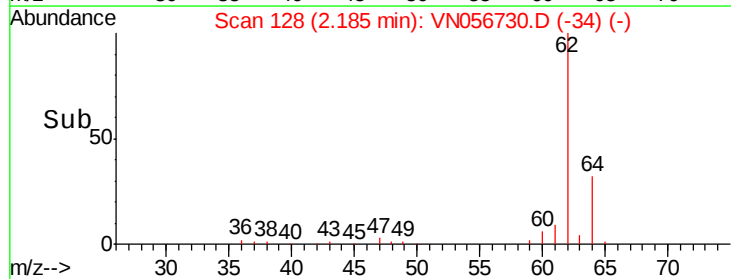
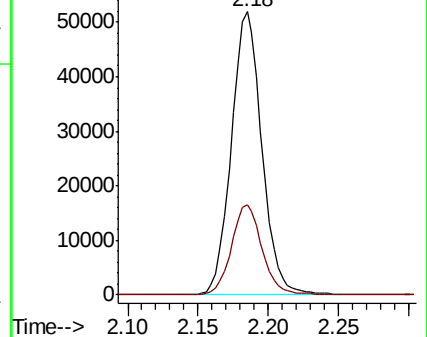
62 100

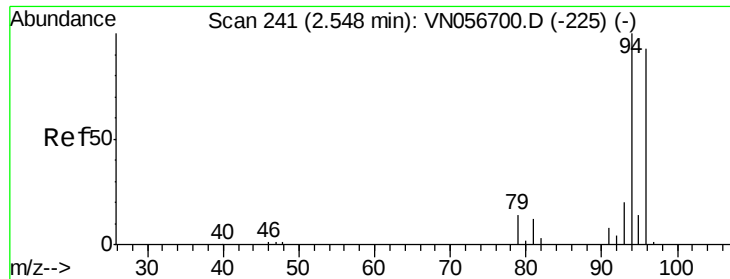
64 31.9 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

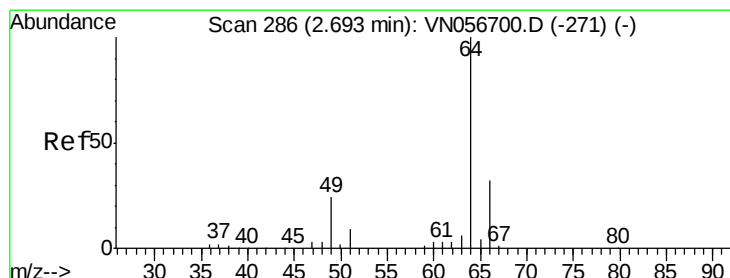
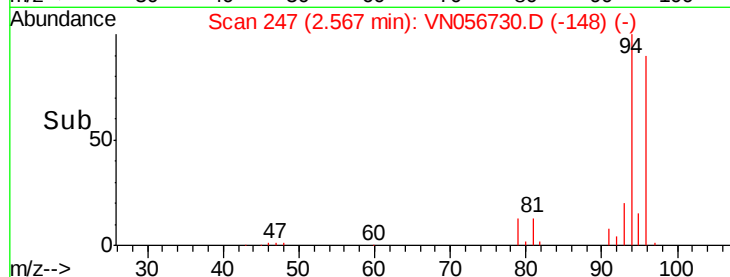
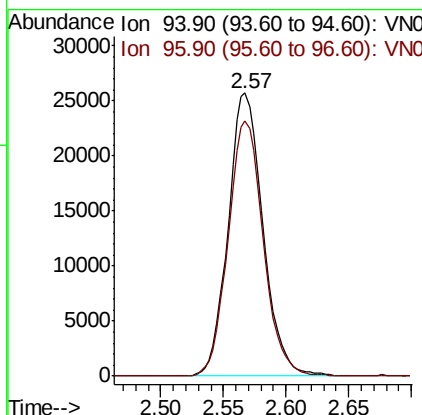
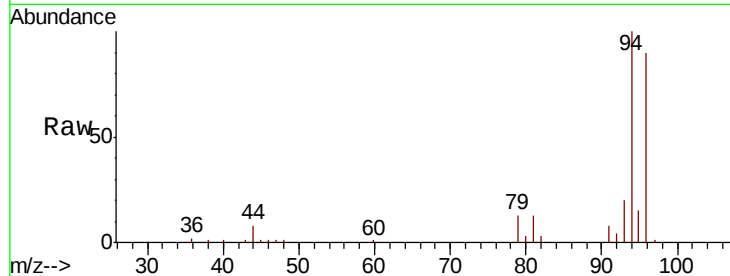




#5
Bromomethane
Concen: 20.700 ug/l
RT: 2.57 min Scan# 247
Delta R.T. 0.02 min
Lab File: VN056730.D
Acq: 15 Jul 2019 23:01

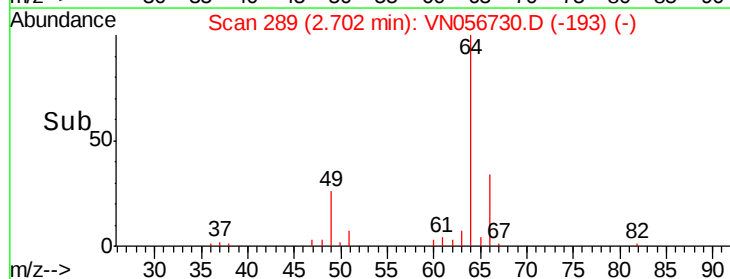
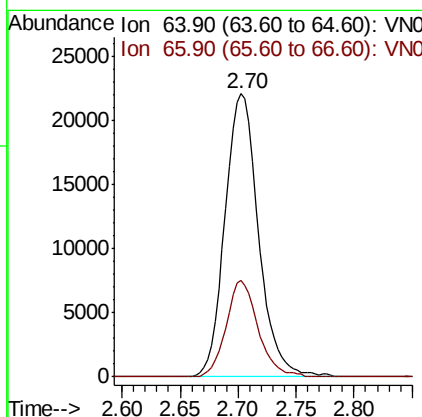
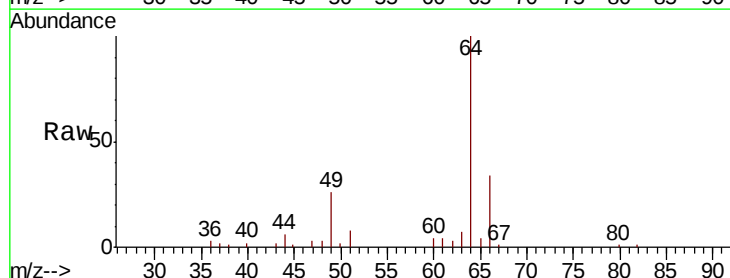
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBSD02

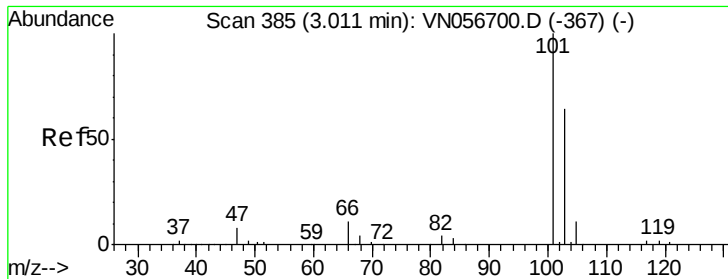
Tot Ion: 94 Resp: 49533
Ion Ratio Lower Upper
94 100
96 90.3 74.0 111.0



#6
Chloroethane
Concen: 18.608 ug/l
RT: 2.70 min Scan# 289
Delta R.T. 0.01 min
Lab File: VN056730.D
Acq: 15 Jul 2019 23:01

Tgt Ion: 64 Resp: 44124
Ion Ratio Lower Upper
64 100
66 34.0 25.8 38.8



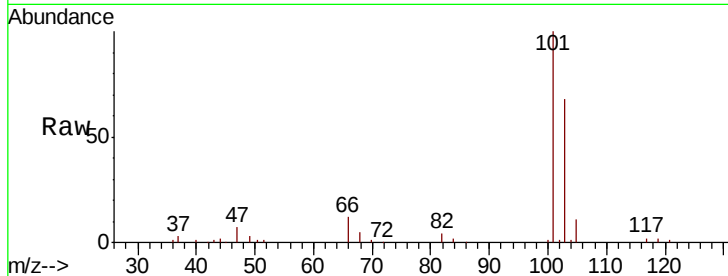


#7

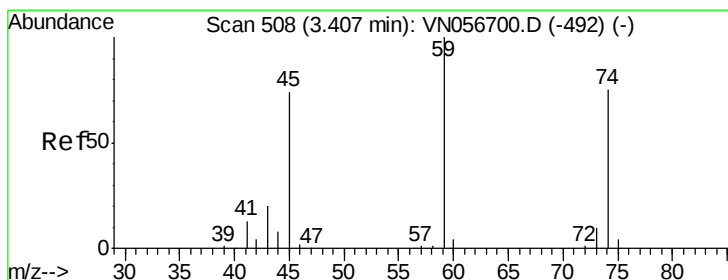
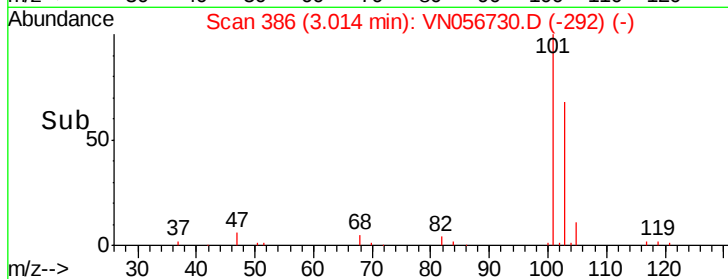
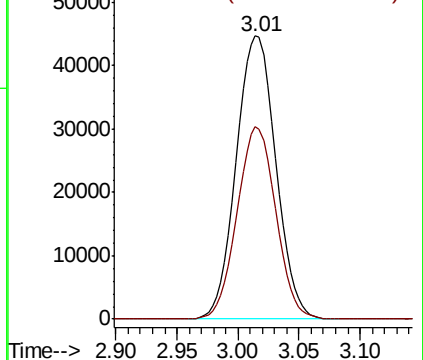
Trichlorofluoromethane
 Concen: 19.243 ug/l
 RT: 3.01 min Scan# 386
 Delta R.T. 0.00 min
 Lab File: VN056730.D
 Acq: 15 Jul 2019 23:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0715WBSD02

Tot Ion:101 Resp: 100477
 Ion Ratio Lower Upper
 101 100
 103 67.8 51.5 77.3



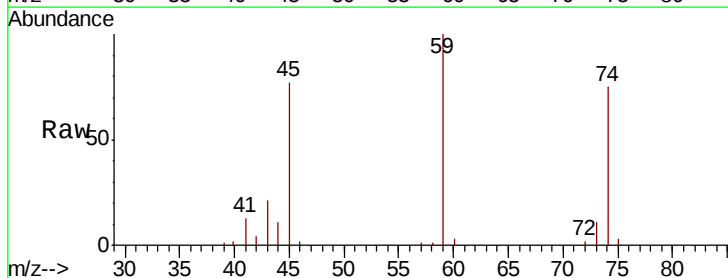
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



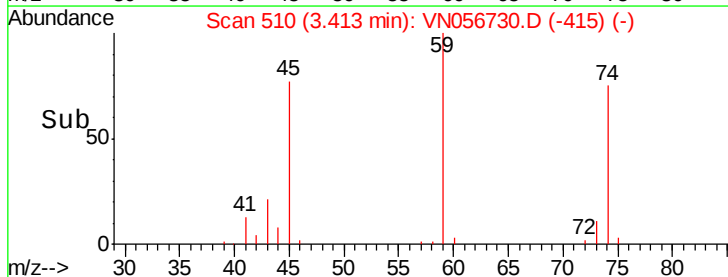
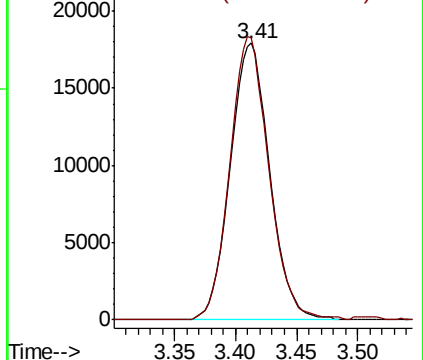
#8

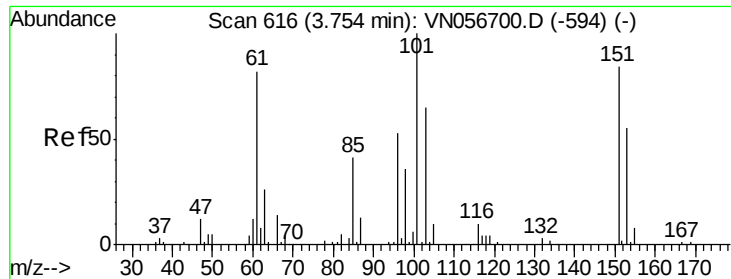
Diethyl Ether
 Concen: 19.736 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.01 min
 Lab File: VN056730.D
 Acq: 15 Jul 2019 23:01

Tgt Ion: 74 Resp: 40177
 Ion Ratio Lower Upper
 74 100
 45 101.4 49.4 148.2



Abundance Ion 74.00 (73.70 to 74.70): VNO
 Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.255 ug/l

RT: 3.76 min Scan# 617

Delta R.T. 0.00 min

Lab File: VN056730.D

Acq: 15 Jul 2019 23:01

Instrument :

MSVOA_N

ClientSampleId :

VN0715WBSD02

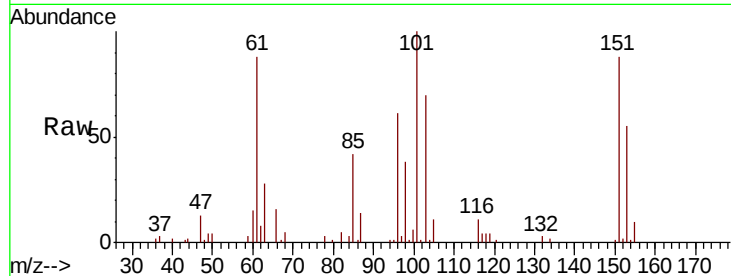
Tot Ion:101 Resp: 60404

Ion Ratio Lower Upper

101 100

85 41.4 33.3 49.9

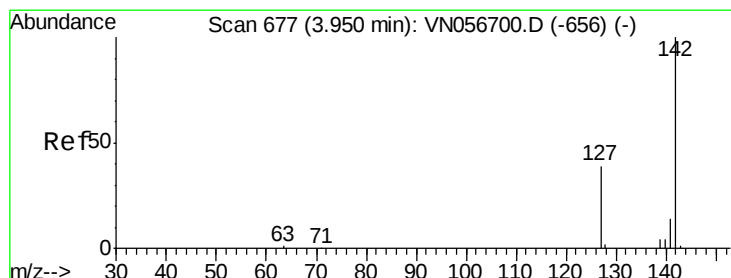
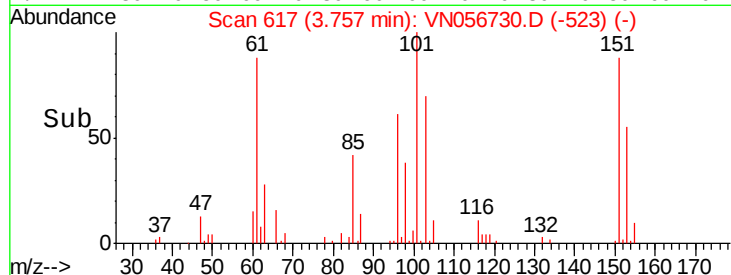
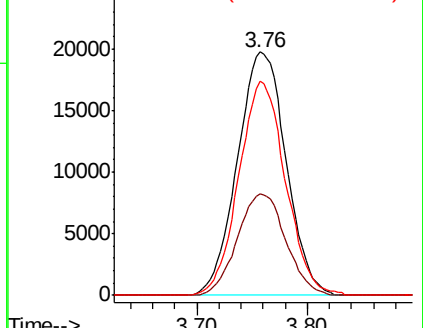
151 84.5 67.0 100.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.730 ug/l

RT: 3.95 min Scan# 678

Delta R.T. 0.00 min

Lab File: VN056730.D

Acq: 15 Jul 2019 23:01

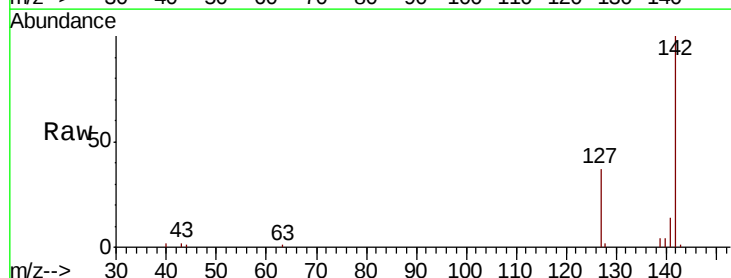
Tgt Ion:142 Resp: 70196

Ion Ratio Lower Upper

142 100

127 38.0 30.7 46.1

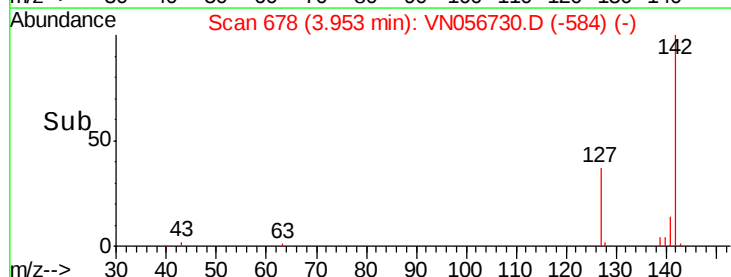
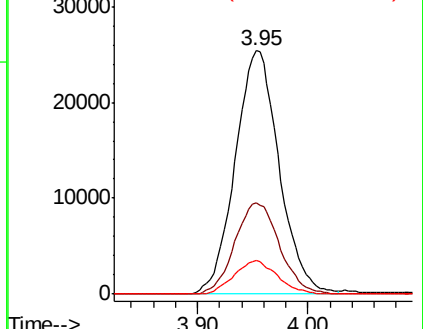
141 13.5 11.3 16.9

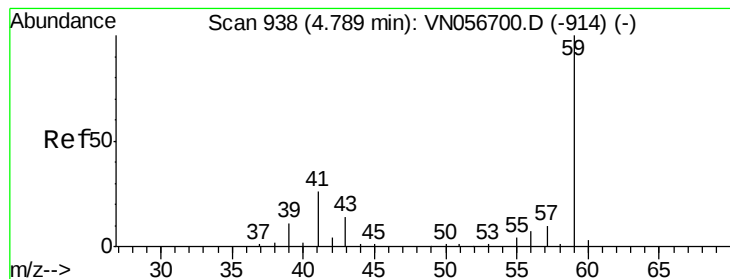


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 94.118 ug/l

RT: 4.80 min Scan# 940

Delta R.T. 0.01 min

Lab File: VN056730.D

Acq: 15 Jul 2019 23:01

Instrument :

MSVOA_N

ClientSampleId :

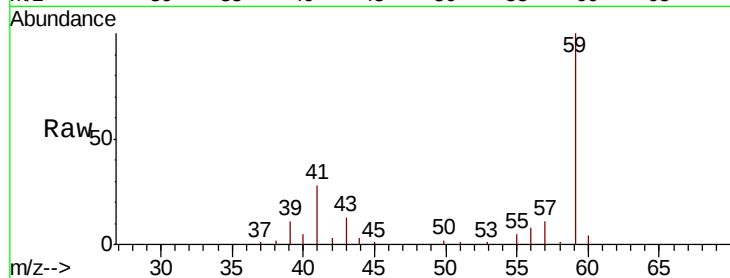
VN0715WBSD02

Tot Ion: 59 Resp: 58003

Ion Ratio Lower Upper

59 100

57 10.1 8.0 12.0



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

15000

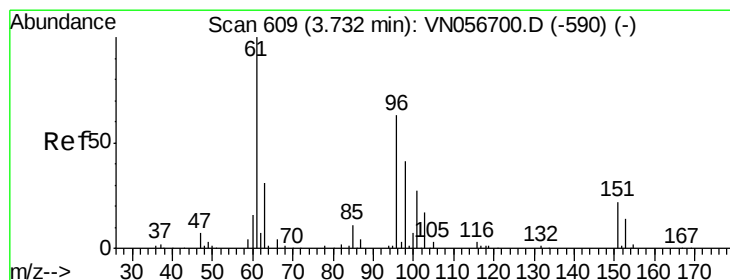
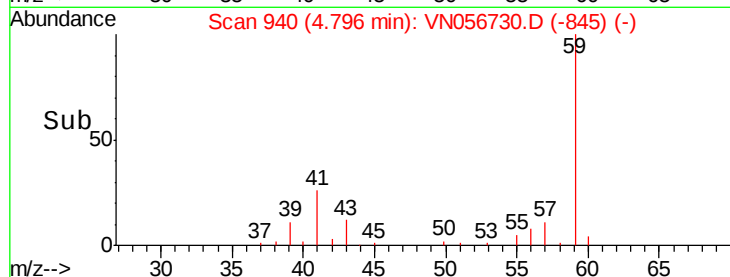
10000

5000

0

4.70 4.80 4.90

Time-->



#12

1,1-Dichloroethene

Concen: 19.467 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN056730.D

Acq: 15 Jul 2019 23:01

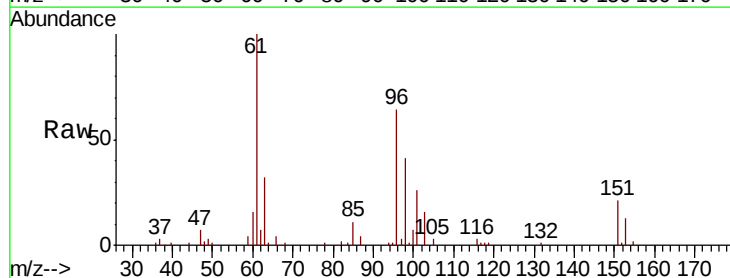
Tgt Ion: 96 Resp: 61256

Ion Ratio Lower Upper

96 100

61 157.0 126.6 189.8

98 64.3 51.4 77.2



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

50000

40000

30000

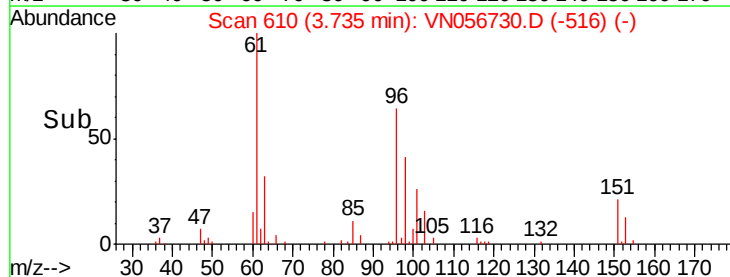
20000

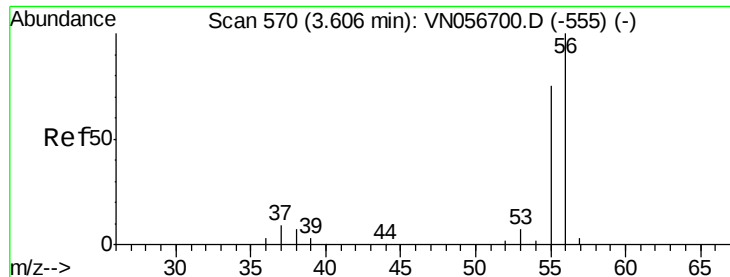
10000

0

3.65 3.70 3.75 3.80 3.85

Time-->





#13

Acrolein

Concen: 89.993 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN056730.D

Acq: 15 Jul 2019 23:01

Instrument :

MSVOA_N

ClientSampleId :

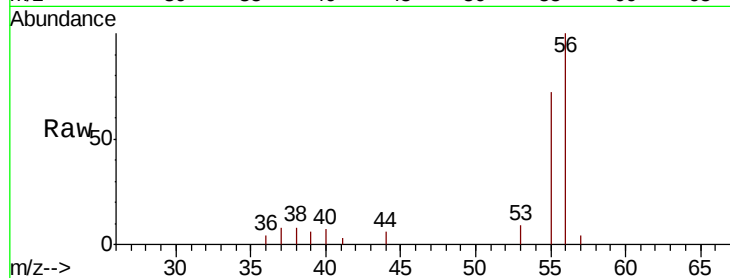
VN0715WBSD02

Tot Ion: 56 Resp: 17441

Ion Ratio Lower Upper

56 100

55 70.8 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.61

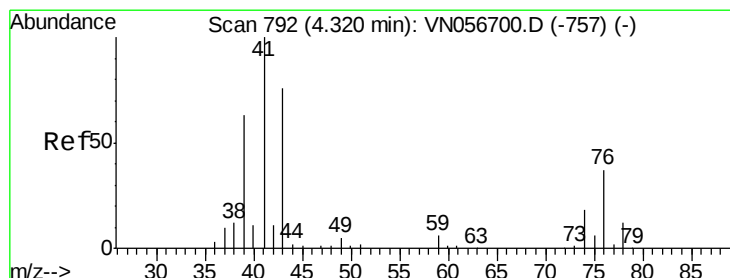
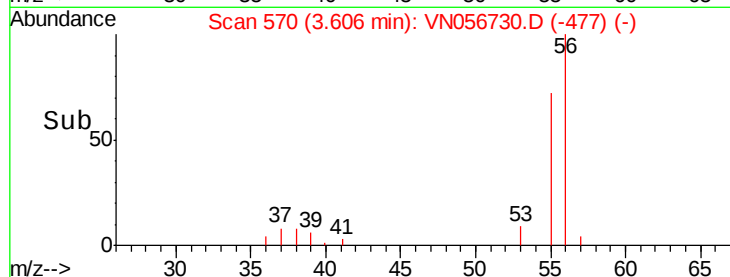
6000

4000

2000

0

Time--> 3.50 3.55 3.60 3.65 3.70



#14

Allyl chloride

Concen: 18.367 ug/l

RT: 4.32 min Scan# 793

Delta R.T. 0.00 min

Lab File: VN056730.D

Acq: 15 Jul 2019 23:01

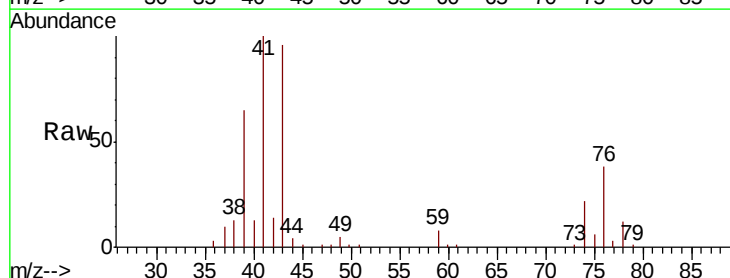
Tgt Ion: 41 Resp: 99948

Ion Ratio Lower Upper

41 100

39 60.1 46.9 70.3

76 33.9 26.5 39.7



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

4.32

40000

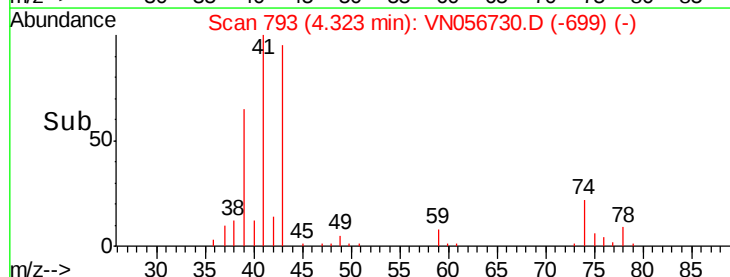
30000

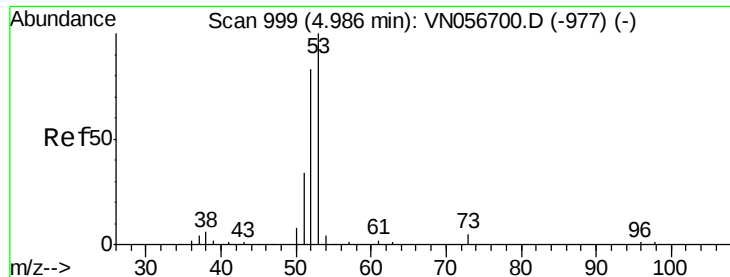
20000

10000

0

Time--> 4.20 4.30 4.40





#15

Acrylonitrile

Concen: 97.827 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN056730.D

Acq: 15 Jul 2019 23:01

Instrument :

MSVOA_N

ClientSampleId :

VN0715WBSD02

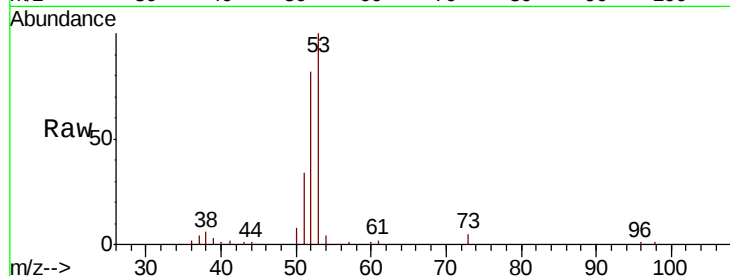
Tot Ion: 53 Resp: 174104

Ion Ratio Lower Upper

53 100

52 82.0 66.6 99.8

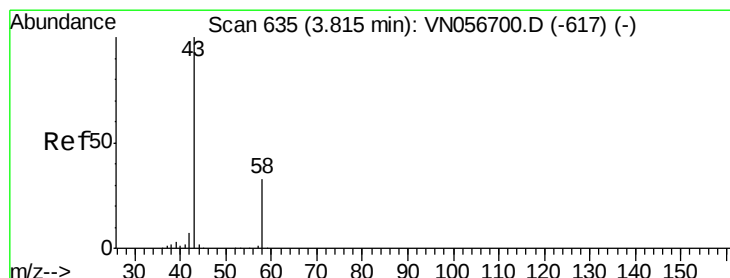
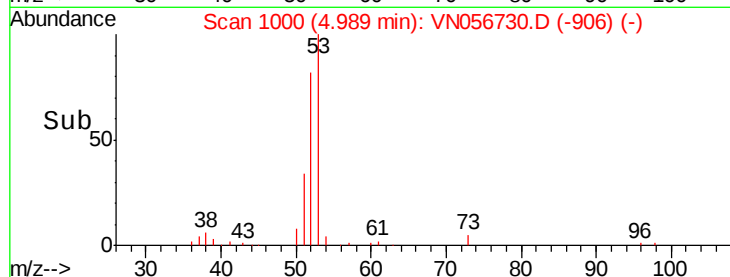
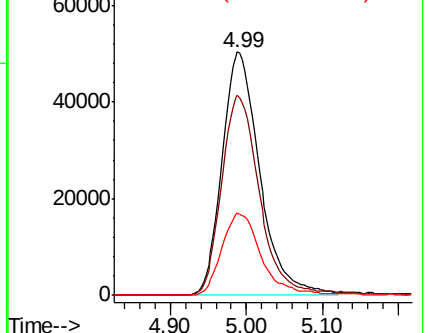
51 35.1 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 79.523 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN056730.D

