

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090619\
 Data File : VN057718.D
 Acq On : 6 Sep 2019 17:31
 Operator : JC/SP
 Sample : VN0906WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0906WBSD01

Quant Time: Sep 06 23:25:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 03:46:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	194260	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	321466	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	294471	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	163106	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	231897	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
35) Dibromofluoromethane	7.58	113	145706	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
50) Toluene-d8	10.08	98	551043	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
62) 4-Bromofluorobenzene	12.40	95	214140	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.84	85	57254	18.559	ug/l	99
3) Chloromethane	2.03	50	60664	14.160	ug/l	96
4) Vinyl Chloride	2.16	62	49803	18.642	ug/l	99
5) Bromomethane	2.54	94	26298	21.433	ug/l	99
6) Chloroethane	2.68	64	28567	18.112	ug/l #	88
7) Trichlorofluoromethane	3.00	101	73946	17.247	ug/l	100
8) Diethyl Ether	3.39	74	33733	19.690	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	49848	18.629	ug/l	99
10) Methyl Iodide	3.93	142	56003	21.124	ug/l	98
11) Tert butyl alcohol	4.76	59	50874	94.749	ug/l #	86
12) 1,1-Dichloroethene	3.71	96	45500	18.899	ug/l	99
13) Acrolein	3.59	56	23947	93.781	ug/l	95
14) Allyl chloride	4.30	41	102580	18.645	ug/l	99
15) Acrylonitrile	4.96	53	137033	99.268	ug/l	100
16) Acetone	3.80	43	137112	94.281	ug/l	97
17) Carbon Disulfide	4.03	76	99506	18.242	ug/l	100
18) Methyl Acetate	4.31	43	75198	19.014	ug/l	100
19) Methyl tert-butyl Ether	5.02	73	192203	19.016	ug/l	98
20) Methylene Chloride	4.53	84	59835	19.028	ug/l	98
21) trans-1,2-Dichloroethene	5.02	96	48923	19.312	ug/l	88
22) Diisopropyl ether	5.93	45	219668	18.875	ug/l	99
23) Vinyl Acetate	5.88	43	925744	98.274	ug/l	100
24) 1,1-Dichloroethane	5.83	63	113509	19.022	ug/l	98
25) 2-Butanone	6.82	43	204965	98.415	ug/l	99
26) 2,2-Dichloropropane	6.81	77	92521	18.585	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	62377	19.616	ug/l	97
28) Bromochloromethane	7.17	49	57029	18.265	ug/l	96
29) Tetrahydrofuran	7.20	42	130472	97.143	ug/l	98
30) Chloroform	7.36	83	118304	19.026	ug/l	97
31) Cyclohexane	7.64	56	92975	17.529	ug/l	91
32) 1,1,1-Trichloroethane	7.55	97	96666	18.664	ug/l	99
36) 1,1-Dichloropropene	7.78	75	78522	18.361	ug/l	98
37) Ethyl Acetate	6.91	43	86281	20.322	ug/l	99
38) Carbon Tetrachloride	7.76	117	77256	18.866	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090619\
 Data File : VN057718.D
 Acq On : 6 Sep 2019 17:31
 Operator : JC/SP
 Sample : VN0906WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0906WBSD01

Quant Time: Sep 06 23:25:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 03:46:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	85179	18.830	ug/l	98
40) Benzene	8.03	78	230820	19.082	ug/l	96
41) Methacrylonitrile	7.16	41	41620	20.054	ug/l	97
42) 1,2-Dichloroethane	8.11	62	105154	18.546	ug/l	99
43) Isopropyl Acetate	8.15	43	152187	18.675	ug/l	96
44) Trichloroethene	8.83	130	52830	19.432	ug/l	95
45) 1,2-Dichloropropane	9.11	63	66898	19.774	ug/l	94
46) Dibromomethane	9.20	93	43093	19.858	ug/l	97
47) Bromodichloromethane	9.40	83	86845	18.830	ug/l	99
48) Methyl methacrylate	9.19	41	75973	18.127	ug/l	98
49) 1,4-Dioxane	9.19	88	19832	406.682	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	454677	100.463	ug/l	100
52) Toluene	10.15	92	141525	19.304	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	85792	18.542	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	94690	18.942	ug/l	96
55) 1,1,2-Trichloroethane	10.56	97	58049	19.675	ug/l	93
56) Ethyl methacrylate	10.43	69	89885	19.087	ug/l	98
57) 1,3-Dichloropropane	10.70	76	103103	19.454	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.69	63	243212	101.796	ug/l	99
59) 2-Hexanone	10.75	43	324194	101.583	ug/l	99
60) Dibromochloromethane	10.90	129	53803	18.138	ug/l	98
61) 1,2-Dibromoethane	11.00	107	56445	19.928	ug/l	99
64) Tetrachloroethene	10.63	164	43757	19.060	ug/l	96
65) Chlorobenzene	11.43	112	148484	19.330	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	54561	20.413	ug/l	97
67) Ethyl Benzene	11.51	91	288852	19.490	ug/l	99
68) m/p-Xylenes	11.62	106	201513	39.476	ug/l	99
69) o-Xylene	11.95	106	101187	20.019	ug/l	98
70) Styrene	11.96	104	168876	19.309	ug/l	100
71) Bromoform	12.13	173	32289	18.360	ug/l #	95
73) Isopropylbenzene	12.25	105	279959	19.414	ug/l	99
74) N-amyl acetate	12.07	43	135401	18.797	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	85630	19.803	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	108896	29.074	ug/l #	100
77) Bromobenzene	12.53	156	63803	20.366	ug/l	94
78) n-propylbenzene	12.59	91	331096	19.326	ug/l	99
79) 2-Chlorotoluene	12.68	91	203772	19.538	ug/l	99
80) 1,3,5-Trimethylbenzene	12.74	105	238727	19.489	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	19101	15.860	ug/l	88
82) 4-Chlorotoluene	12.78	91	204711	19.058	ug/l	99
83) tert-Butylbenzene	13.00	119	196003	18.980	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	237015	19.533	ug/l	99
85) sec-Butylbenzene	13.17	105	271995	19.119	ug/l	100
86) p-Isopropyltoluene	13.29	119	239516	19.865	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	112759	19.254	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	112346	19.176	ug/l	97
89) n-Butylbenzene	13.62	91	226714	19.013	ug/l	99
90) Hexachloroethane	13.88	117	34711	18.373	ug/l	95
91) 1,2-Dichlorobenzene	13.66	146	113266	19.644	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	15757	18.497	ug/l	90

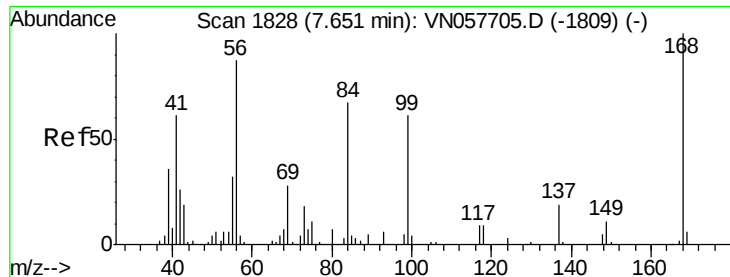
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090619\
Data File : VN057718.D
Acq On : 6 Sep 2019 17:31
Operator : JC/SP
Sample : VN0906WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0906WBSD01

Quant Time: Sep 06 23:25:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090619W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 06 03:46:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	69641	20.189	ug/l	97
94) Hexachlorobutadiene	15.01	225	33453	19.897	ug/l	98
95) Naphthalene	15.13	128	196037	19.589	ug/l	98
96) 1,2,3-Trichlorobenzene	15.30	180	67555	20.431	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057718.D

Acq: 6 Sep 2019 17:31

Instrument :

MSVOA_N

ClientSampleId :

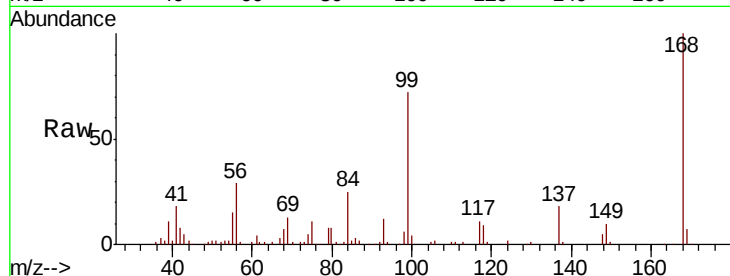
VN0906WBSD01

Tgt Ion:168 Resp: 194260

Ion Ratio Lower Upper

168 100

99 71.1 57.4 86.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

80000

60000

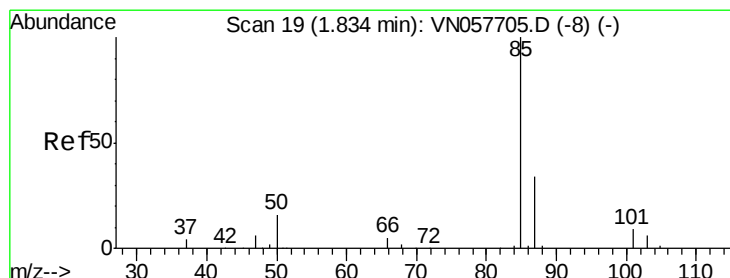
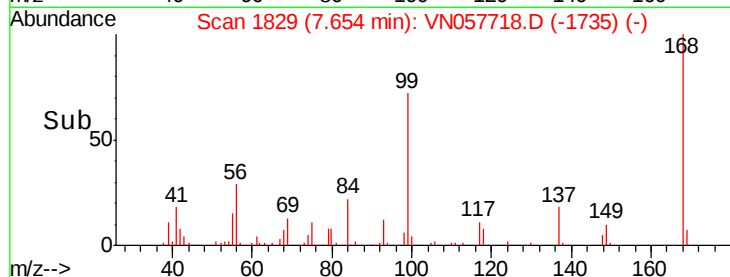
40000

20000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#2

Dichlorodifluoromethane

Concen: 18.559 ug/l

RT: 1.84 min Scan# 20

Delta R.T. 0.00 min

Lab File: VN057718.D

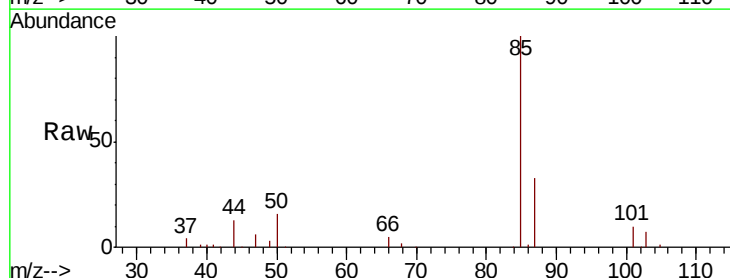
Acq: 6 Sep 2019 17:31

Tgt Ion: 85 Resp: 57254

Ion Ratio Lower Upper

85 100

87 33.4 17.0 51.0



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.84

50000

40000

30000

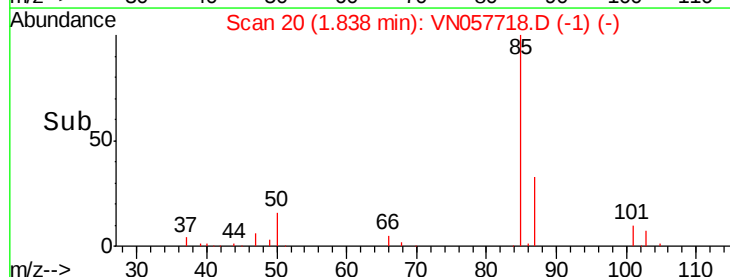
20000

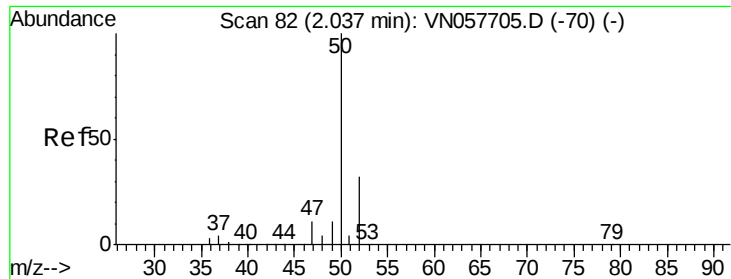
10000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 14.160 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN057718.D

Acq: 6 Sep 2019 17:31

Instrument :

MSVOA_N

ClientSampleId :

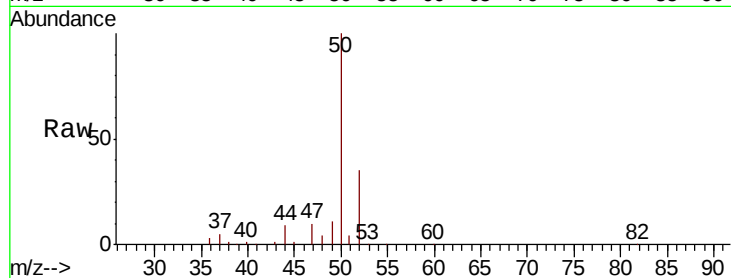
VN0906WBSD01

Tgt Ion: 50 Resp: 60664

Ion Ratio Lower Upper

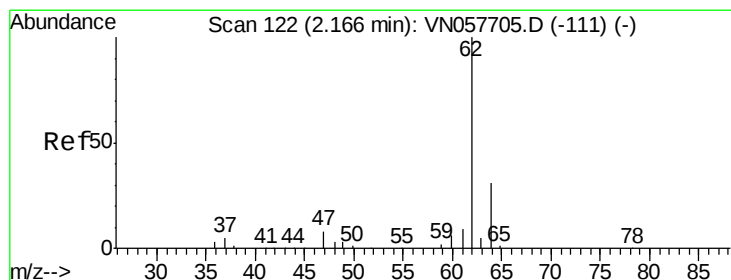
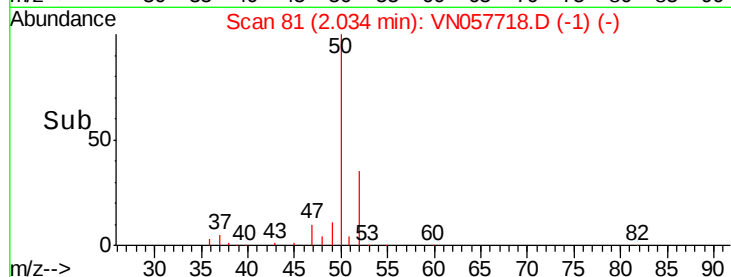
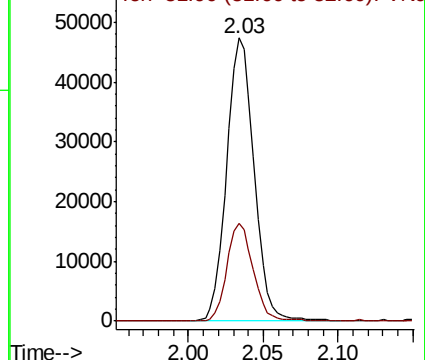
50 100

52 34.6 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 18.642 ug/l

RT: 2.16 min Scan# 121

Delta R.T. -0.00 min

Lab File: VN057718.D

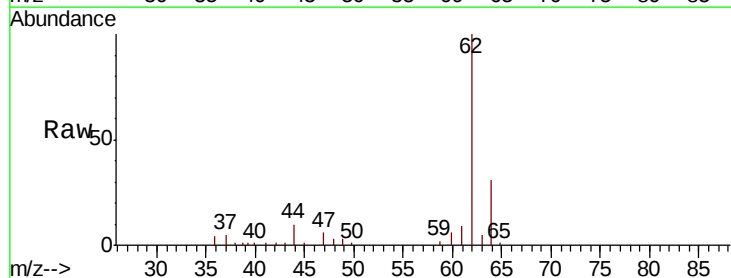
Acq: 6 Sep 2019 17:31

Tgt Ion: 62 Resp: 49803

Ion Ratio Lower Upper

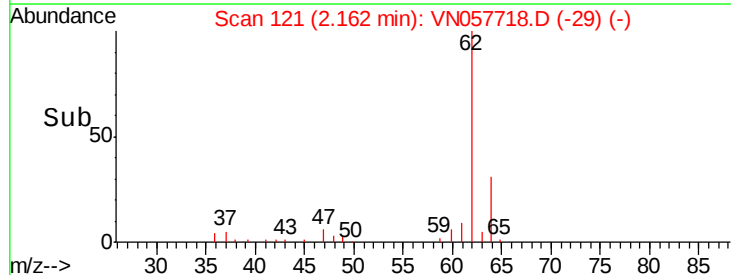
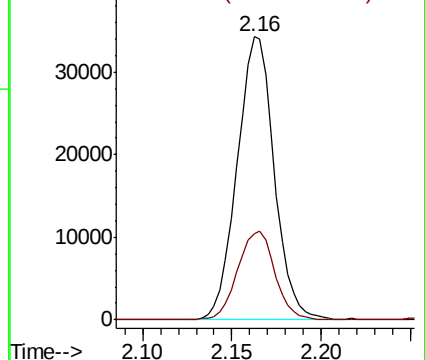
62 100

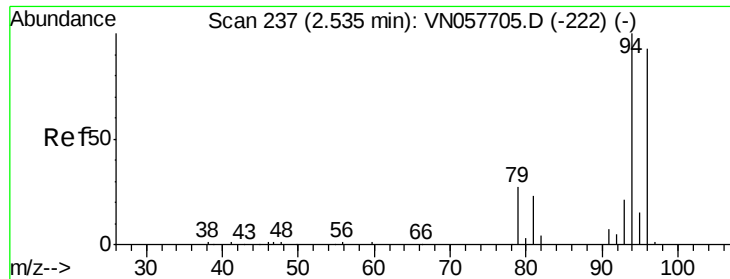
64 30.5 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

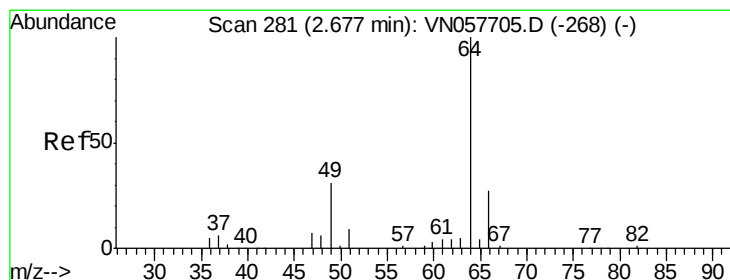
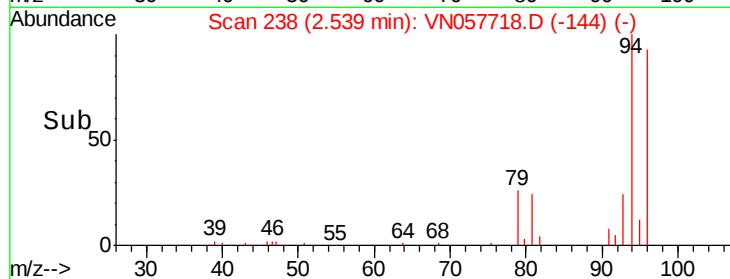
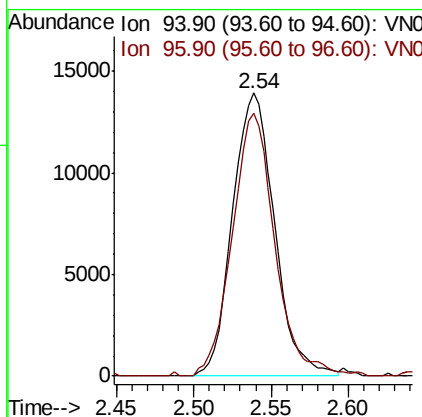
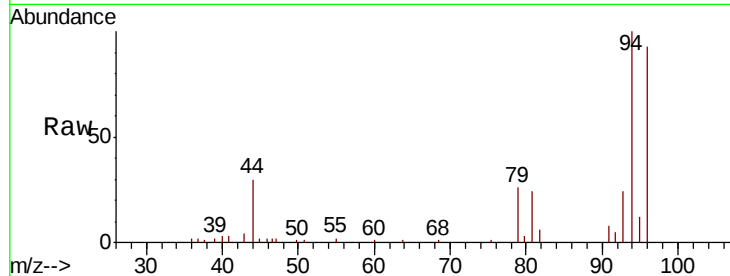




#5
Bromomethane
Concen: 21.433 ug/l
RT: 2.54 min Scan# 238
Delta R.T. 0.00 min
Lab File: VN057718.D
Acq: 6 Sep 2019 17:31

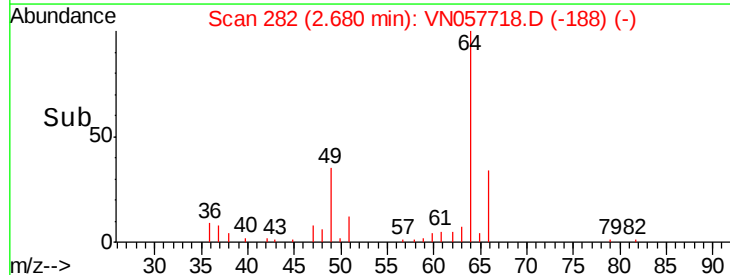
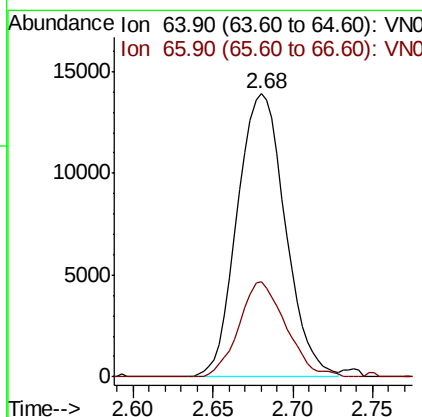
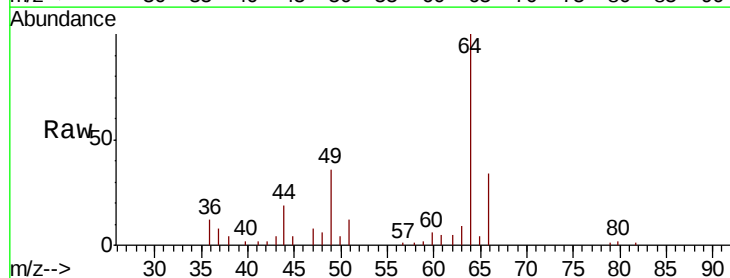
Instrument :
MSVOA_N
ClientSampleId :
VN0906WBSD01

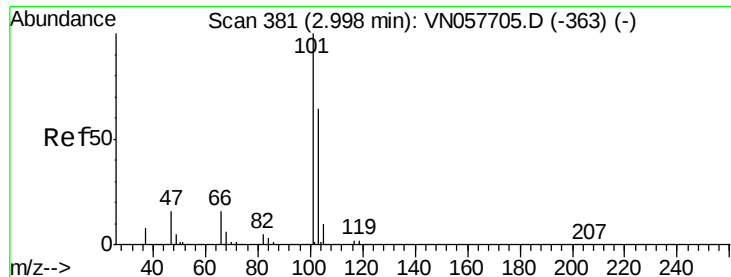
Tgt Ion: 94 Resp: 26298
Ion Ratio Lower Upper
94 100
96 92.8 74.8 112.2