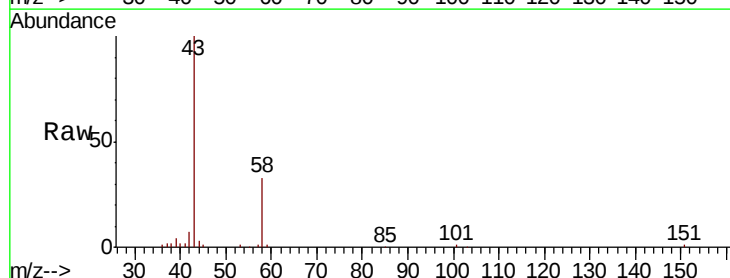
Acq: 15 Jul 2019 23:01

Tgt Ion: 43 Resp: 135682

Ion Ratio Lower Upper

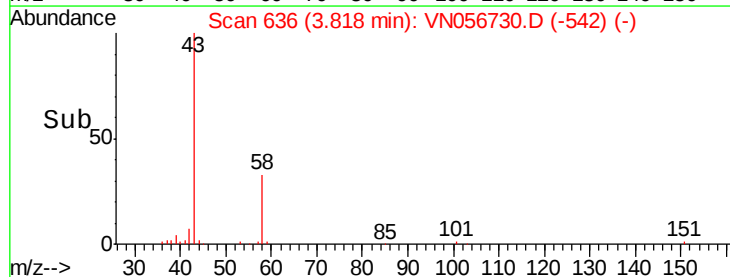
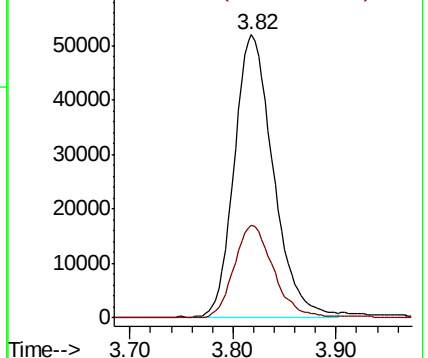
43 100

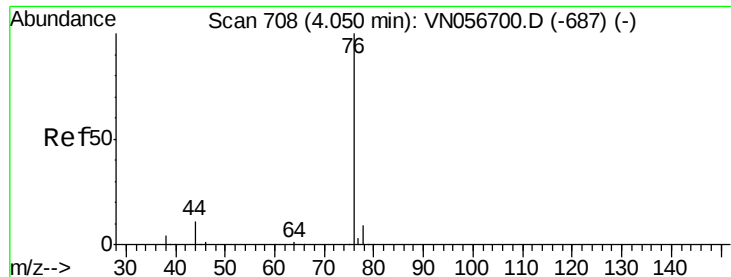
58 32.9 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 18.981 ug/l

RT: 4.05 min Scan# 709

Delta R.T. 0.00 min

Lab File: VN056730.D

Acq: 15 Jul 2019 23:01

Instrument :

MSVOA_N

ClientSampleId :

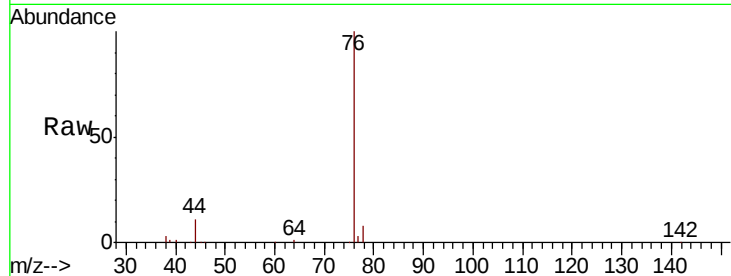
VN0715WBSD02

Tot Ion: 76 Resp: 157831

Ion Ratio Lower Upper

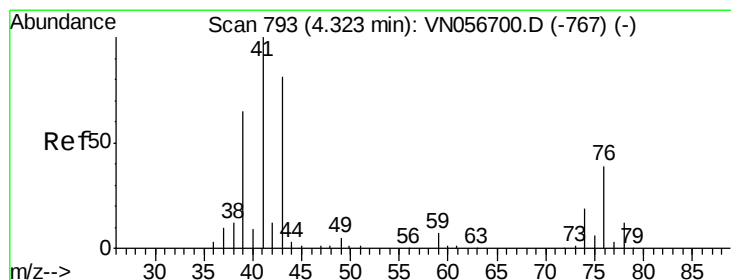
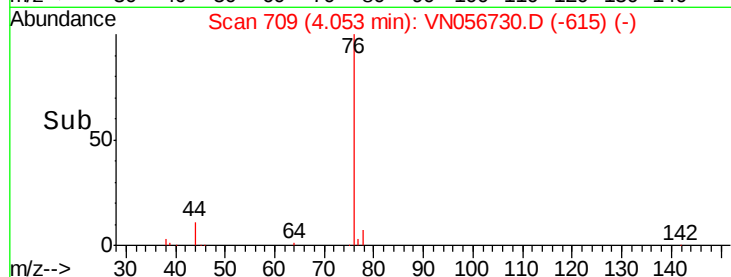
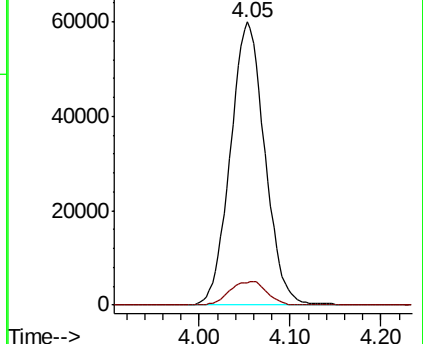
76 100

78 8.0 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VNC

Ion 77.90 (77.60 to 78.60): VNC



#18

Methyl Acetate

Concen: 22.676 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN056730.D

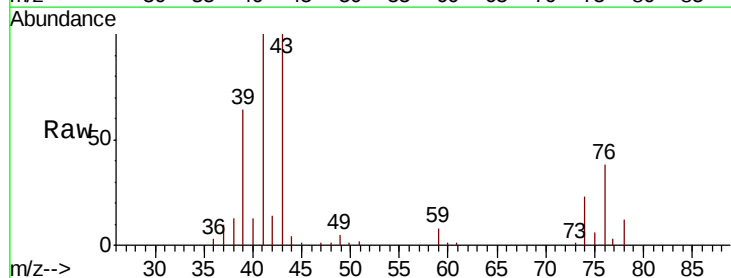
Acq: 15 Jul 2019 23:01

Tgt Ion: 43 Resp: 88933

Ion Ratio Lower Upper

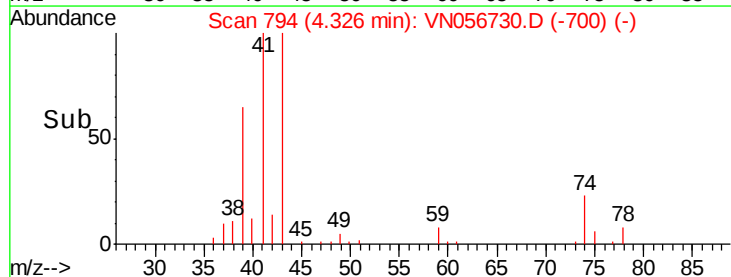
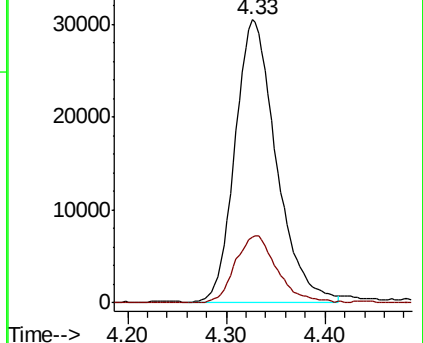
43 100

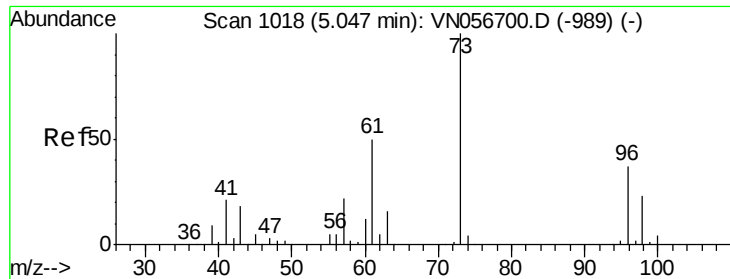
74 23.9 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 74.00 (73.70 to 74.70): VNC

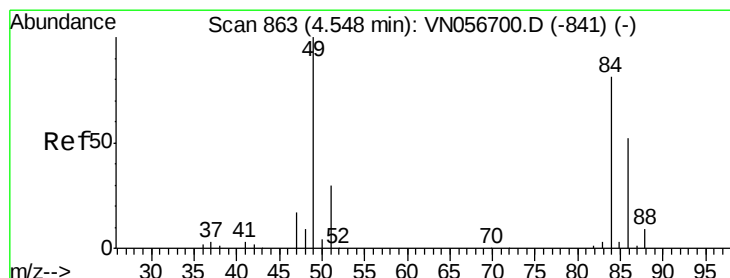
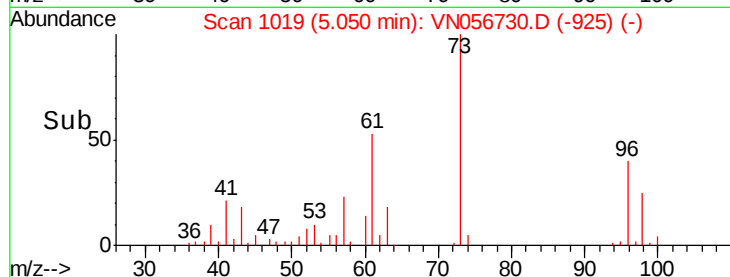
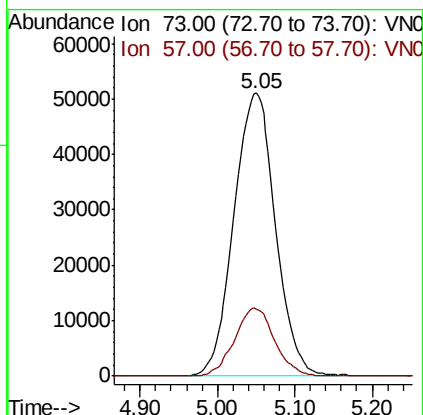
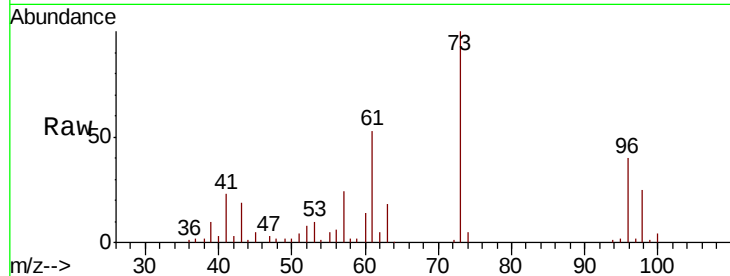




#19
Methyl tert-butyl Ether
Concen: 19.026 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN056730.D
Acq: 15 Jul 2019 23:01

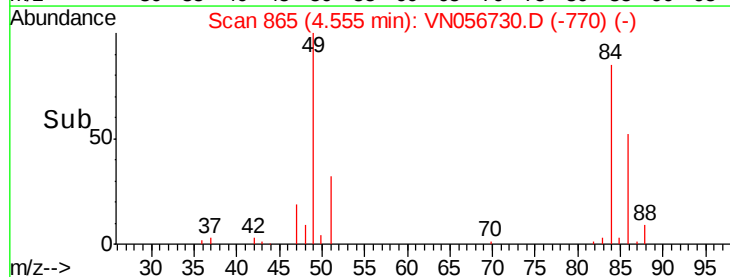
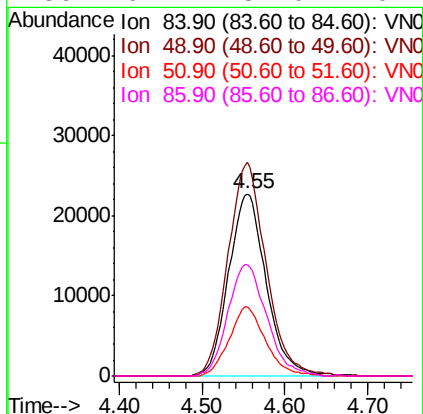
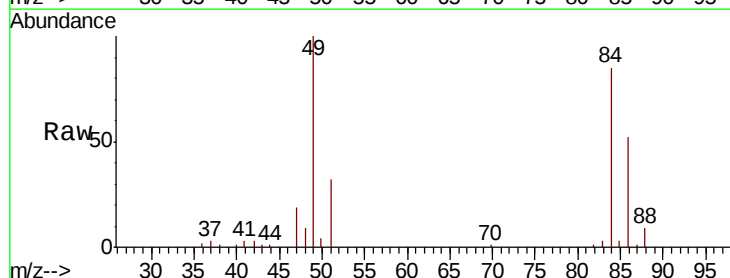
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBSD02

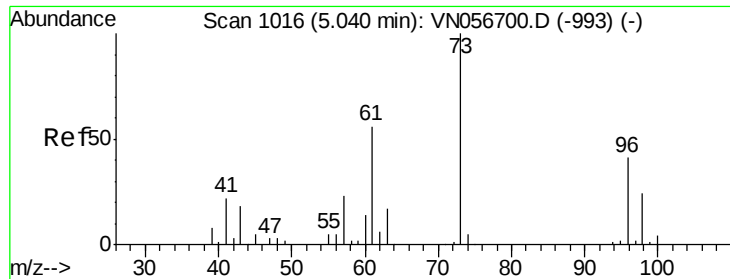
Tot Ion: 73 Resp: 190753
Ion Ratio Lower Upper
73 100
57 23.9 17.9 26.9



#20
Methylene Chloride
Concen: 19.242 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.01 min
Lab File: VN056730.D
Acq: 15 Jul 2019 23:01

Tgt Ion: 84 Resp: 71744
Ion Ratio Lower Upper
84 100
49 117.3 98.2 147.4
51 37.9 29.6 44.4
86 61.1 51.0 76.4





#21

trans-1,2-Dichloroethene

Concen: 20.238 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VN056730.D

Acq: 15 Jul 2019 23:01

Instrument :

MSVOA_N

ClientSampleId :

VN0715WBSD02

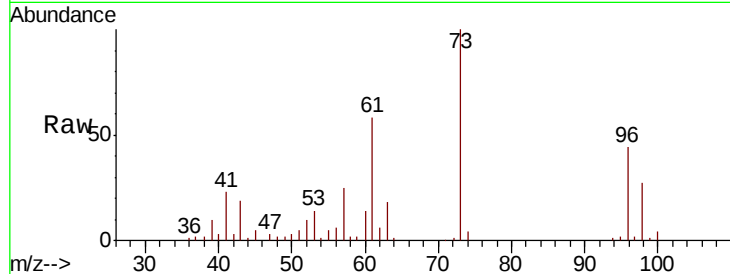
Tot Ion: 96 Resp: 67312

Ion Ratio Lower Upper

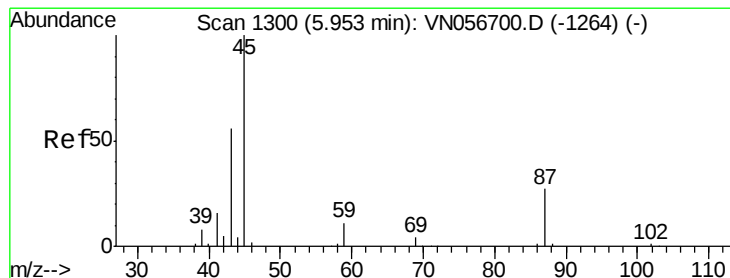
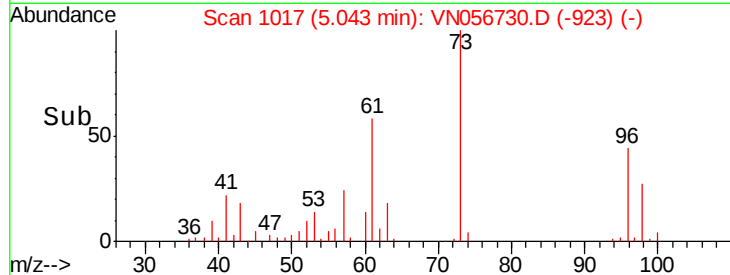
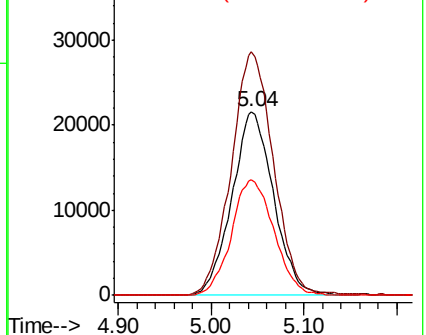
96 100

61 132.3 109.4 164.2

98 62.7 48.0 72.0



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 19.819 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. -0.00 min

Lab File: VN056730.D

Acq: 15 Jul 2019 23:01

Tgt Ion: 45 Resp: 212874

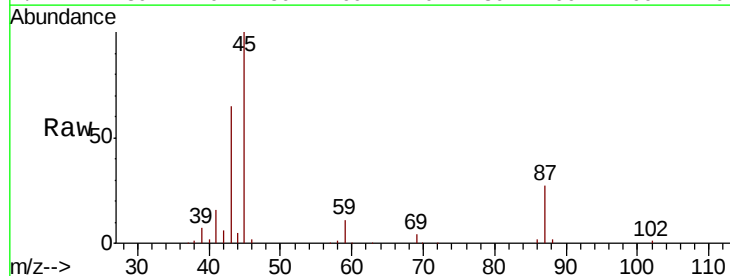
Ion Ratio Lower Upper

45 100

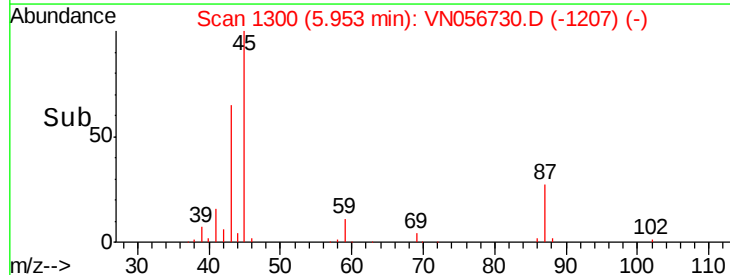
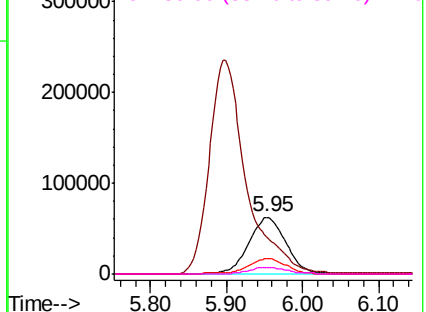
43 62.7 45.6 68.4

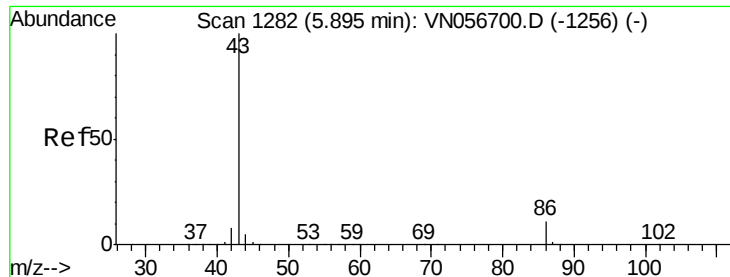
87 26.5 22.0 33.0

59 10.9 9.3 13.9



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 91.647 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN056730.D

Acq: 15 Jul 2019 23:01

Instrument :

MSVOA_N

ClientSampleID :

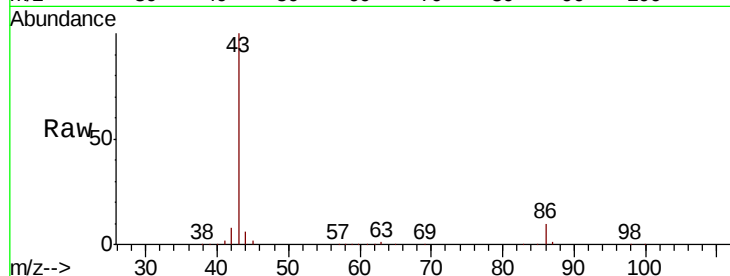
VN0715WBSD02

Tot Ion: 43 Resp: 797681

Ion Ratio Lower Upper

43 100

86 10.4 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

250000

200000

150000

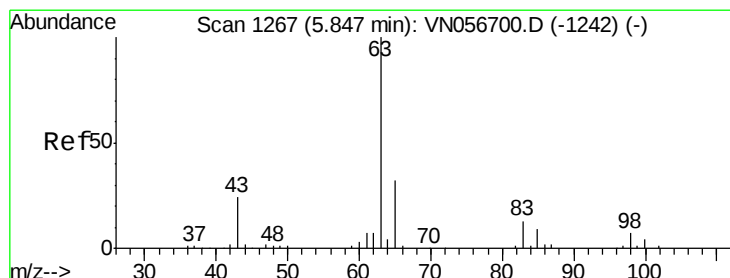
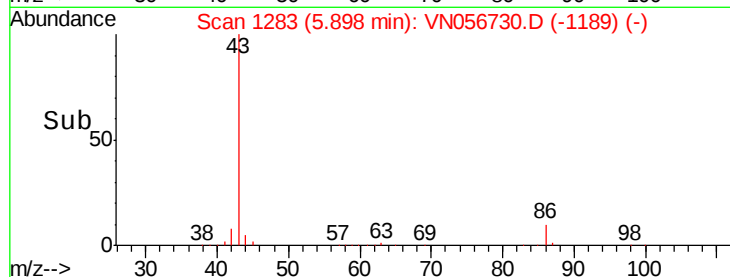
100000

50000

0

5.80 5.90 6.00 6.10

Time-->



#24

1,1-Dichloroethane

Concen: 19.470 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.01 min

Lab File: VN056730.D

Acq: 15 Jul 2019 23:01

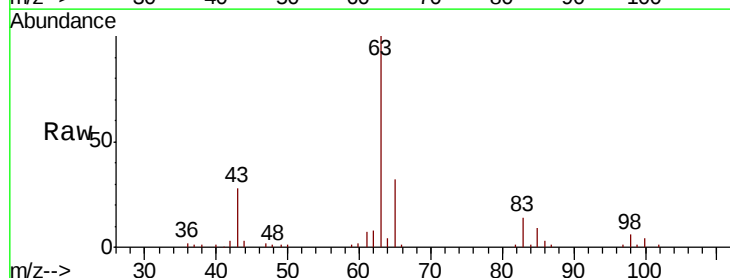
Tgt Ion: 63 Resp: 121243

Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.9

100 4.2 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

50000

40000

30000

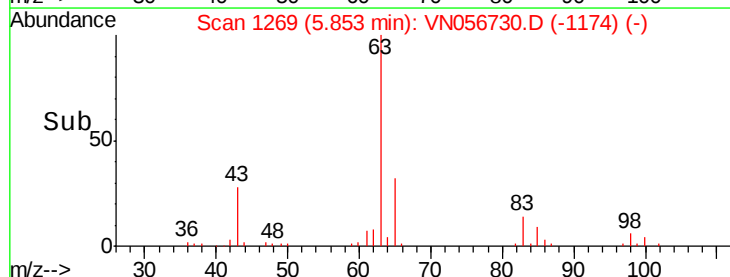
20000

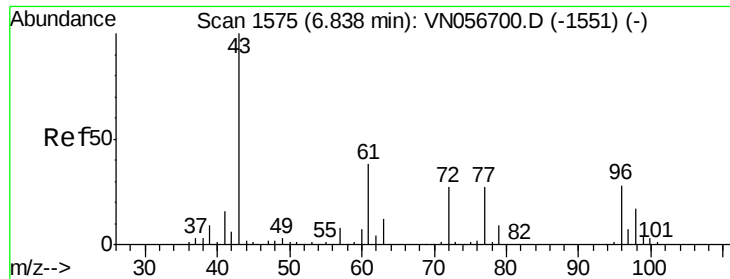
10000

0

5.70 5.80 5.90 6.00

Time-->





#25

2-Butanone

Concen: 90.185 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. -0.00 min

Lab File: VN056730.D

Acq: 15 Jul 2019 23:01

Instrument :

MSVOA_N

ClientSampleId :

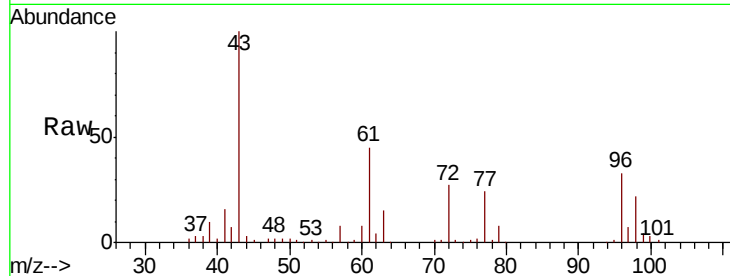
VN0715WBSD02

Tot Ion: 43 Resp: 224963

Ion Ratio Lower Upper

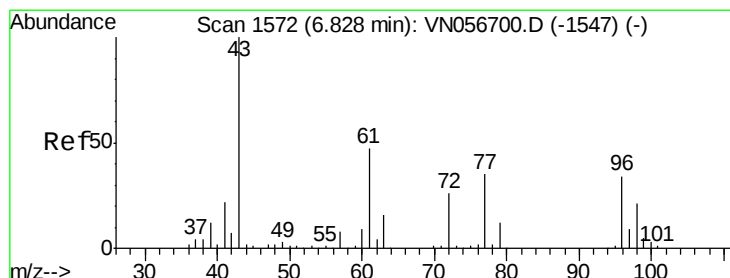
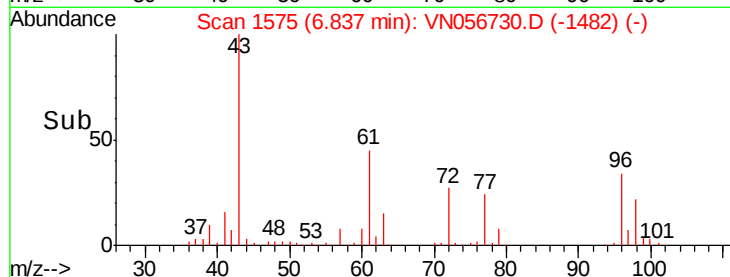
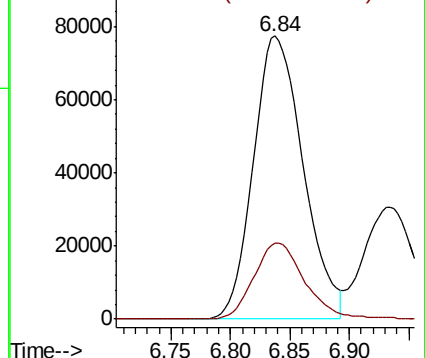
43 100

72 26.8 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 15.604 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN056730.D

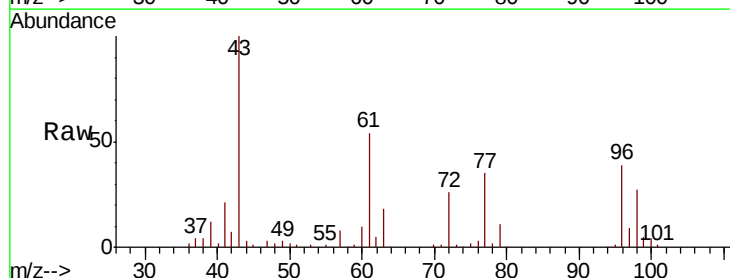
Acq: 15 Jul 2019 23:01

Tgt Ion: 77 Resp: 70066

Ion Ratio Lower Upper

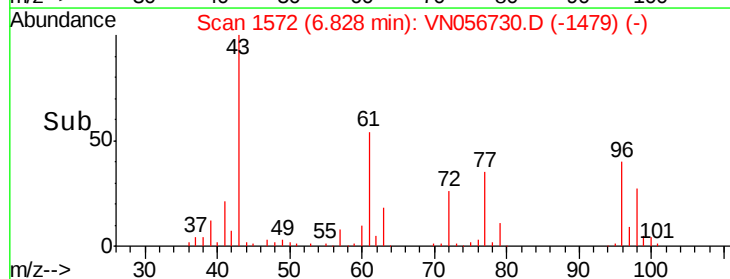
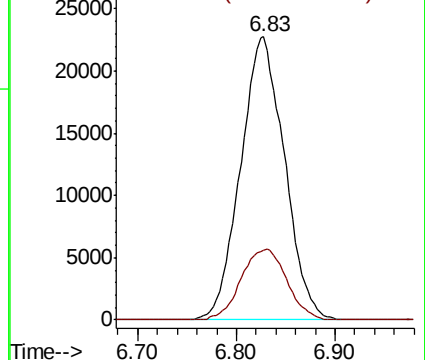
77 100

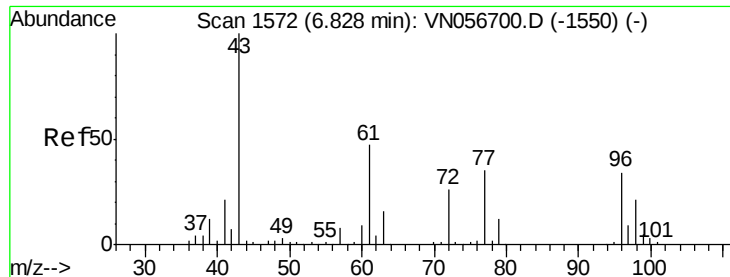
97 26.0 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 20.181 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.01 min

Lab File: VN056730.D

Acq: 15 Jul 2019 23:01

Instrument :

MSVOA_N

ClientSampleId :

VN0715WBSD02

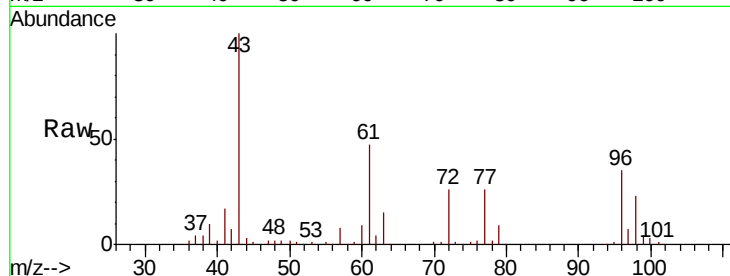
Tot Ion: 96 Resp: 77236

Ion Ratio Lower Upper

96 100

61 136.6 0.0 281.4

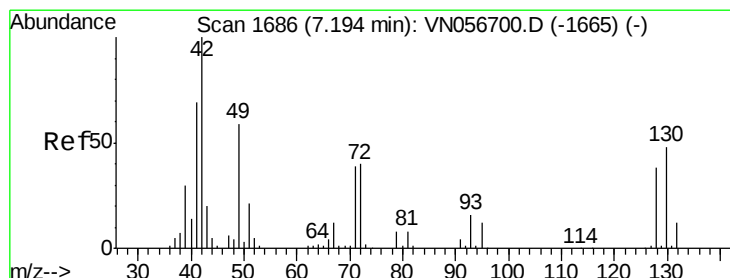
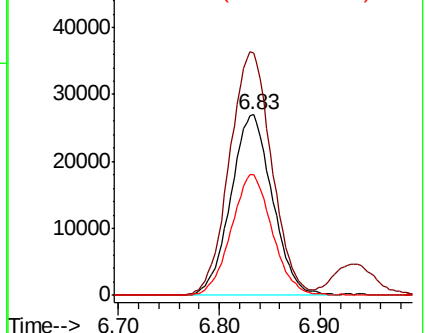
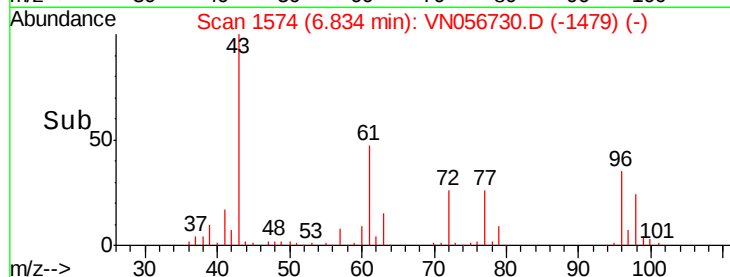
98 65.7 0.0 127.8