#6
Chloroethane
Concen: 18.112 ug/l
RT: 2.68 min Scan# 282
Delta R.T. 0.00 min
Lab File: VN057718.D
Acq: 6 Sep 2019 17:31

Tgt Ion: 64 Resp: 28567
Ion Ratio Lower Upper
64 100
66 33.7 22.0 33.0#



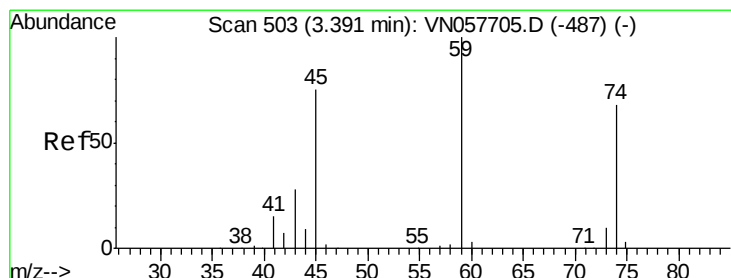
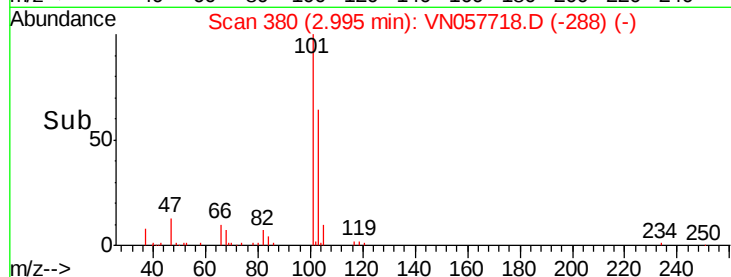
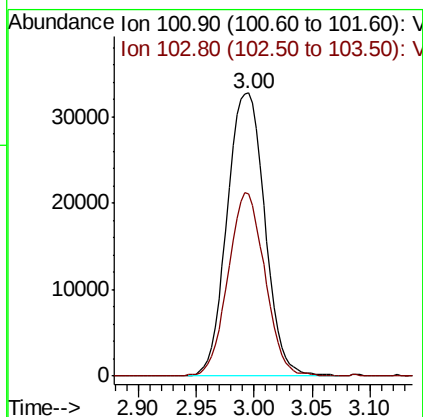
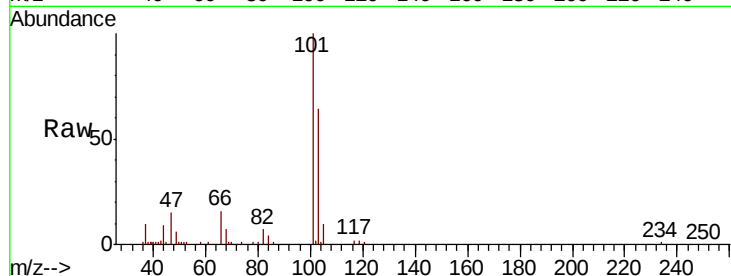


#7

Trichlorofluoromethane
 Concen: 17.247 ug/l
 RT: 3.00 min Scan# 380
 Delta R.T. -0.00 min
 Lab File: VN057718.D
 Acq: 6 Sep 2019 17:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0906WBSD01

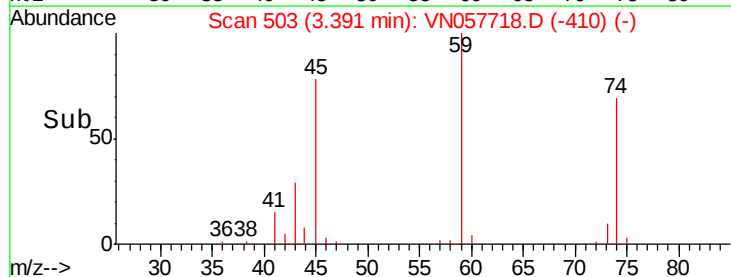
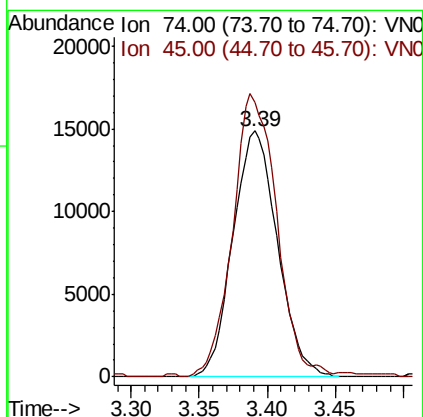
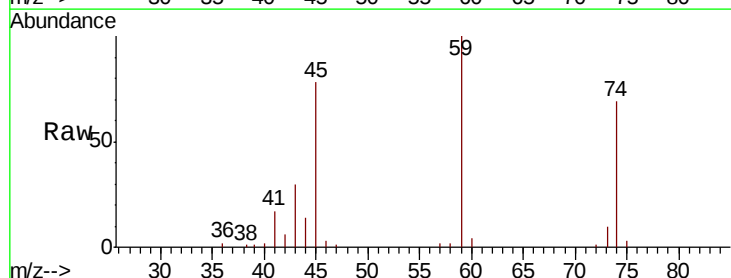
Tgt Ion:101 Resp: 73946
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.4 77.0

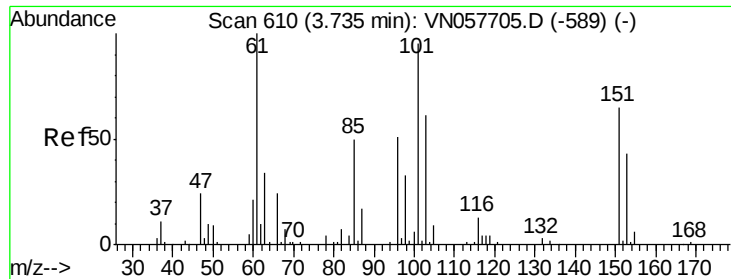


#8

Diethyl Ether
 Concen: 19.690 ug/l
 RT: 3.39 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: VN057718.D
 Acq: 6 Sep 2019 17:31

Tgt Ion: 74 Resp: 33733
 Ion Ratio Lower Upper
 74 100
 45 113.8 55.4 166.0

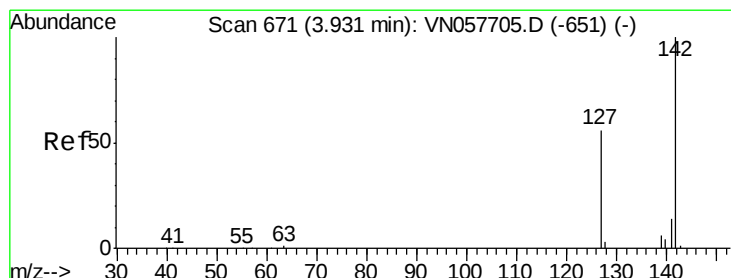
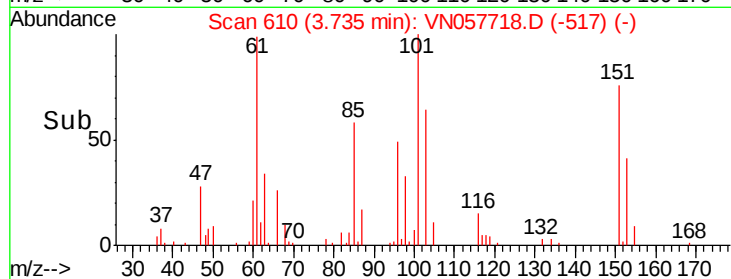
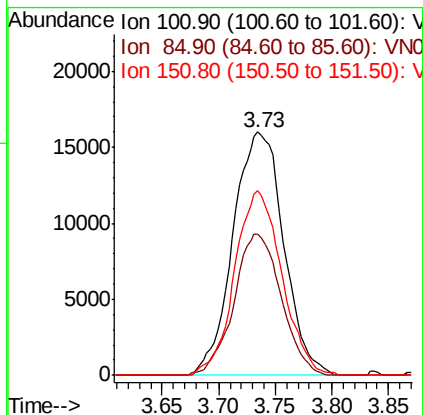
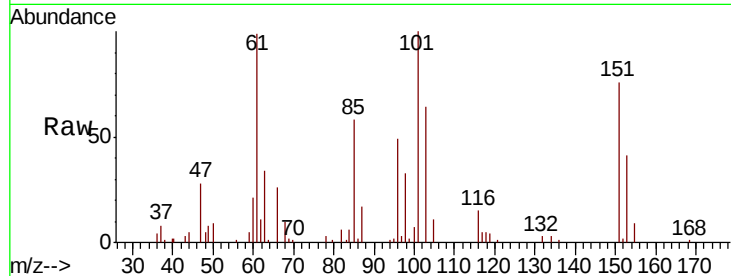




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.629 ug/l
 RT: 3.73 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VN057718.D
 Acq: 6 Sep 2019 17:31

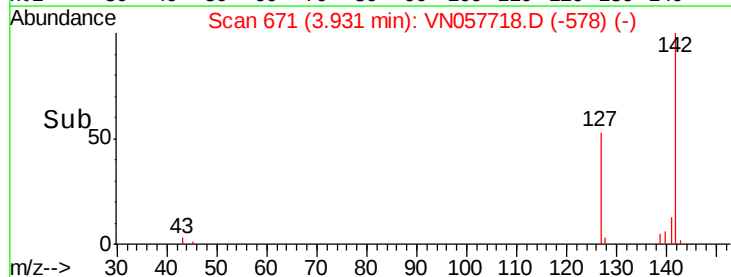
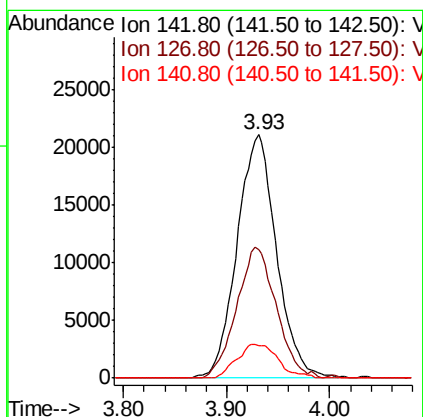
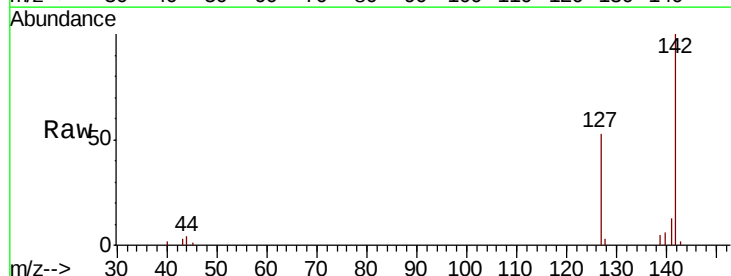
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0906WBSD01

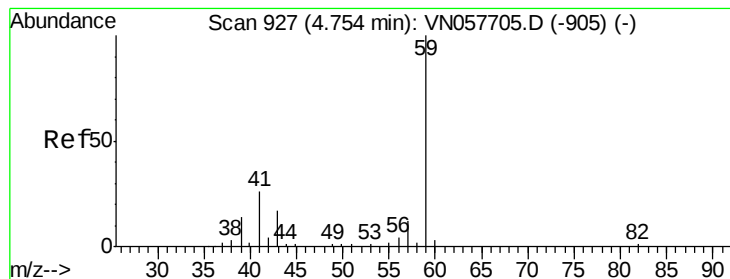
Tgt Ion:101 Resp: 49848
 Ion Ratio Lower Upper
 101 100
 85 54.2 42.8 64.2
 151 70.7 55.5 83.3



#10
 Methyl Iodide
 Concen: 21.124 ug/l
 RT: 3.93 min Scan# 671
 Delta R.T. 0.00 min
 Lab File: VN057718.D
 Acq: 6 Sep 2019 17:31

Tgt Ion:142 Resp: 56003
 Ion Ratio Lower Upper
 142 100
 127 54.0 42.1 63.1
 141 14.6 11.0 16.4



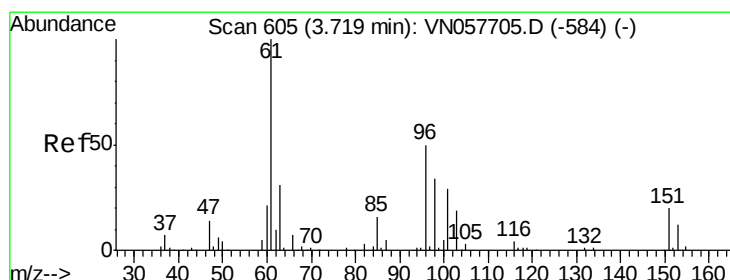
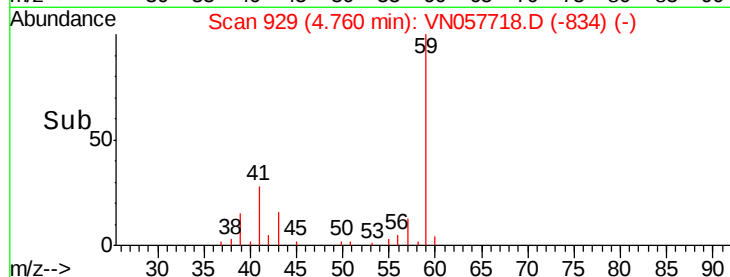
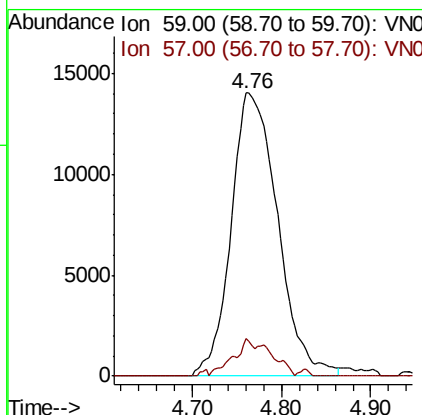
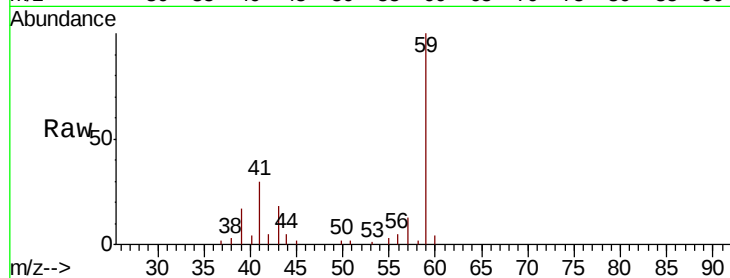


#11

Tert butyl alcohol
 Concen: 94.749 ug/l
 RT: 4.76 min Scan# 929
 Delta R.T. 0.01 min
 Lab File: VN057718.D
 Acq: 6 Sep 2019 17:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0906WBSD01

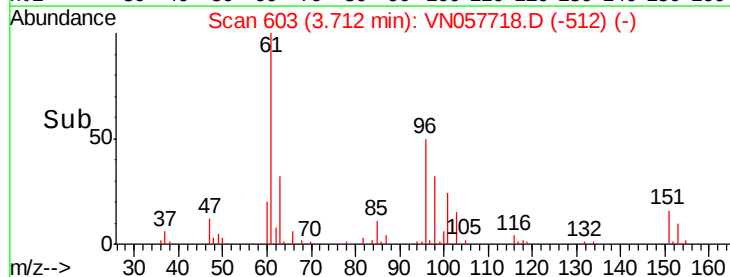
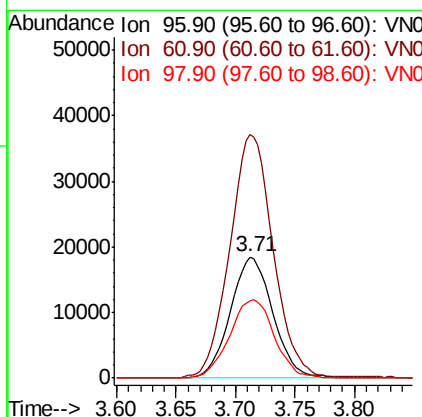
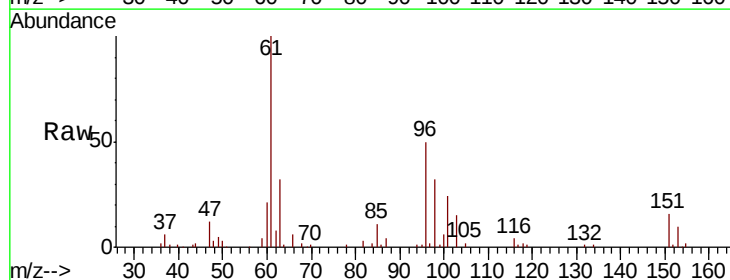
Tgt Ion: 59 Resp: 50874
 Ion Ratio Lower Upper
 59 100
 57 5.8 8.9 13.3#

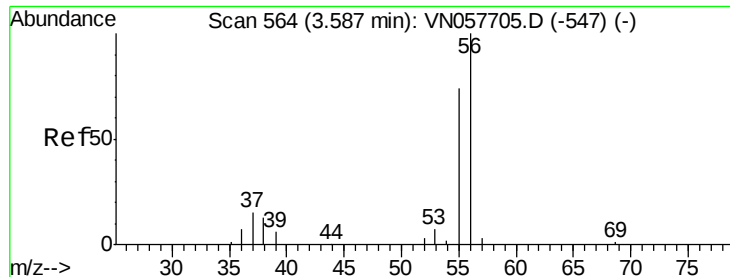


#12

1,1-Dichloroethene
 Concen: 18.899 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: VN057718.D
 Acq: 6 Sep 2019 17:31

Tgt Ion: 96 Resp: 45500
 Ion Ratio Lower Upper
 96 100
 61 199.3 158.7 238.1
 98 63.9 53.8 80.8





#13

Acrolein

Concen: 93.781 ug/l

RT: 3.59 min Scan# 564

Delta R.T. 0.00 min

Lab File: VN057718.D

Acq: 6 Sep 2019 17:31

Instrument :

MSVOA_N

ClientSampleId :

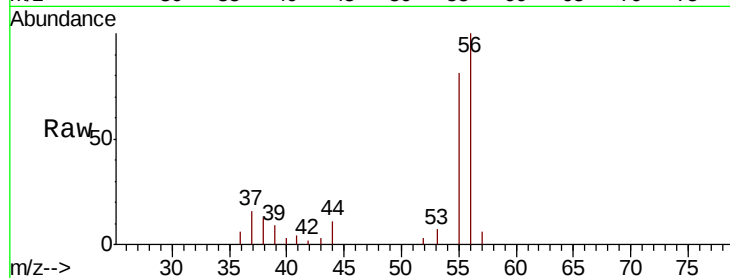
VN0906WBSD01

Tgt Ion: 56 Resp: 23947

Ion Ratio Lower Upper

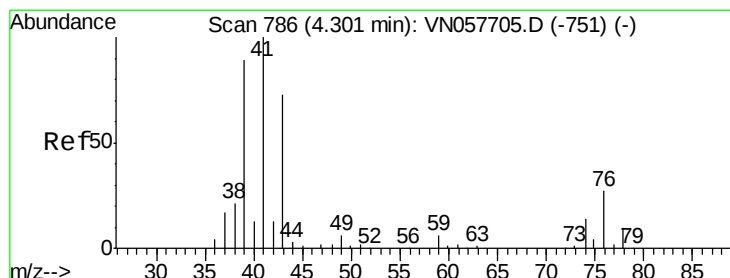
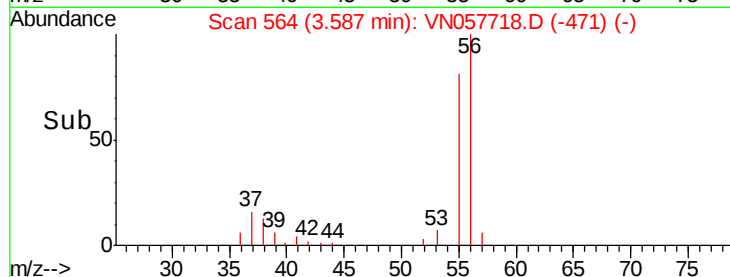
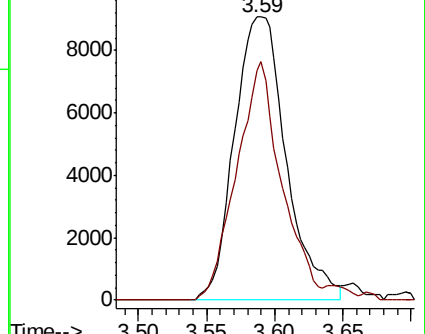
56 100

55 73.0 55.4 83.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 18.645 ug/l

RT: 4.30 min Scan# 786

Delta R.T. 0.00 min

Lab File: VN057718.D

Acq: 6 Sep 2019 17:31

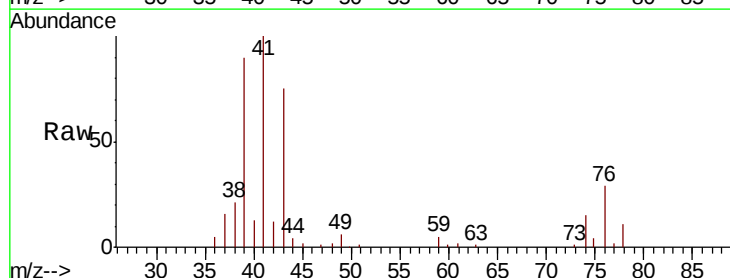
Tgt Ion: 41 Resp: 102580

Ion Ratio Lower Upper

41 100

39 82.9 67.5 101.3

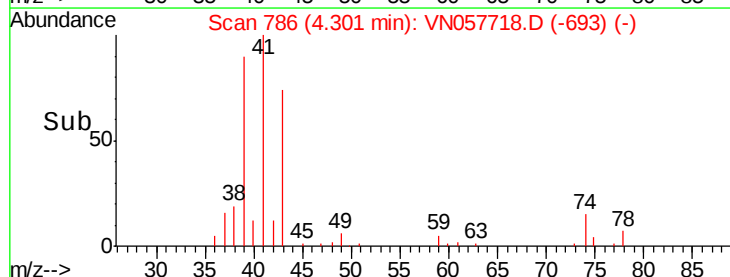
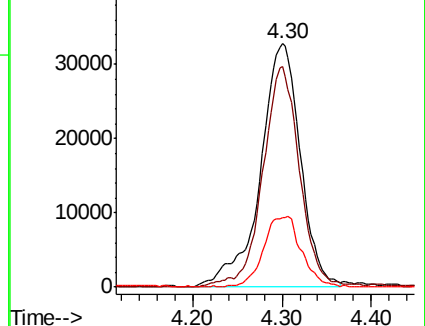
76 27.1 21.4 32.2

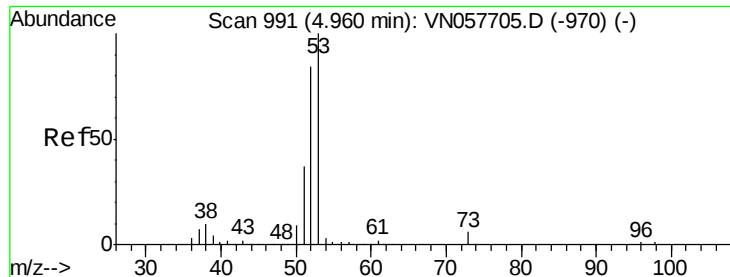


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 99.268 ug/l

RT: 4.96 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN057718.D

Acq: 6 Sep 2019 17:31

Instrument :

MSVOA_N

ClientSampleId :

VN0906WBSD01

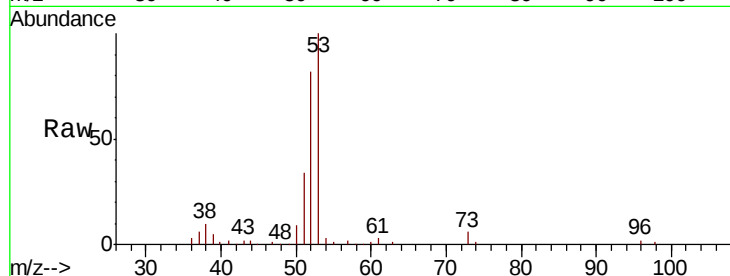
Tgt Ion: 53 Resp: 137033

Ion Ratio Lower Upper

53 100

52 85.0 68.1 102.1

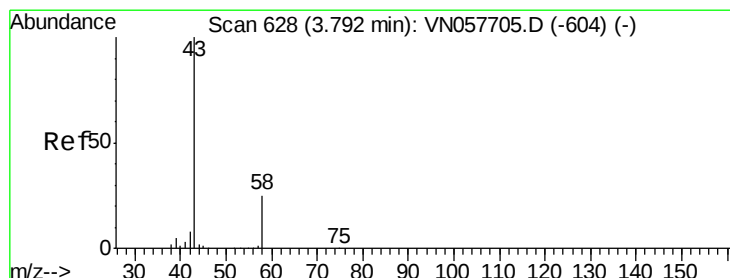
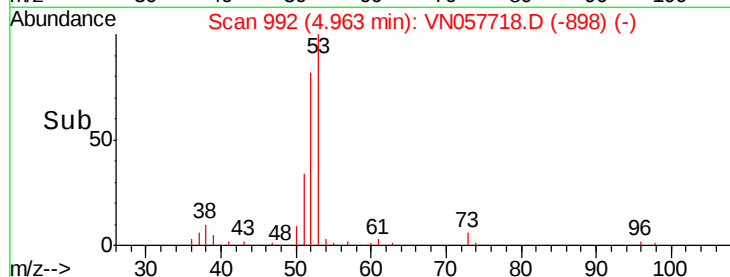
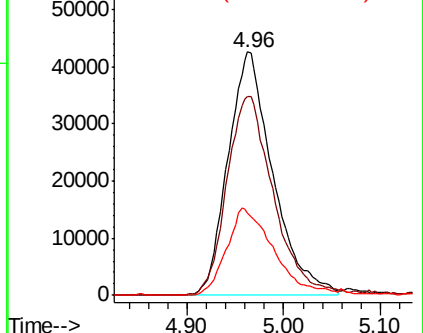
51 37.7 30.4 45.6



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: 94.281 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN057718.D

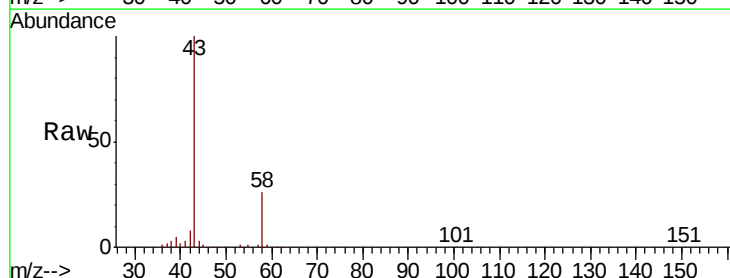
Acq: 6 Sep 2019 17:31

Tgt Ion: 43 Resp: 137112

Ion Ratio Lower Upper

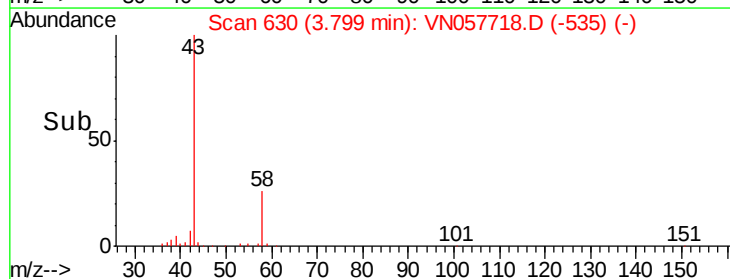
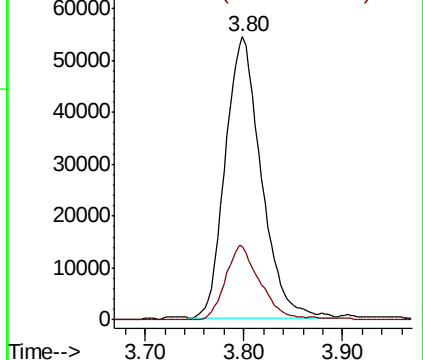
43 100

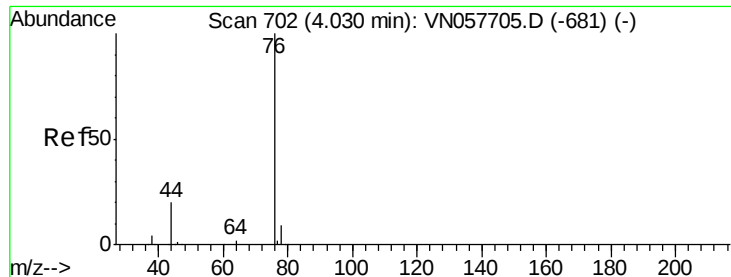
58 26.3 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 18.242 ug/l

RT: 4.03 min Scan# 701

Delta R.T. -0.00 min

Lab File: VN057718.D

Acq: 6 Sep 2019 17:31

Instrument :

MSVOA_N

ClientSampleId :

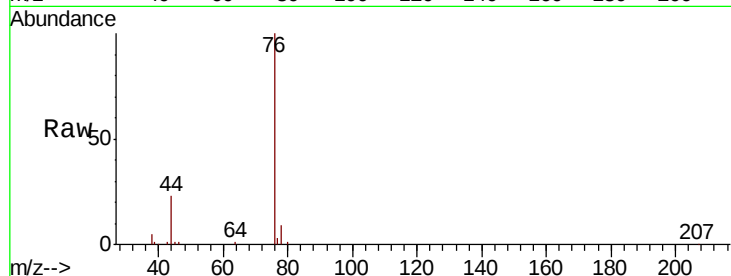
VN0906WBSD01

Tgt Ion: 76 Resp: 99506

Ion Ratio Lower Upper

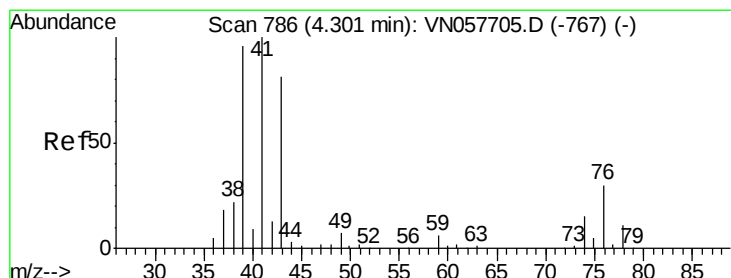
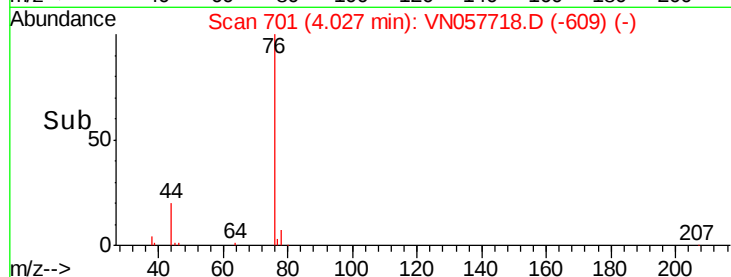
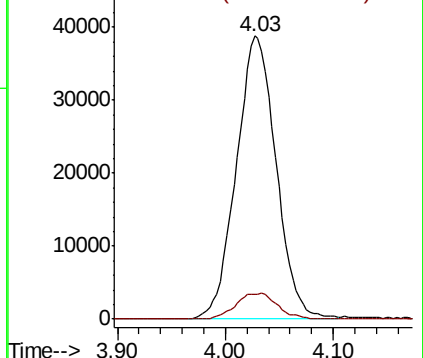
76 100

78 8.7 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 19.014 ug/l

RT: 4.31 min Scan# 788

Delta R.T. 0.01 min

Lab File: VN057718.D

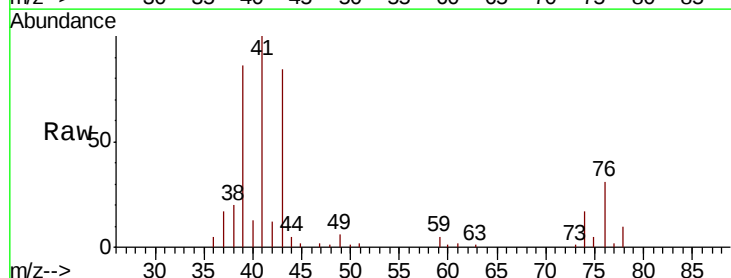
Acq: 6 Sep 2019 17:31

Tgt Ion: 43 Resp: 75198

Ion Ratio Lower Upper

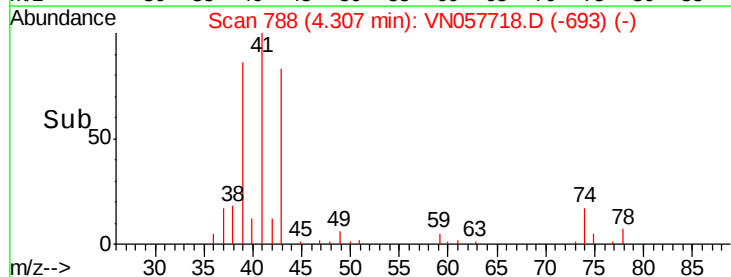
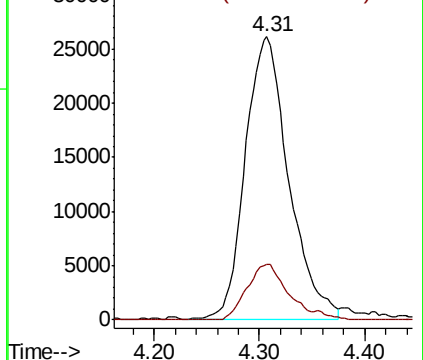
43 100

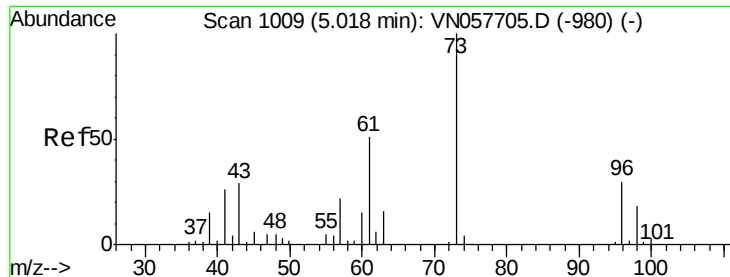
74 19.2 15.3 22.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

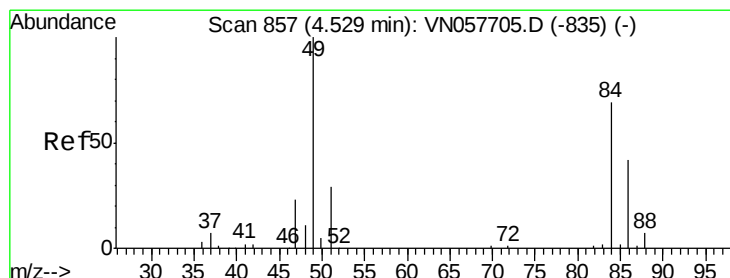
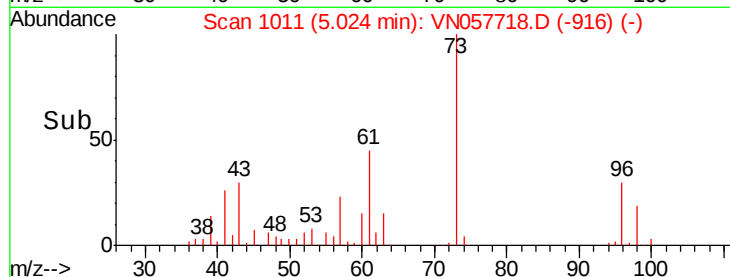
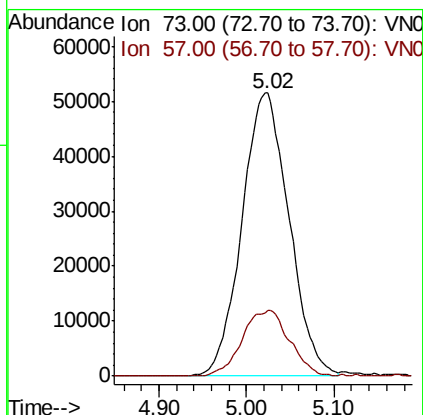
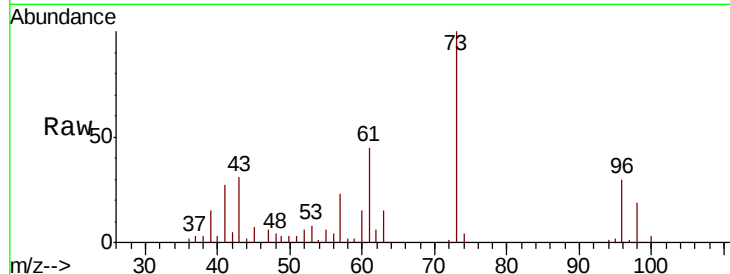




#19
Methyl tert-butyl Ether
Concen: 19.016 ug/l
RT: 5.02 min Scan# 1011
Delta R.T. 0.01 min
Lab File: VN057718.D
Acq: 6 Sep 2019 17:31

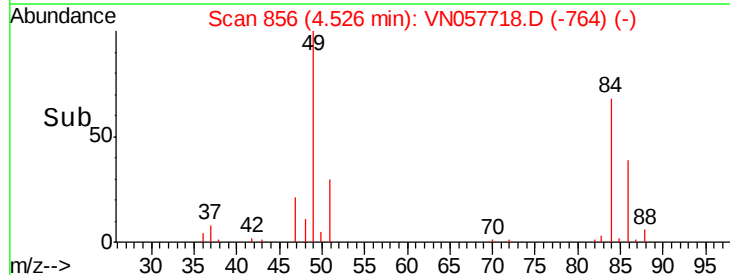
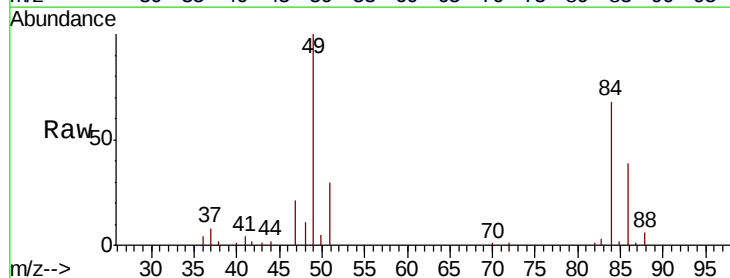
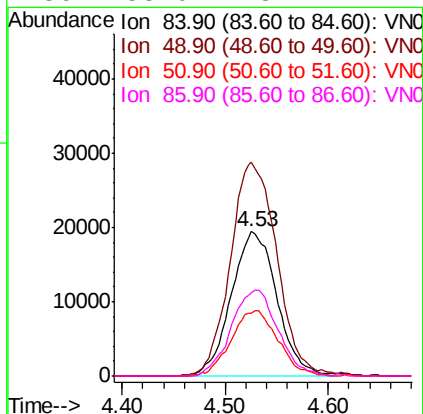
Instrument :
MSVOA_N
ClientSampleId :
VN0906WBSD01

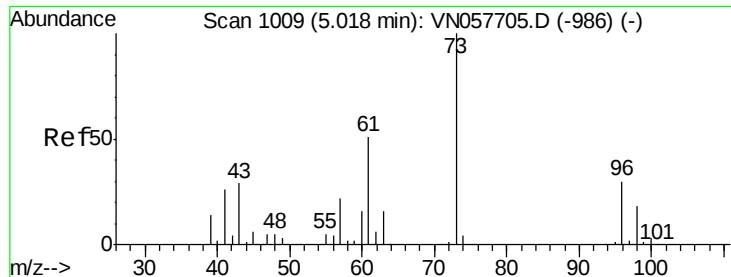
Tgt Ion: 73 Resp: 192203
Ion Ratio Lower Upper
73 100
57 23.0 17.7 26.5



#20
Methylene Chloride
Concen: 19.028 ug/l
RT: 4.53 min Scan# 856
Delta R.T. -0.00 min
Lab File: VN057718.D
Acq: 6 Sep 2019 17:31

Tgt Ion: 84 Resp: 59835
Ion Ratio Lower Upper
84 100
49 146.6 115.0 172.6
51 43.8 33.8 50.8
86 58.0 48.2 72.2





#21

trans-1,2-Dichloroethene

Concen: 19.312 ug/l

RT: 5.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: VN057718.D

Acq: 6 Sep 2019 17:31

Instrument :

MSVOA_N

ClientSampleId :

VN0906WBSD01

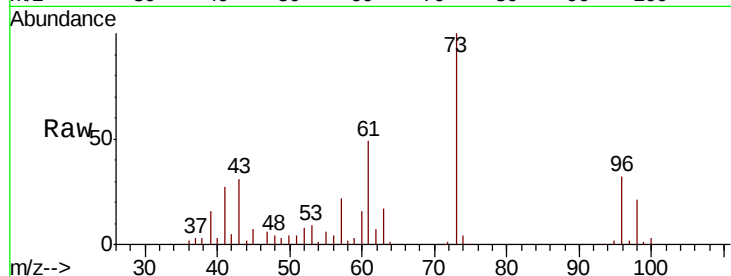
Tgt Ion: 96 Resp: 48923

Ion Ratio Lower Upper

96 100

61 150.1 135.8 203.8

98 65.6 49.0 73.6

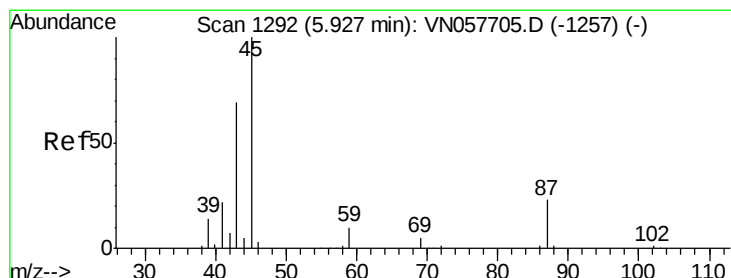
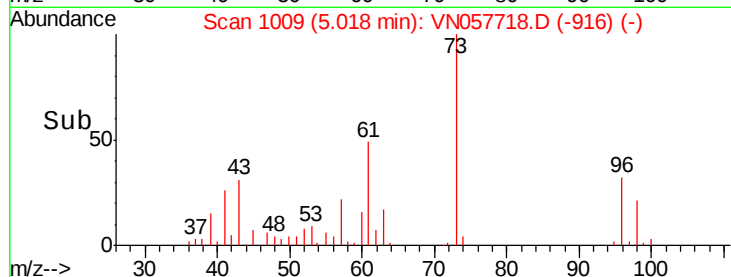
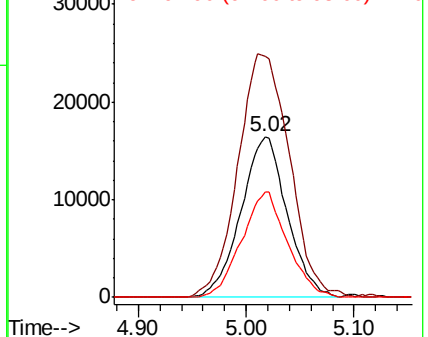


Abundance

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: 18.875 ug/l

RT: 5.93 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VN057718.D

Acq: 6 Sep 2019 17:31

Tgt Ion: 45 Resp: 219668

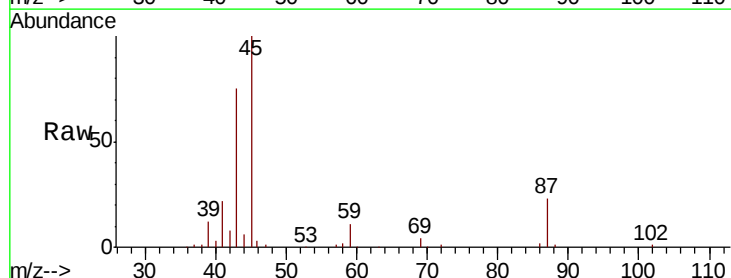
Ion Ratio Lower Upper

45 100

43 70.4 55.5 83.3

87 22.7 18.6 28.0

59 10.0 7.9 11.9



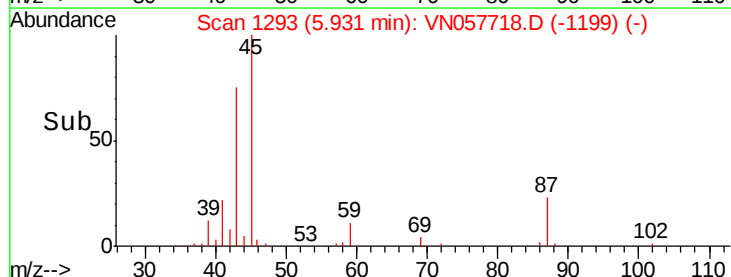
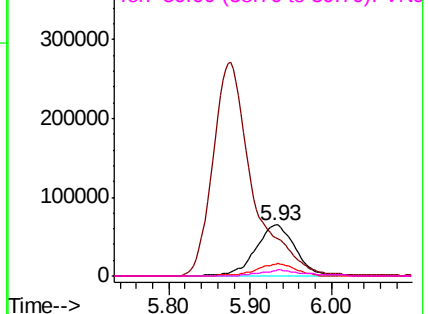
Abundance

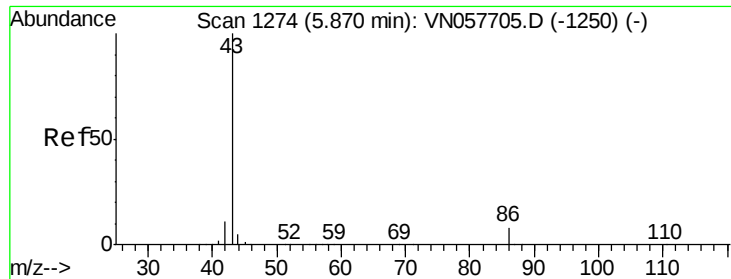
Ion 45.00 (44.70 to 45.70): VN0

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: 98.274 ug/l

RT: 5.88 min Scan# 1276

Delta R.T. 0.01 min

Lab File: VN057718.D

Acq: 6 Sep 2019 17:31

Instrument :