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 20.683 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN056730.D

Acq: 15 Jul 2019 23:01

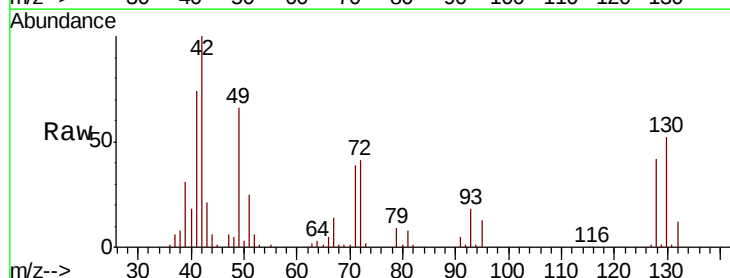
Tgt Ion: 49 Resp: 60559

Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.0

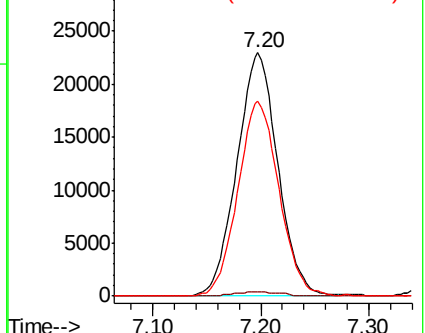
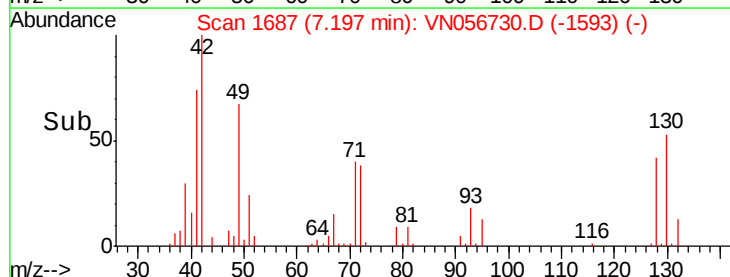
130 80.5 64.7 97.1

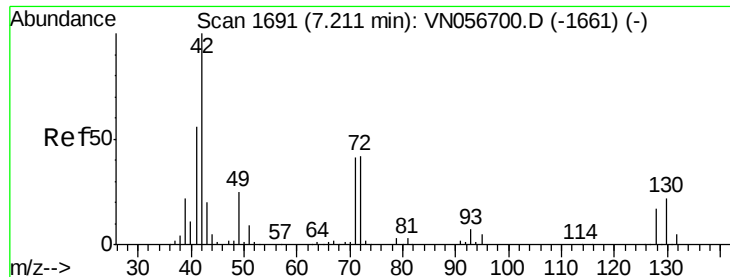


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

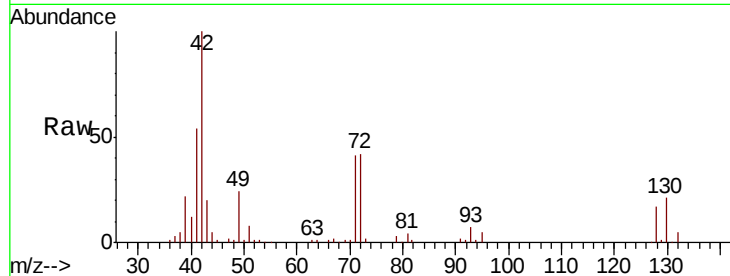




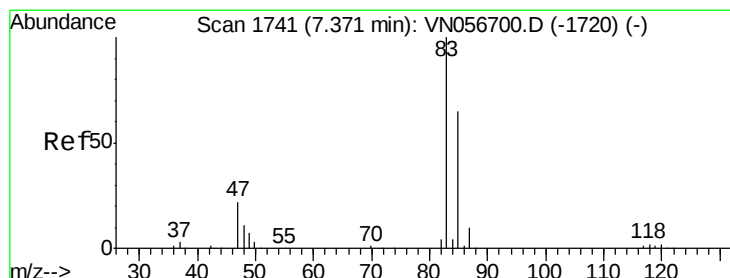
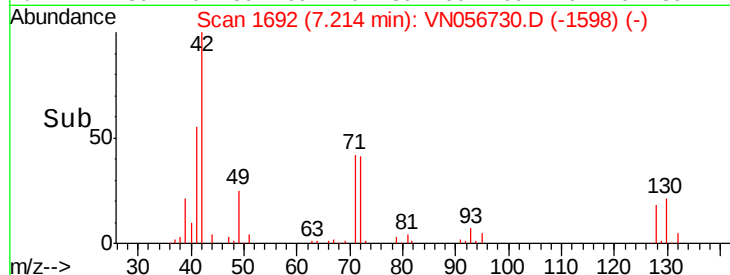
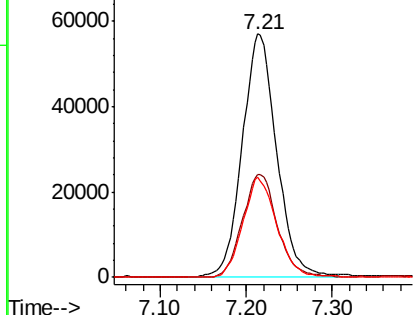
#29
Tetrahydrofuran
Concen: 97.670 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN056730.D
Acq: 15 Jul 2019 23:01

Instrument :
MSVOA_N
ClientSampleId :
VN0715WBSD02

Tot Ion: 42 Resp: 158906
Ion Ratio Lower Upper
42 100
72 42.9 33.5 50.3
71 40.1 31.8 47.8

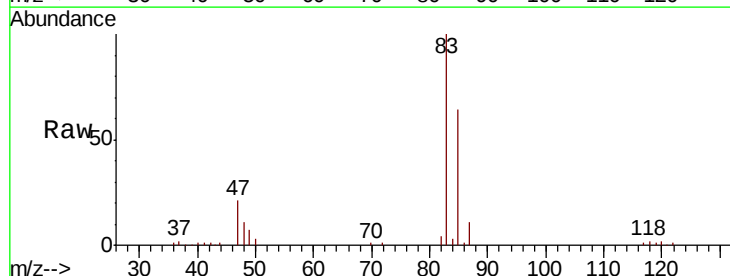


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

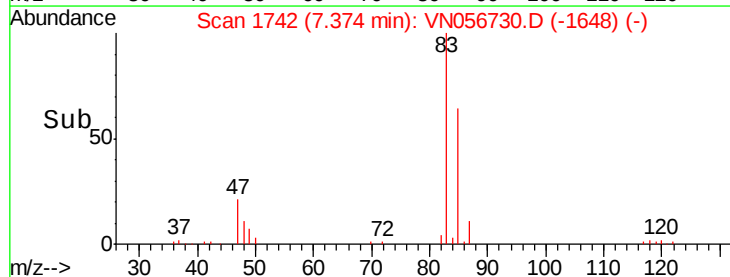
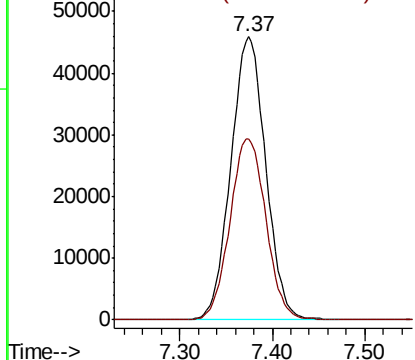


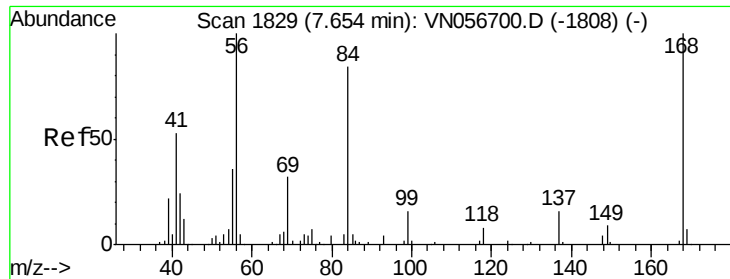
#30
Chloroform
Concen: 19.211 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN056730.D
Acq: 15 Jul 2019 23:01

Tgt Ion: 83 Resp: 119714
Ion Ratio Lower Upper
83 100
85 64.1 51.9 77.9



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0

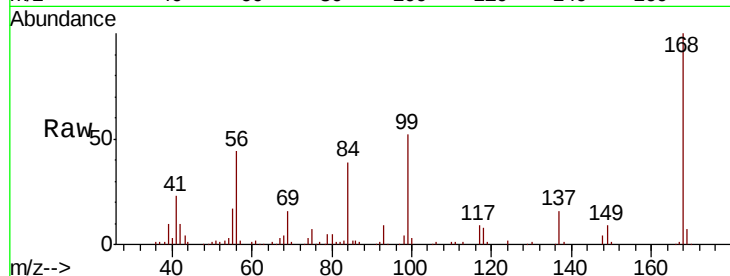




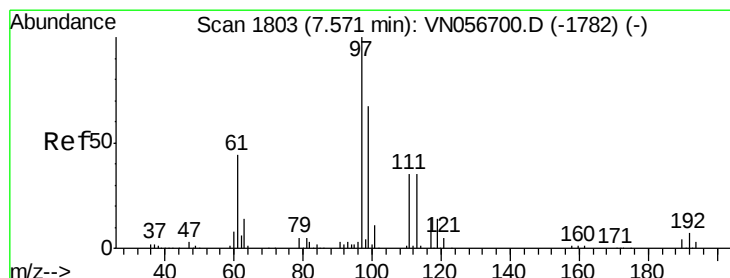
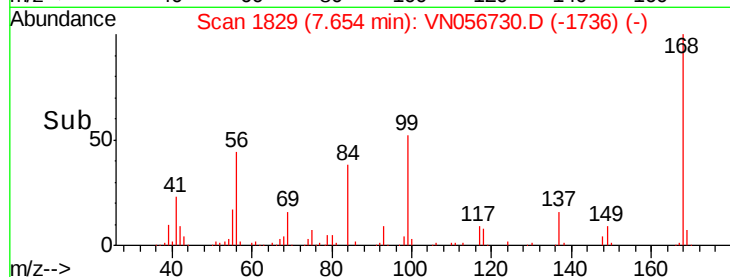
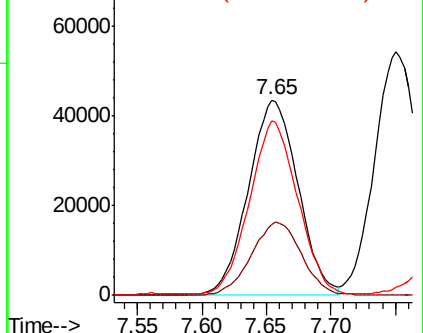
#31
Cyclohexane
Concen: 19.773 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. -0.00 min
Lab File: VN056730.D
Acq: 15 Jul 2019 23:01

Instrument :
MSVOA_N
ClientSampleId :
VN0715WBSD02

Tot Ion: 56 Resp: 117035
Ion Ratio Lower Upper
56 100
69 36.3 25.8 38.8
84 88.3 67.4 101.0

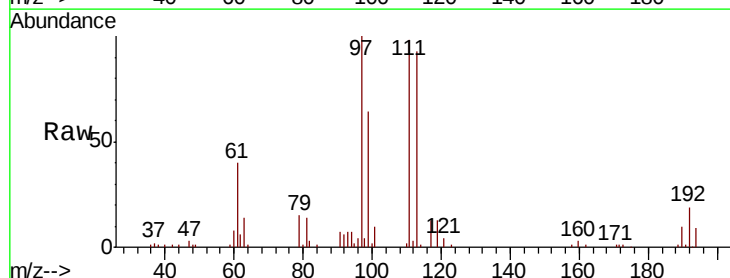


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

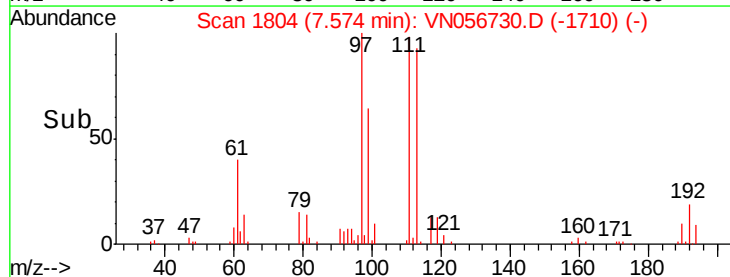
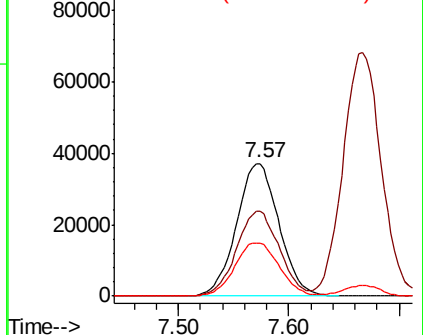


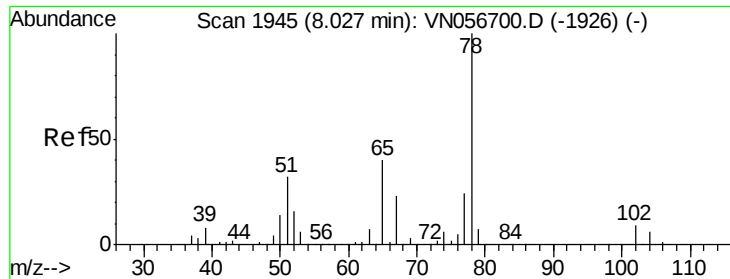
#32
1,1,1-Trichloroethane
Concen: 20.028 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN056730.D
Acq: 15 Jul 2019 23:01

Tgt Ion: 97 Resp: 98703
Ion Ratio Lower Upper
97 100
99 64.7 52.0 78.0
61 42.1 34.3 51.5



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

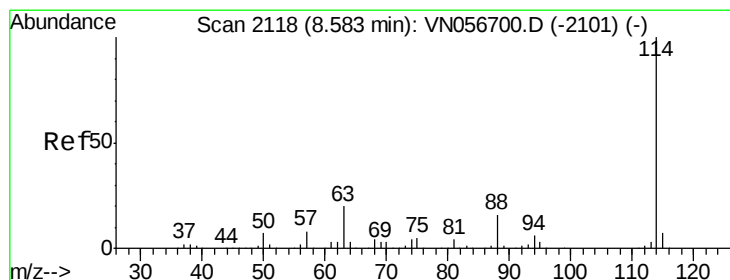
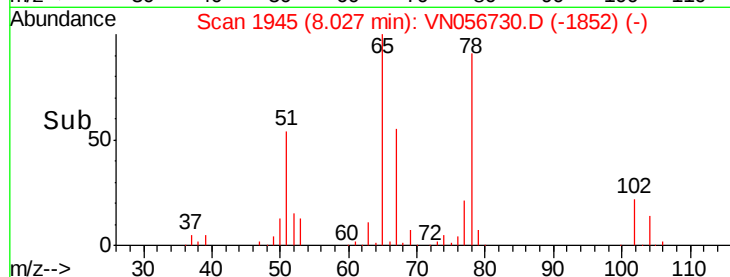
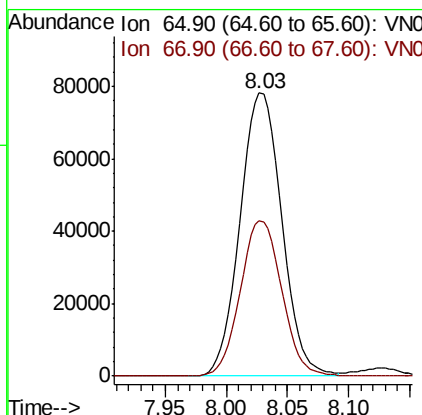
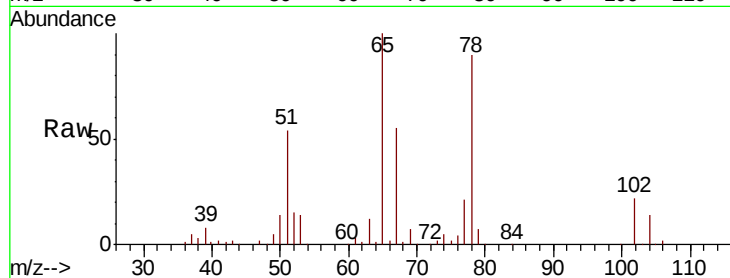




#33
 1,2-Dichloroethane-d4
 Concen: 50.032 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN056730.D
 Acq: 15 Jul 2019 23:01

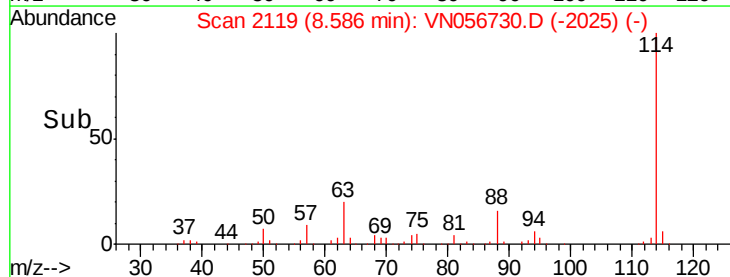
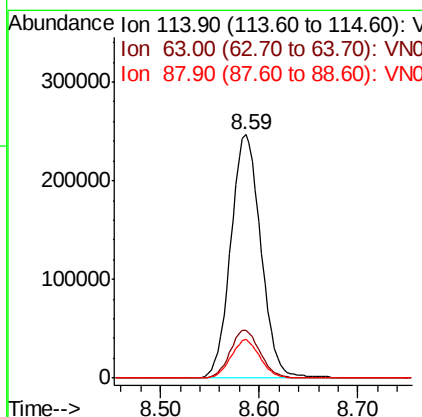
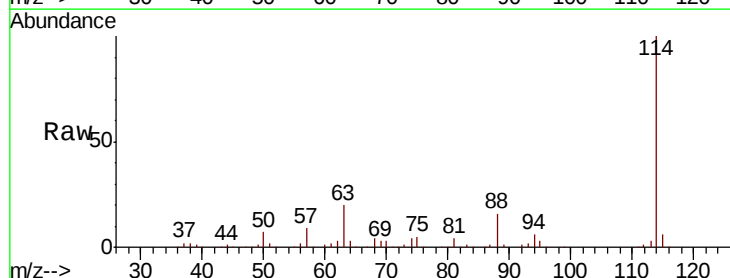
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0715WBSD02

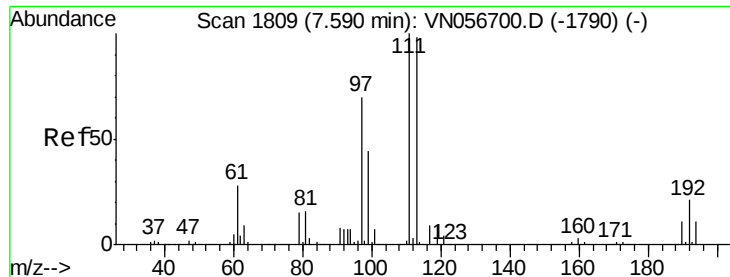
Tot Ion: 65 Resp: 185241
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056730.D
 Acq: 15 Jul 2019 23:01

Tgt Ion: 114 Resp: 522188
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.4
 88 15.8 0.0 31.2

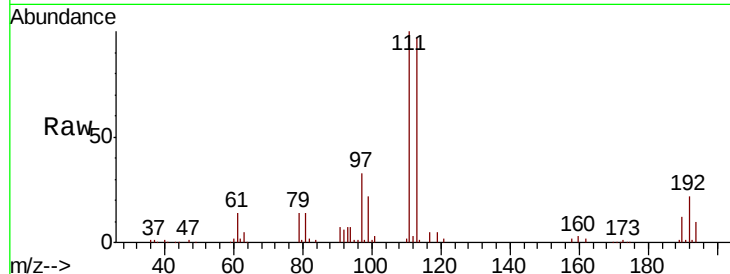




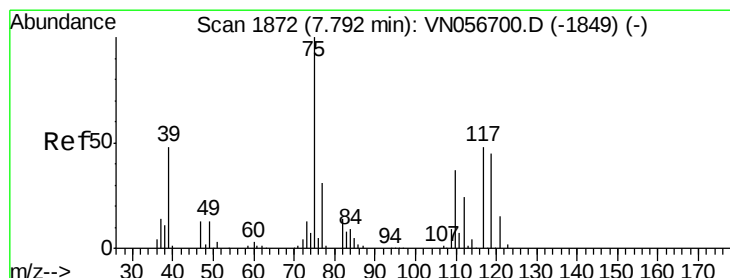
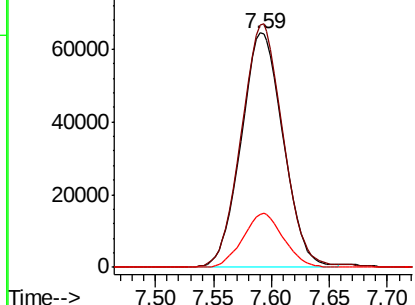
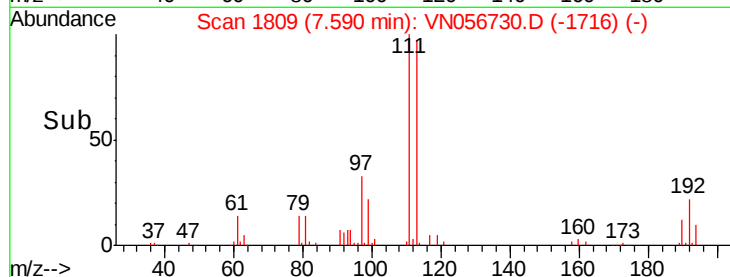
#35
 Dibromofluoromethane
 Concen: 50.115 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN056730.D
 Acq: 15 Jul 2019 23:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0715WBSD02

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.8	122.6
192	22.2	17.5	26.3

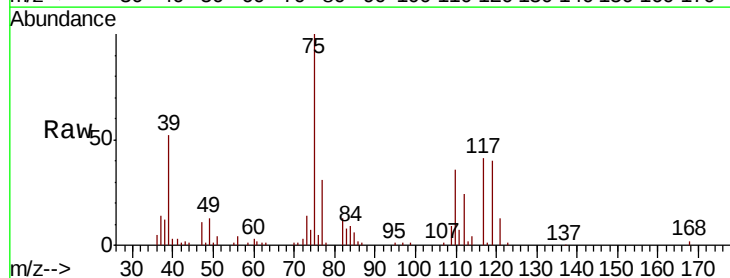


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

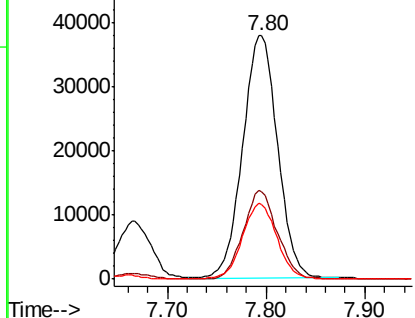
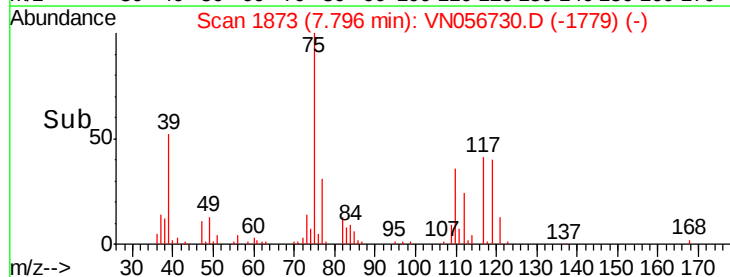


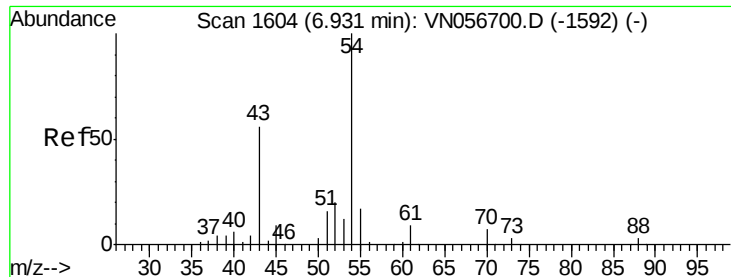
#36
 1,1-Dichloropropene
 Concen: 19.227 ug/l
 RT: 7.80 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VN056730.D
 Acq: 15 Jul 2019 23:01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.5	18.4	55.4
77	30.6	24.6	36.8



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

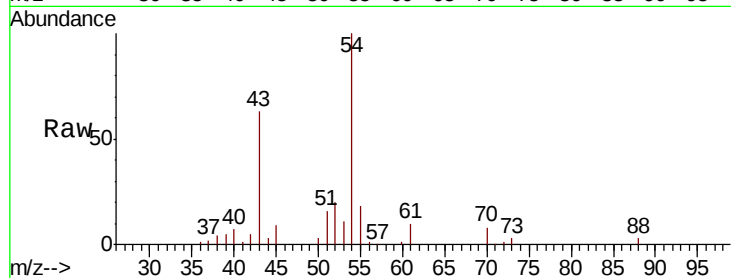




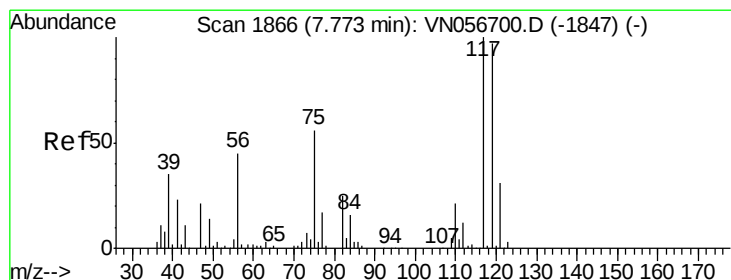
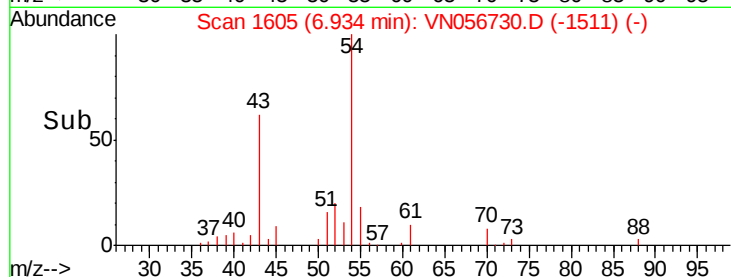
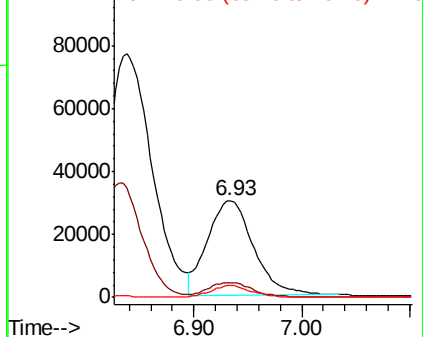
#37
Ethyl Acetate
Concen: 18.924 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN056730.D
Acq: 15 Jul 2019 23:01

Instrument :
MSVOA_N
ClientSampleID :
VN0715WBSD02

Tot Ion: 43 Resp: 90126
Ion Ratio Lower Upper
43 100
61 14.9 11.3 16.9
70 10.8 8.5 12.7

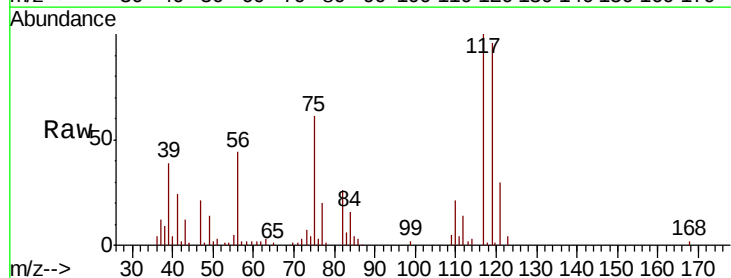


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

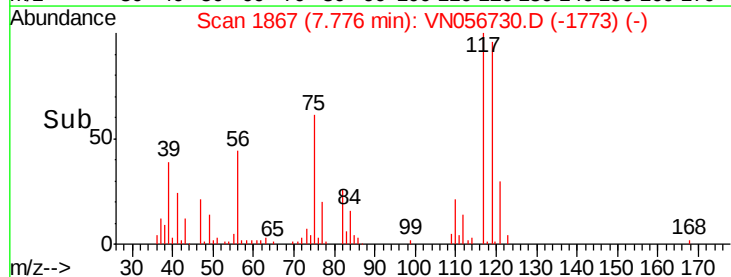
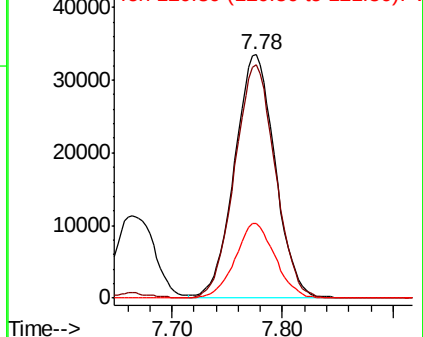


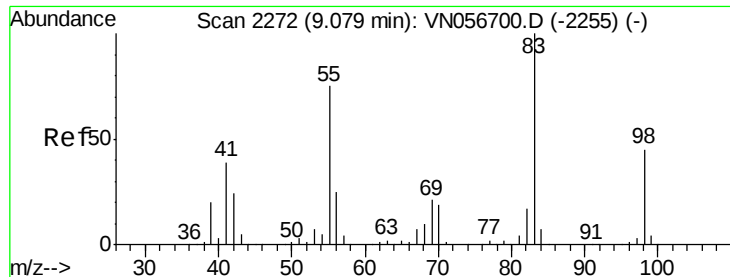
#38
Carbon Tetrachloride
Concen: 18.859 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN056730.D
Acq: 15 Jul 2019 23:01

Tgt Ion: 117 Resp: 85461
Ion Ratio Lower Upper
117 100
119 95.7 77.5 116.3
121 30.4 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

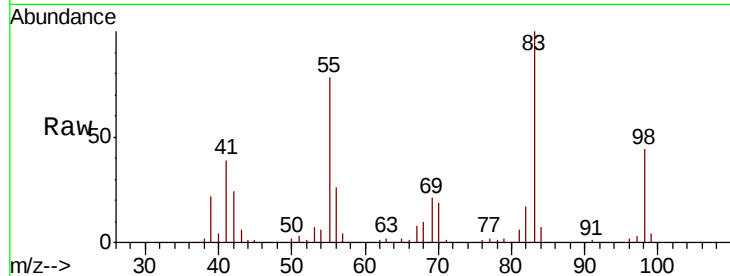




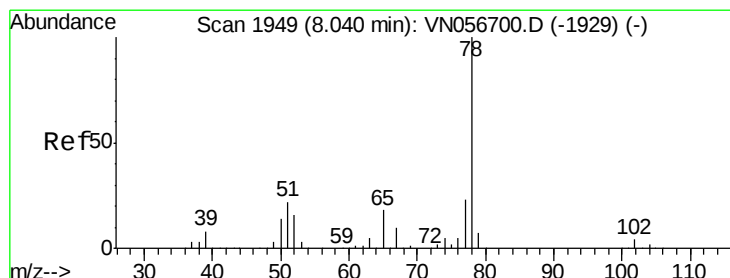
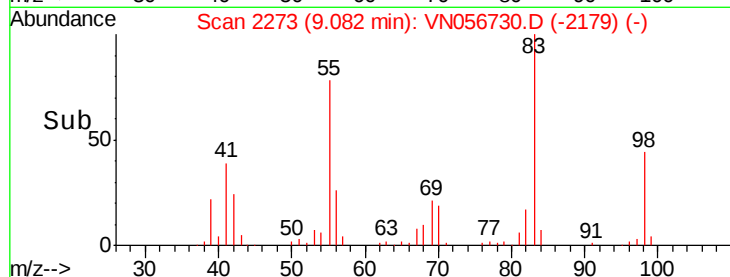
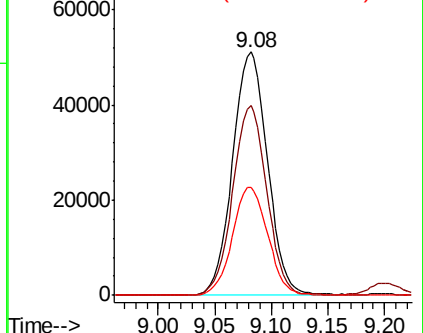
#39
Methvlcvclohexane
Concen: 18.476 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN056730.D
Acq: 15 Jul 2019 23:01

Instrument :
MSVOA_N
ClientSampleId :
VN0715WBSD02

Tot Ion: 83 Resp: 110236
Ion Ratio Lower Upper
83 100
55 77.7 60.4 90.6
98 44.3 35.8 53.8

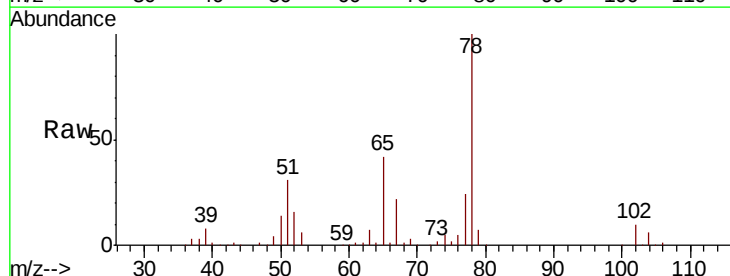


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

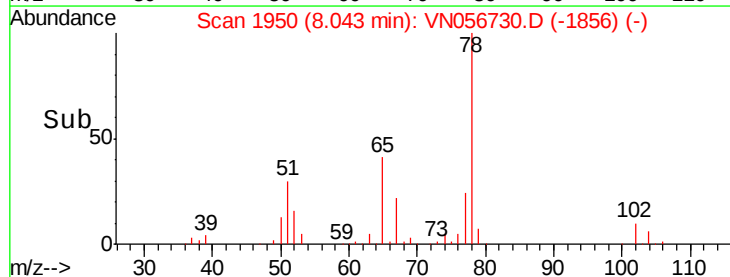
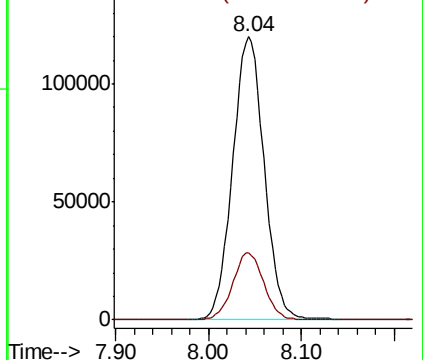


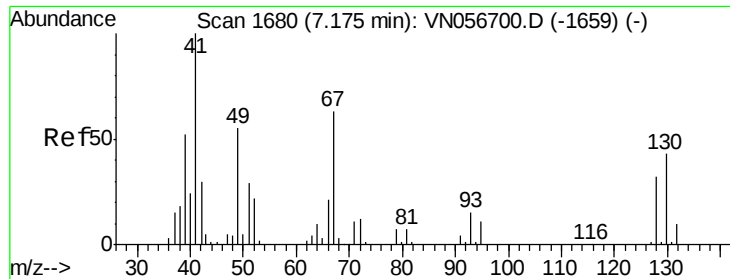
#40
Benzene
Concen: 19.151 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN056730.D
Acq: 15 Jul 2019 23:01

Tgt Ion: 78 Resp: 283545
Ion Ratio Lower Upper
78 100
77 23.8 18.6 27.8



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

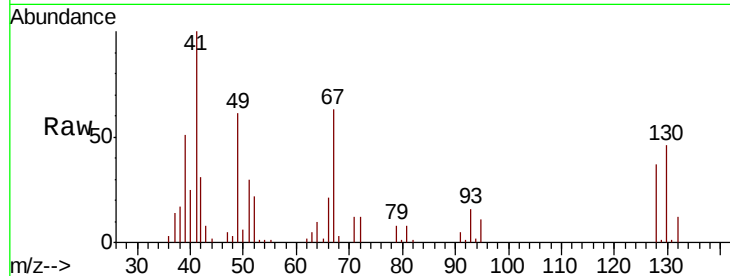




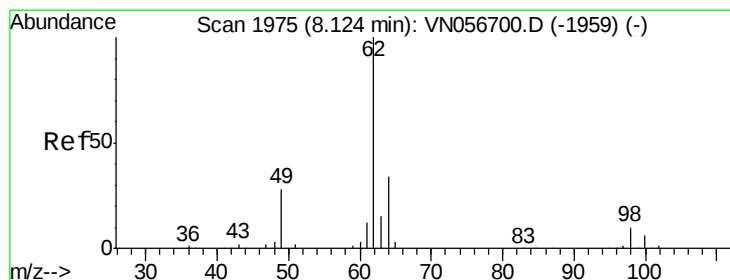
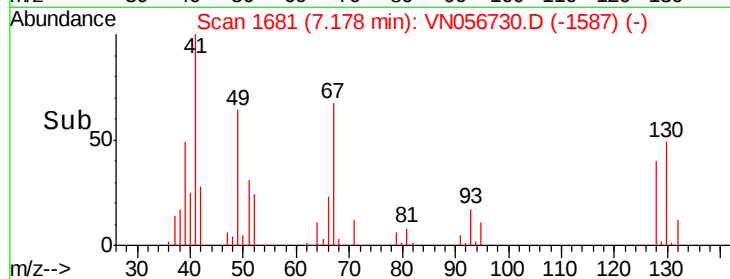
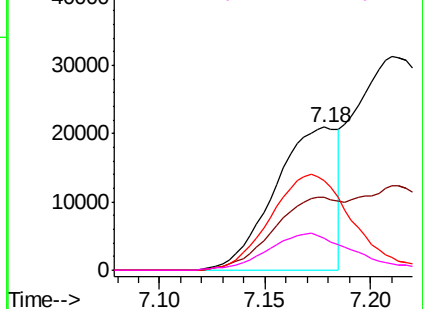
#41
Methacrylonitrile
Concen: 20.787 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN056730.D
Acq: 15 Jul 2019 23:01

Instrument :
MSVOA_N
ClientSampleId :
VN0715WBSD02

Tot Ion: 41 Resp: 43485
Ion Ratio Lower Upper
41 100
39 55.6 0.0 0.0#
67 86.6 0.0 0.0#
52 35.2 0.0 0.0#

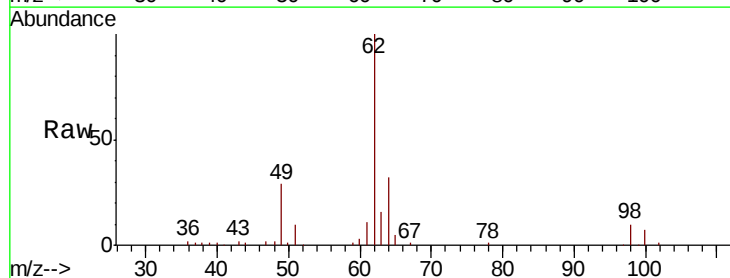


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

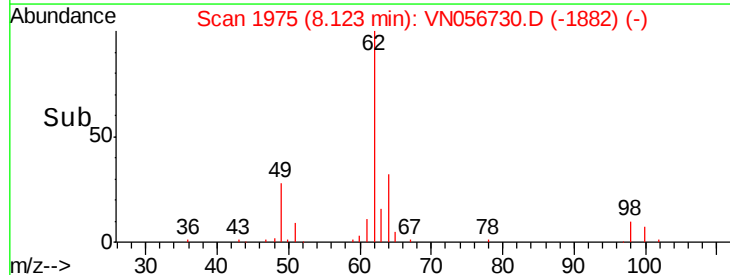
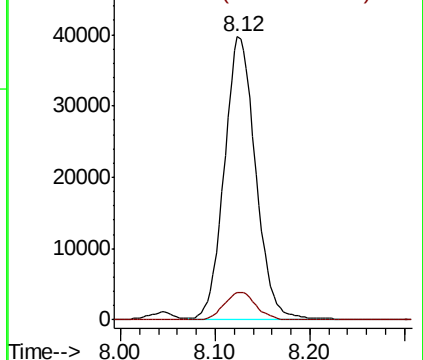


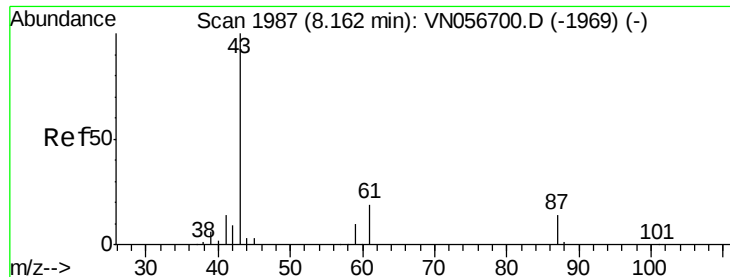
#42
1,2-Dichloroethane
Concen: 19.560 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN056730.D
Acq: 15 Jul 2019 23:01

Tgt Ion: 62 Resp: 91530
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VNC
Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 18.676 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056730.D

Acq: 15 Jul 2019 23:01

Instrument :

MSVOA_N

ClientSampleId :

VN0715WBSD02

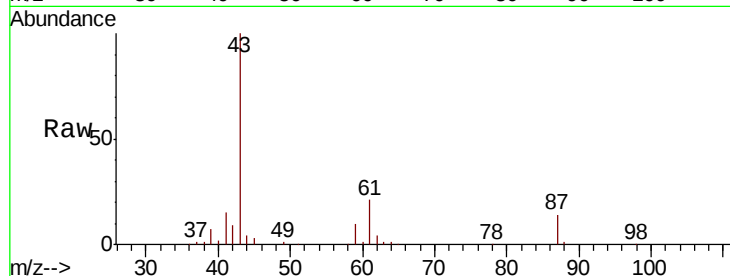
Tot Ion: 43 Resp: 139830

Ion Ratio Lower Upper

43 100

61 22.4 22.3 33.5

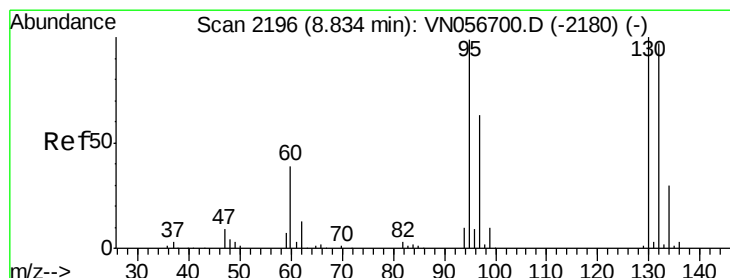
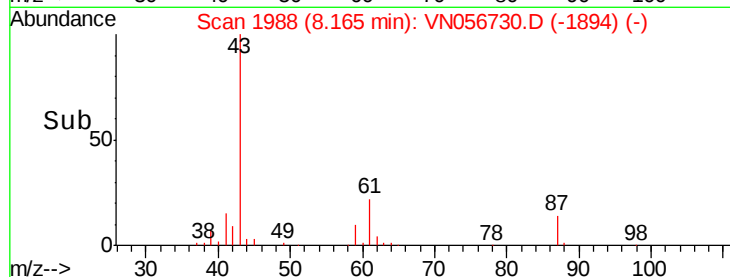
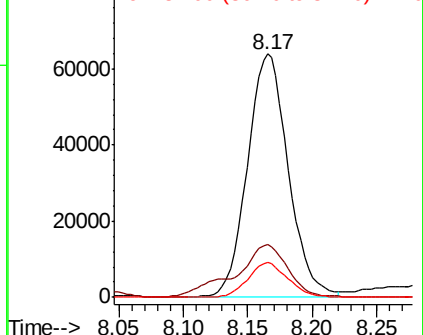
87 14.1 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VN056730.D (-2103) (-)

Ion 61.00 (60.70 to 61.70): VN056730.D (-2103) (-)

Ion 87.00 (86.70 to 87.70): VN056730.D (-2103) (-)



#44

Trichloroethene

Concen: 19.316 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN056730.D

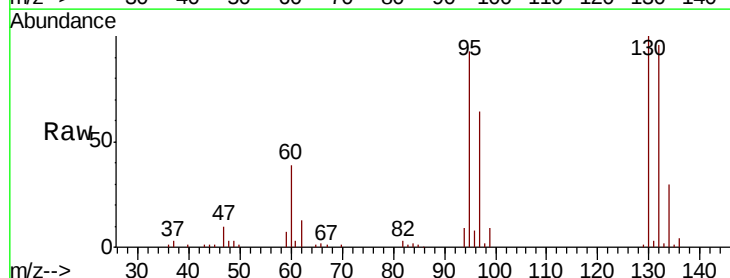
Acq: 15 Jul 2019 23:01

Tgt Ion: 130 Resp: 77664

Ion Ratio Lower Upper

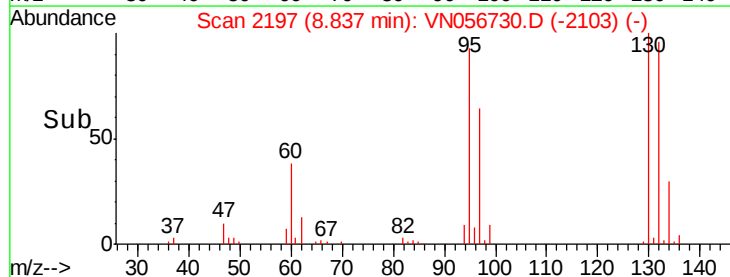
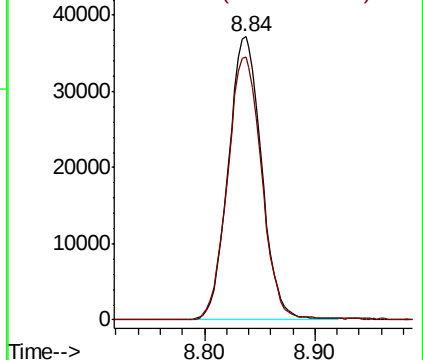
130 100

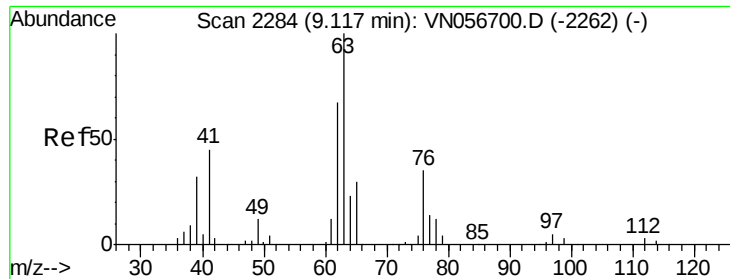
95 92.9 0.0 197.2



Abundance Ion 129.80 (129.50 to 130.50): VN056730.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN056730.D (-2103) (-)

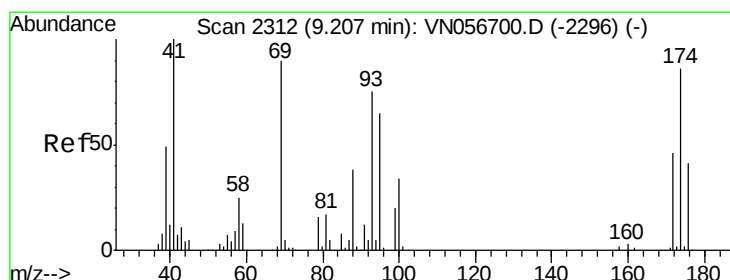
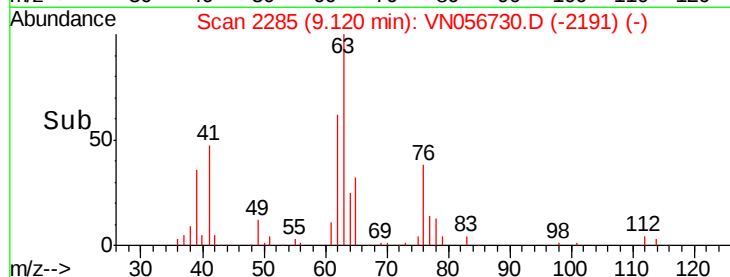
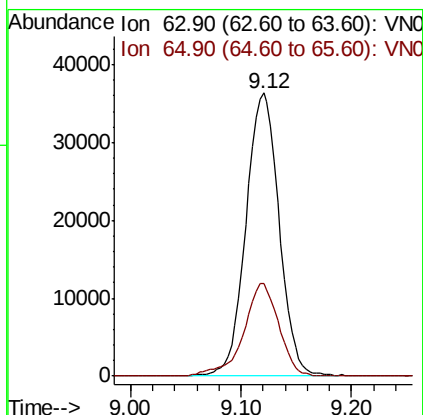
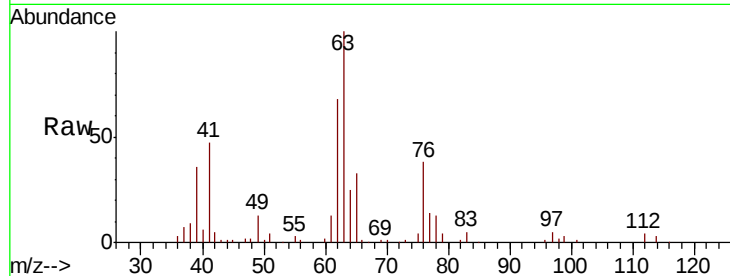




#45
 1,2-Dichloropropane
 Concen: 19.274 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN056730.D
 Acq: 15 Jul 2019 23:01

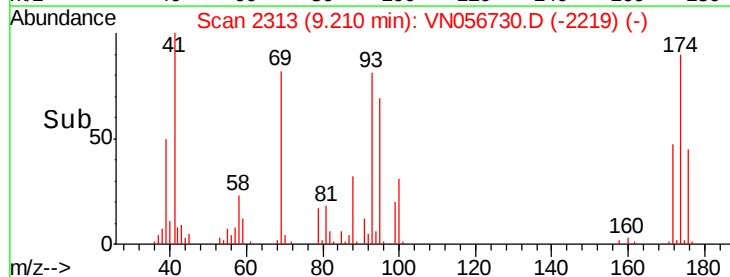
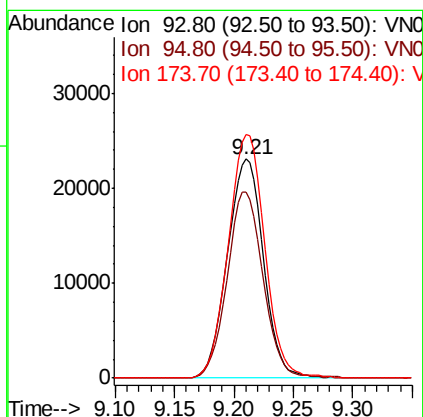
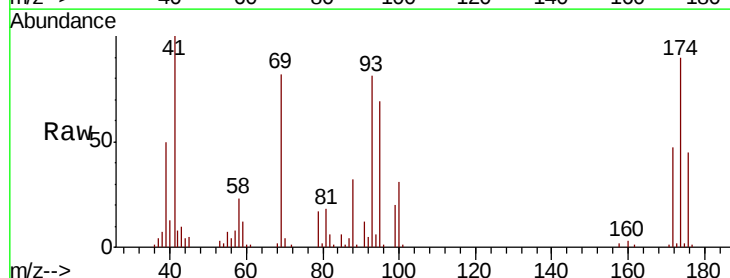
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0715WBSD02

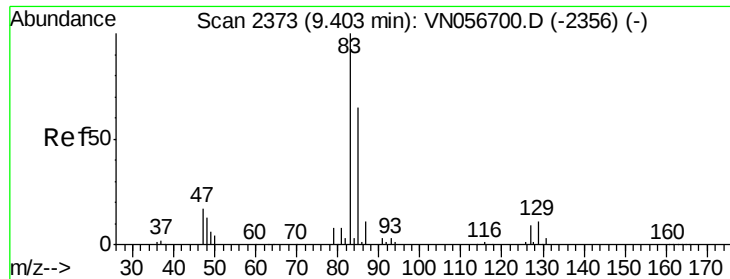
Tot Ion: 63 Resp: 75826
 Ion Ratio Lower Upper
 63 100
 65 32.9 24.0 36.0



#46
 Dibromomethane
 Concen: 19.914 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN056730.D
 Acq: 15 Jul 2019 23:01

Tgt Ion: 93 Resp: 48550
 Ion Ratio Lower Upper
 93 100
 95 84.4 67.4 101.0
 174 112.3 90.3 135.5





#47

Bromodichloromethane

Concen: 19.037 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN056730.D

Acq: 15 Jul 2019 23:01

Instrument :

MSVOA_N

ClientSampleId :

VN0715WBSD02

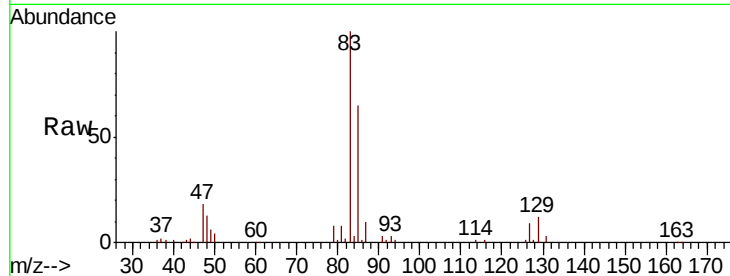
Tot Ion: 83 Resp: 88197

Ion Ratio Lower Upper

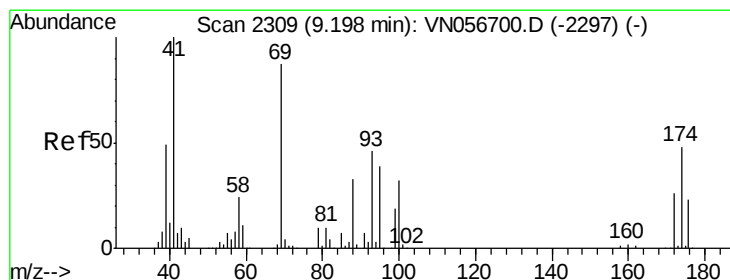
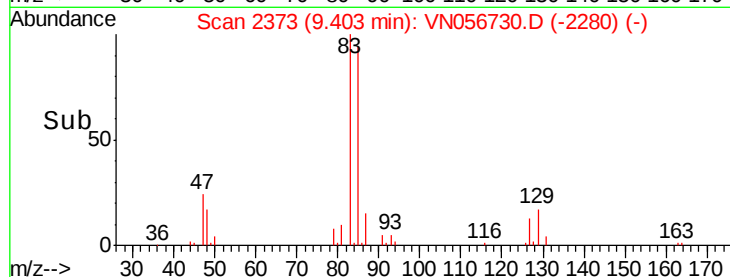
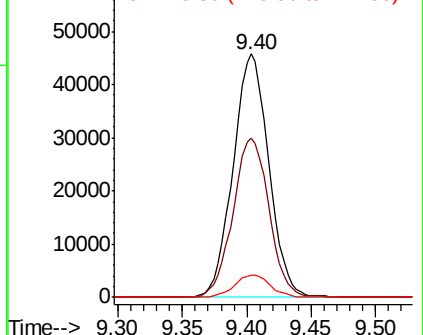
83 100

85 65.4 52.3 78.5

127 9.0 7.6 11.4



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 19.242 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056730.D

Acq: 15 Jul 2019 23:01

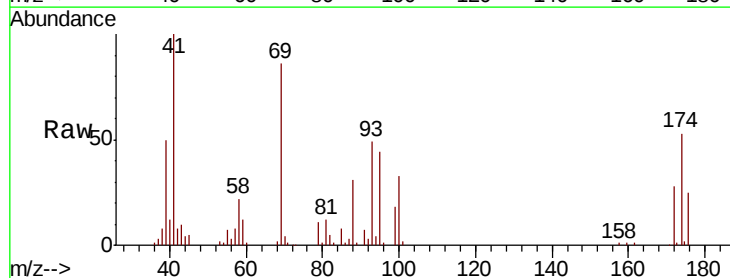
Tgt Ion: 41 Resp: 69674

Ion Ratio Lower Upper

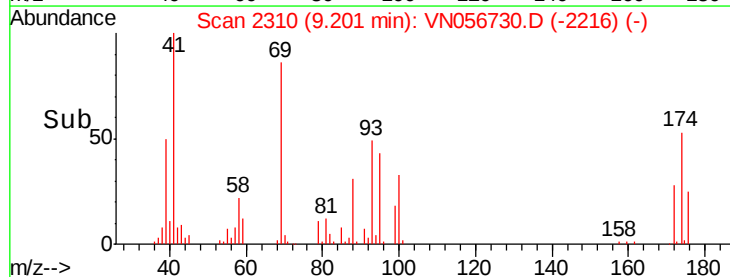
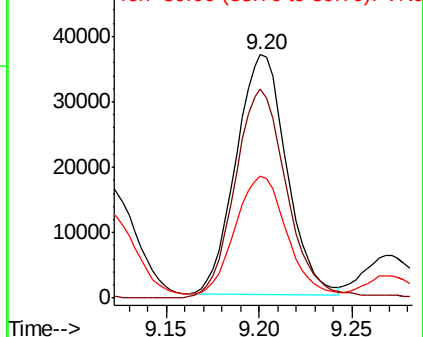
41 100

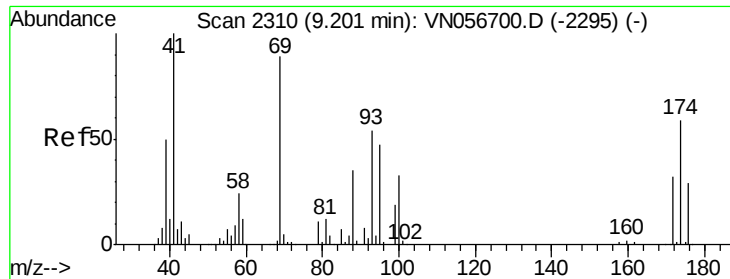
69 89.8 71.4 107.0

39 52.3 41.2 61.8



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

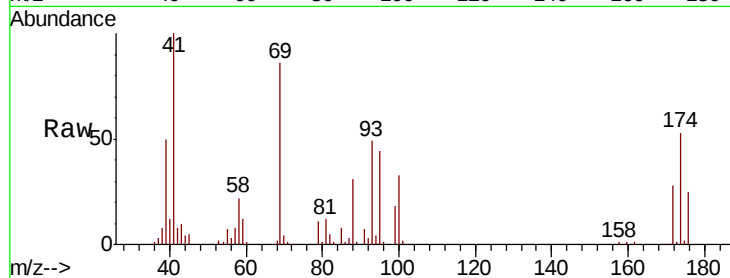




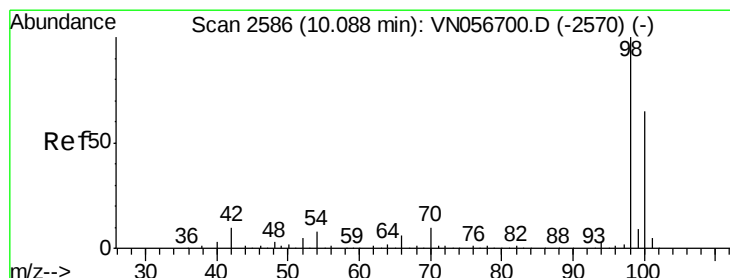
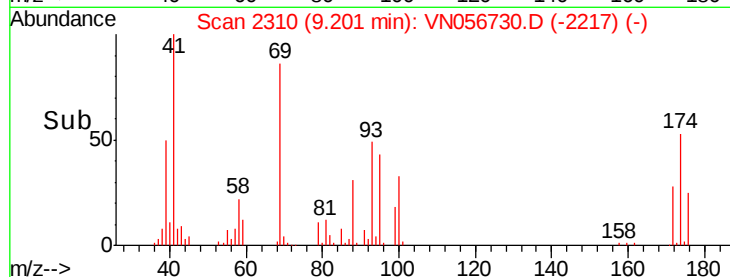
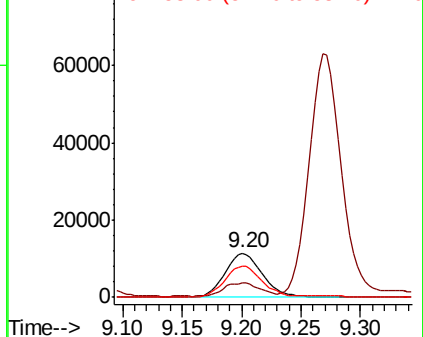
#49
 1,4-Dioxane
 Concen: 336.236 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN056730.D
 Acq: 15 Jul 2019 23:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0715WBSD02

Tot Ion: 88 Resp: 24981
 Ion Ratio Lower Upper
 88 100
 43 29.1 23.7 35.5
 58 70.5 55.6 83.4

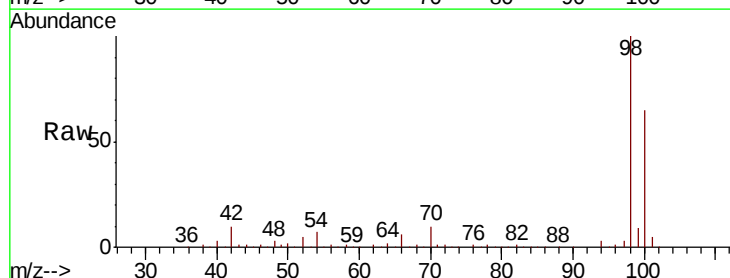


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

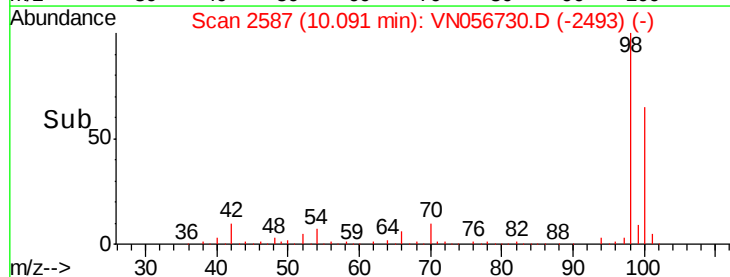
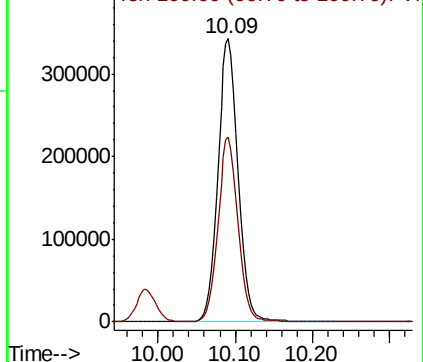