MSVOA_N

ClientSampleId :

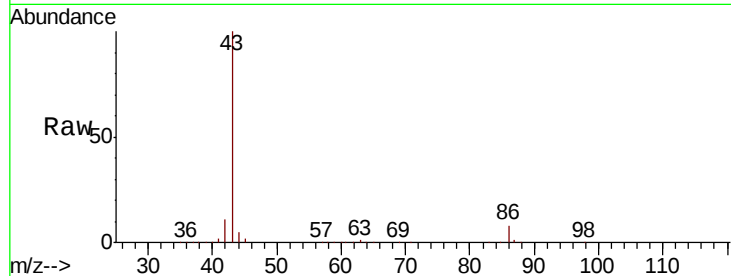
VN0906WBSD01

Tgt Ion: 43 Resp: 925744

Ion Ratio Lower Upper

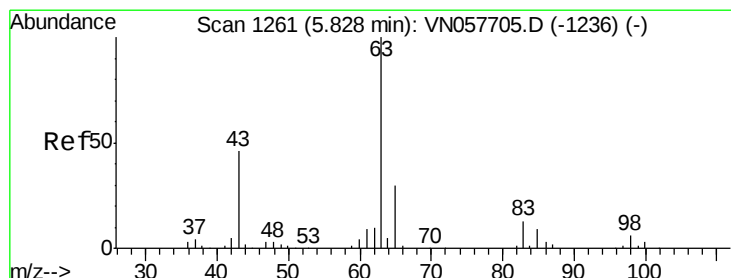
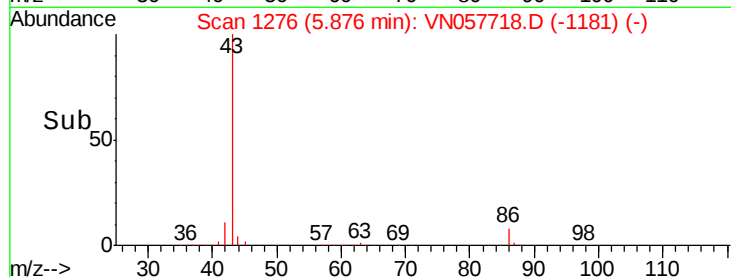
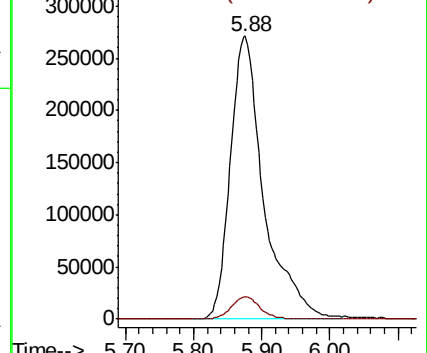
43 100

86 7.9 6.2 9.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 19.022 ug/l

RT: 5.83 min Scan# 1261

Delta R.T. 0.00 min

Lab File: VN057718.D

Acq: 6 Sep 2019 17:31

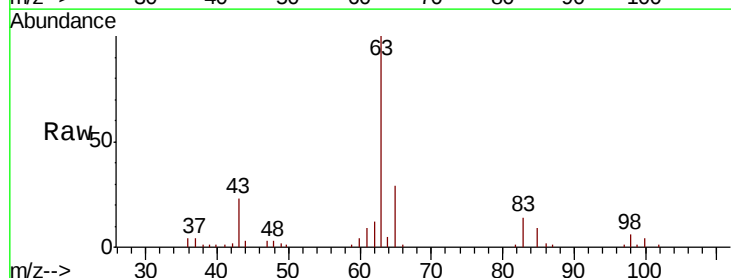
Tgt Ion: 63 Resp: 113509

Ion Ratio Lower Upper

63 100

98 6.4 2.9 8.8

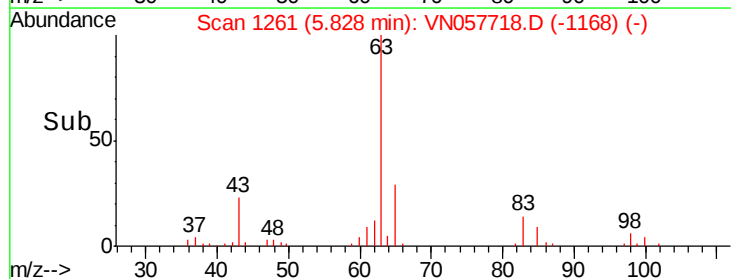
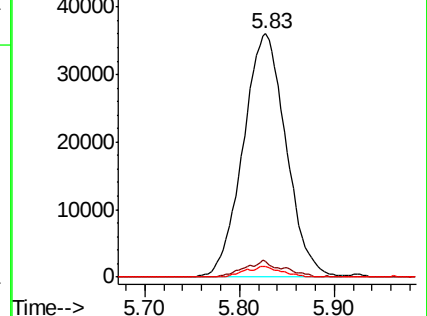
100 4.2 1.7 5.0

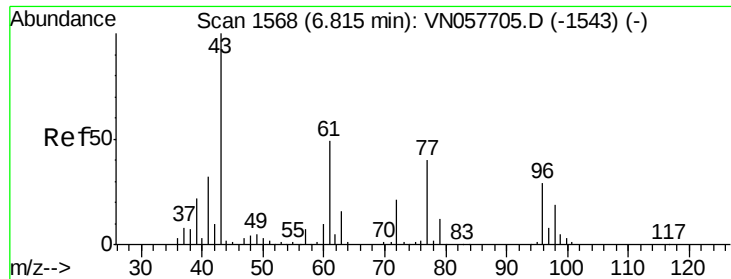


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 98.415 ug/l

RT: 6.82 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN057718.D

Acq: 6 Sep 2019 17:31

Instrument :

MSVOA_N

ClientSampleId :

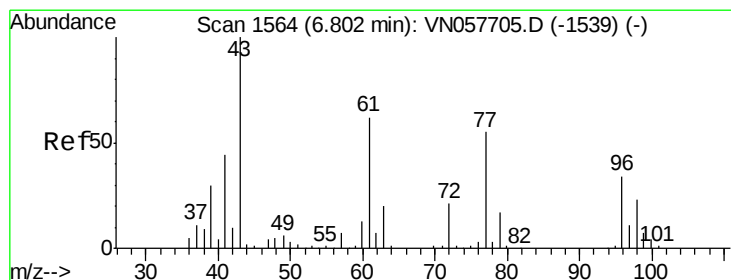
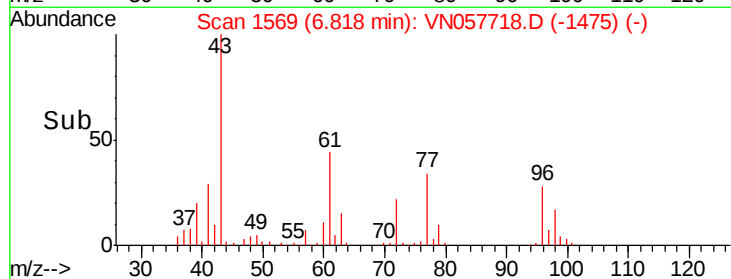
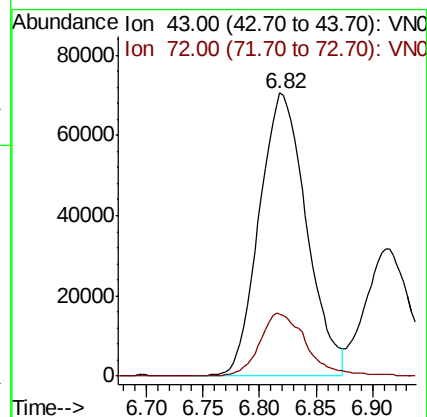
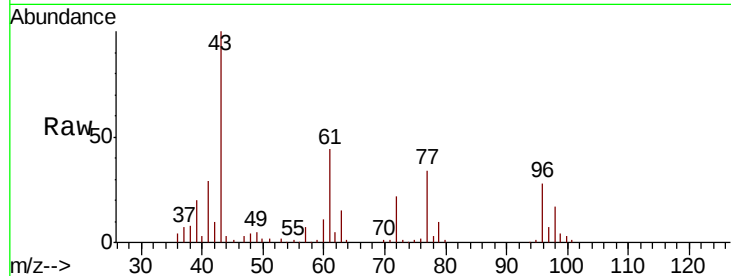
VN0906WBSD01

Tgt Ion: 43 Resp: 204965

Ion Ratio Lower Upper

43 100

72 21.9 17.0 25.6



#26

2,2-Dichloropropane

Concen: 18.585 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.01 min

Lab File: VN057718.D

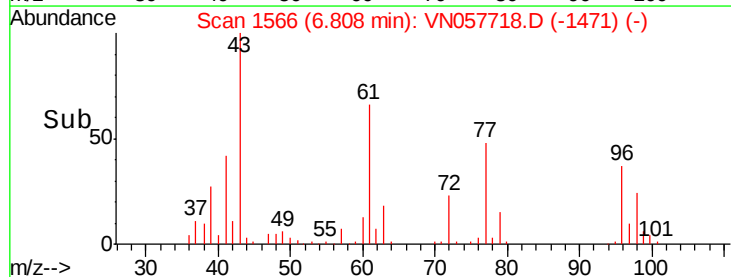
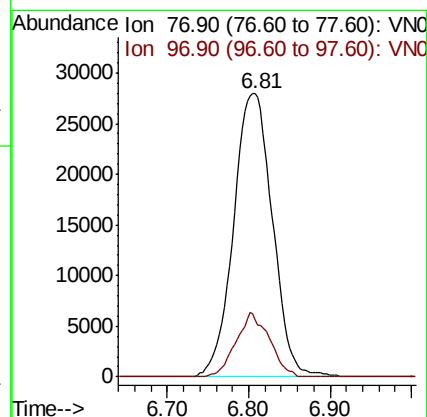
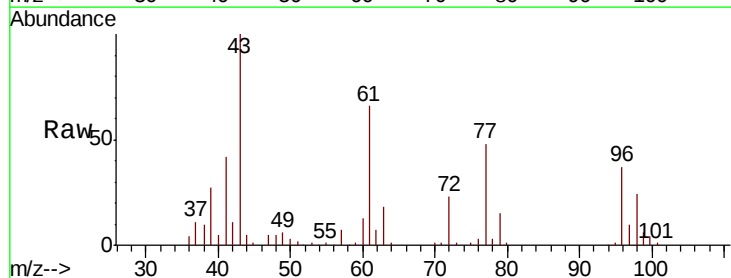
Acq: 6 Sep 2019 17:31

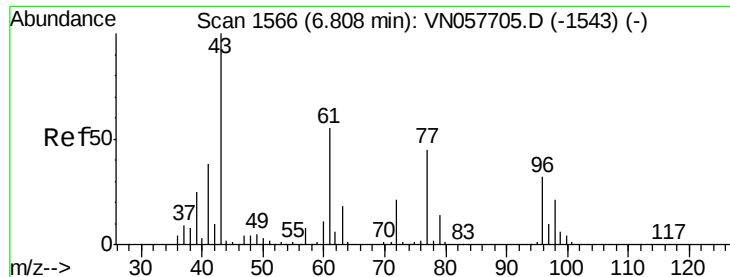
Tgt Ion: 77 Resp: 92521

Ion Ratio Lower Upper

77 100

97 19.5 10.1 30.1





#27

cis-1,2-Dichloroethene

Concen: 19.616 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN057718.D

Acq: 6 Sep 2019 17:31

Instrument :

MSVOA_N

ClientSampleId :

VN0906WBSD01

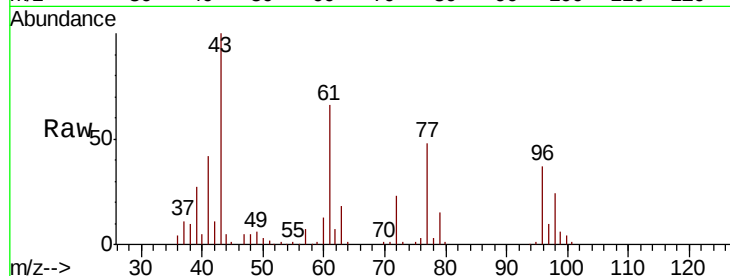
Tgt Ion: 96 Resp: 62377

Ion Ratio Lower Upper

96 100

61 175.1 0.0 360.6

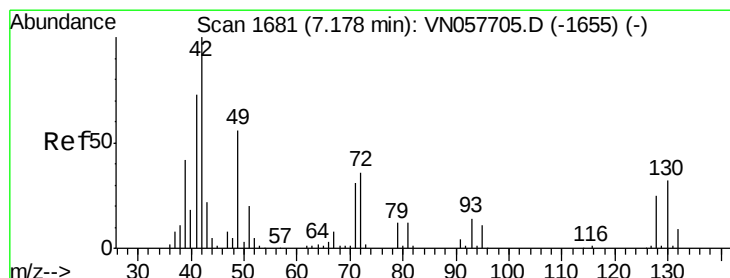
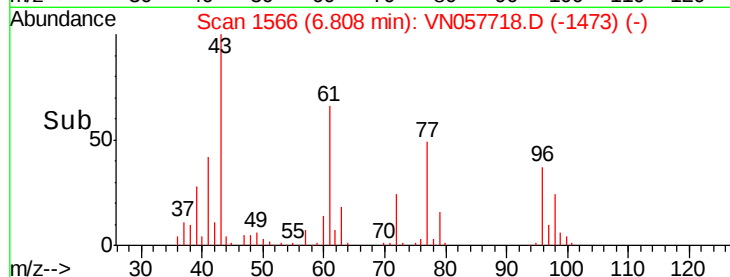
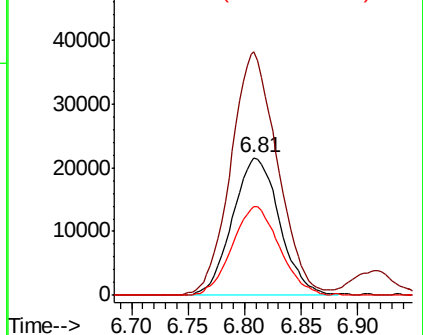
98 64.9 0.0 130.6



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: 18.265 ug/l

RT: 7.17 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VN057718.D

Acq: 6 Sep 2019 17:31

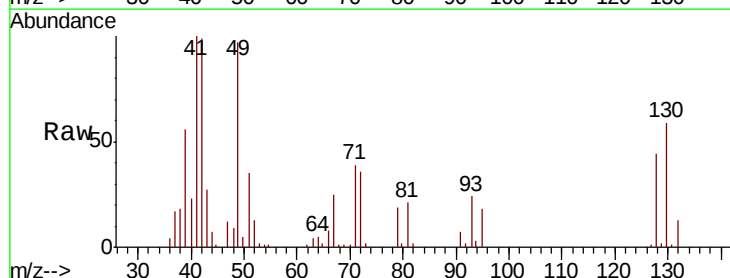
Tgt Ion: 49 Resp: 57029

Ion Ratio Lower Upper

49 100

129 0.9 0.0 2.4

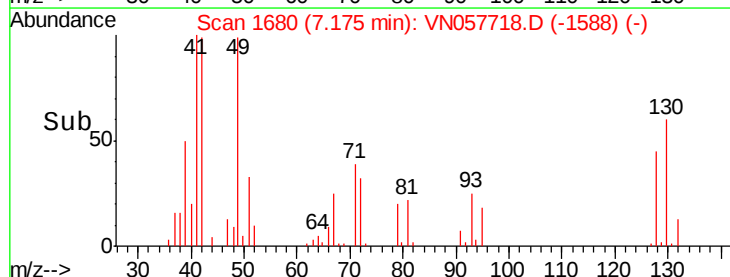
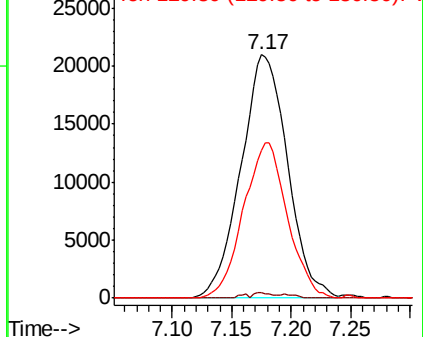
130 59.9 45.8 68.8

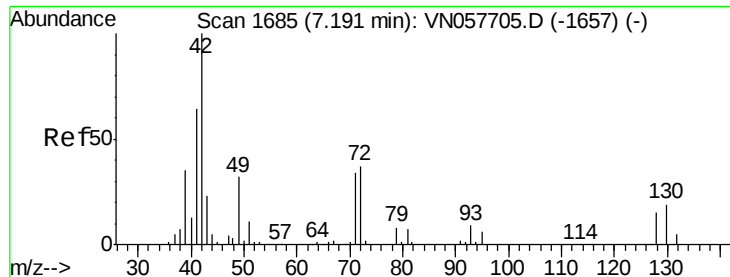


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 97.143 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.01 min

Lab File: VN057718.D

Acq: 6 Sep 2019 17:31

Instrument :

MSVOA_N

ClientSampleId :

VN0906WBSD01

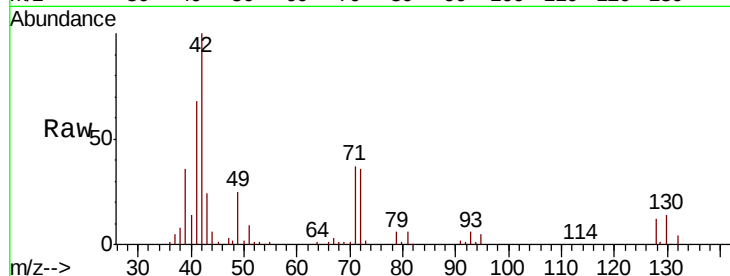
Tgt Ion: 42 Resp: 130472

Ion Ratio Lower Upper

42 100

72 35.7 29.2 43.8

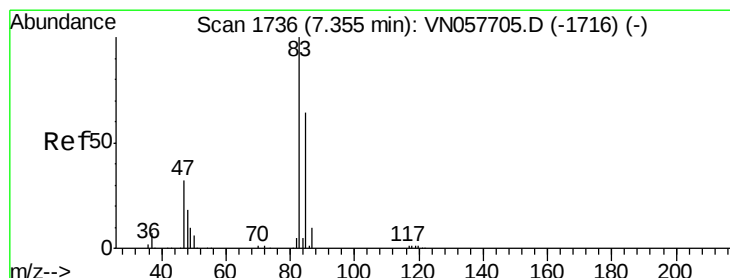
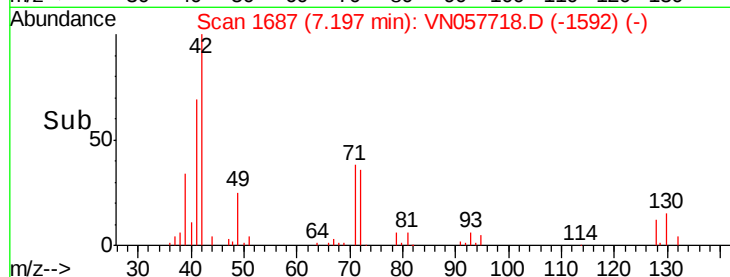
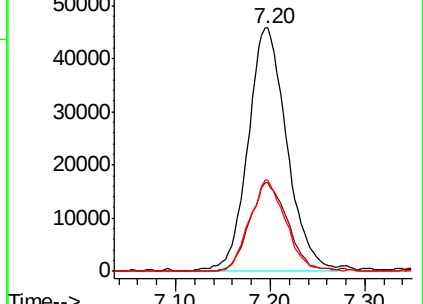
71 35.2 27.0 40.4



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: 19.026 ug/l

RT: 7.36 min Scan# 1736

Delta R.T. 0.00 min

Lab File: VN057718.D

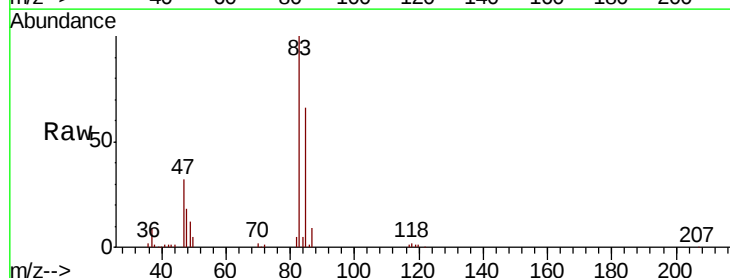
Acq: 6 Sep 2019 17:31

Tgt Ion: 83 Resp: 118304

Ion Ratio Lower Upper

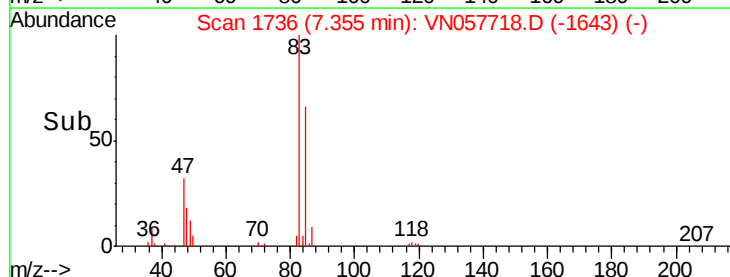
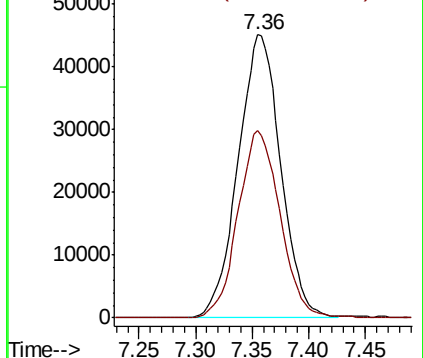
83 100

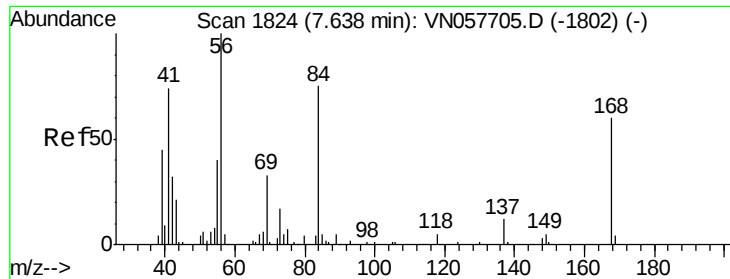
85 66.4 51.3 76.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

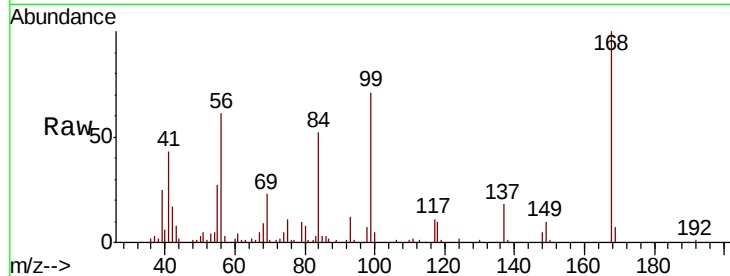




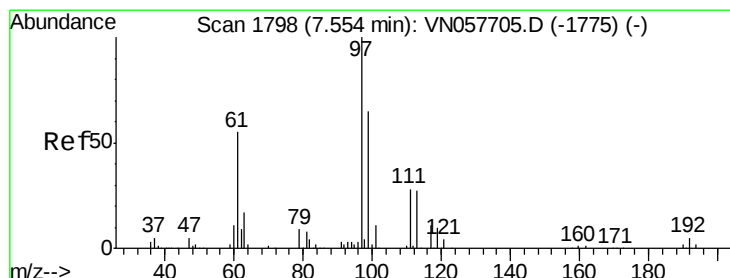
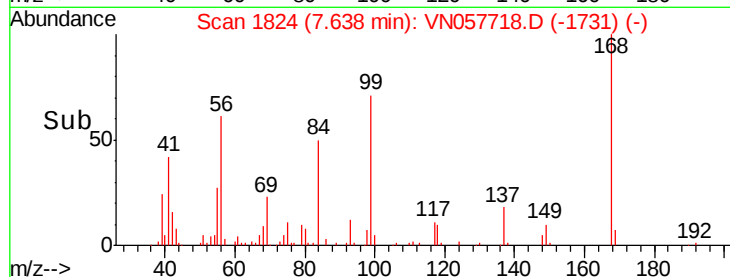
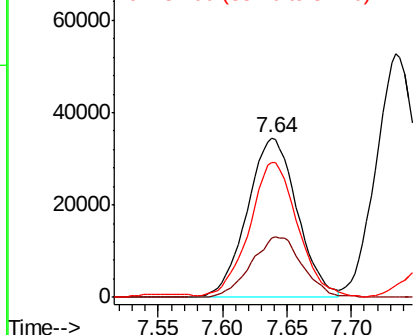
#31
Cyclohexane
Concen: 17.529 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. 0.00 min
Lab File: VN057718.D
Acq: 6 Sep 2019 17:31

Instrument :
MSVOA_N
ClientSampleId :
VN0906WBSD01

Tgt Ion: 56 Resp: 92975
Ion Ratio Lower Upper
56 100
69 36.7 26.2 39.2
84 83.1 59.8 89.8

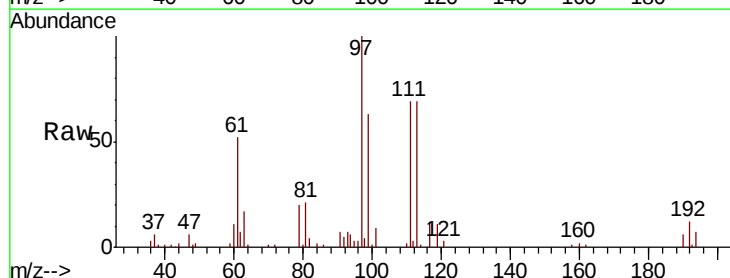


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

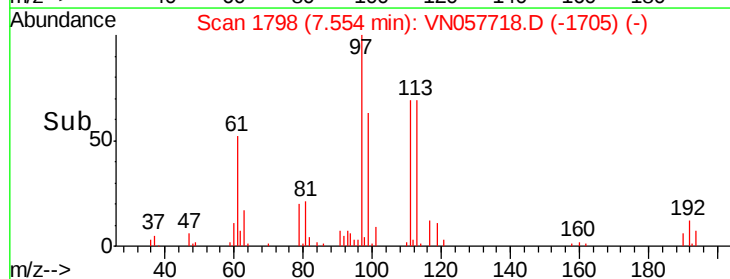
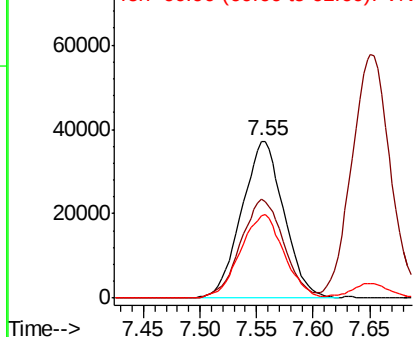


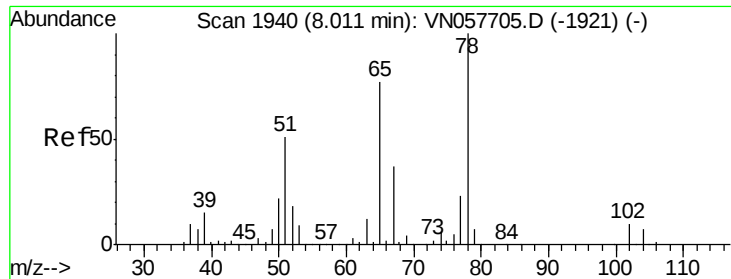
#32
1,1,1-Trichloroethane
Concen: 18.664 ug/l
RT: 7.55 min Scan# 1798
Delta R.T. 0.00 min
Lab File: VN057718.D
Acq: 6 Sep 2019 17:31

Tgt Ion: 97 Resp: 96666
Ion Ratio Lower Upper
97 100
99 64.3 51.2 76.8
61 55.2 42.8 64.2



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

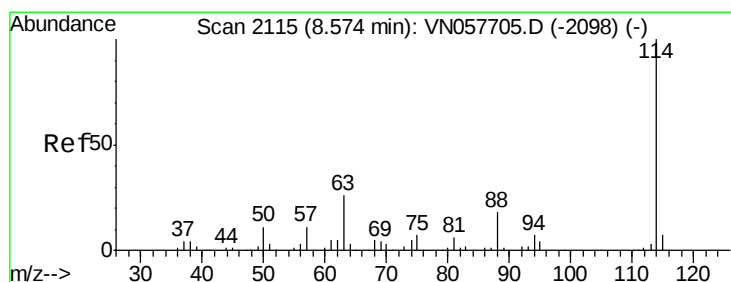
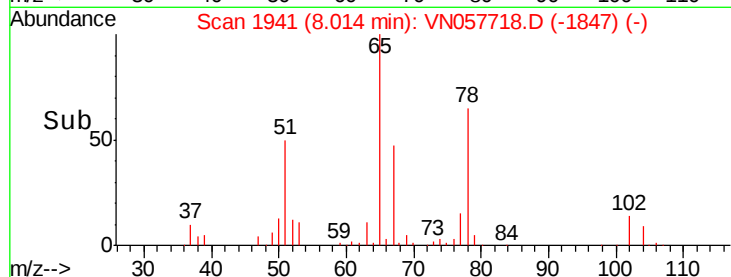
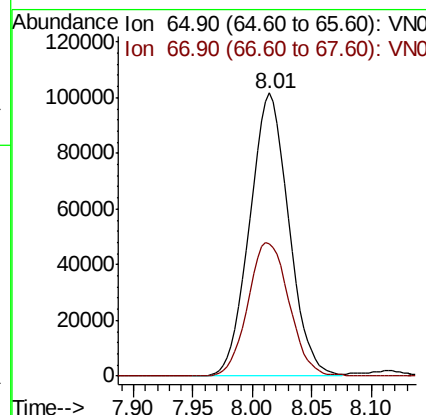
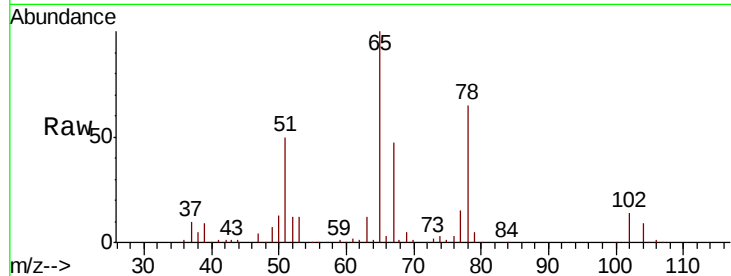




#33
 1,2-Dichloroethane-d4
 Concen: 49.071 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057718.D
 Acq: 6 Sep 2019 17:31

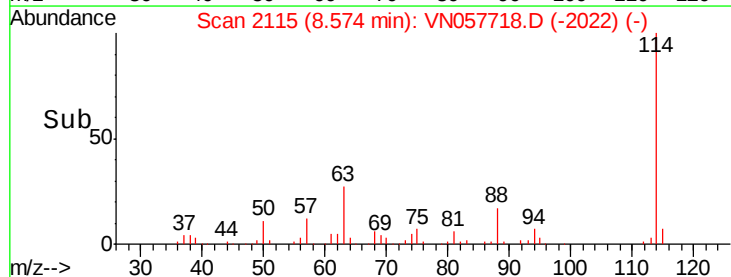
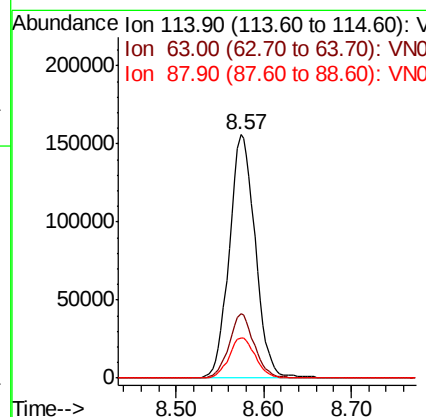
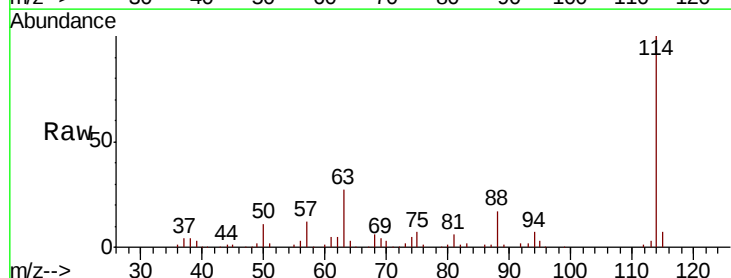
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0906WBSD01

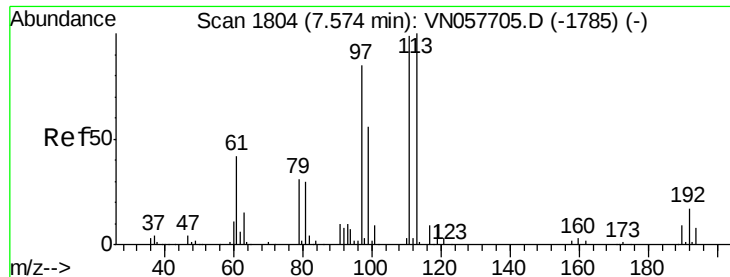
Tgt Ion: 65 Resp: 231897
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 98.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN057718.D
 Acq: 6 Sep 2019 17:31

Tgt Ion: 114 Resp: 321466
 Ion Ratio Lower Upper
 114 100
 63 26.6 0.0 52.4
 88 16.7 0.0 35.4

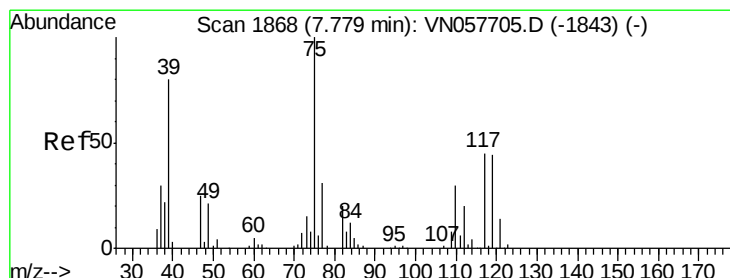
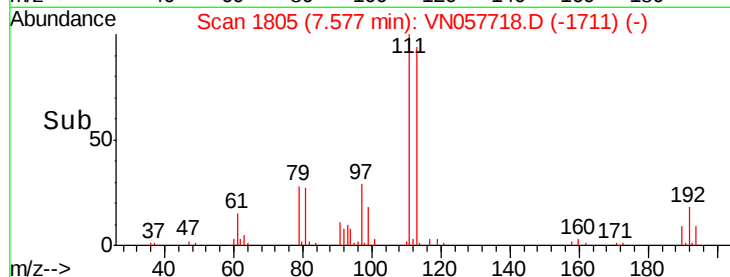
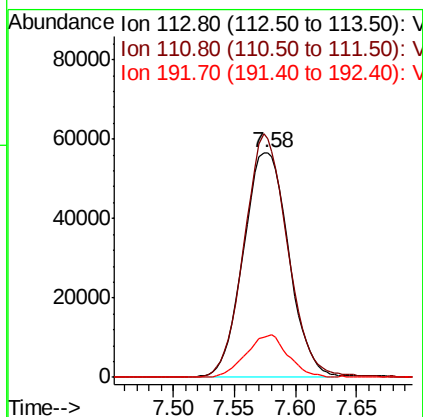
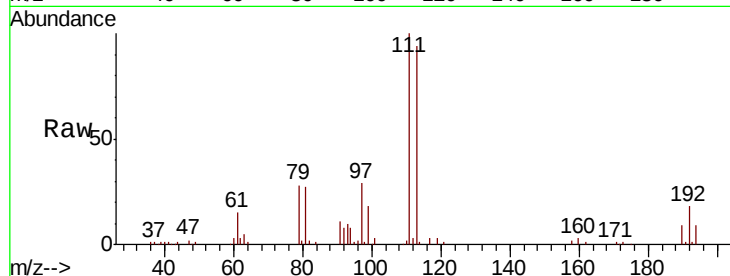




#35
 Dibromofluoromethane
 Concen: 49.762 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057718.D
 Acq: 6 Sep 2019 17:31

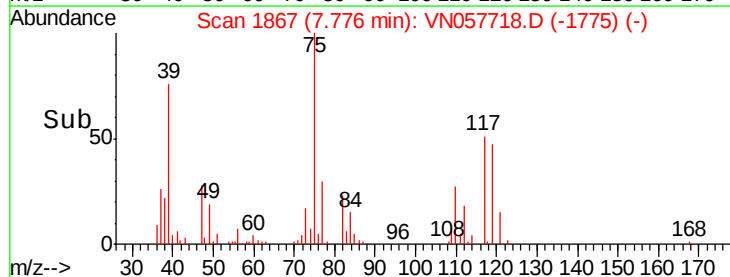
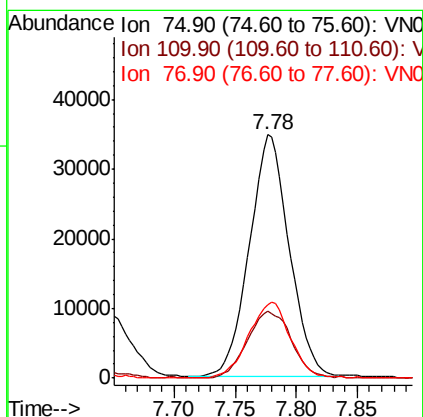
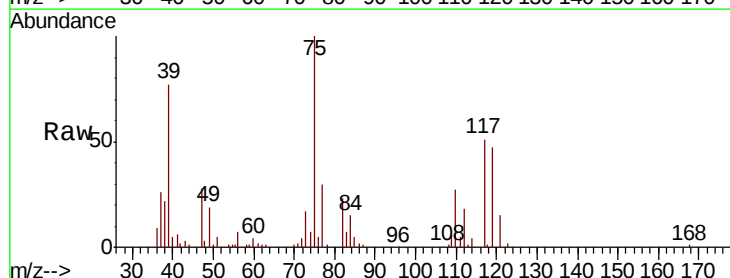
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0906WBSD01

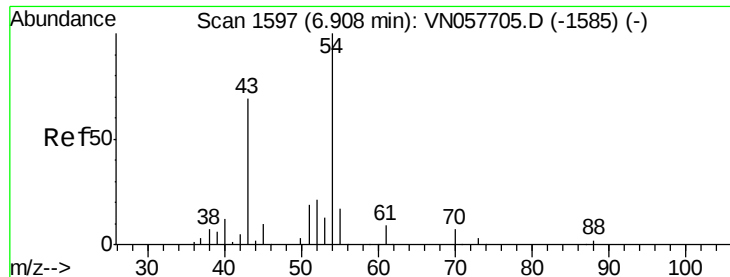
Tgt Ion: 113 Resp: 145706
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.7 124.1
 192 17.6 13.8 20.6



#36
 1,1-Dichloropropene
 Concen: 18.361 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN057718.D
 Acq: 6 Sep 2019 17:31

Tgt Ion: 75 Resp: 78522
 Ion Ratio Lower Upper
 75 100
 110 30.6 15.0 45.0
 77 32.9 24.6 37.0

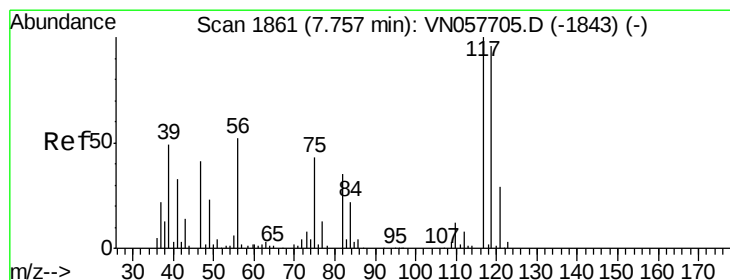
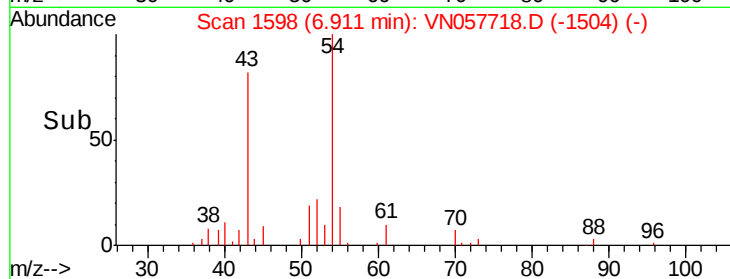
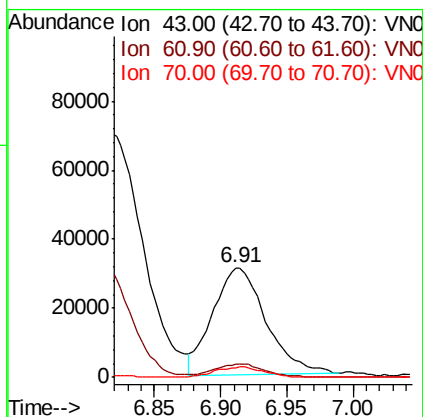
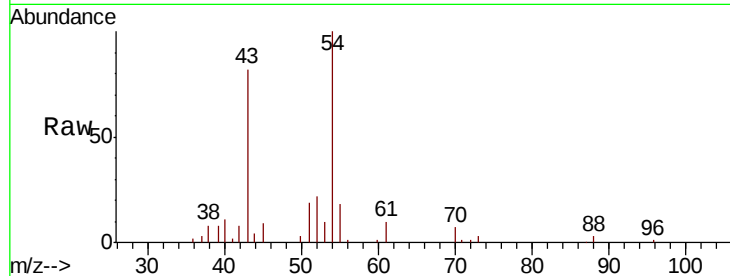




#37
Ethyl Acetate
Concen: 20.322 ug/l
RT: 6.91 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VN057718.D
Acq: 6 Sep 2019 17:31

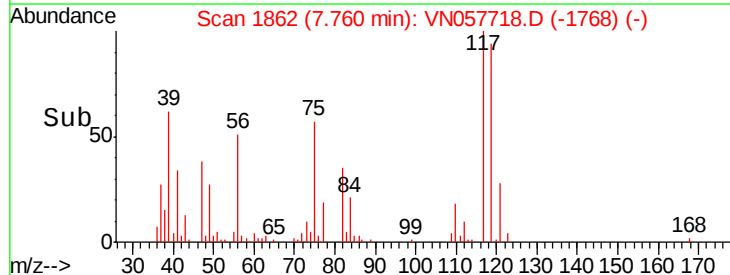
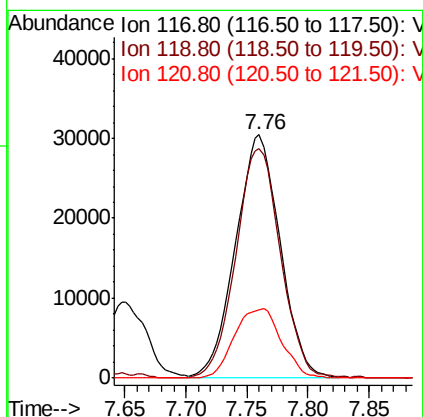
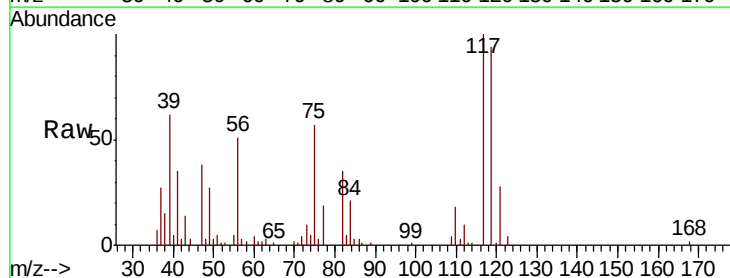
Instrument :
MSVOA_N
ClientSampleId :
VN0906WBSD01

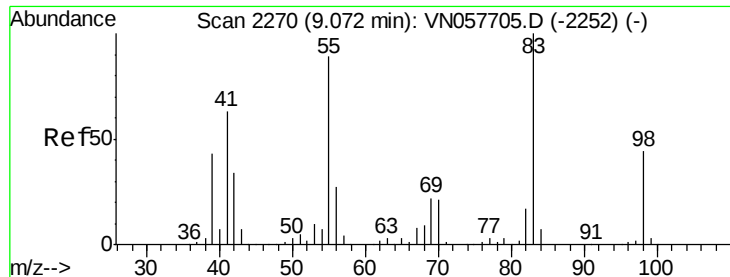
Tgt Ion: 43 Resp: 86281
Ion Ratio Lower Upper
43 100
61 12.2 9.8 14.8
70 8.9 6.7 10.1



#38
Carbon Tetrachloride
Concen: 18.866 ug/l
RT: 7.76 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VN057718.D
Acq: 6 Sep 2019 17:31

Tgt Ion: 117 Resp: 77256
Ion Ratio Lower Upper
117 100
119 94.1 76.1 114.1
121 28.0 23.4 35.2