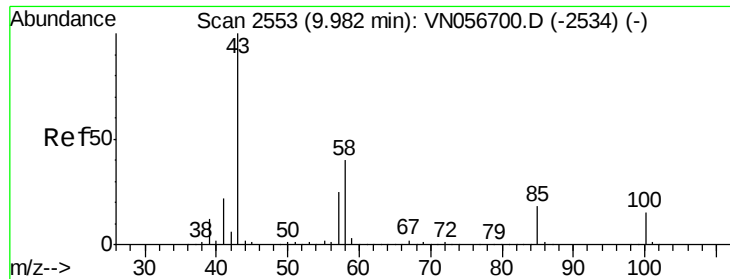
#50
 Toluene-d8
 Concen: 50.005 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN056730.D
 Acq: 15 Jul 2019 23:01

Tgt Ion: 98 Resp: 627615
 Ion Ratio Lower Upper
 98 100
 100 64.8 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 94.895 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN056730.D

Acq: 15 Jul 2019 23:01

Instrument :

MSVOA_N

ClientSampleId :

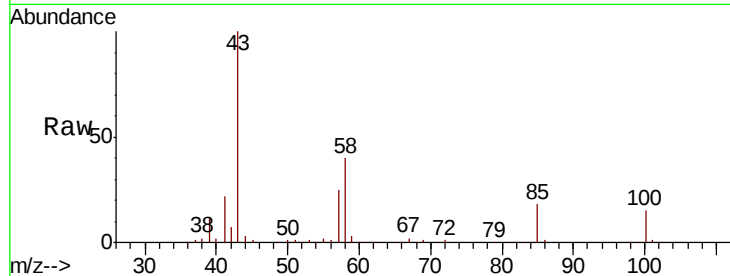
VN0715WBSD02

Tot Ion: 43 Resp: 460170

Ion Ratio Lower Upper

43 100

58 40.3 32.0 48.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.98

250000

200000

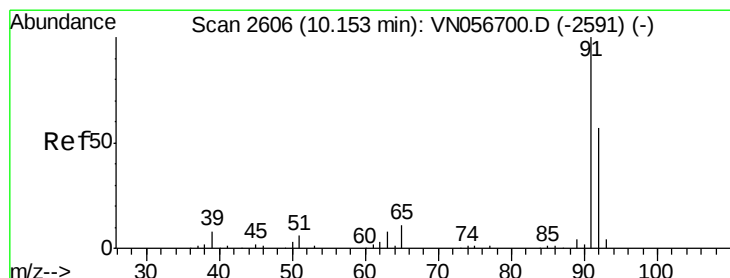
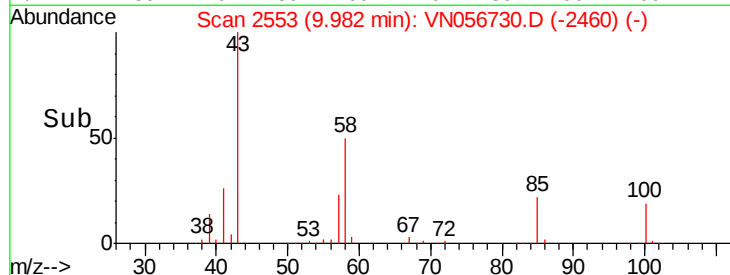
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.119 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056730.D

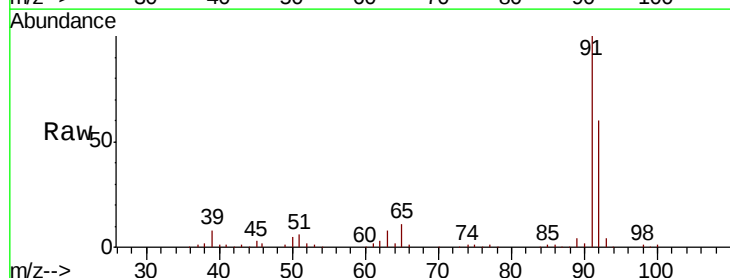
Acq: 15 Jul 2019 23:01

Tgt Ion: 92 Resp: 176907

Ion Ratio Lower Upper

92 100

91 172.3 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.16

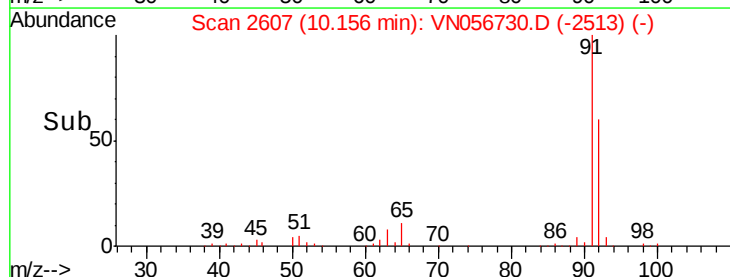
150000

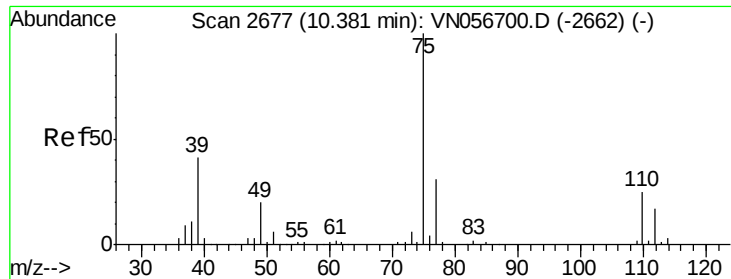
100000

50000

0

Time-->

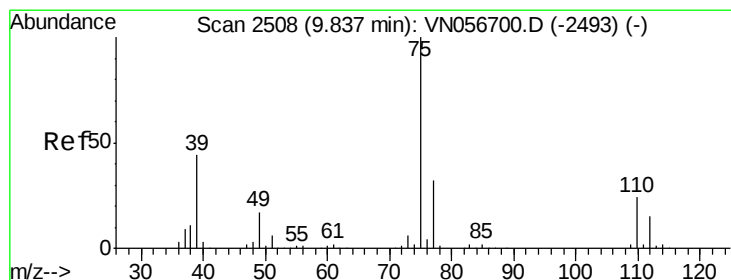
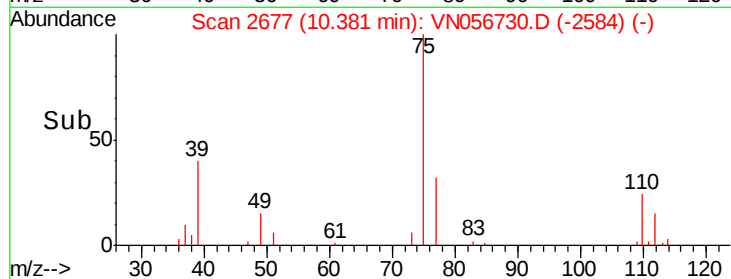
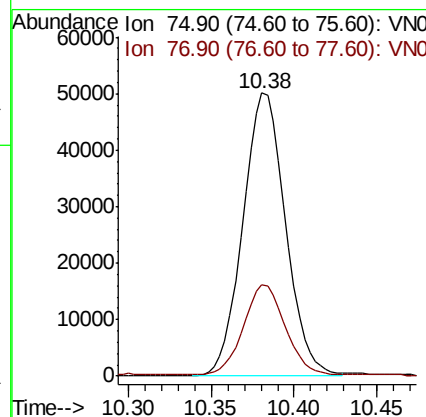
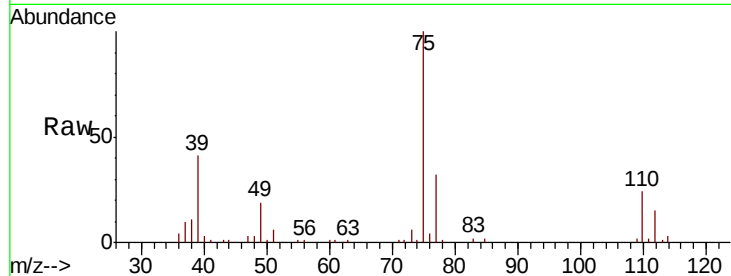




#53
t-1,3-Dichloropropene
Concen: 18.559 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VN056730.D
Acq: 15 Jul 2019 23:01

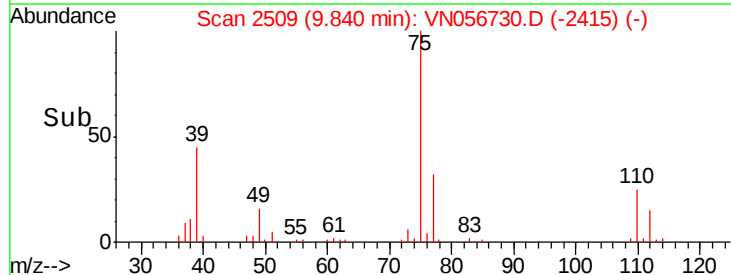
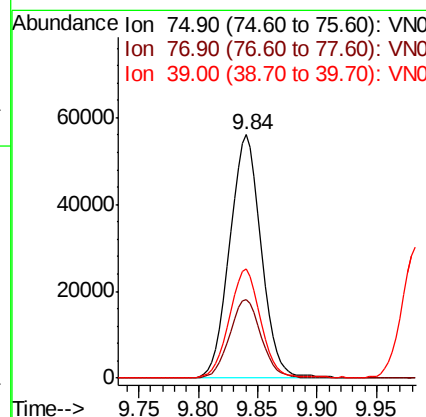
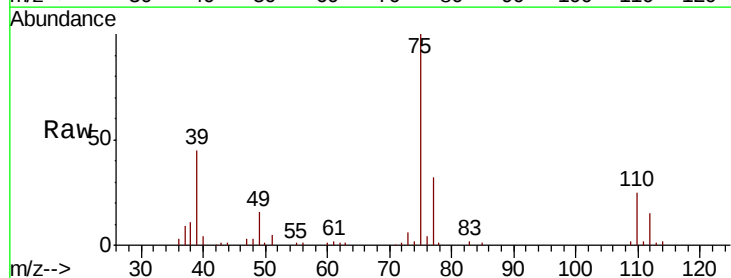
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBSD02

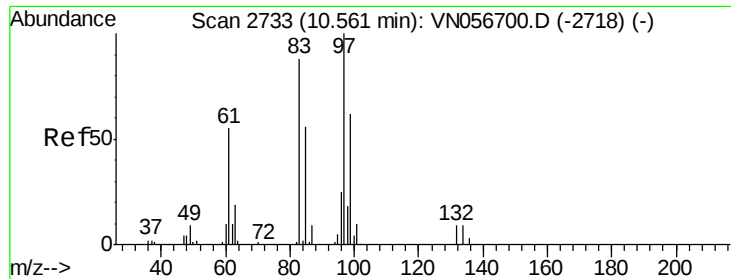
Tot Ion: 75 Resp: 89705
Ion Ratio Lower Upper
75 100
77 31.9 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 18.344 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN056730.D
Acq: 15 Jul 2019 23:01

Tgt Ion: 75 Resp: 102889
Ion Ratio Lower Upper
75 100
77 32.4 26.0 39.0
39 45.0 35.1 52.7





#55

1,1,2-Trichloroethane

Concen: 19.356 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN056730.D

Acq: 15 Jul 2019 23:01

Instrument :

MSVOA_N

ClientSampleId :

VN0715WBSD02

Tot Ion: 97 Resp: 71387

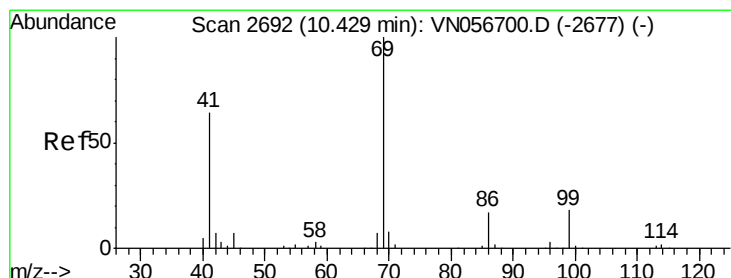
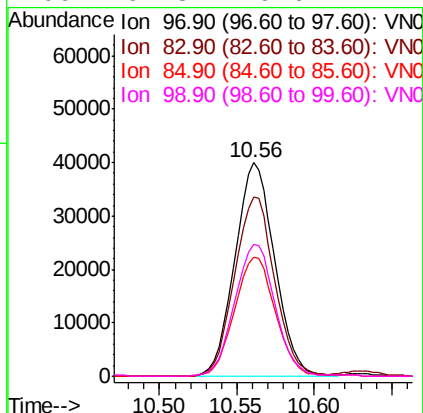
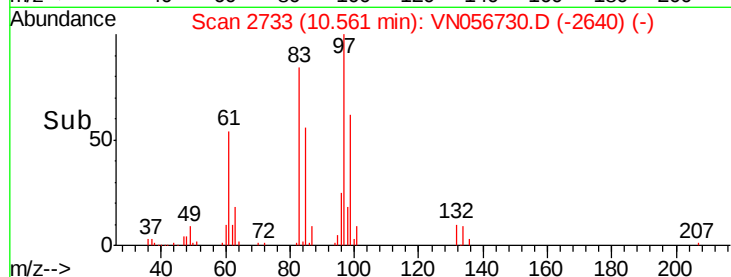
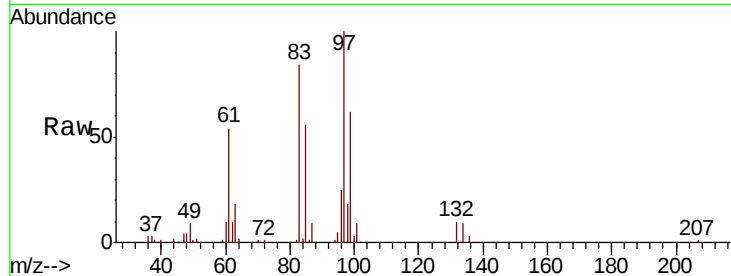
Ion	Ratio	Lower	Upper
97	100		
83	84.2	70.3	105.5
85	55.7	44.8	67.2
99	61.8	49.6	74.4

97 100

83 84.2 70.3 105.5

85 55.7 44.8 67.2

99 61.8 49.6 74.4



#56

Ethyl methacrylate

Concen: 19.428 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN056730.D

Acq: 15 Jul 2019 23:01

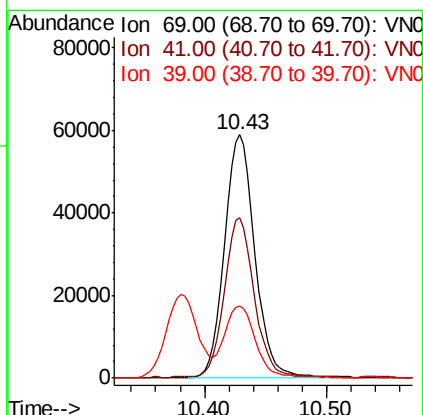
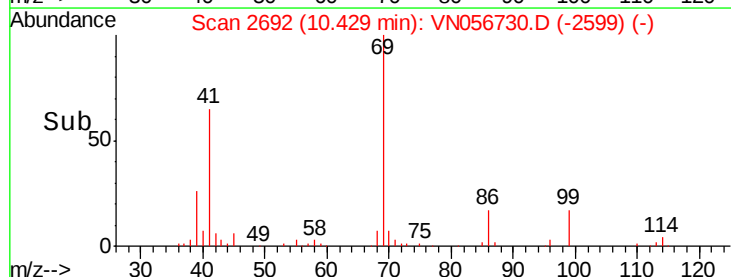
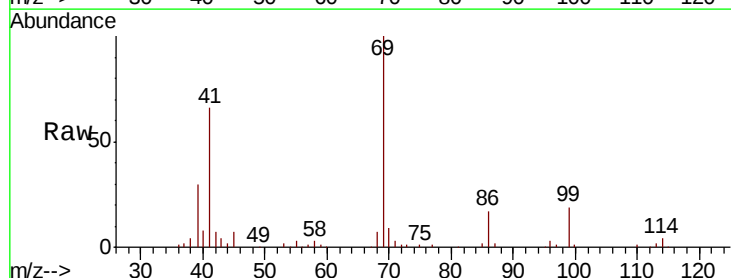
Tgt Ion: 69 Resp: 103094

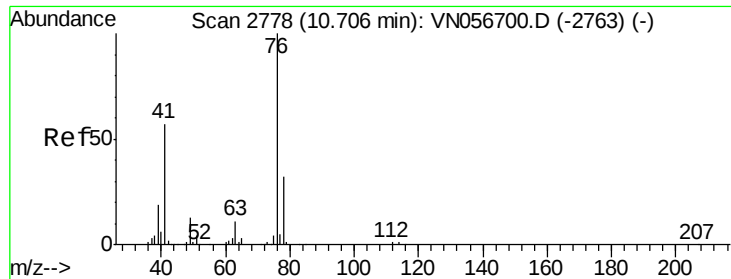
Ion	Ratio	Lower	Upper
69	100		
41	64.4	51.0	76.4
39	30.4	24.6	36.8

69 100

41 64.4 51.0 76.4

39 30.4 24.6 36.8

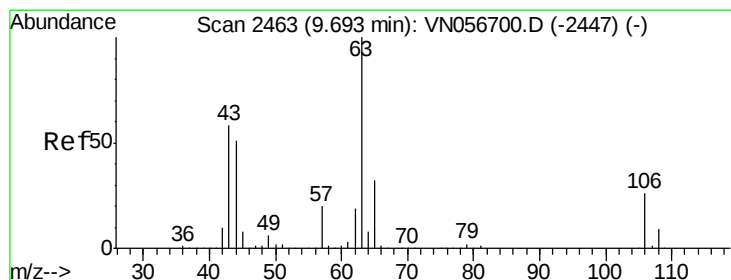
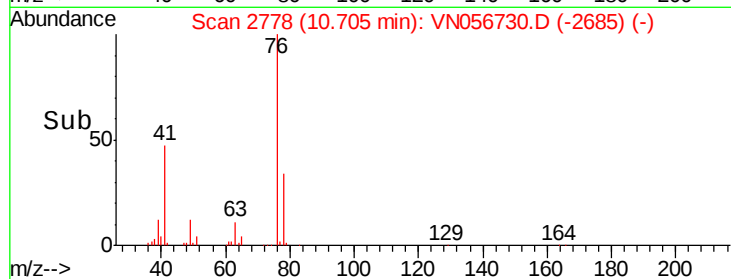
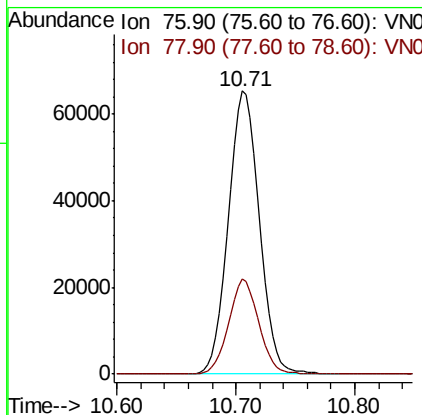
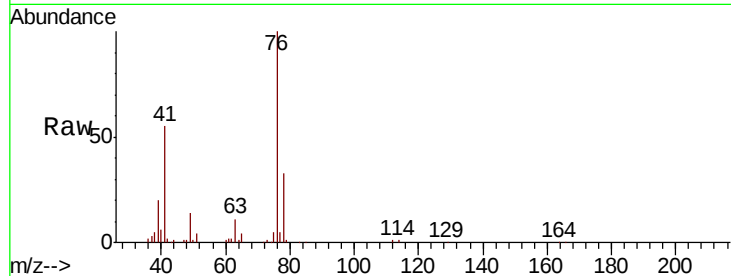




#57
 1,3-Dichloropropane
 Concen: 19.590 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN056730.D
 Acq: 15 Jul 2019 23:01

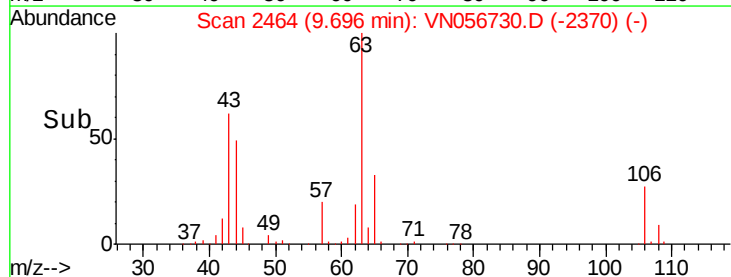
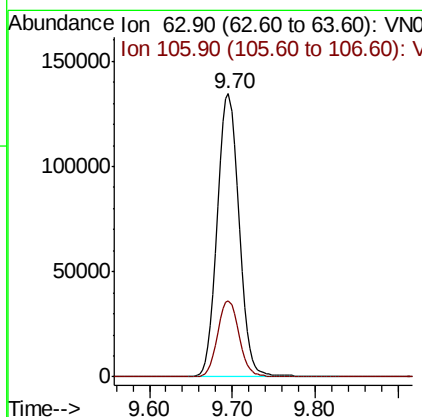
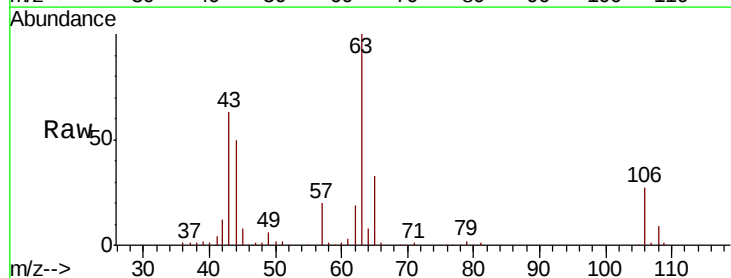
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0715WBSD02

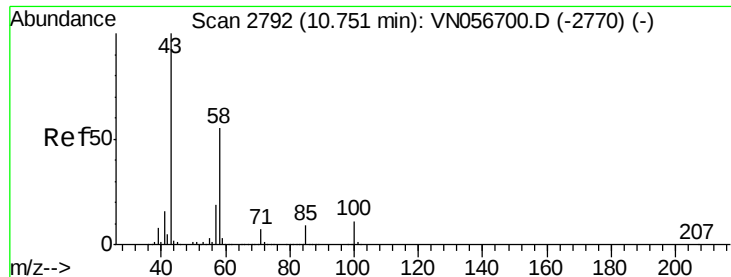
Tot Ion: 76 Resp: 117998
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.420 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN056730.D
 Acq: 15 Jul 2019 23:01

Tgt Ion: 63 Resp: 246043
 Ion Ratio Lower Upper
 63 100
 106 26.5 21.2 31.8

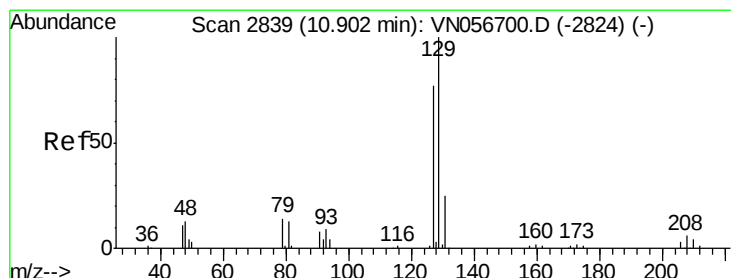
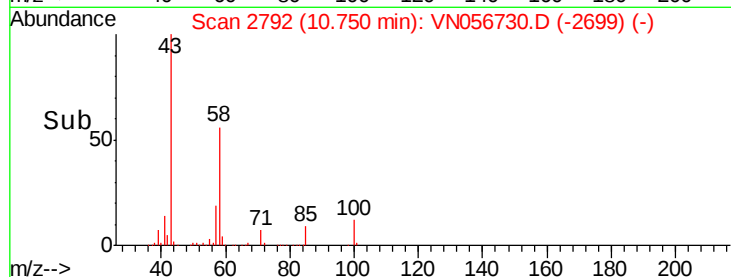
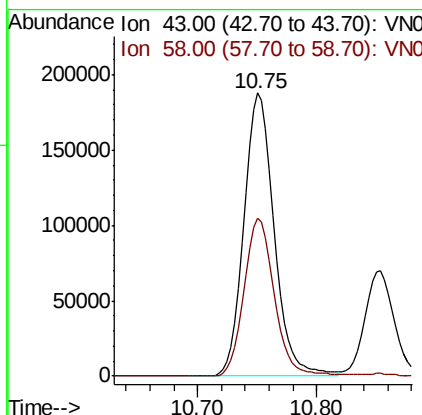
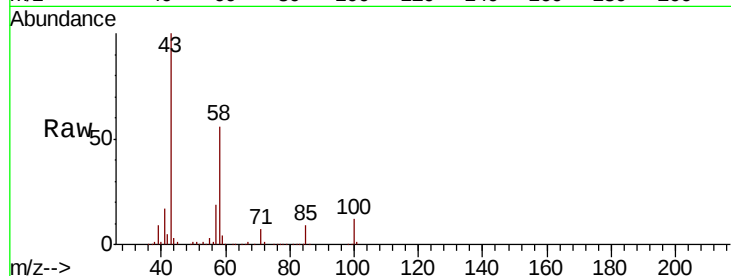




#59
2-Hexanone
Concen: 95.084 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN056730.D
Acq: 15 Jul 2019 23:01

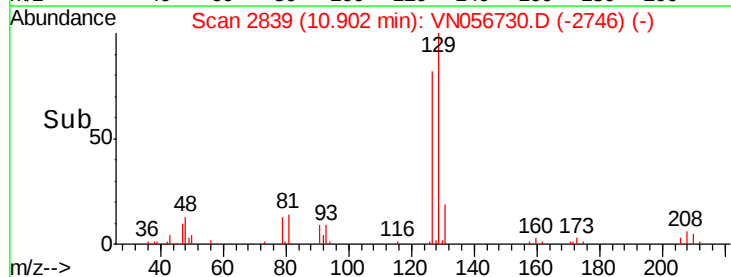
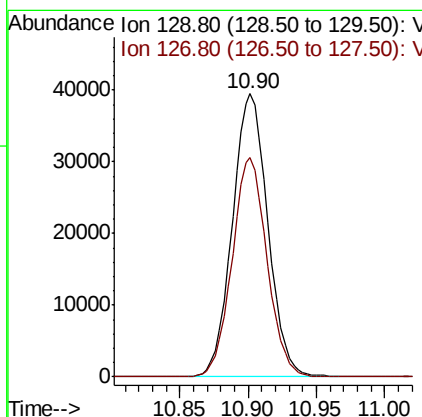
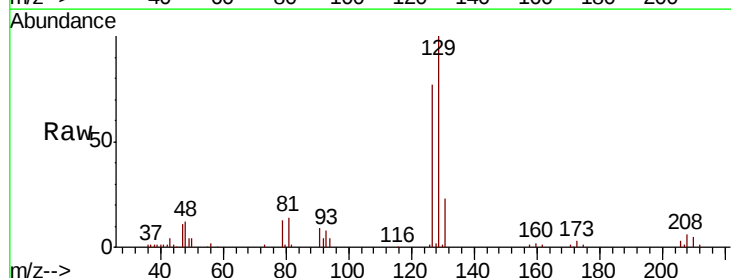
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBSD02

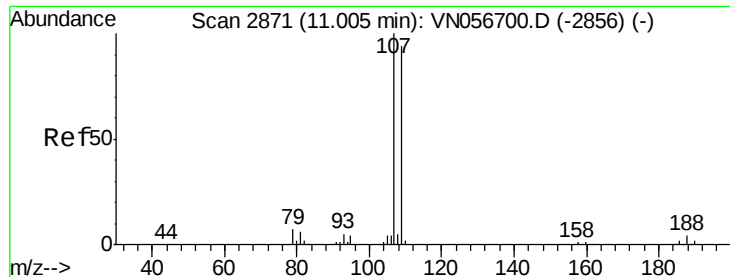
Tot Ion: 43 Resp: 330847
Ion Ratio Lower Upper
43 100
58 55.9 27.9 83.6



#60
Dibromochloromethane
Concen: 19.616 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN056730.D
Acq: 15 Jul 2019 23:01

Tgt Ion: 129 Resp: 71150
Ion Ratio Lower Upper
129 100
127 76.1 38.2 114.6





#61

1,2-Dibromoethane

Concen: 19.802 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN056730.D

Acq: 15 Jul 2019 23:01

Instrument :

MSVOA_N

ClientSampleId :

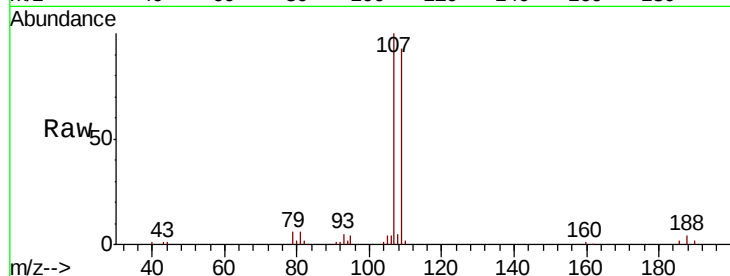
VN0715WBSD02

Tot Ion:107 Resp: 72577

Ion Ratio Lower Upper

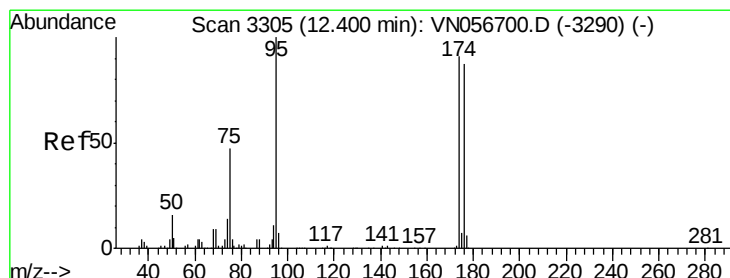
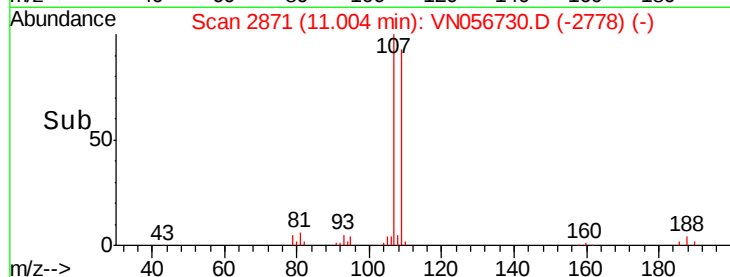
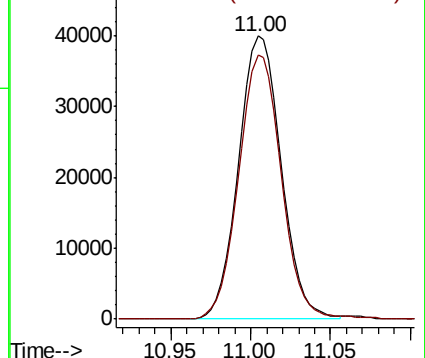
107 100