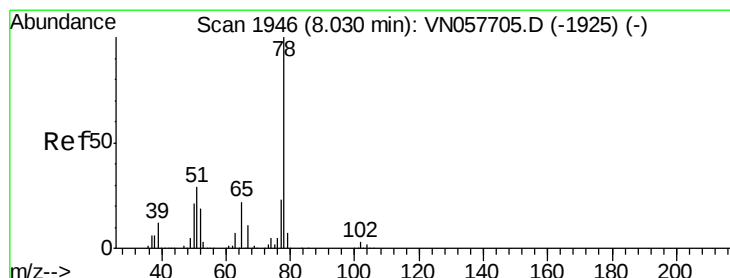
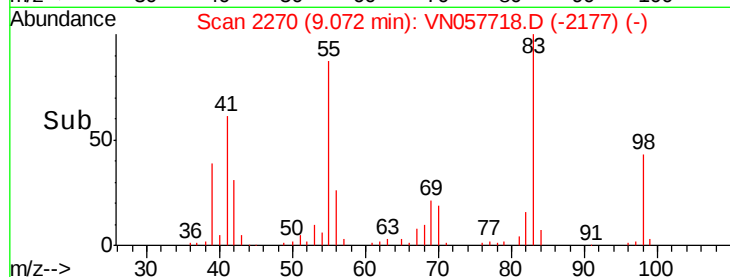
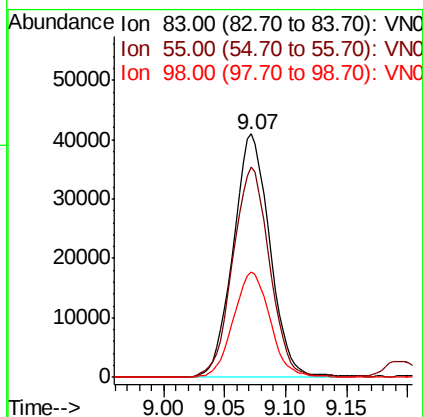
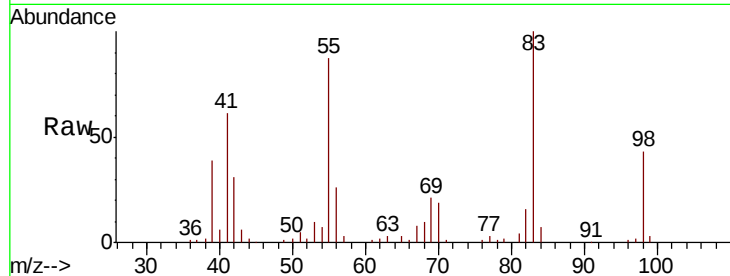




#39
Methylcyclohexane
Concen: 18.830 ug/l
RT: 9.07 min Scan# 2270
Delta R.T. 0.00 min
Lab File: VN057718.D
Acq: 6 Sep 2019 17:31

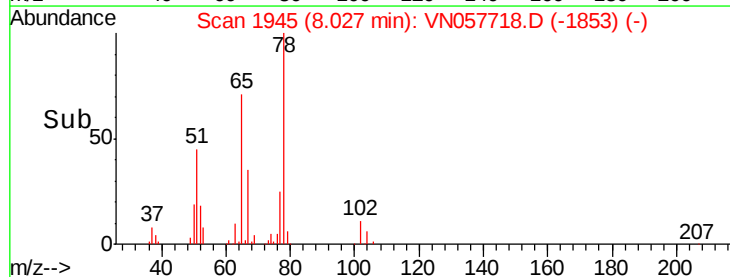
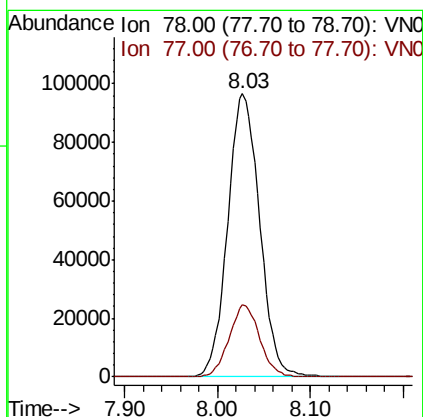
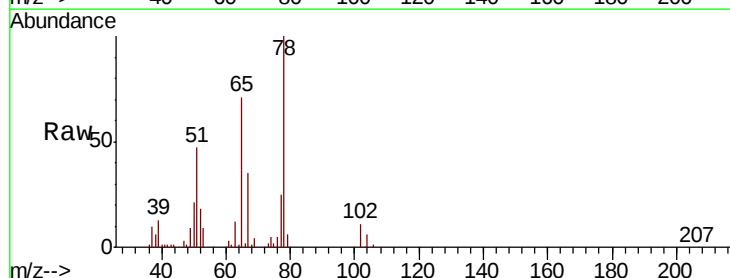
Instrument :
MSVOA_N
ClientSampled :
VN0906WBSD01

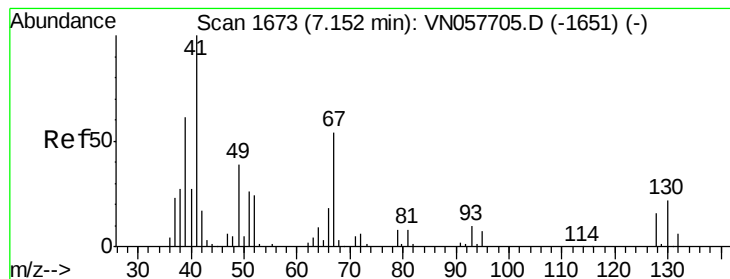
Tgt Ion: 83 Resp: 85179
Ion Ratio Lower Upper
83 100
55 86.6 71.4 107.0
98 43.1 35.3 52.9



#40
Benzene
Concen: 19.082 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN057718.D
Acq: 6 Sep 2019 17:31

Tgt Ion: 78 Resp: 230820
Ion Ratio Lower Upper
78 100
77 25.3 18.6 28.0





#41

Methacrylonitrile

Concen: 20.054 ug/l

RT: 7.16 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VN057718.D

Acq: 6 Sep 2019 17:31

Instrument :

MSVOA_N

ClientSampleId :

VN0906WBSD01

Tgt Ion: 41 Resp: 41620

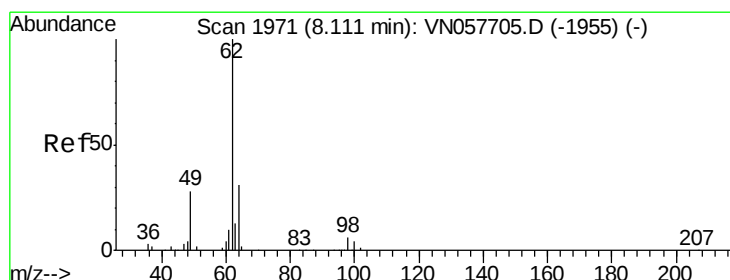
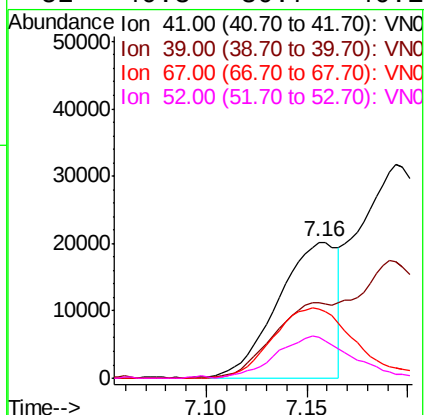
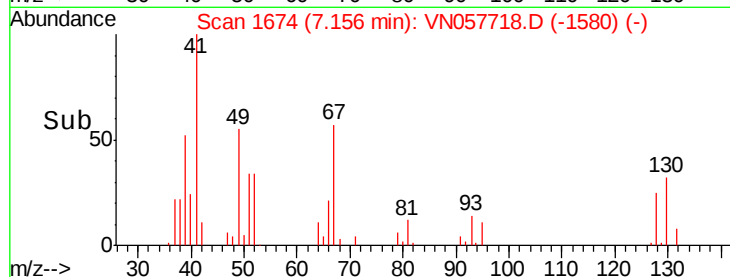
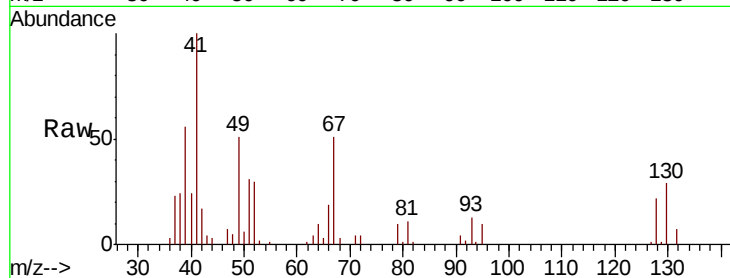
Ion Ratio Lower Upper

41 100

39 53.5 43.6 65.4

67 71.1 59.8 89.6

52 40.3 30.7 46.1



#42

1,2-Dichloroethane

Concen: 18.546 ug/l

RT: 8.11 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VN057718.D

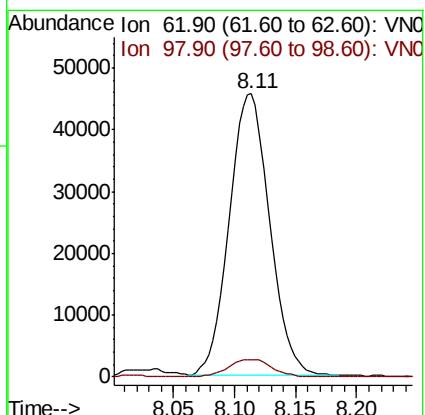
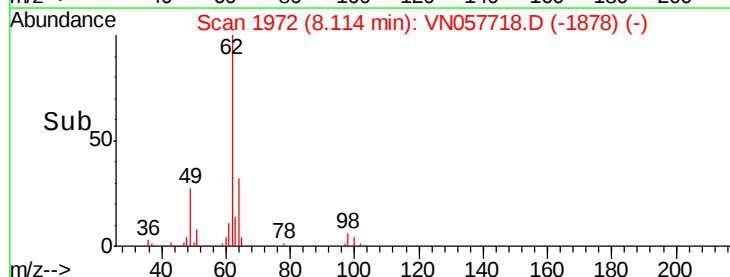
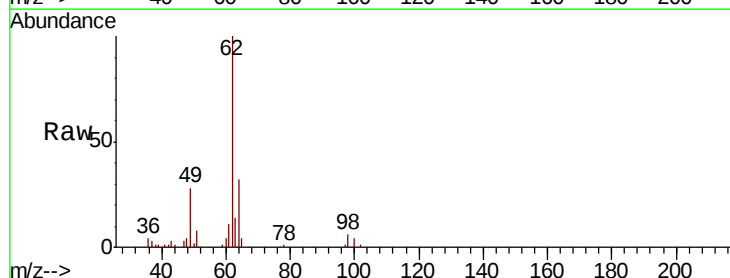
Acq: 6 Sep 2019 17:31

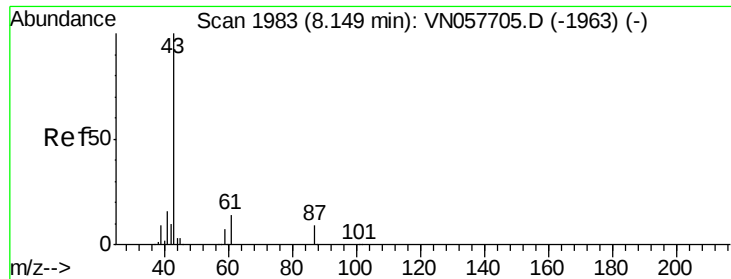
Tgt Ion: 62 Resp: 105154

Ion Ratio Lower Upper

62 100

98 6.5 0.0 12.6

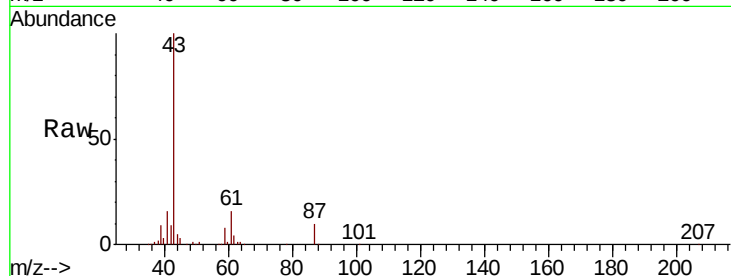




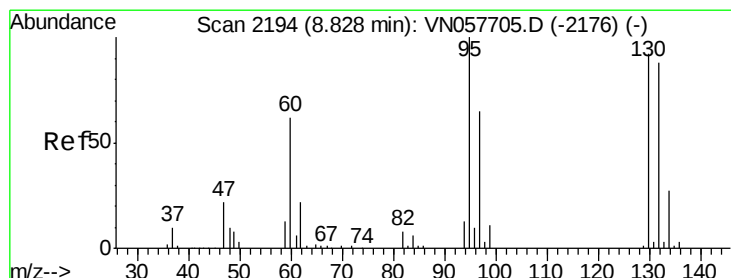
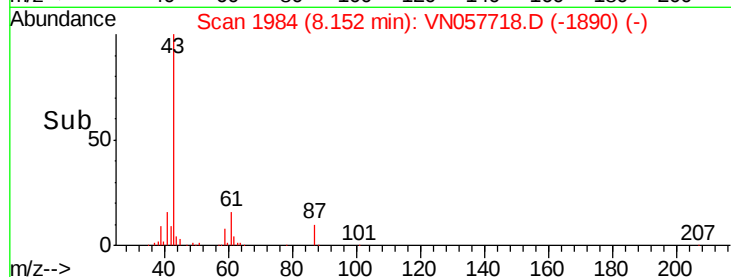
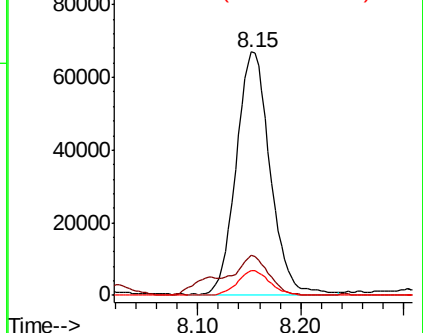
#43
Isopropyl Acetate
Concen: 18.675 ug/l
RT: 8.15 min Scan# 1984
Delta R.T. 0.00 min
Lab File: VN057718.D
Acq: 6 Sep 2019 17:31

Instrument :
MSVOA_N
ClientSampleId :
VN0906WBSD01

Tgt Ion: 43 Resp: 152187
Ion Ratio Lower Upper
43 100
61 13.6 12.8 19.2
87 9.7 7.8 11.8

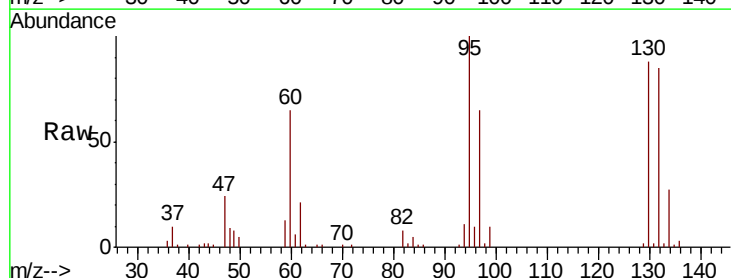


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

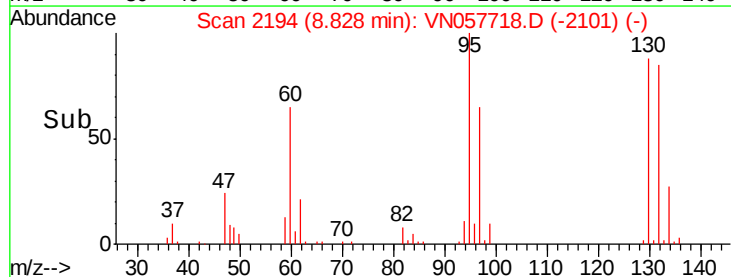
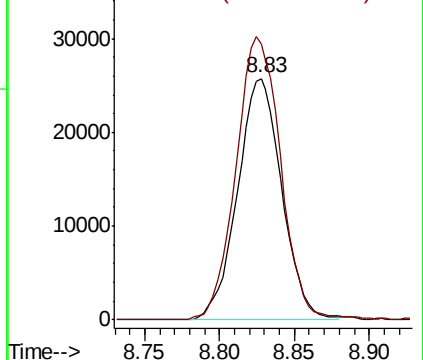


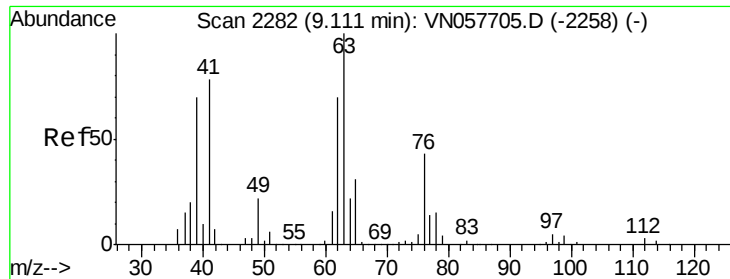
#44
Trichloroethene
Concen: 19.432 ug/l
RT: 8.83 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VN057718.D
Acq: 6 Sep 2019 17:31

Tgt Ion: 130 Resp: 52830
Ion Ratio Lower Upper
130 100
95 113.8 0.0 217.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VN0

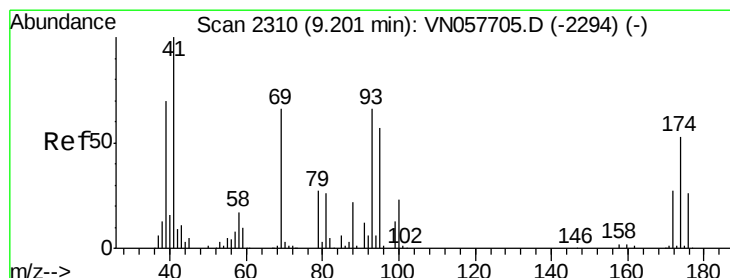
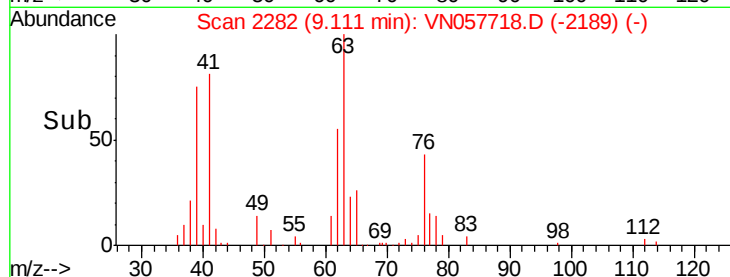
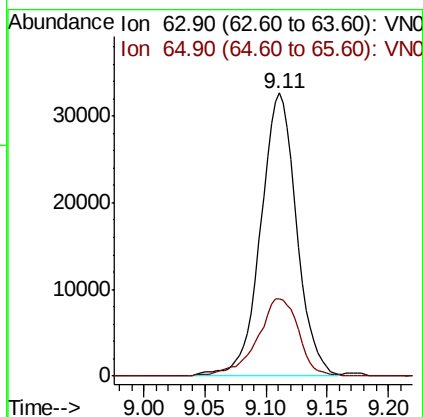
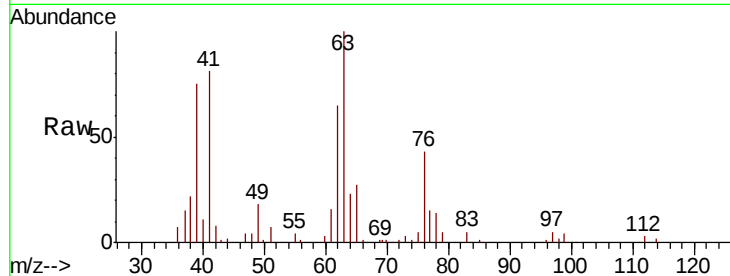




#45
 1,2-Dichloropropane
 Concen: 19.774 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. 0.00 min
 Lab File: VN057718.D
 Acq: 6 Sep 2019 17:31

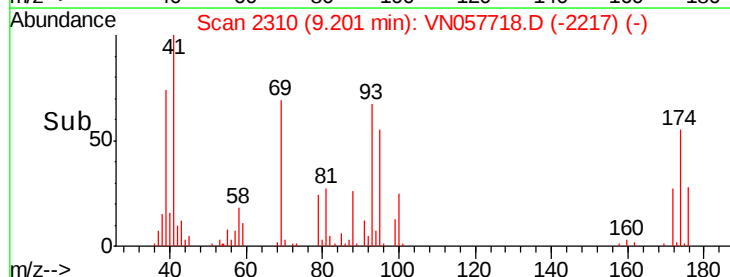
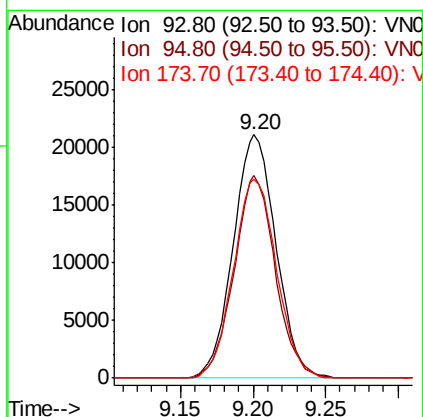
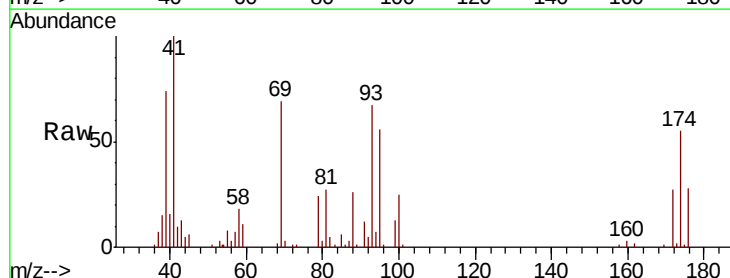
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0906WBSD01

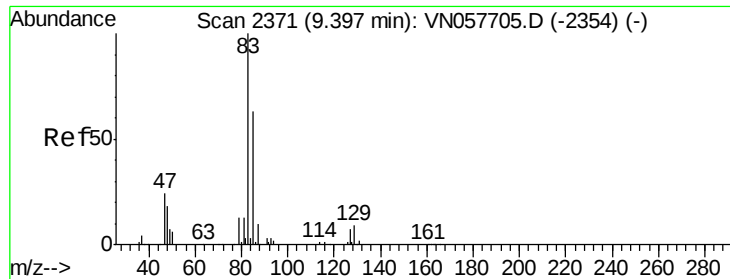
Tgt Ion: 63 Resp: 66898
 Ion Ratio Lower Upper
 63 100
 65 27.5 24.5 36.7



#46
 Dibromomethane
 Concen: 19.858 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN057718.D
 Acq: 6 Sep 2019 17:31

Tgt Ion: 93 Resp: 43093
 Ion Ratio Lower Upper
 93 100
 95 80.5 66.1 99.1
 174 82.5 63.4 95.2

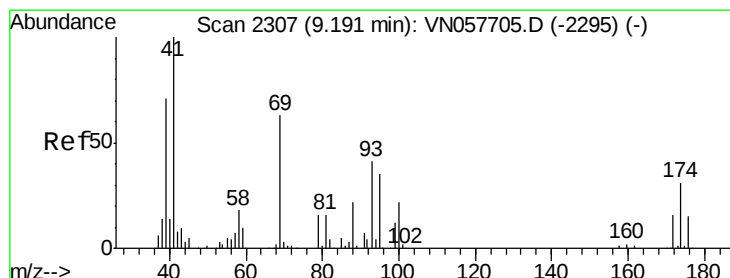
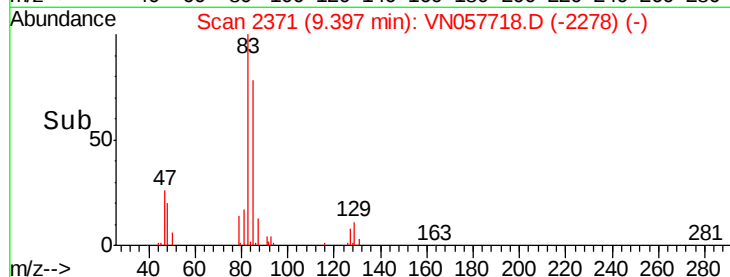
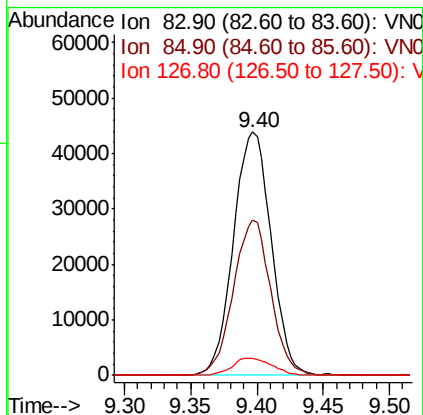
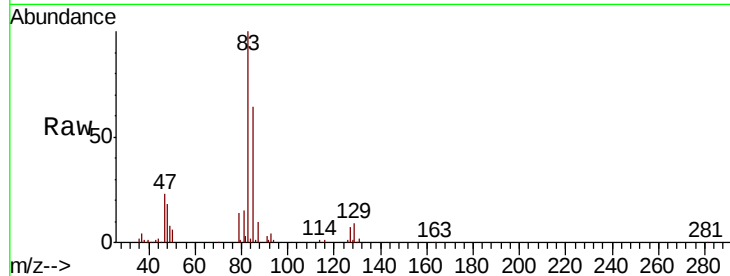




#47
 Bromodichloromethane
 Concen: 18.830 ug/l
 RT: 9.40 min Scan# 2371
 Delta R.T. 0.00 min
 Lab File: VN057718.D
 Acq: 6 Sep 2019 17:31

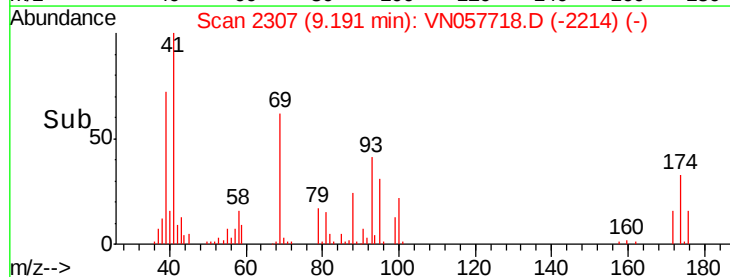
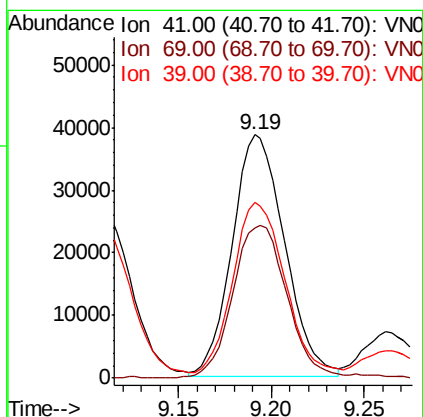
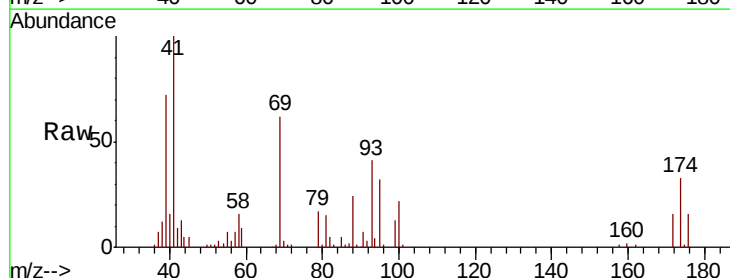
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0906WBSD01

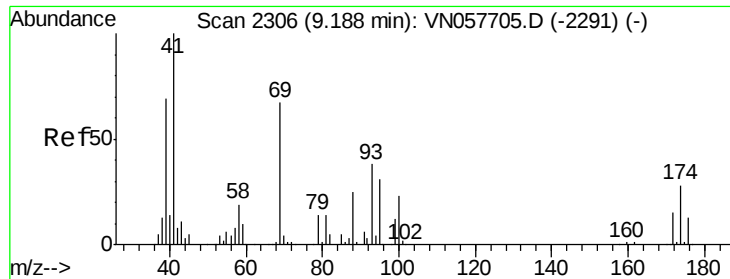
Tgt Ion: 83 Resp: 86845
 Ion Ratio Lower Upper
 83 100
 85 64.0 50.7 76.1
 127 6.9 5.6 8.4



#48
 Methyl methacrylate
 Concen: 18.127 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN057718.D
 Acq: 6 Sep 2019 17:31

Tgt Ion: 41 Resp: 75973
 Ion Ratio Lower Upper
 41 100
 69 66.1 51.2 76.8
 39 73.3 57.3 85.9

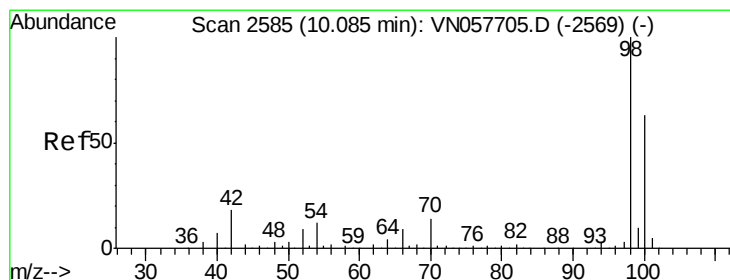
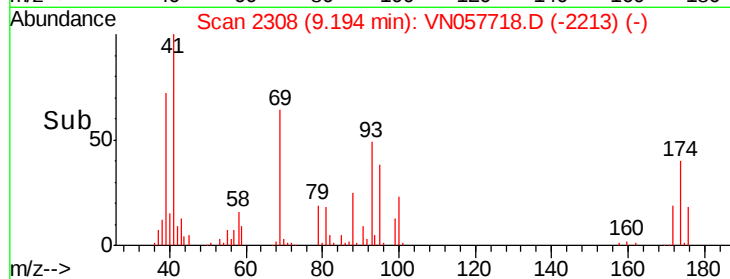
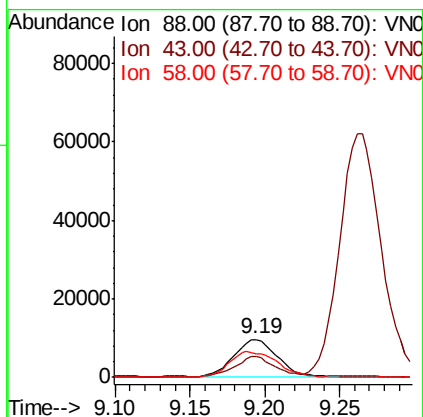
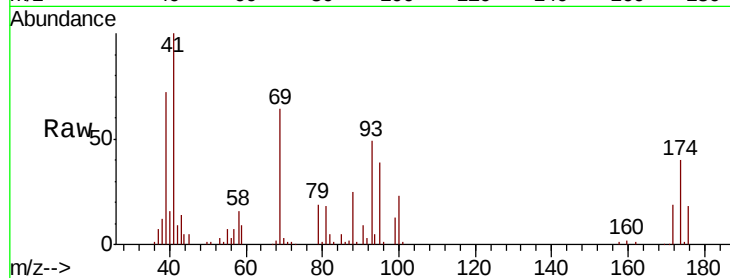




#49
 1,4-Dioxane
 Concen: 406.682 ug/l
 RT: 9.19 min Scan# 2308
 Delta R.T. 0.01 min
 Lab File: VN057718.D
 Acq: 6 Sep 2019 17:31

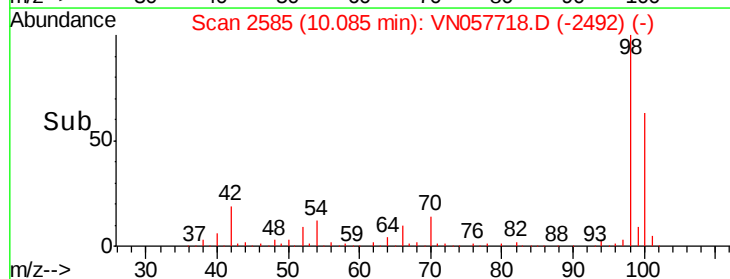
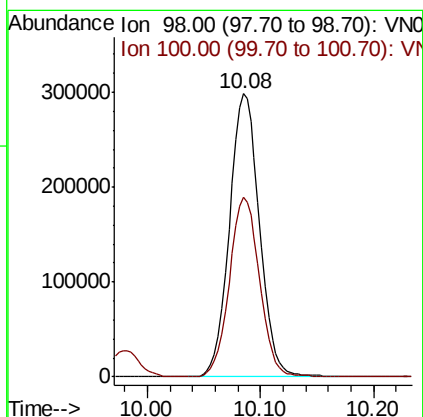
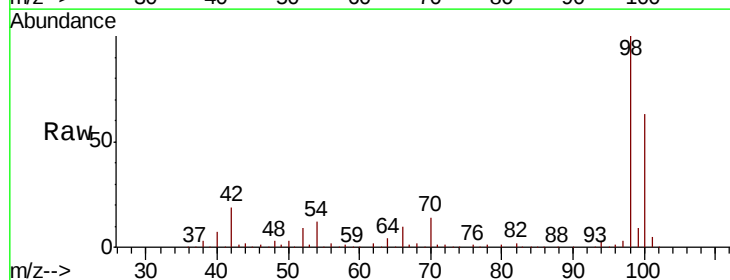
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0906WBSD01

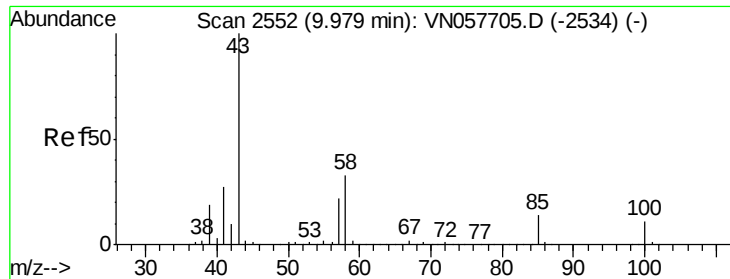
Tgt Ion: 88 Resp: 19832
 Ion Ratio Lower Upper
 88 100
 43 45.7 35.4 53.2
 58 73.5 61.5 92.3



#50
 Toluene-d8
 Concen: 50.874 ug/l
 RT: 10.08 min Scan# 2585
 Delta R.T. 0.00 min
 Lab File: VN057718.D
 Acq: 6 Sep 2019 17:31

Tgt Ion: 98 Resp: 551043
 Ion Ratio Lower Upper
 98 100
 100 63.9 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 100.463 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN057718.D

Acq: 6 Sep 2019 17:31

Instrument :

MSVOA_N

ClientSampleId :

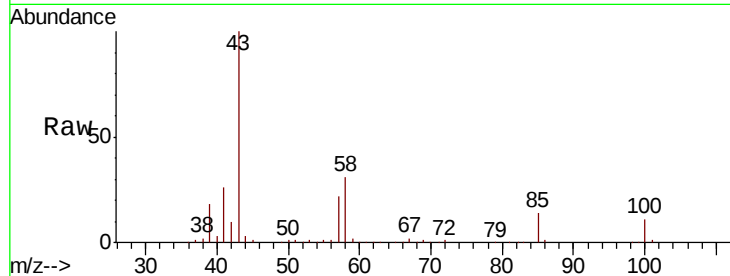
VN0906WBSD01

Tgt Ion: 43 Resp: 454677

Ion Ratio Lower Upper

43 100

58 32.6 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.98

250000

200000

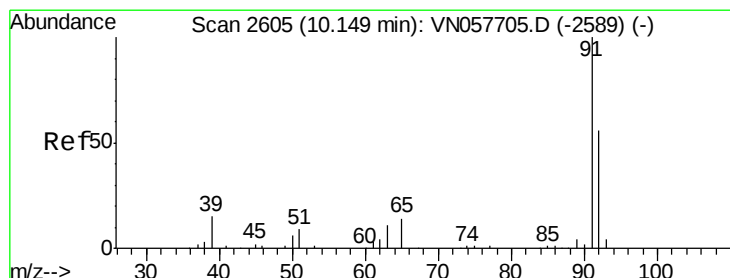
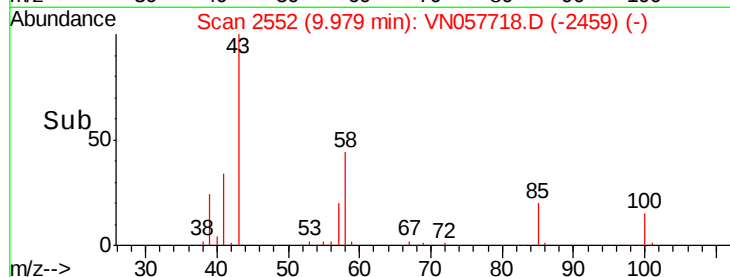
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.304 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN057718.D

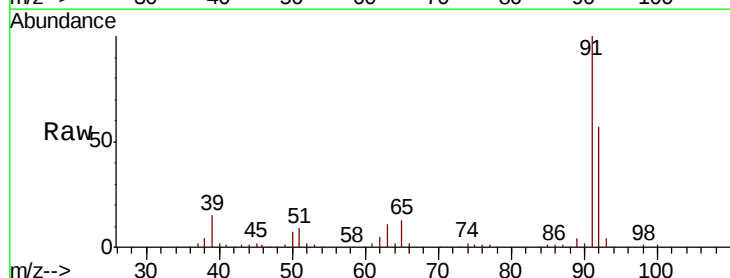
Acq: 6 Sep 2019 17:31

Tgt Ion: 92 Resp: 141525

Ion Ratio Lower Upper

92 100

91 177.3 141.5 212.3



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

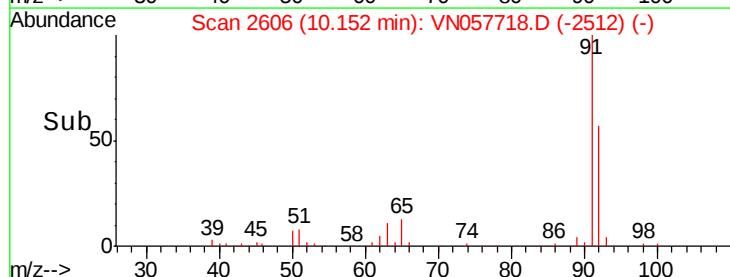
150000

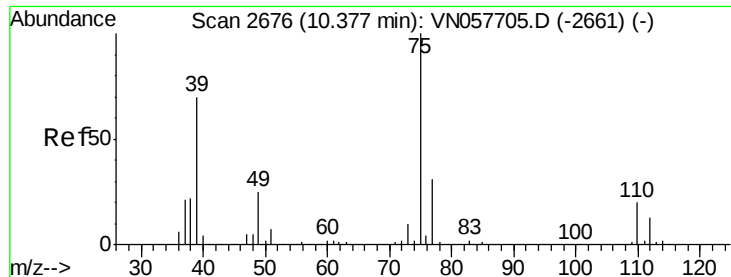
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.542 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN057718.D

Acq: 6 Sep 2019 17:31

Instrument :

MSVOA_N

ClientSampleId :

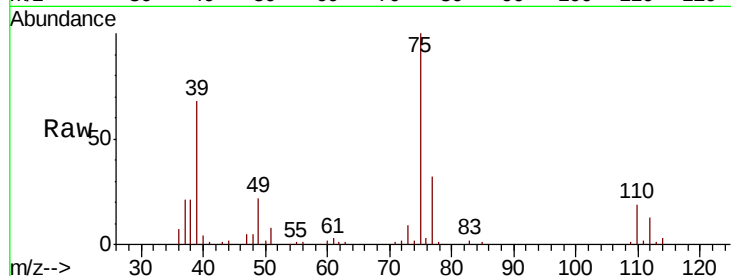
VN0906WBSD01

Tgt Ion: 75 Resp: 85792

Ion Ratio Lower Upper

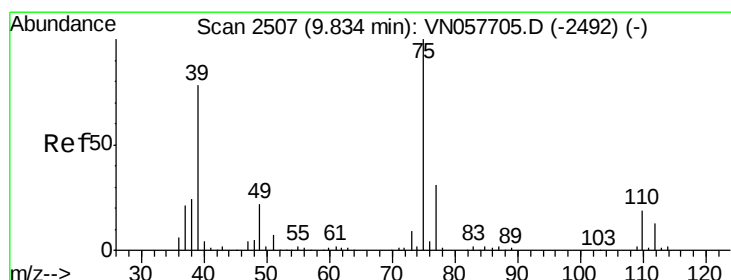
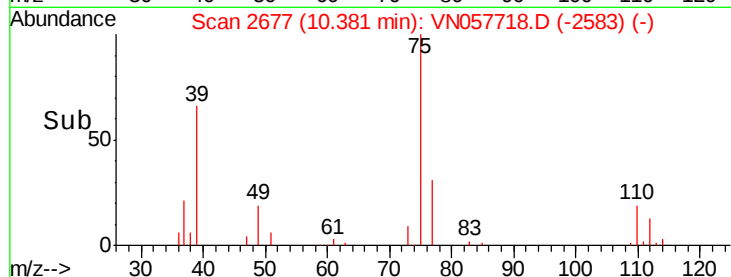
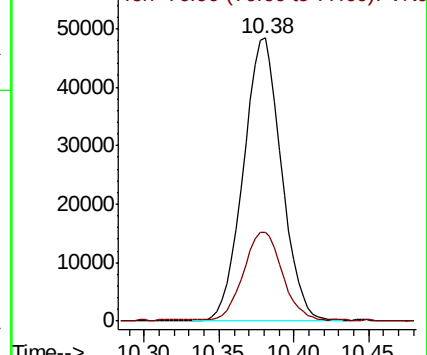
75 100

77 31.1 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 18.942 ug/l

RT: 9.83 min Scan# 2507

Delta R.T. 0.00 min

Lab File: VN057718.D

Acq: 6 Sep 2019 17:31

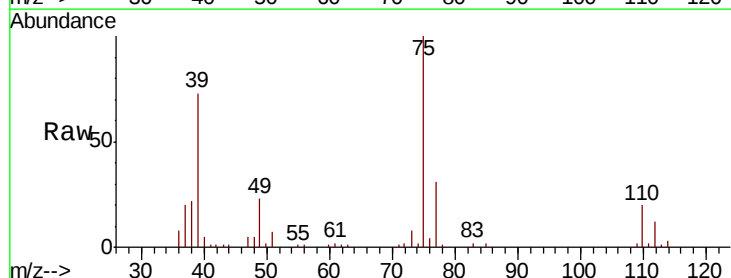
Tgt Ion: 75 Resp: 94690

Ion Ratio Lower Upper

75 100

77 30.8 25.1 37.7

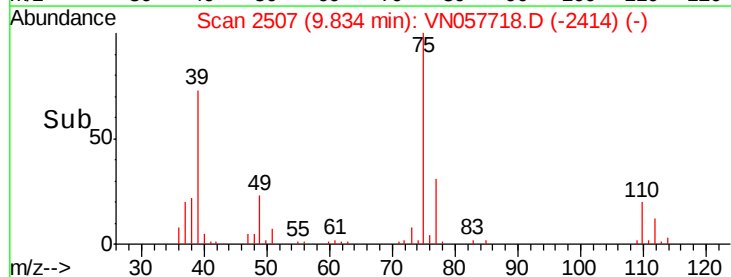
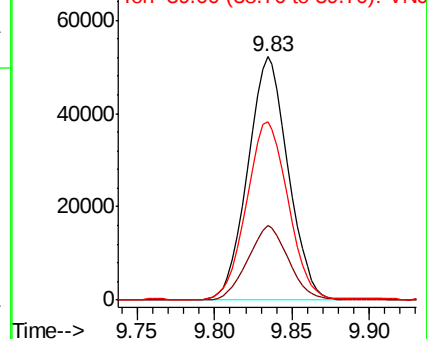
39 73.0 62.4 93.6

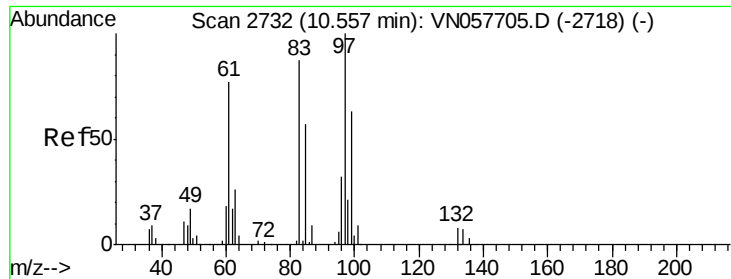


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 19.675 ug/l

RT: 10.56 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VN057718.D

Acq: 6 Sep 2019 17:31

Instrument :

MSVOA_N

ClientSampleId :

VN0906WBSD01

Tgt Ion: 97 Resp: 58049

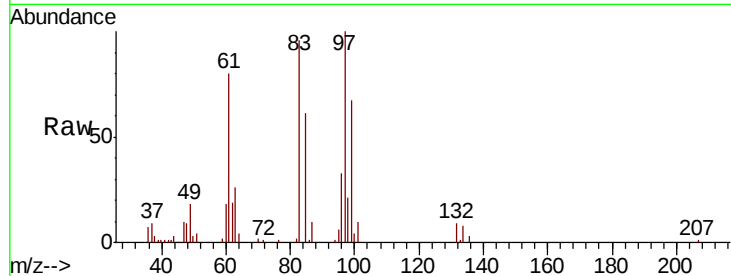
Ion Ratio Lower Upper

97 100

83 96.2 69.5 104.3

85 61.2 45.7 68.5

99 66.8 50.2 75.4

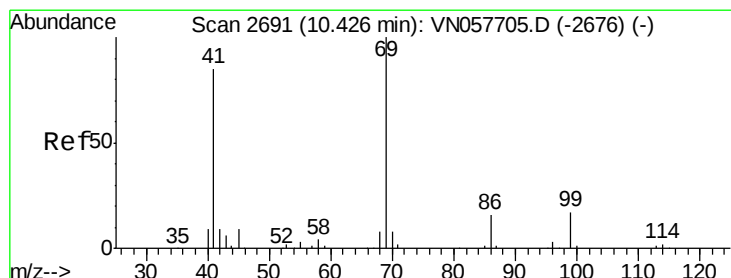
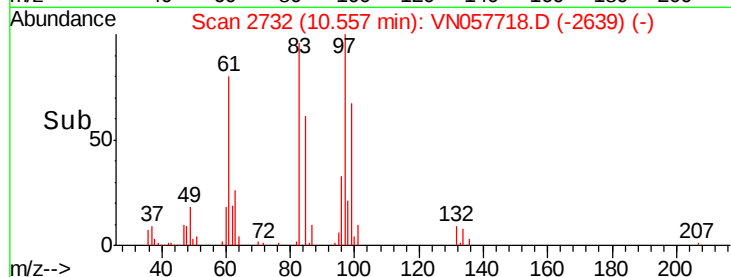
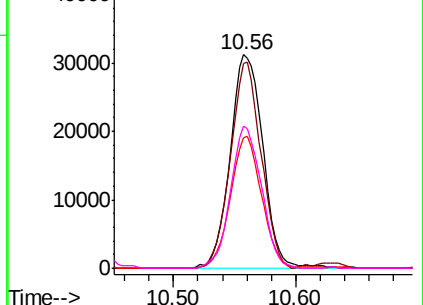