109 93.5 76.2 114.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.805 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056730.D

Acq: 15 Jul 2019 23:01

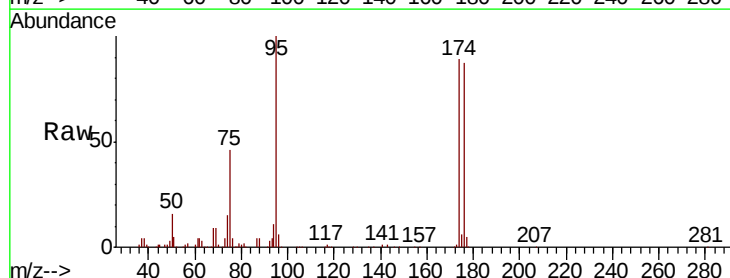
Tgt Ion: 95 Resp: 210806

Ion Ratio Lower Upper

95 100

174 88.8 0.0 180.0

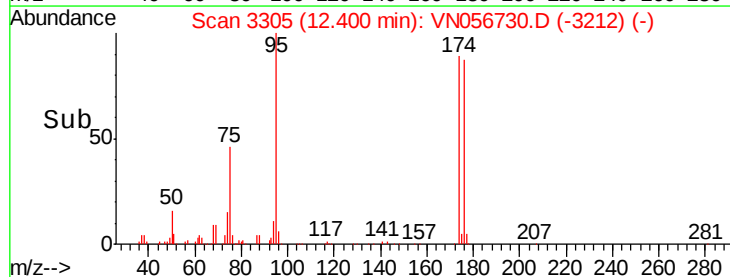
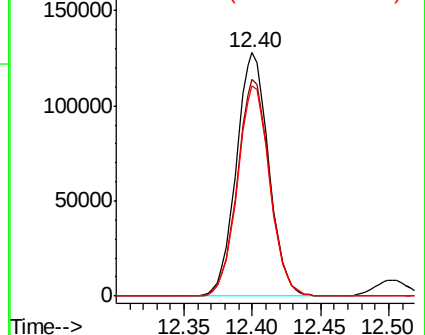
176 86.3 0.0 173.2

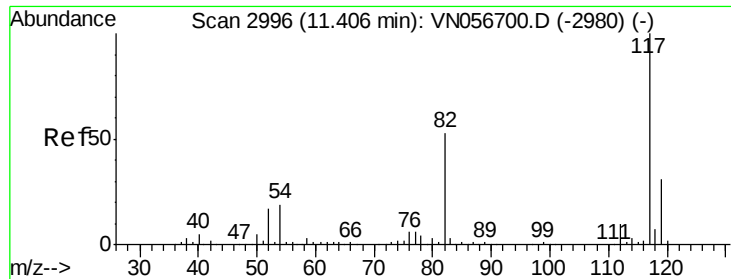


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

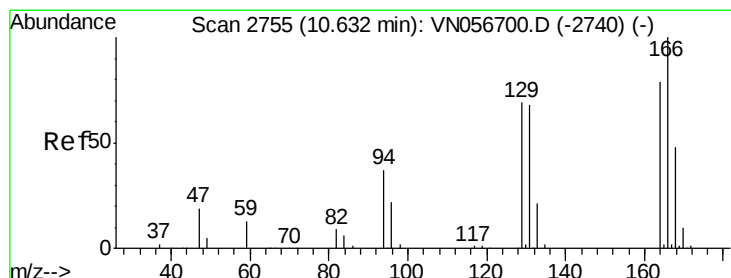
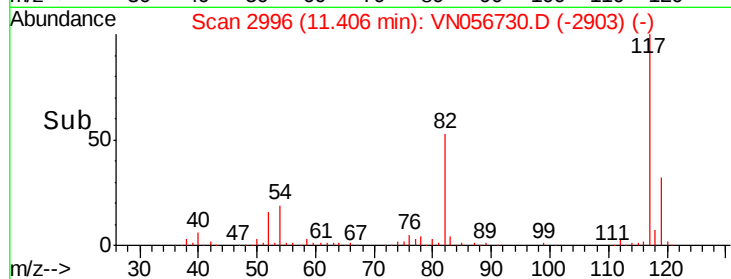
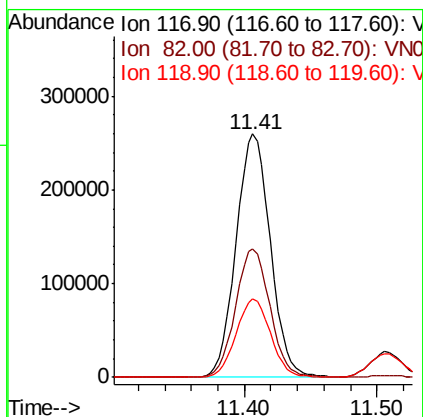
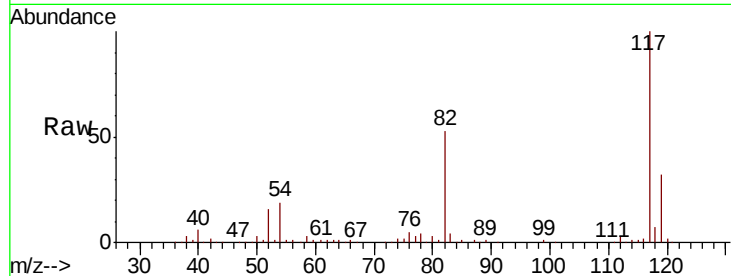




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056730.D
Acq: 15 Jul 2019 23:01

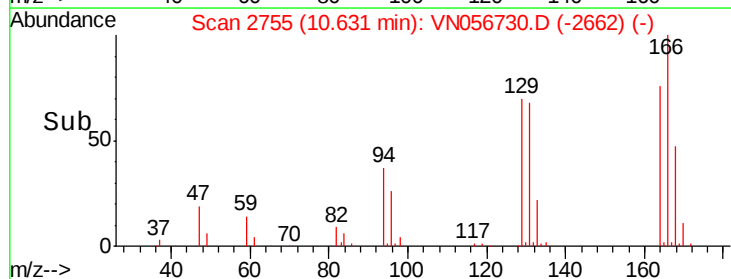
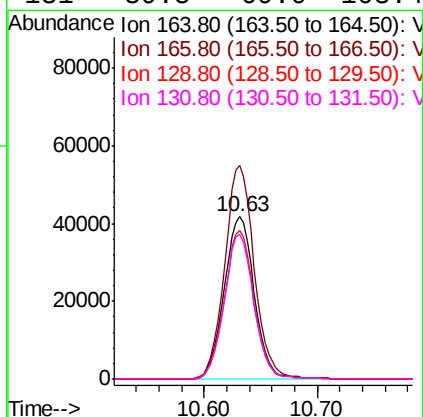
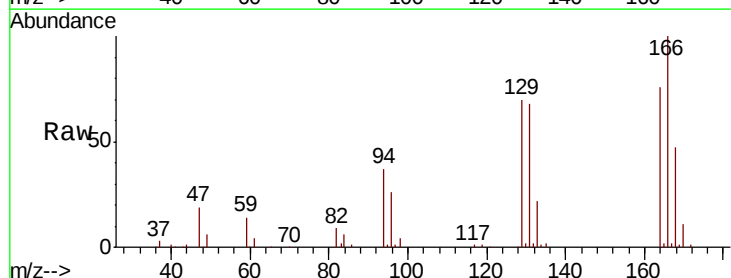
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBSD02

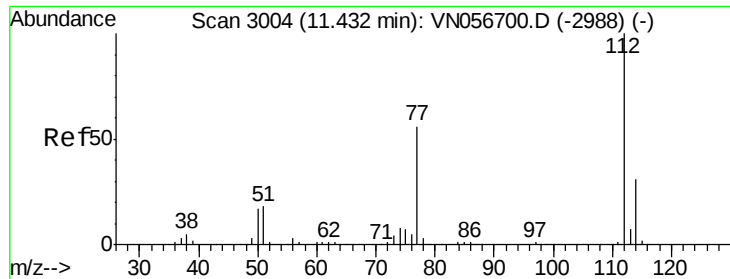
Tot Ion:117 Resp: 466699
Ion Ratio Lower Upper
117 100
82 52.9 42.2 63.2
119 32.0 25.2 37.8



#64
Tetrachloroethene
Concen: 19.214 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN056730.D
Acq: 15 Jul 2019 23:01

Tgt Ion:164 Resp: 77361
Ion Ratio Lower Upper
164 100
166 131.7 101.4 152.2
129 91.6 69.6 104.4
131 89.5 69.0 103.4

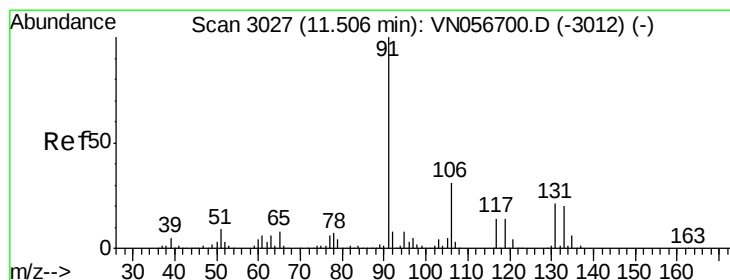
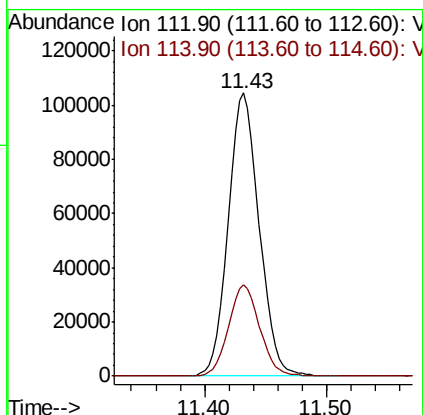
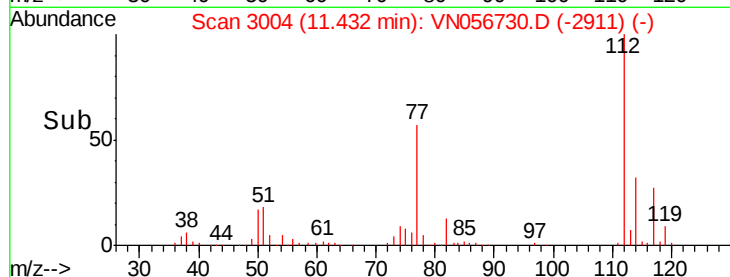
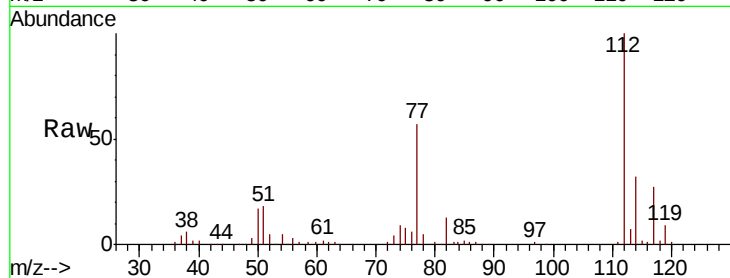




#65
Chlorobenzene
Concen: 19.366 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN056730.D
Acq: 15 Jul 2019 23:01

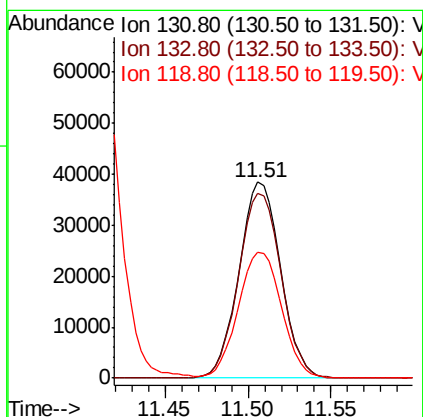
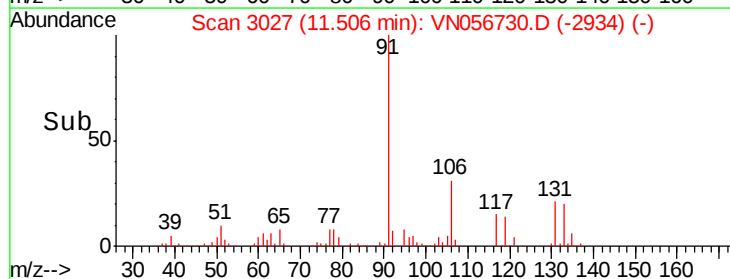
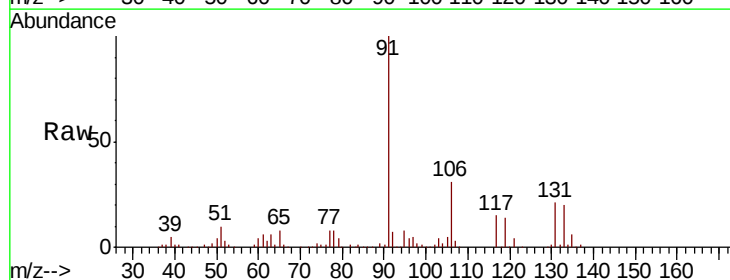
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBSD02

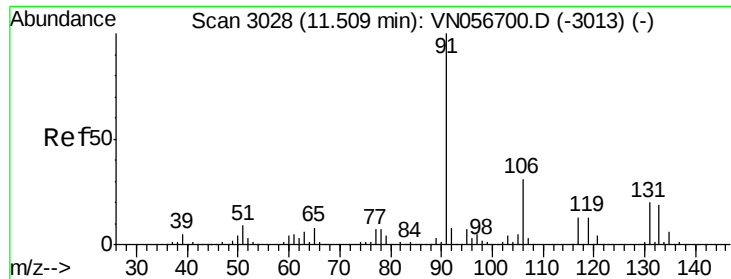
Tot Ion:112 Resp: 184808
Ion Ratio Lower Upper
112 100
114 32.2 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.135 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN056730.D
Acq: 15 Jul 2019 23:01

Tgt Ion:131 Resp: 67233
Ion Ratio Lower Upper
131 100
133 96.9 46.9 140.7
119 67.0 32.8 98.3

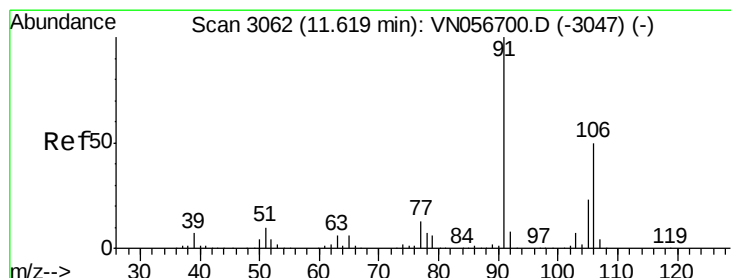
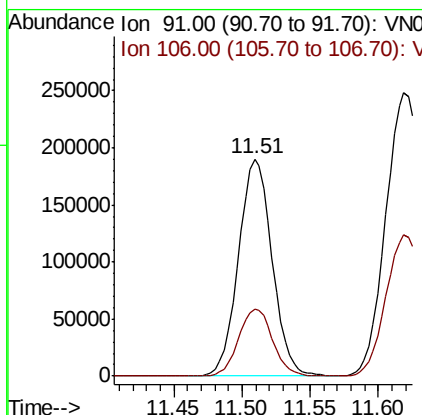
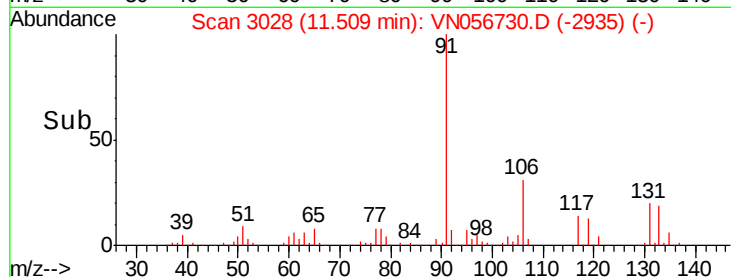
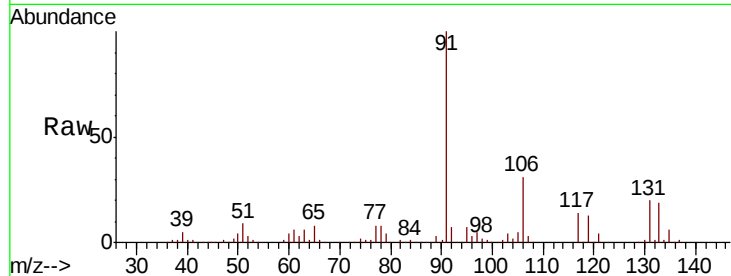




#67
Ethyl Benzene
Concen: 19.422 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN056730.D
Acq: 15 Jul 2019 23:01

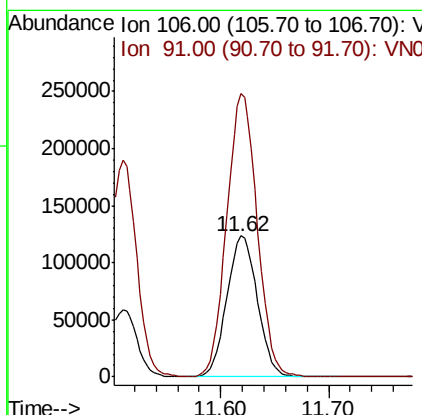
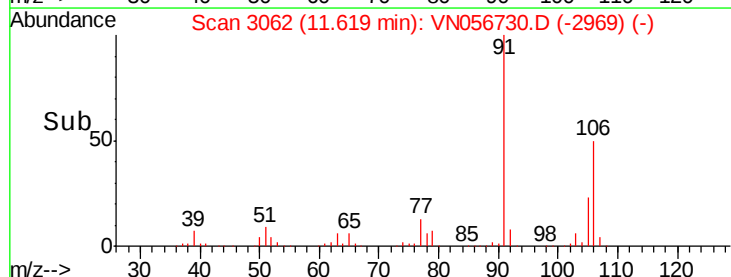
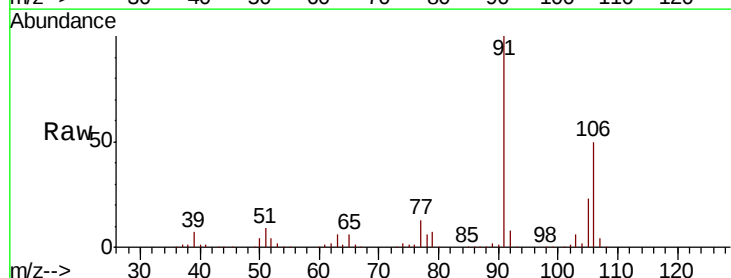
Instrument :
MSVOA_N
ClientSampled :
VN0715WBSD02

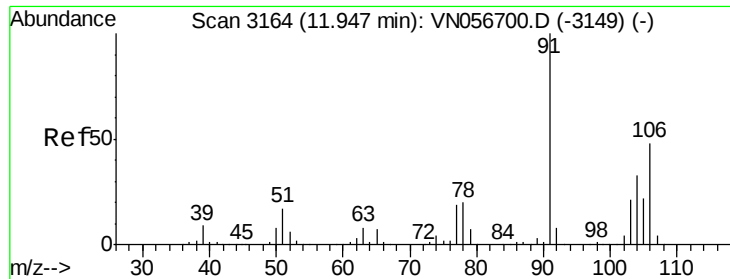
Tot Ion: 91 Resp: 325712
Ion Ratio Lower Upper
91 100
106 31.0 24.8 37.2



#68
m/p-Xylenes
Concen: 38.886 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN056730.D
Acq: 15 Jul 2019 23:01

Tgt Ion: 106 Resp: 243723
Ion Ratio Lower Upper
106 100
91 200.4 160.5 240.7

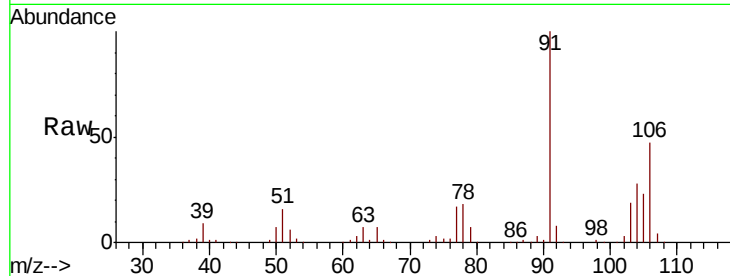




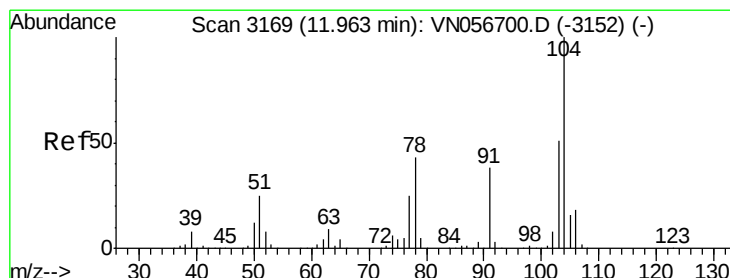
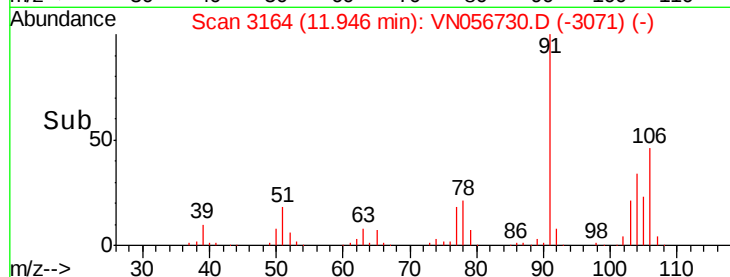
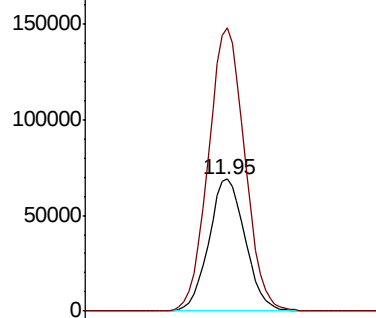
#69
o-Xylene
Concen: 18.902 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN056730.D
Acq: 15 Jul 2019 23:01

Instrument :
MSVOA_N
ClientSampleId :
VN0715WBSD02

Tot Ion:106 Resp: 116468
Ion Ratio Lower Upper
106 100
91 214.5 105.6 316.8

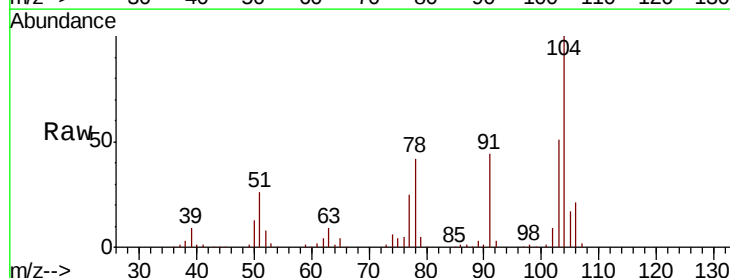


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

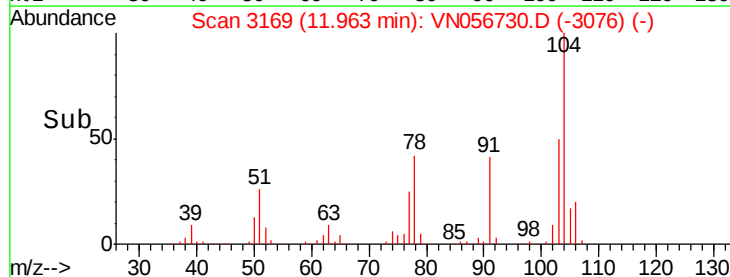
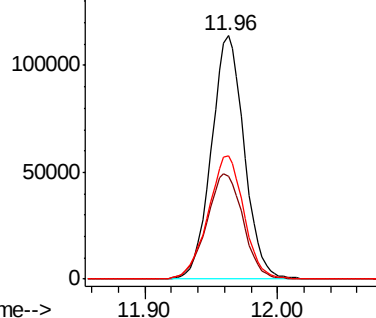


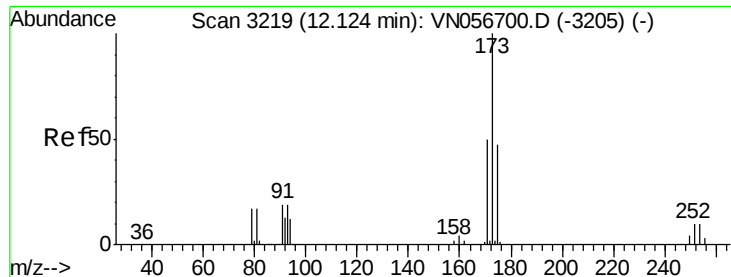
#70
Styrene
Concen: 19.653 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN056730.D
Acq: 15 Jul 2019 23:01

Tgt Ion:104 Resp: 195777
Ion Ratio Lower Upper
104 100
78 48.2 38.6 57.8
103 55.3 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V

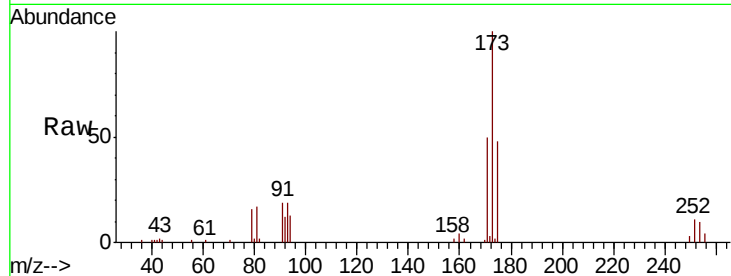




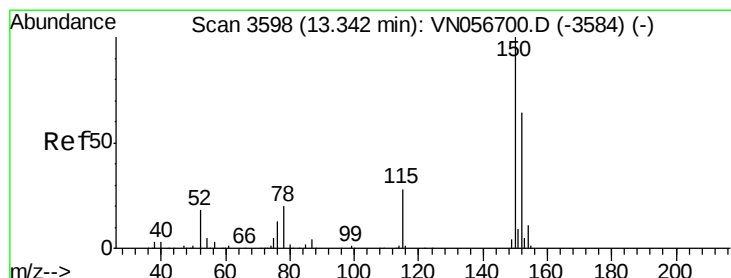
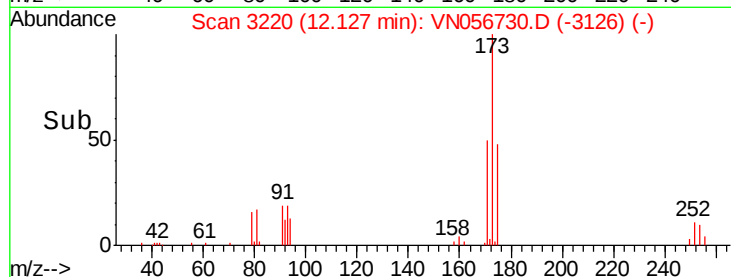
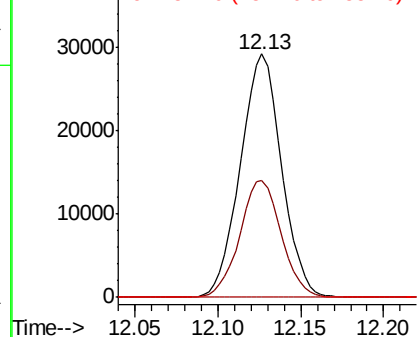
#71
Bromoform
Concen: 18.843 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056730.D
Acq: 15 Jul 2019 23:01

Instrument :
MSVOA_N
ClientSampleId :
VN0715WBSD02

Tot Ion:173 Resp: 50373
Ion Ratio Lower Upper
173 100
175 48.3 23.8 71.4
254 0.0 0.0 0.0

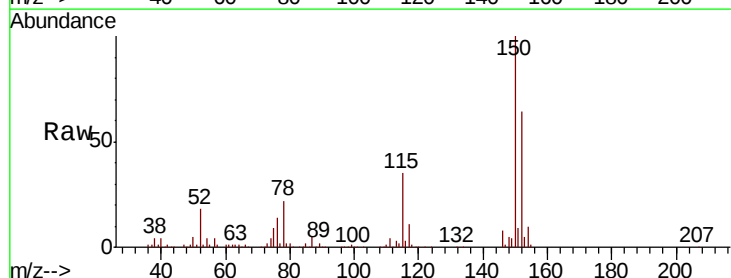


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

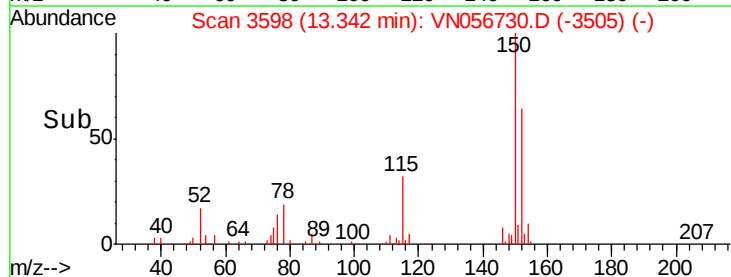
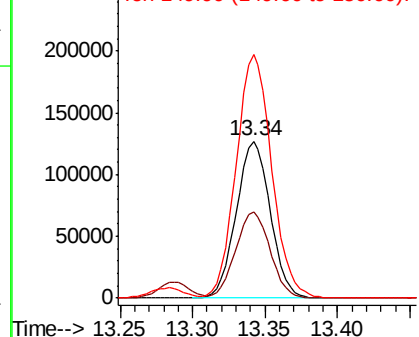


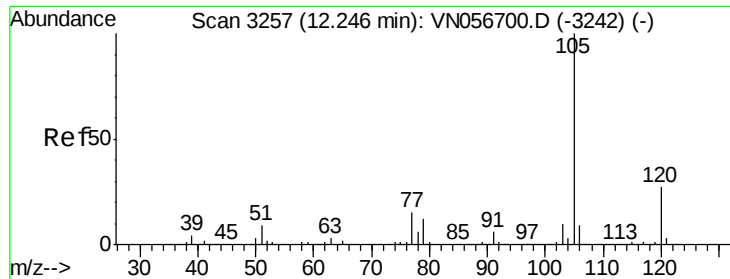
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056730.D
Acq: 15 Jul 2019 23:01

Tgt Ion:152 Resp: 206047
Ion Ratio Lower Upper
152 100
115 55.9 28.2 84.7
150 163.1 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.748 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056730.D

Acq: 15 Jul 2019 23:01

Instrument :

MSVOA_N

ClientSampleId :

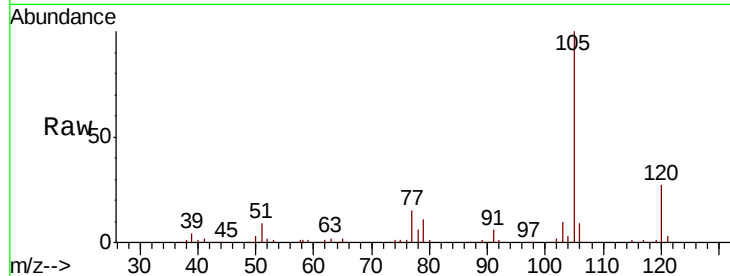
VN0715WBSD02

Tot Ion:105 Resp: 311474

Ion Ratio Lower Upper

105 100

120 27.1 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

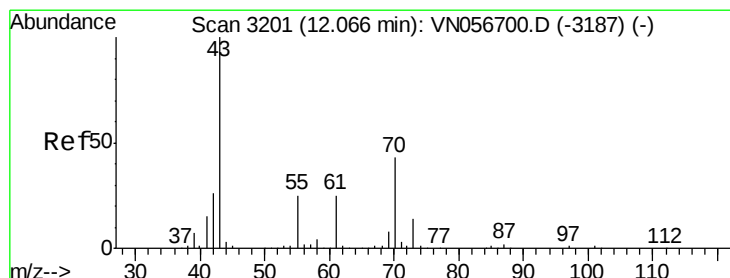
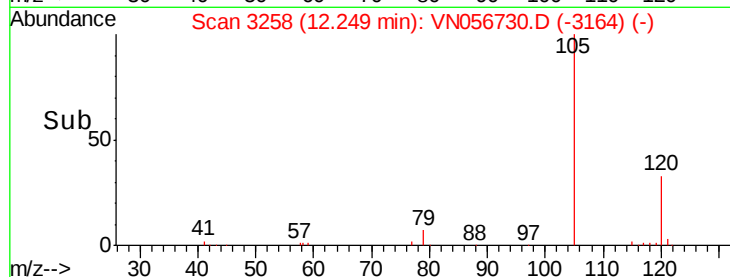
100000

50000

0

12.15 12.20 12.25 12.30

Time-->



#74

N-ethyl acetate

Concen: 16.646 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056730.D

Acq: 15 Jul 2019 23:01

Tgt Ion: 43 Resp: 102998

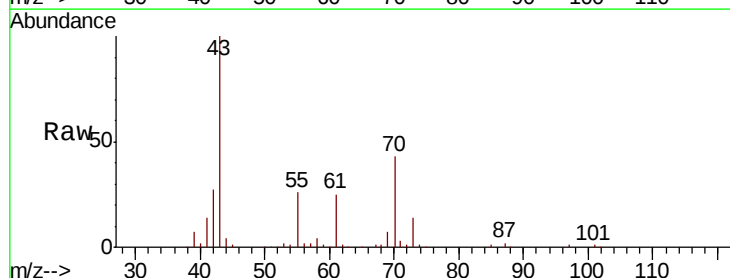
Ion Ratio Lower Upper

43 100

70 43.1 34.5 51.7

55 25.8 20.2 30.2

61 23.8 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

100000

80000

60000

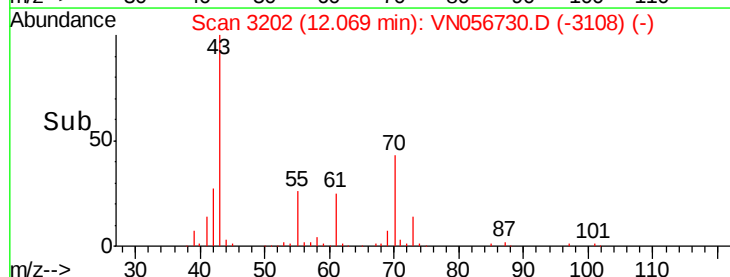
40000

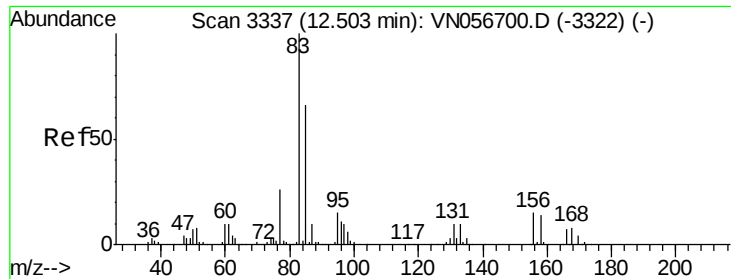
20000

0

12.00 12.05 12.10 12.15

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.440 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056730.D

Acq: 15 Jul 2019 23:01

Instrument :

MSVOA_N

ClientSampleId :

VN0715WBSD02

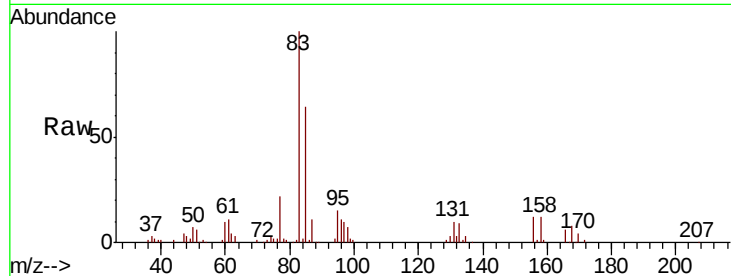
Tot Ion: 83 Resp: 99237

Ion Ratio Lower Upper

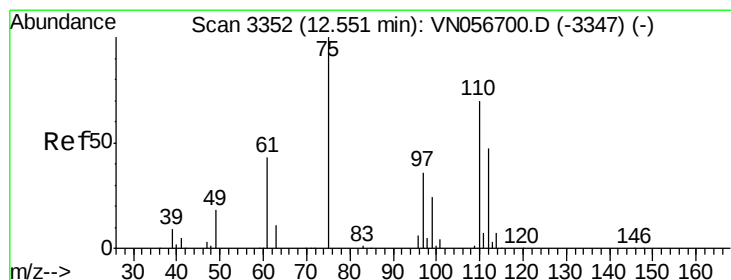
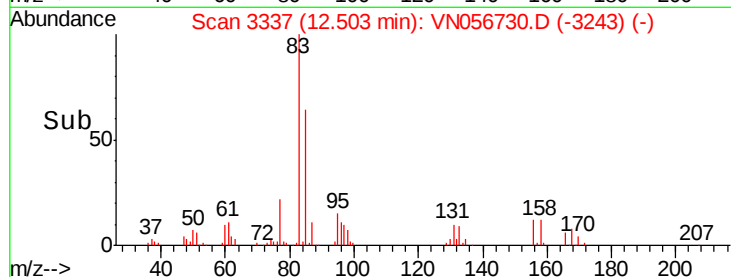
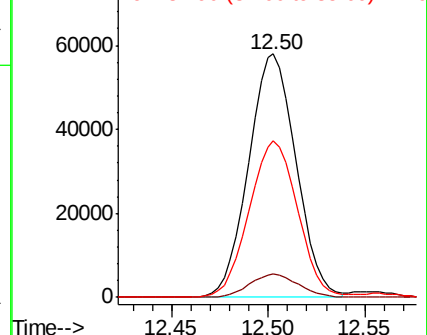
83 100

131 9.8 5.3 15.8

85 65.5 32.6 97.8



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 26.050 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056730.D

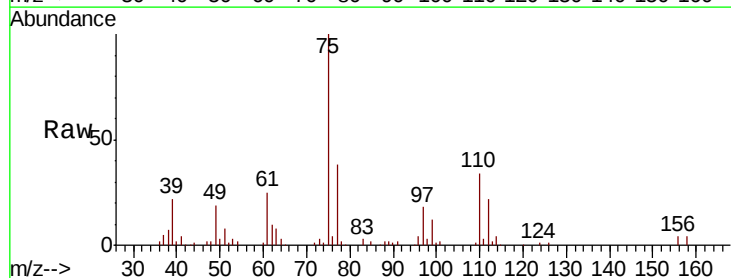
Acq: 15 Jul 2019 23:01

Tgt Ion: 75 Resp: 117397

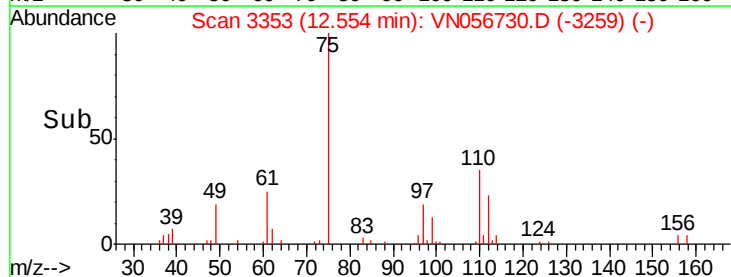
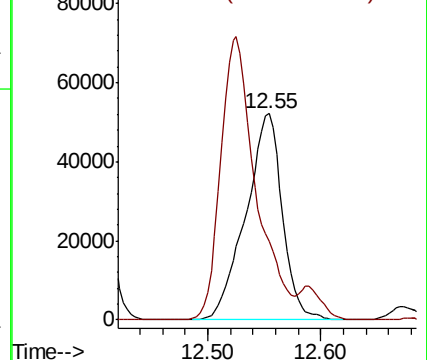
Ion Ratio Lower Upper

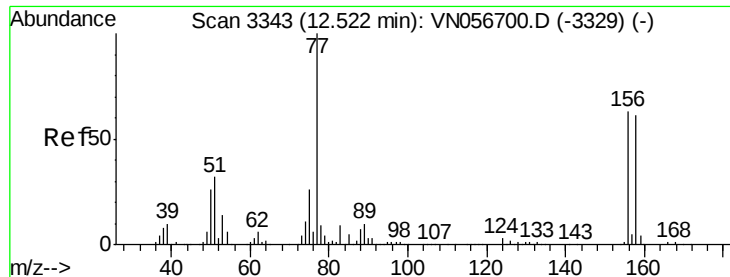
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 18.970 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056730.D

Acq: 15 Jul 2019 23:01

Instrument :

MSVOA_N

ClientSampleId :

VN0715WBSD02

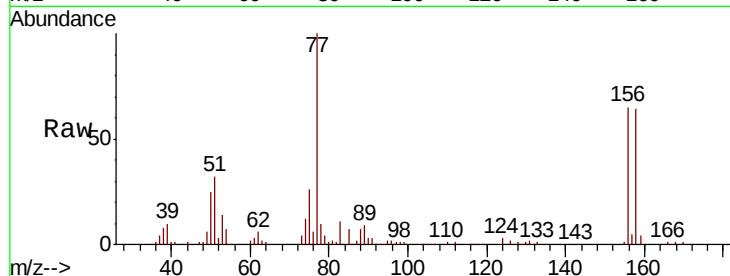
Tot Ion:156 Resp: 82433

Ion Ratio Lower Upper

156 100

77 188.6 97.2 291.6

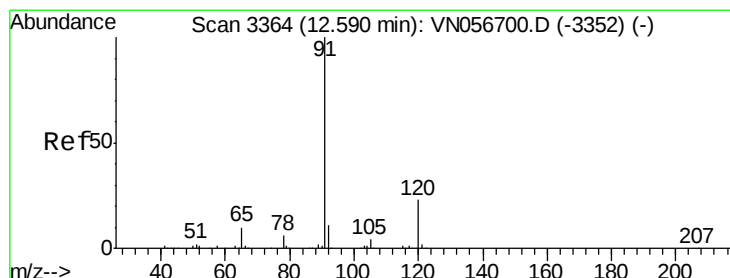
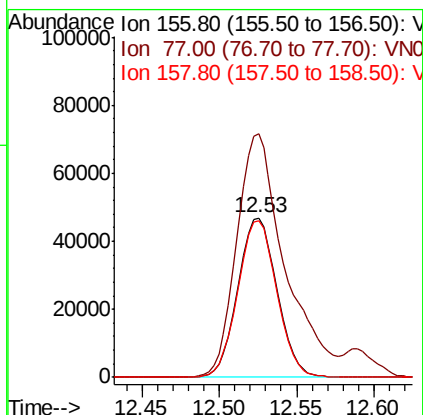
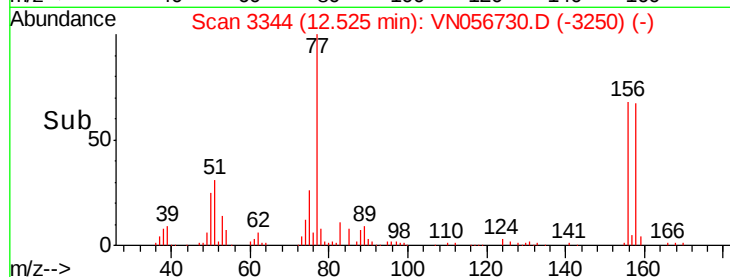
158 98.2 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.730 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN056730.D

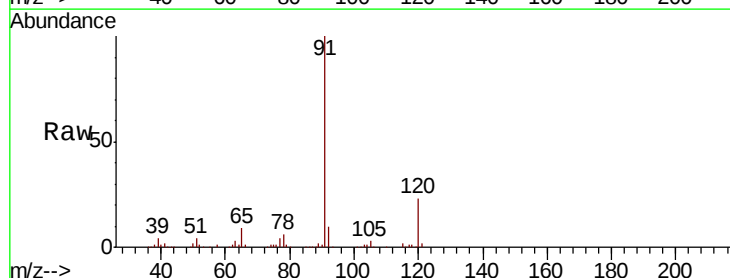
Acq: 15 Jul 2019 23:01

Tgt Ion: 91 Resp: 345463

Ion Ratio Lower Upper

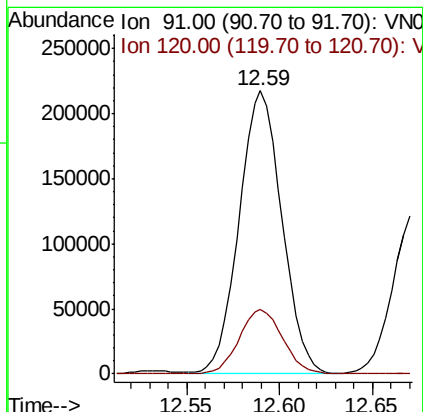
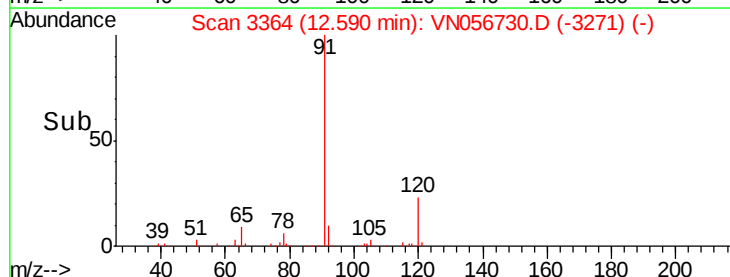
91 100

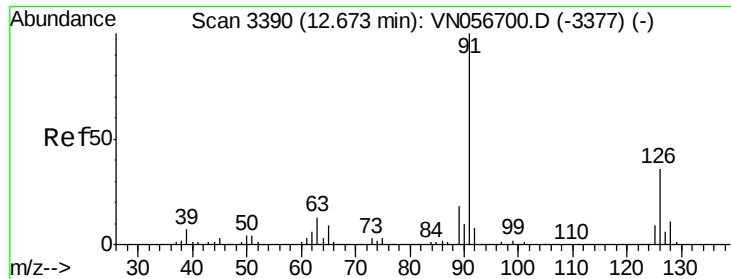
120 23.2 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

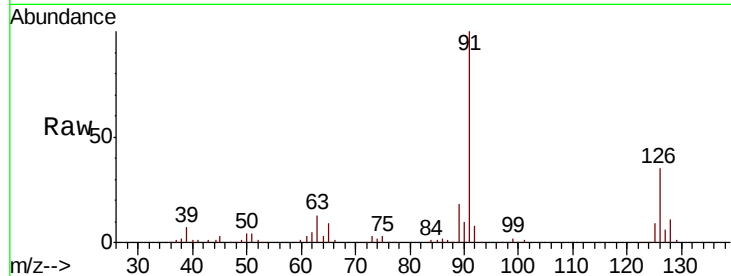




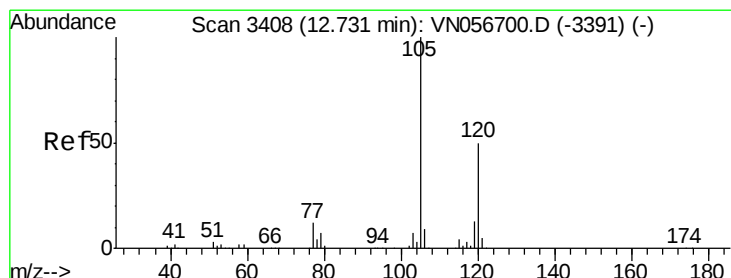
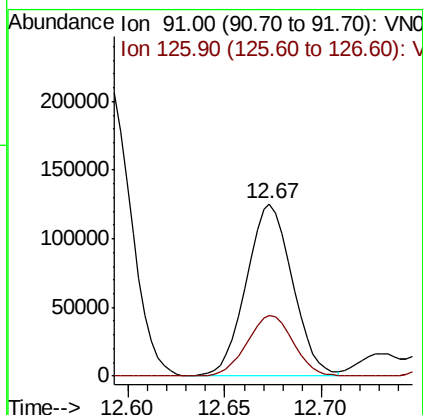
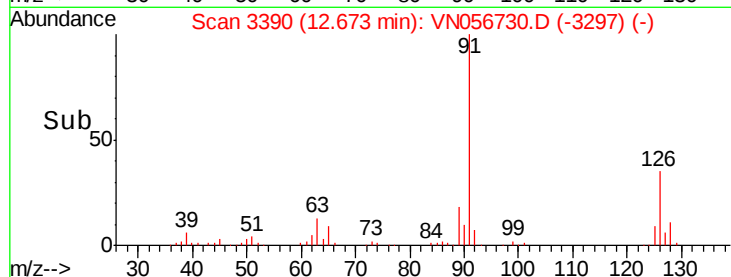
#79
 2-Chlorotoluene
 Concen: 19.337 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN056730.D
 Acq: 15 Jul 2019 23:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0715WBSD02

Tot Ion: 91 Resp: 207346
 Ion Ratio Lower Upper
 91 100
 126 35.4 17.9 53.7

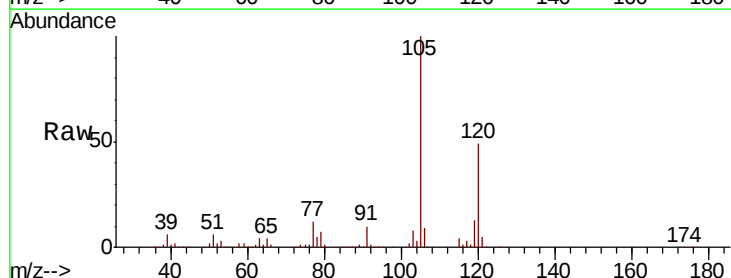


Abundance Ion 91.00 (90.70 to 91.70): VN056730.D (-3297) (-)
 Ion 125.90 (125.60 to 126.60): VN056730.D (-3297) (-)

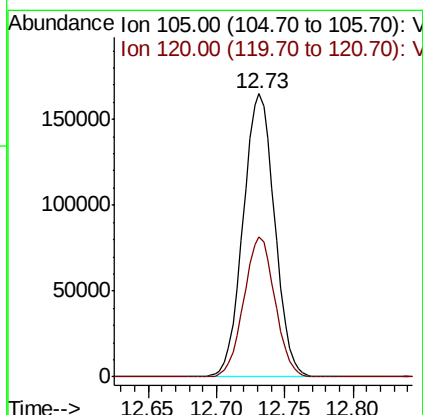
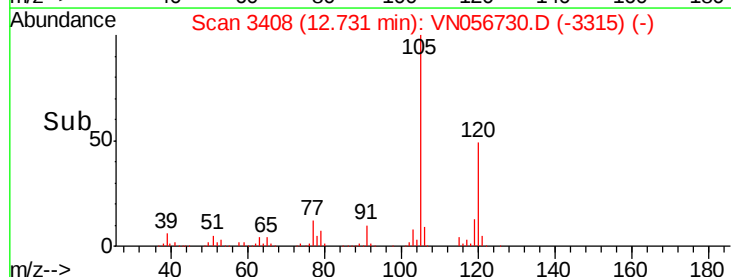


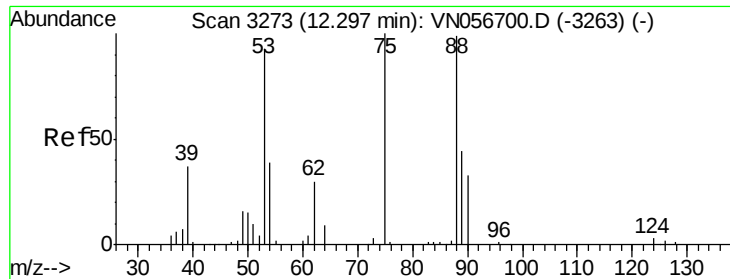
#80
 1,3,5-Trimethylbenzene
 Concen: 18.736 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN056730.D
 Acq: 15 Jul 2019 23:01

Tgt Ion: 105 Resp: 263816
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.8 74.3



Abundance Ion 105.00 (104.70 to 105.70): VN056730.D (-3315) (-)
 Ion 120.00 (119.70 to 120.70): VN056730.D (-3315) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.626 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056730.D

Acq: 15 Jul 2019 23:01

Instrument :

MSVOA_N

ClientSampled :

VN0715WBSD02

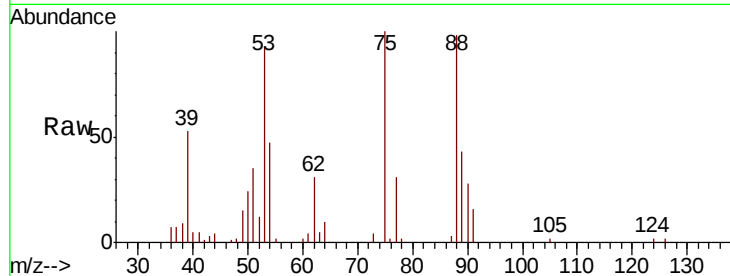
Tot Ion: 75 Resp: 24261

Ion Ratio Lower Upper

75 100

53 95.3 73.7 110.5

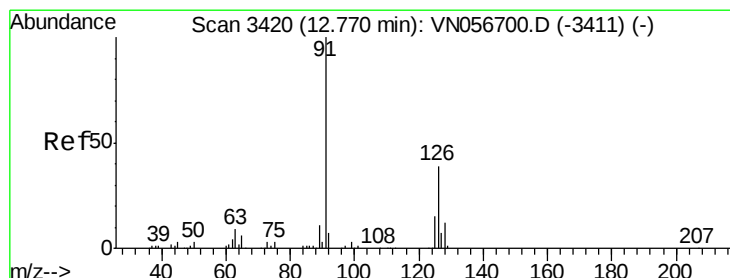
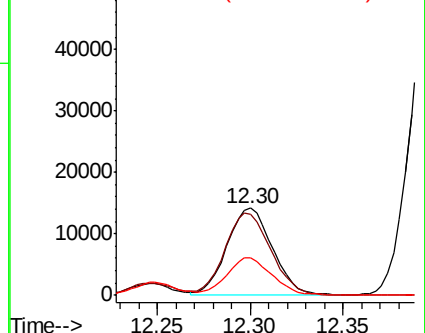
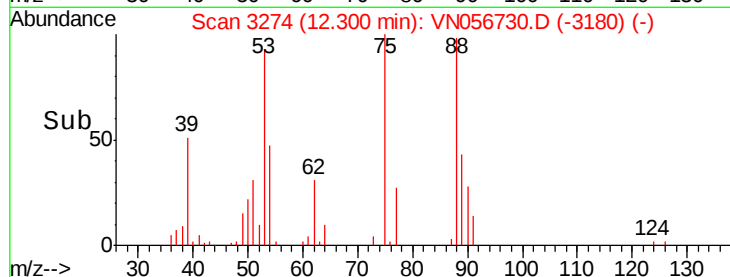
89 42.2 36.2 54.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 19.034 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056730.D

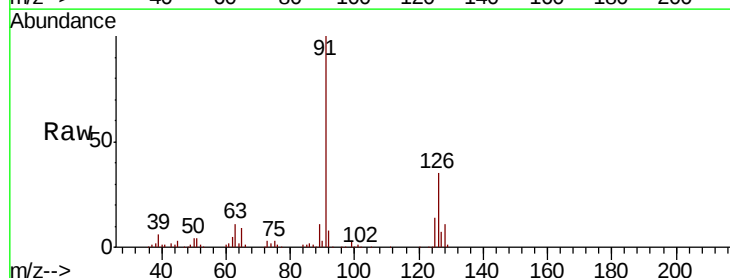
Acq: 15 Jul 2019 23:01

Tgt Ion: 91 Resp: 206024

Ion Ratio Lower Upper

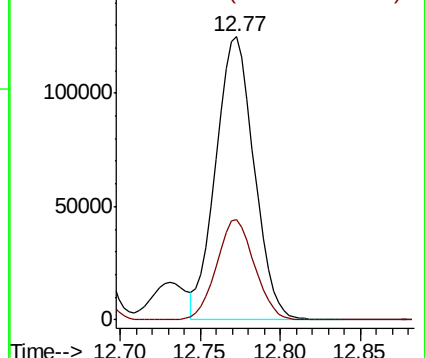
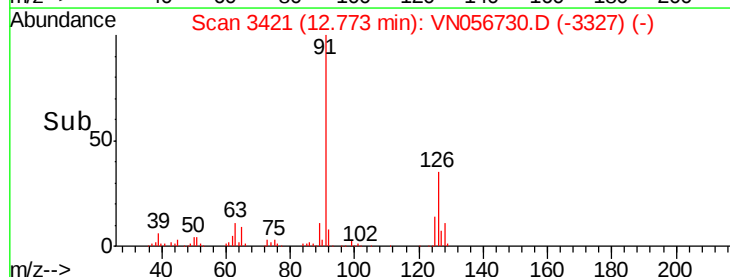
91 100

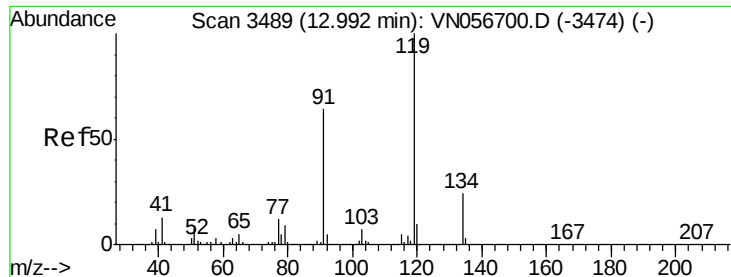
126 35.0 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

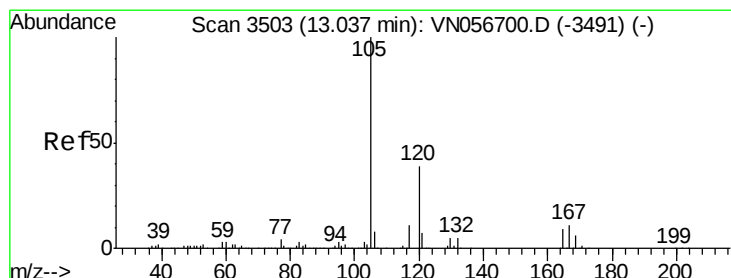
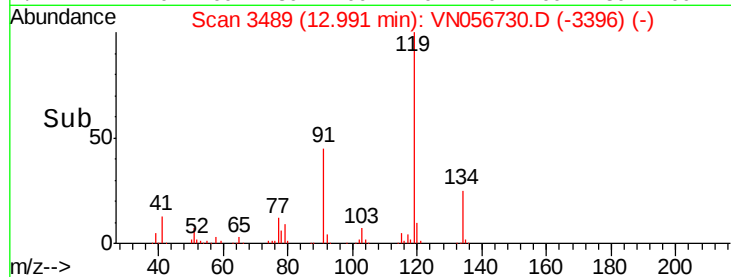
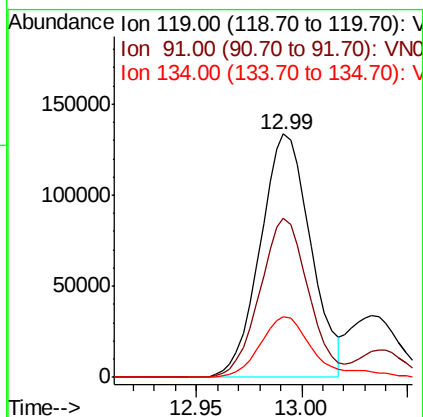
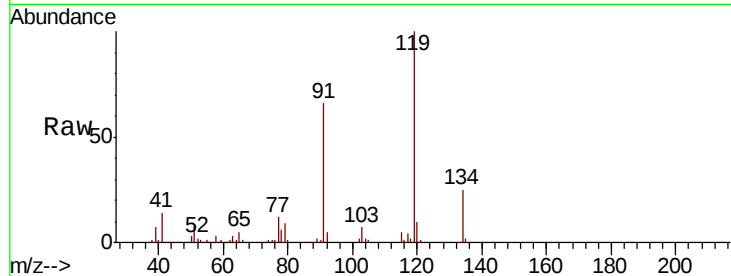




#83
 tert-Butylbenzene
 Concen: 19.364 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN056730.D
 Acq: 15 Jul 2019 23:01

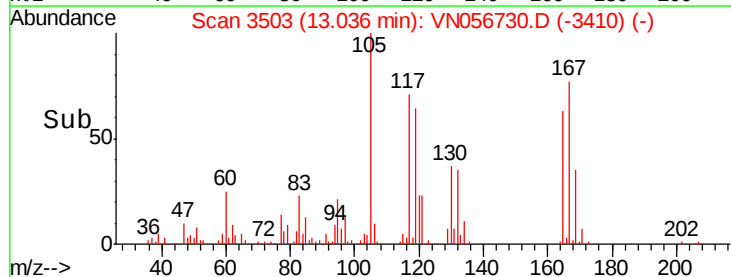
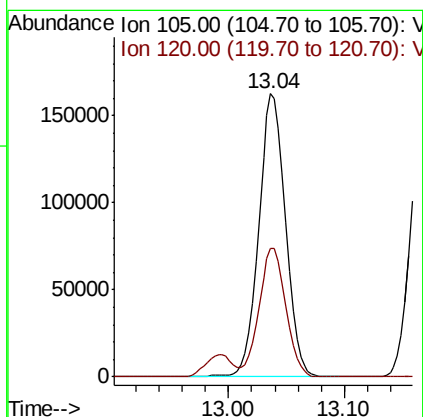
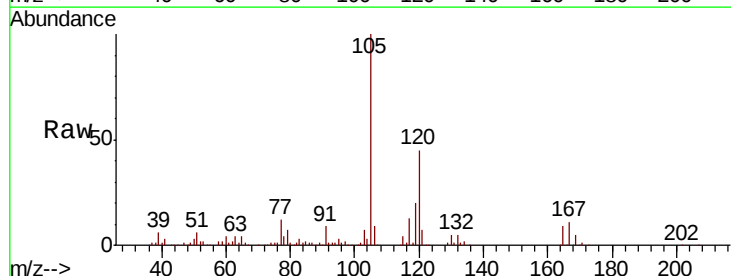
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0715WBSD02

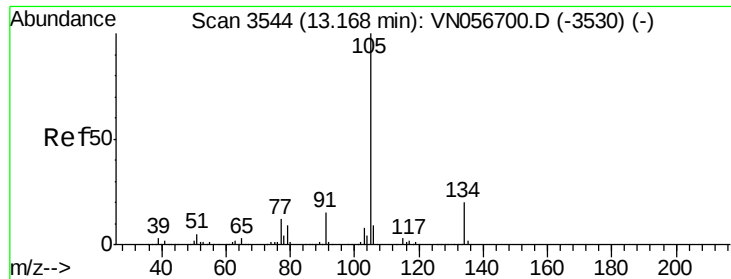
Tot Ion:119 Resp: 222256
 Ion Ratio Lower Upper
 119 100
 91 63.1 31.8 95.4
 134 26.6 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 19.007 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN056730.D
 Acq: 15 Jul 2019 23:01

Tgt Ion:105 Resp: 261460
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.9 68.8





#85

sec-Butylbenzene

Concen: 18.777 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN056730.D

Acq: 15 Jul 2019 23:01

Instrument :

MSVOA_N

ClientSampleId :

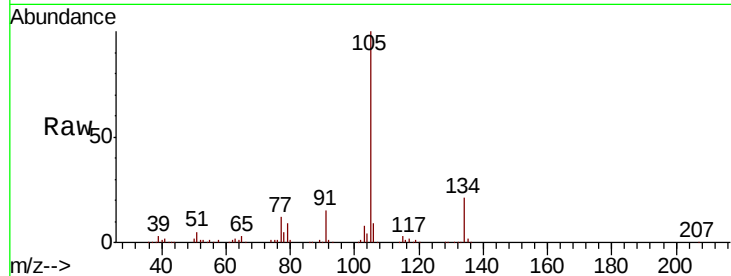
VN0715WBSD02

Tot Ion:105 Resp: 293791

Ion Ratio Lower Upper

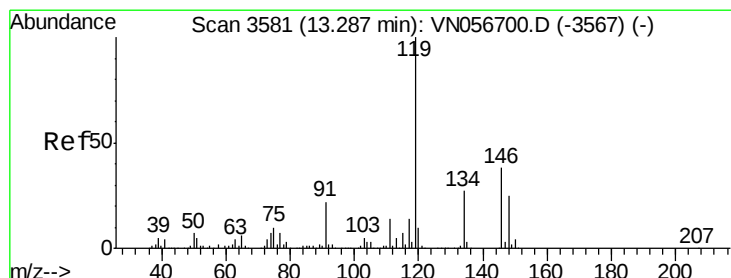
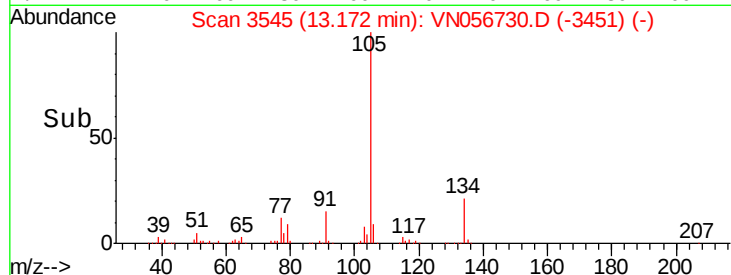
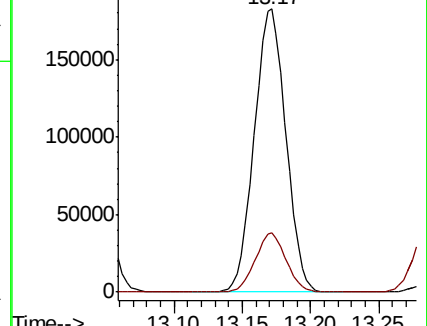
105 100

134 20.3 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.887 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN056730.D

Acq: 15 Jul 2019 23:01

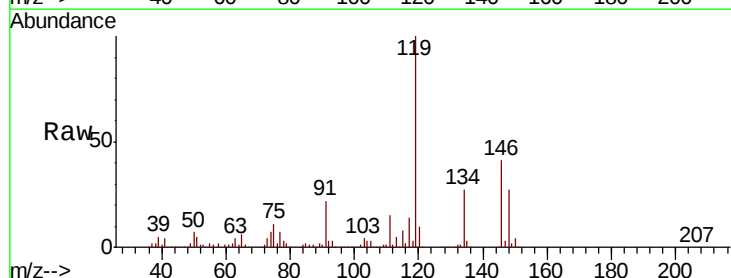
Tgt Ion:119 Resp: 267701

Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.7

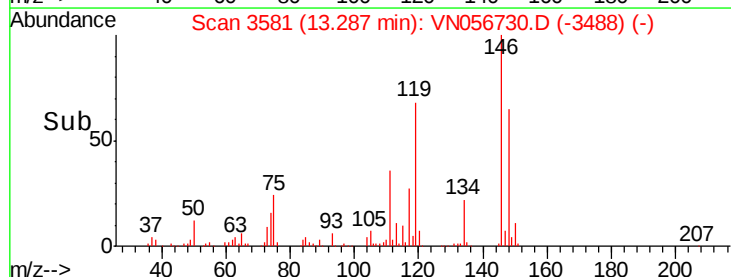
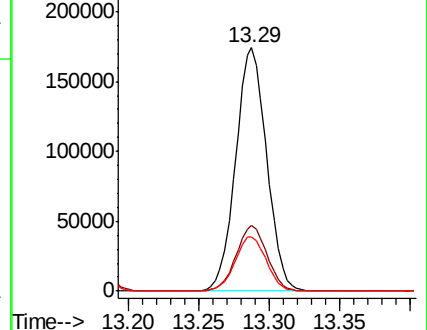
91 22.6 11.2 33.5

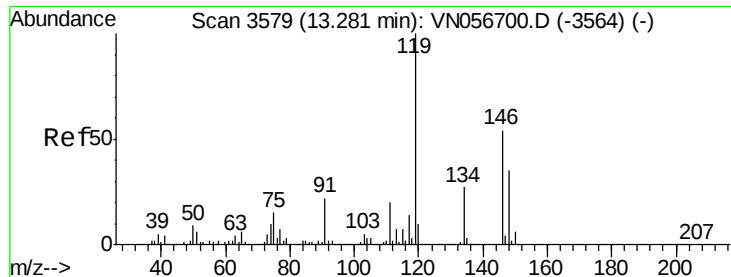


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

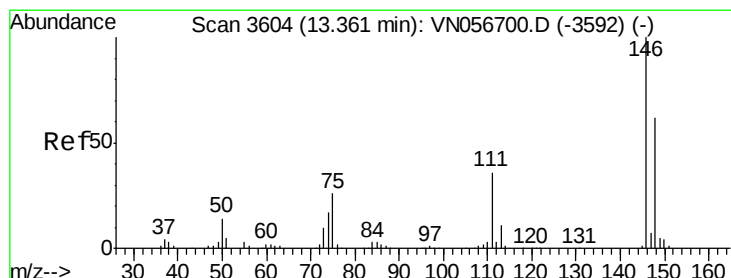
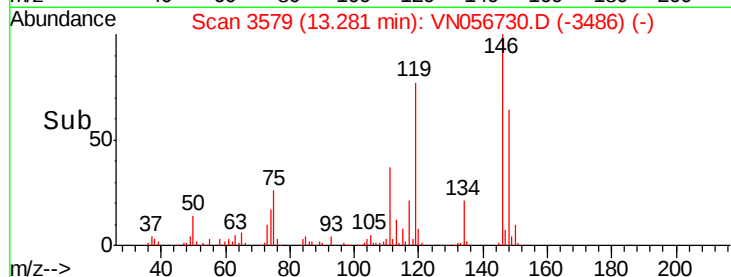
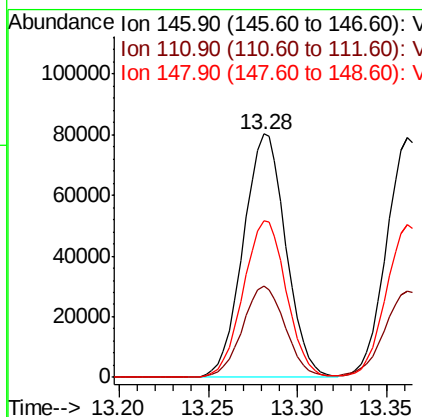
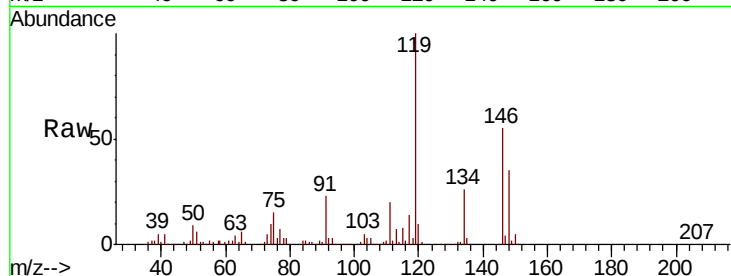




#87
 1,3-Dichlorobenzene
 Concen: 18.841 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN056730.D
 Acq: 15 Jul 2019 23:01

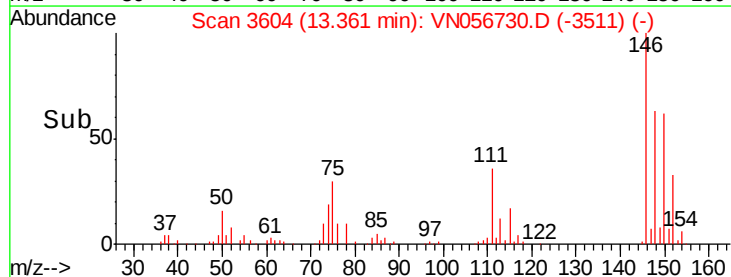
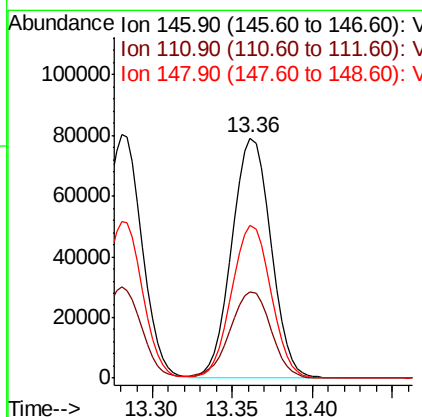
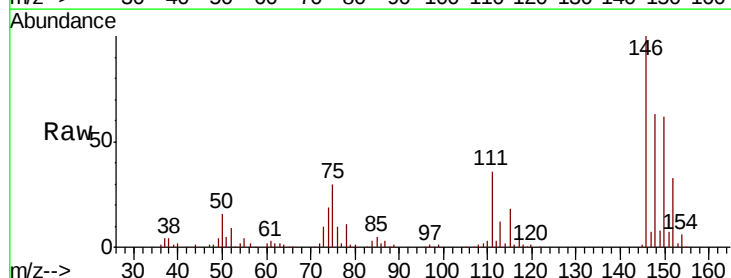
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0715WBSD02

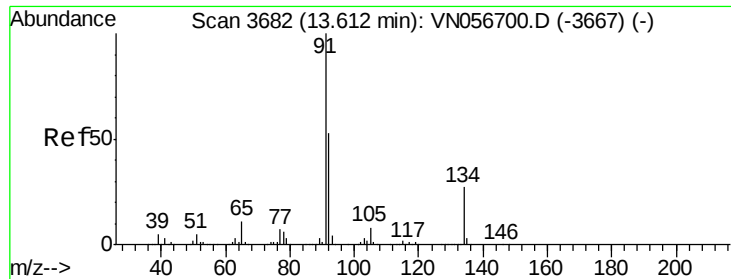
Tot Ion:146 Resp: 134178
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.8 56.3
 148 65.1 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 19.067 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN056730.D
 Acq: 15 Jul 2019 23:01

Tgt Ion:146 Resp: 132078
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.6 55.8
 148 64.0 31.9 95.7

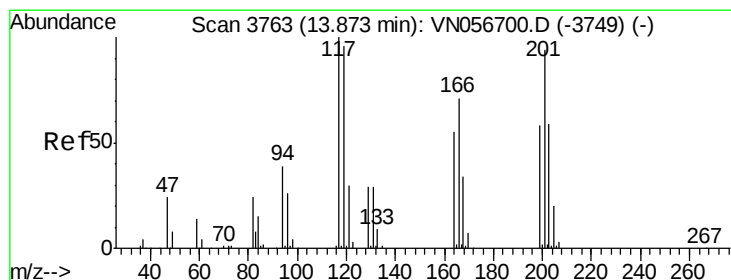
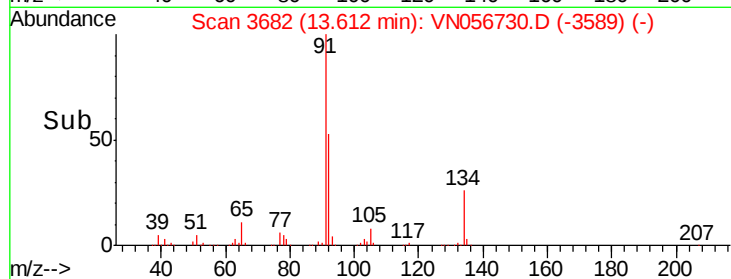
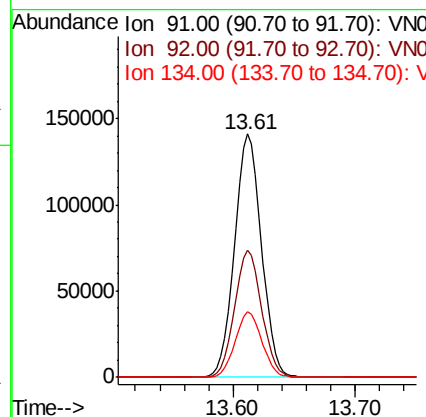
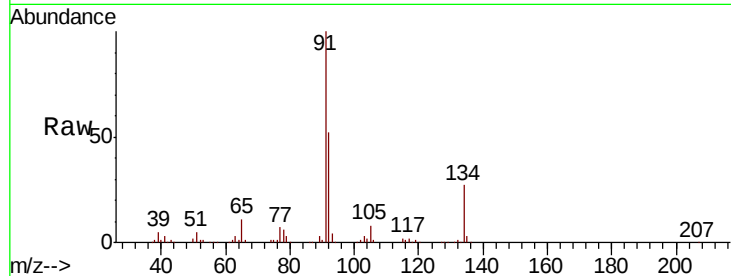




#89
n-Butylbenzene
Concen: 19.022 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN056730.D
Acq: 15 Jul 2019 23:01

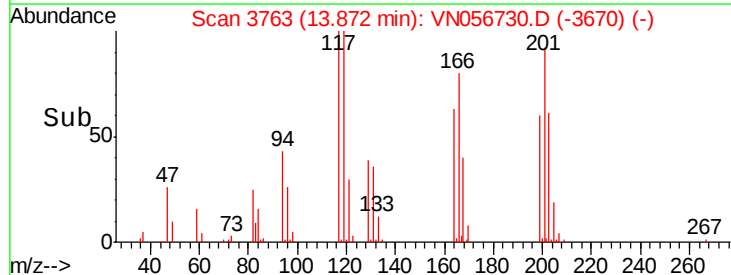
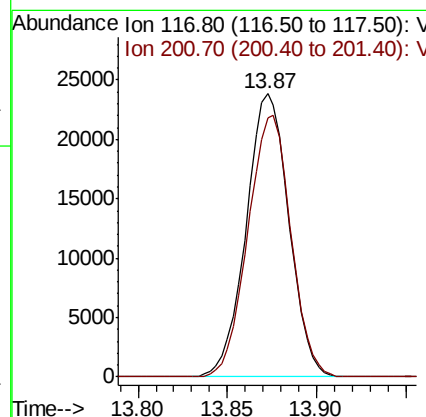
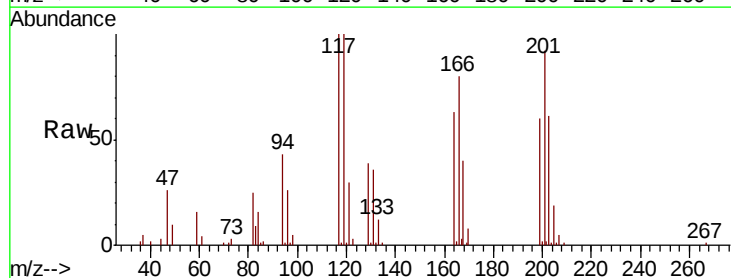
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBSD02

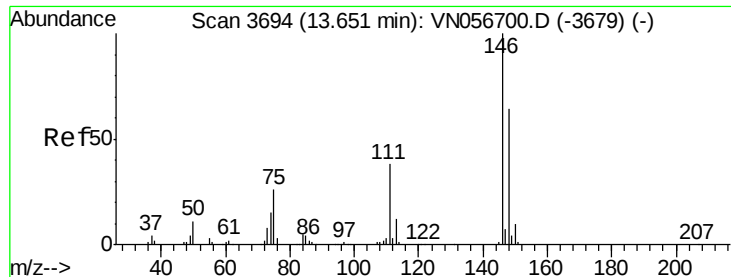
Tot Ion: 91 Resp: 217176
Ion Ratio Lower Upper
91 100
92 52.3 26.0 78.0
134 26.7 13.4 40.2



#90
Hexachloroethane
Concen: 17.374 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN056730.D
Acq: 15 Jul 2019 23:01

Tgt Ion: 117 Resp: 39824
Ion Ratio Lower Upper
117 100
201 93.0 46.5 139.5





#91

1,2-Dichlorobenzene

Concen: 18.628 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN056730.D

Acq: 15 Jul 2019 23:01

Instrument :

MSVOA_N

ClientSampleId :

VN0715WBSD02

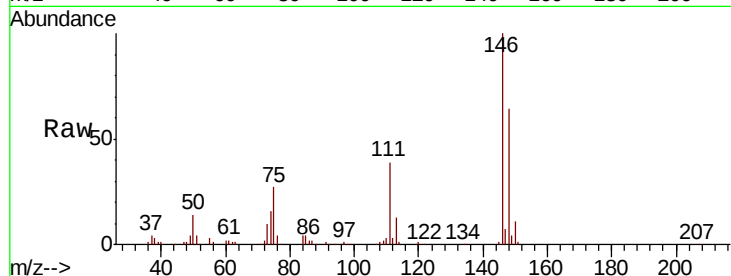
Tot Ion:146 Resp: 135676

Ion Ratio Lower Upper

146 100

111 39.5 19.1 57.1

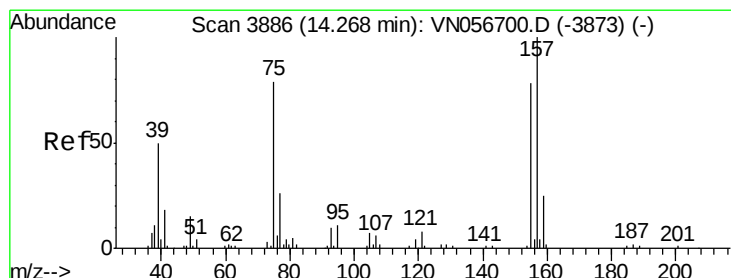
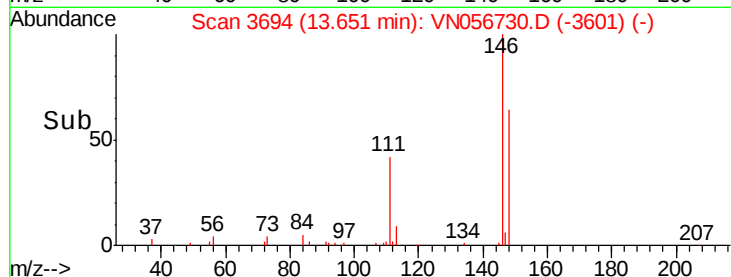
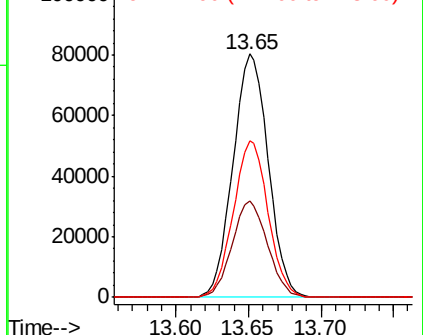
148 63.3 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.087 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN056730.D

Acq: 15 Jul 2019 23:01

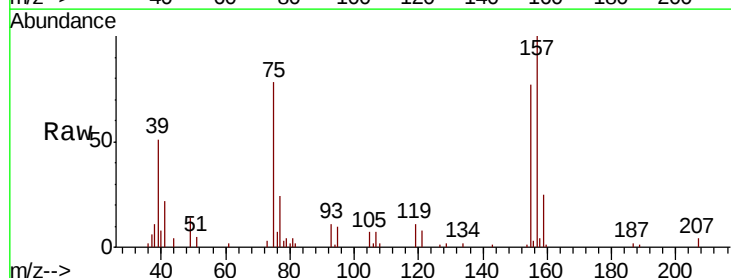
Tgt Ion: 75 Resp: 17004

Ion Ratio Lower Upper

75 100

155 97.0 49.3 147.9

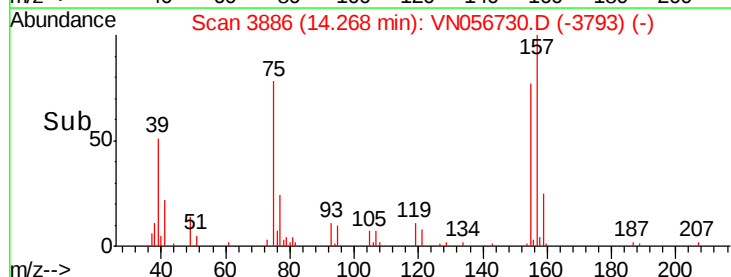
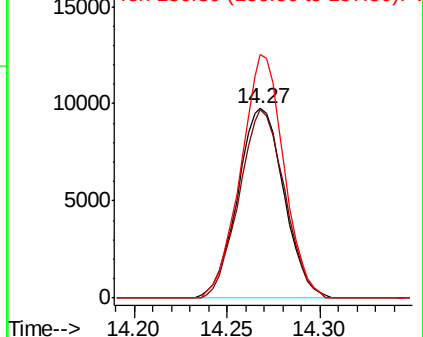
157 119.0 62.4 187.1

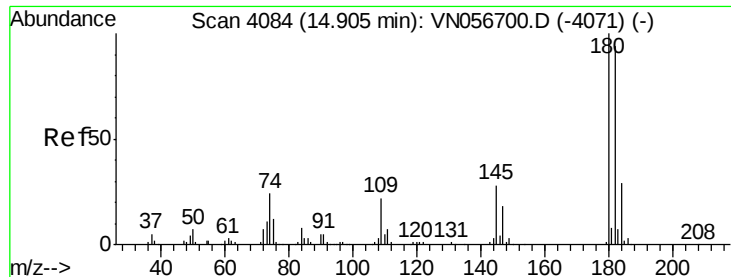


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

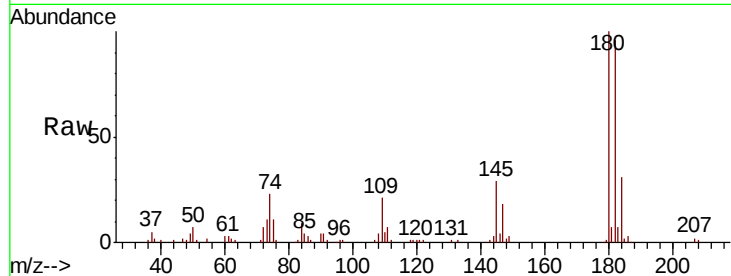




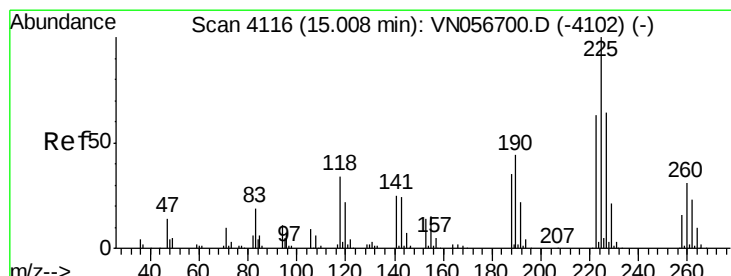
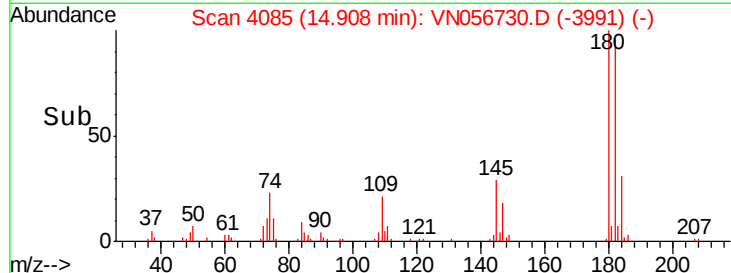
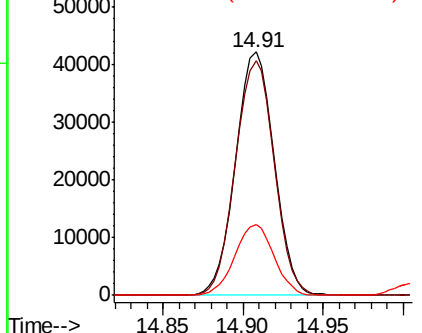
#93
 1,2,4-Trichlorobenzene
 Concen: 19.645 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056730.D
 Acq: 15 Jul 2019 23:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0715WBSD02

Tot Ion:180 Resp: 69310
 Ion Ratio Lower Upper
 180 100
 182 96.8 47.2 141.6
 145 29.4 14.2 42.8

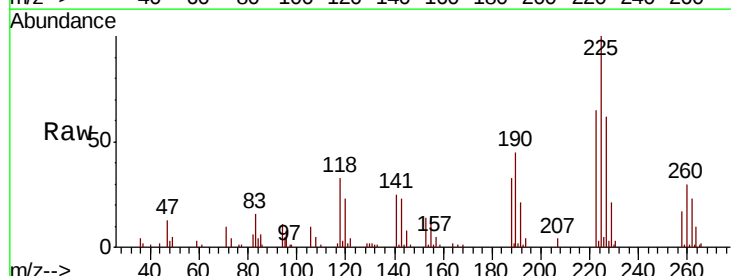


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

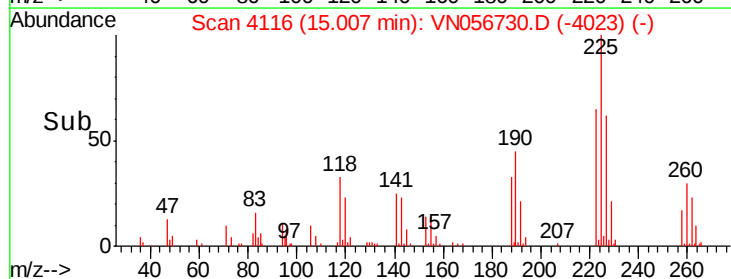
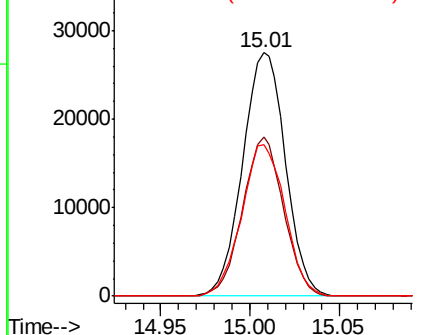


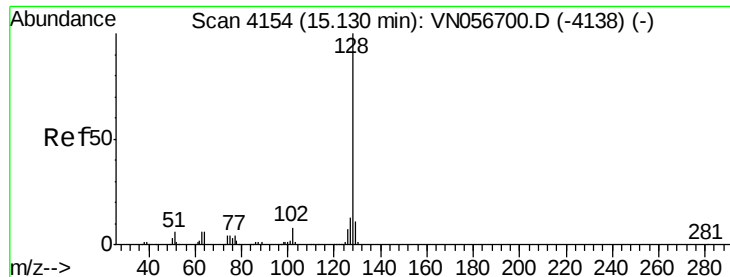
#94
 Hexachlorobutadiene
 Concen: 19.425 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056730.D
 Acq: 15 Jul 2019 23:01

Tgt Ion:225 Resp: 46259
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.5 94.5
 227 62.9 32.0 96.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.561 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056730.D

Acq: 15 Jul 2019 23:01

Instrument :

MSVOA_N

ClientSampleId :

VN0715WBSD02

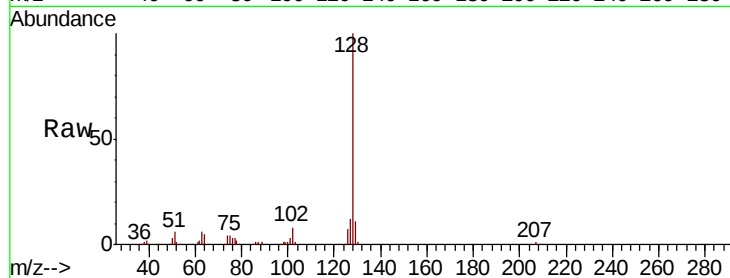
Tot Ion:128 Resp: 182498

Ion Ratio Lower Upper

128 100

127 12.4 10.3 15.5

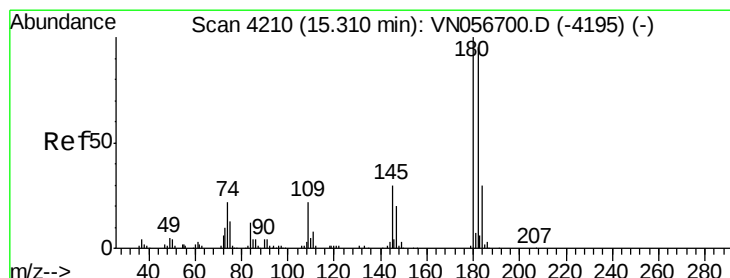
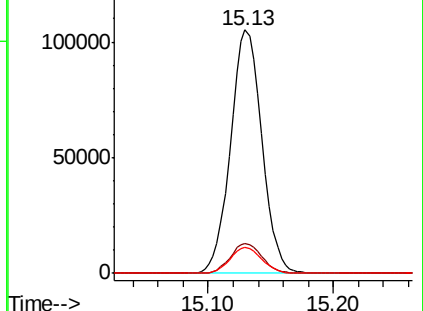
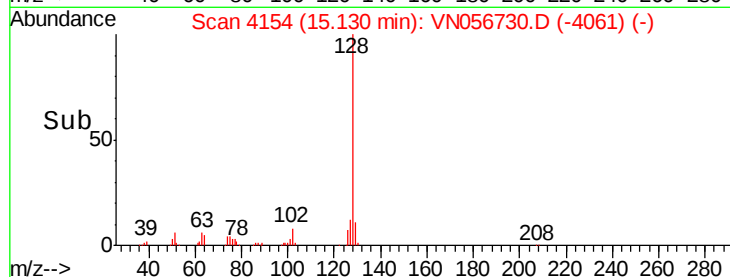
129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.621 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. 0.00 min

Lab File: VN056730.D

Acq: 15 Jul 2019 23:01

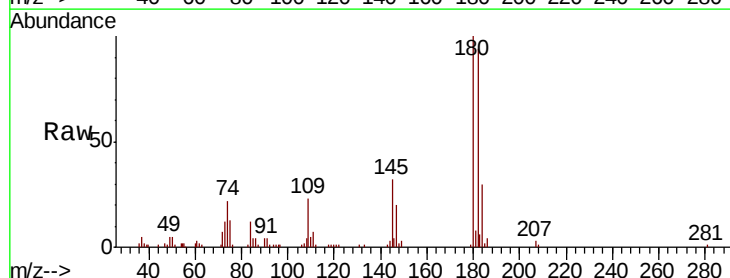
Tgt Ion:180 Resp: 74025

Ion Ratio Lower Upper

180 100

182 94.7 47.1 141.3

145 31.2 15.0 45.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