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 19.087 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. 0.00 min

Lab File: VN057718.D

Acq: 6 Sep 2019 17:31

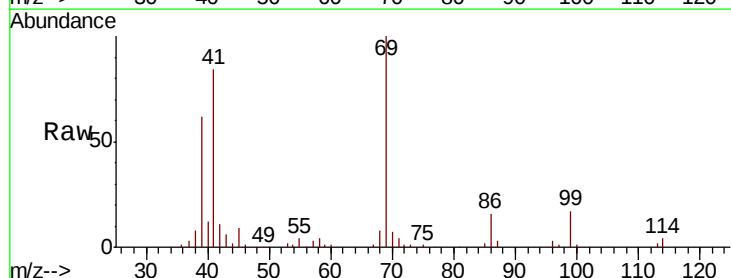
Tgt Ion: 69 Resp: 89885

Ion Ratio Lower Upper

69 100

41 83.5 69.0 103.4

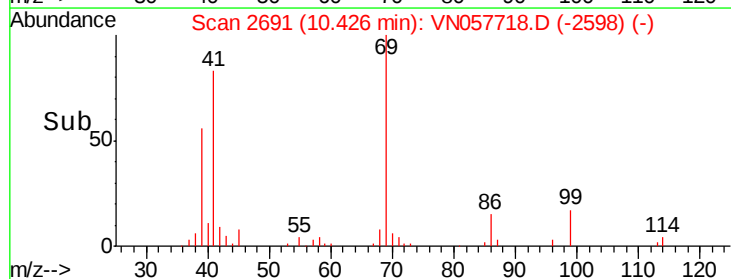
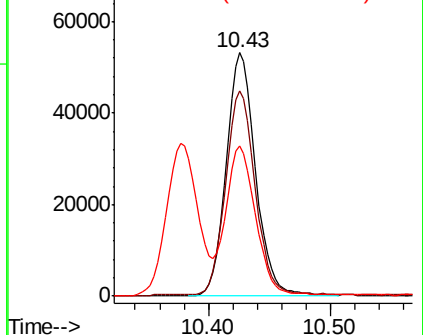
39 62.4 49.2 73.8

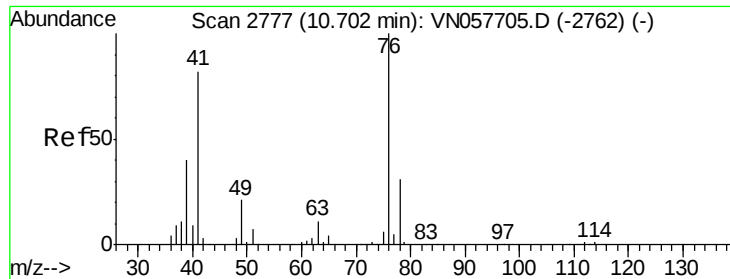


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

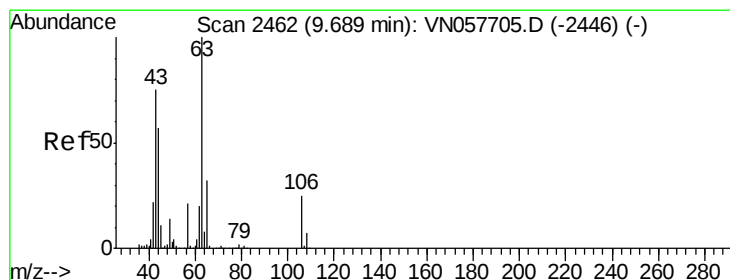
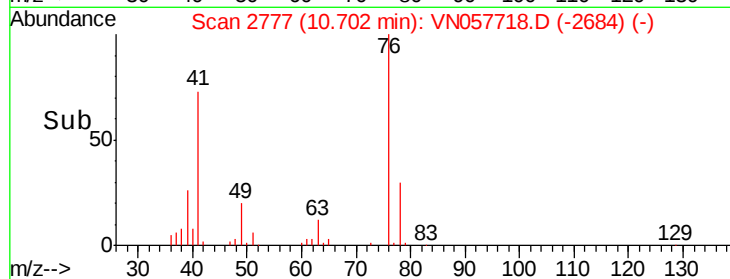
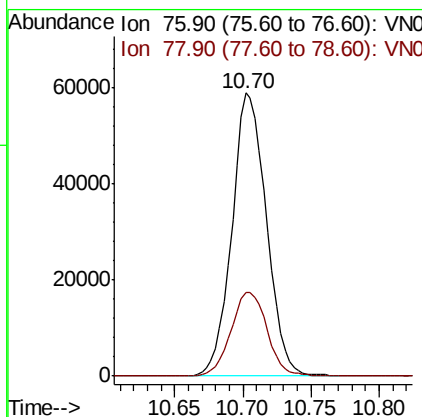
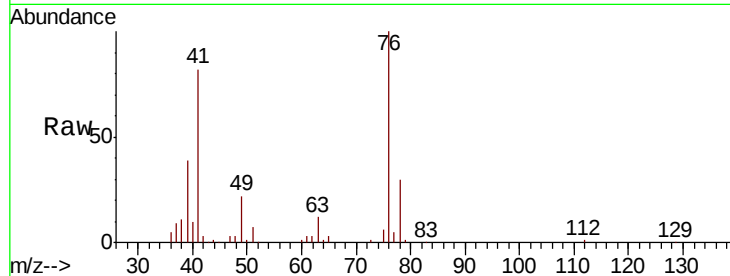




#57
 1,3-Dichloropropane
 Concen: 19.454 ug/l
 RT: 10.70 min Scan# 2777
 Delta R.T. 0.00 min
 Lab File: VN057718.D
 Acq: 6 Sep 2019 17:31

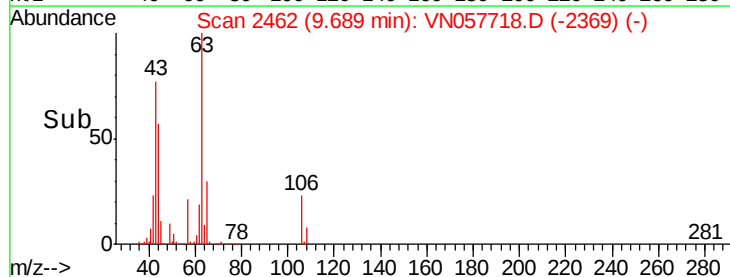
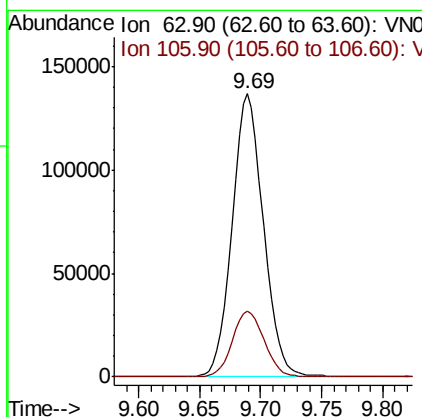
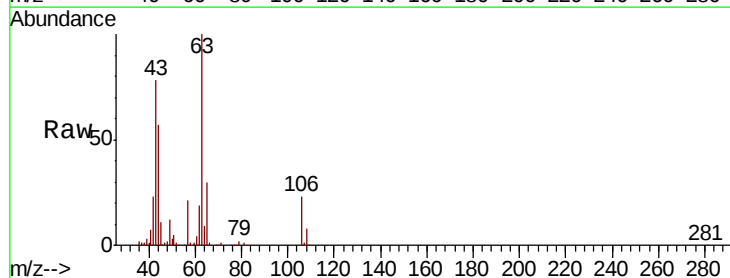
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0906WBSD01

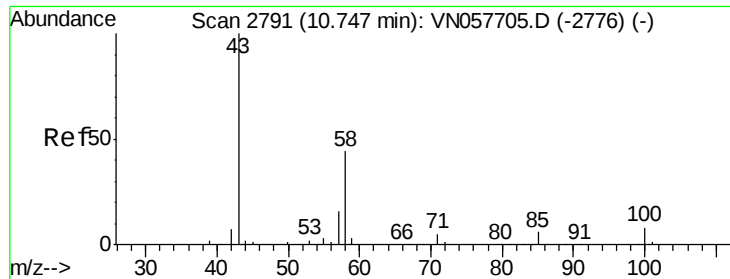
Tgt Ion: 76 Resp: 103103
 Ion Ratio Lower Upper
 76 100
 78 31.0 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.796 ug/l
 RT: 9.69 min Scan# 2462
 Delta R.T. 0.00 min
 Lab File: VN057718.D
 Acq: 6 Sep 2019 17:31

Tgt Ion: 63 Resp: 243212
 Ion Ratio Lower Upper
 63 100
 106 23.7 19.4 29.2

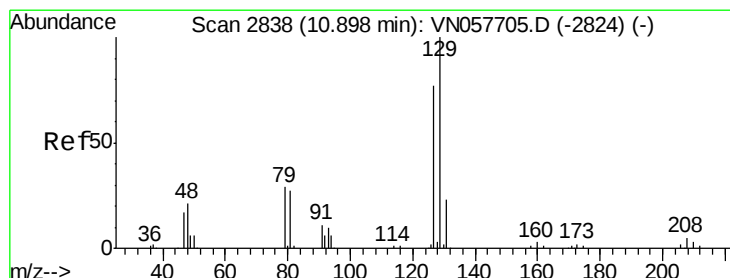
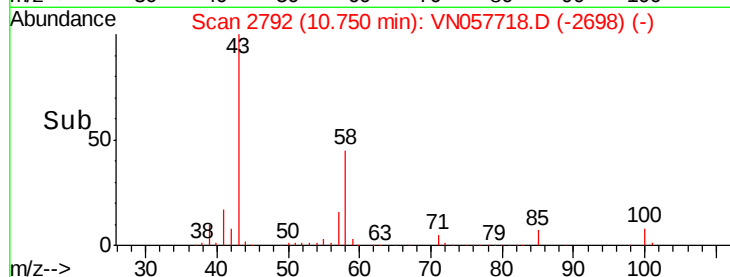
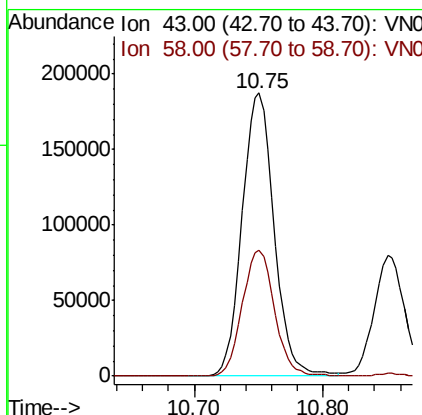
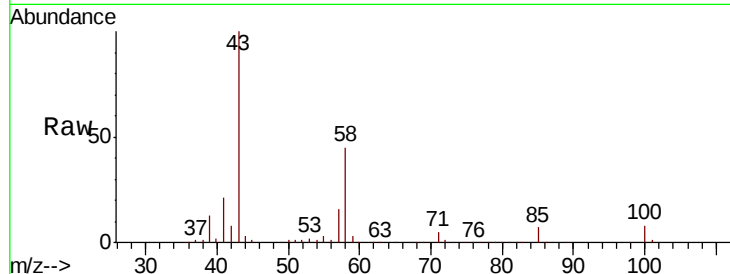




#59
2-Hexanone
Concen: 101.583 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN057718.D
Acq: 6 Sep 2019 17:31

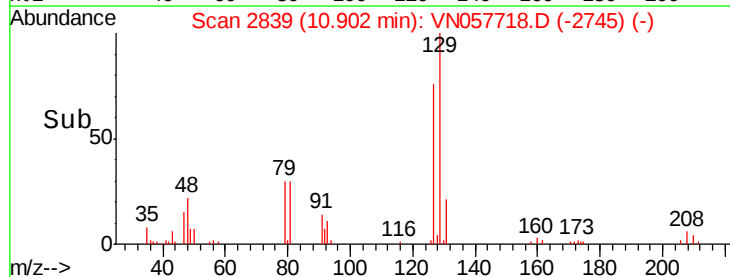
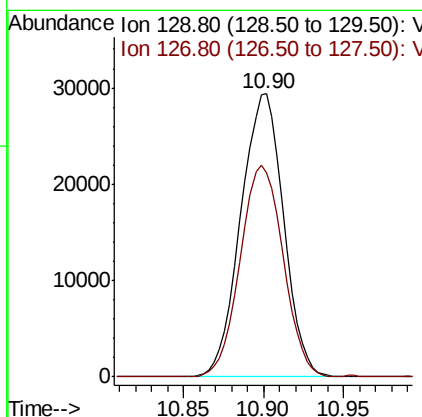
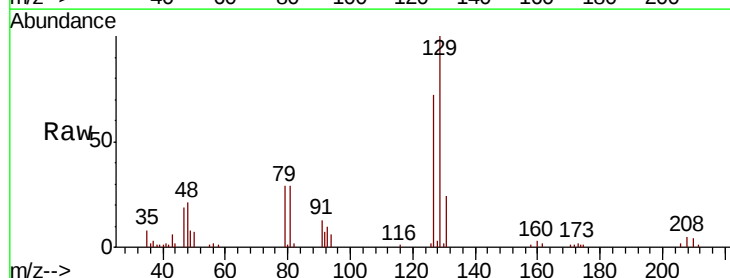
Instrument :
MSVOA_N
ClientSampleId :
VN0906WBSD01

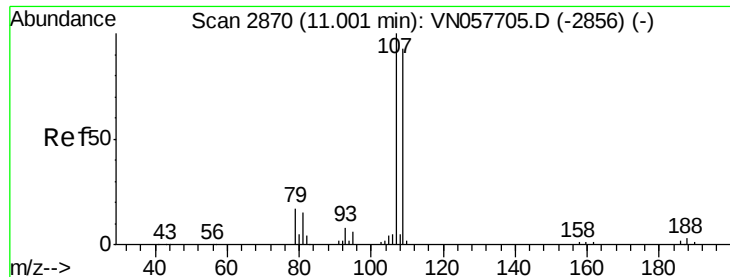
Tgt Ion: 43 Resp: 324194
Ion Ratio Lower Upper
43 100
58 45.0 22.1 66.5



#60
Dibromochloromethane
Concen: 18.138 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN057718.D
Acq: 6 Sep 2019 17:31

Tgt Ion: 129 Resp: 53803
Ion Ratio Lower Upper
129 100
127 74.9 38.4 115.2

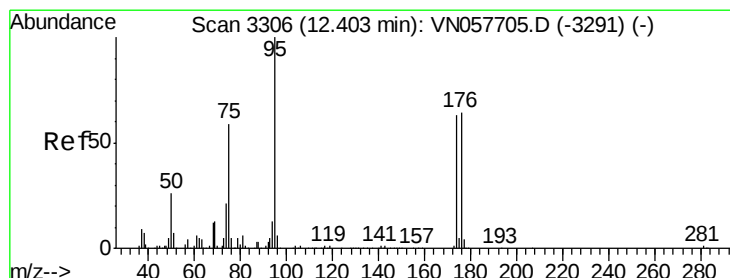
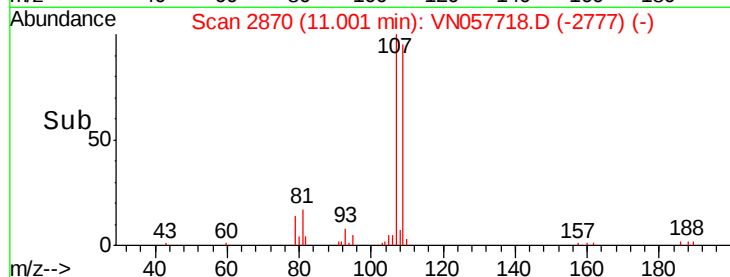
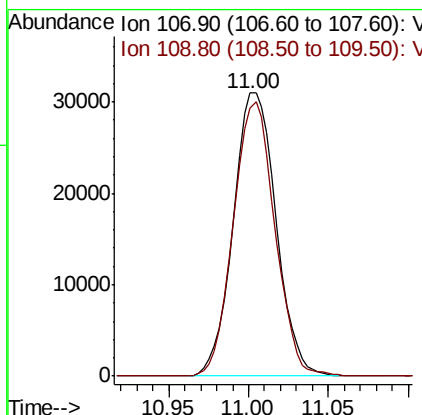
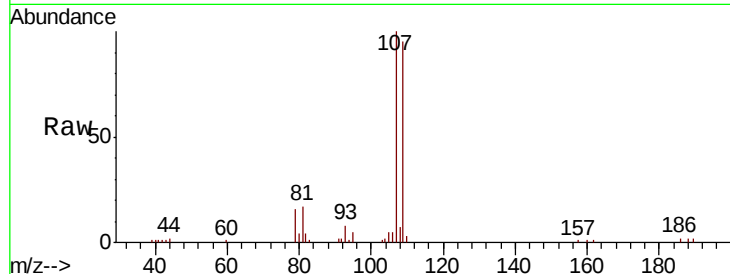




#61
 1,2-Dibromoethane
 Concen: 19.928 ug/l
 RT: 11.00 min Scan# 2870
 Delta R.T. 0.00 min
 Lab File: VN057718.D
 Acq: 6 Sep 2019 17:31

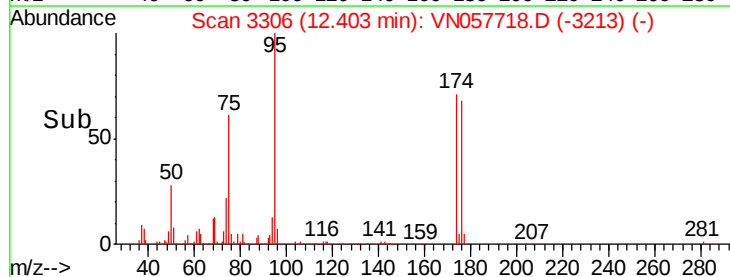
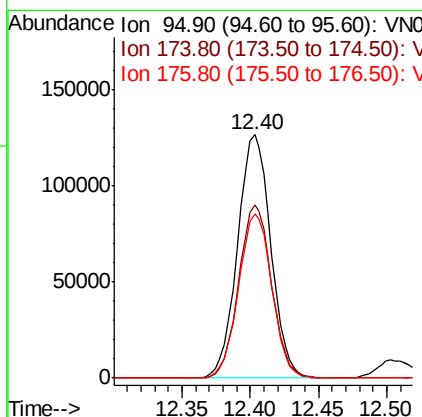
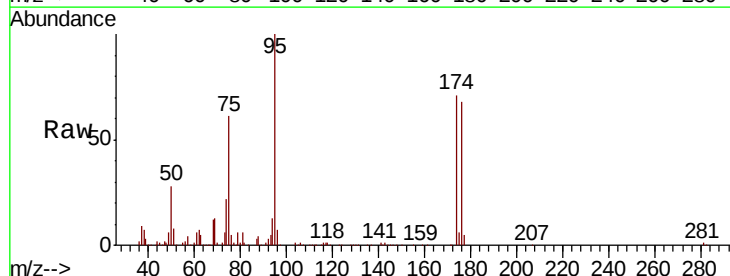
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0906WBSD01

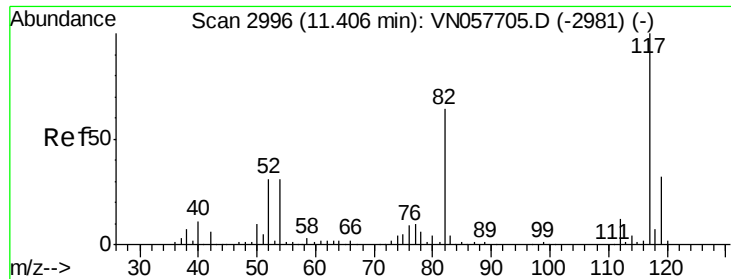
Tgt Ion: 107 Resp: 56445
 Ion Ratio Lower Upper
 107 100
 109 93.9 74.6 112.0



#62
 4-Bromofluorobenzene
 Concen: 47.598 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN057718.D
 Acq: 6 Sep 2019 17:31

Tgt Ion: 95 Resp: 214140
 Ion Ratio Lower Upper
 95 100
 174 70.4 0.0 128.0
 176 67.4 0.0 128.0

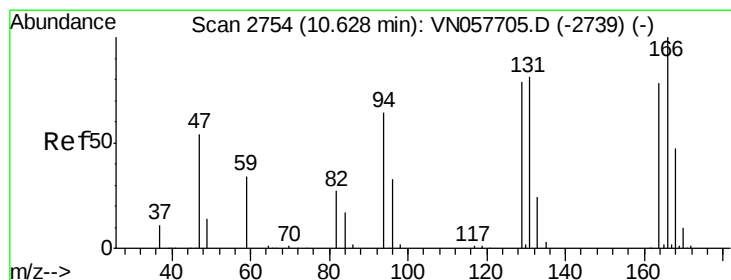
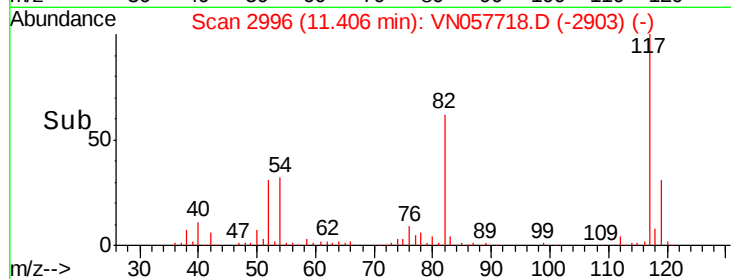
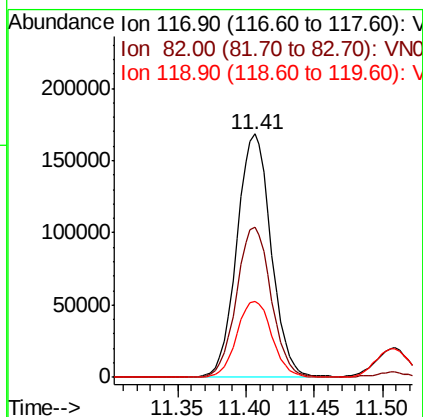
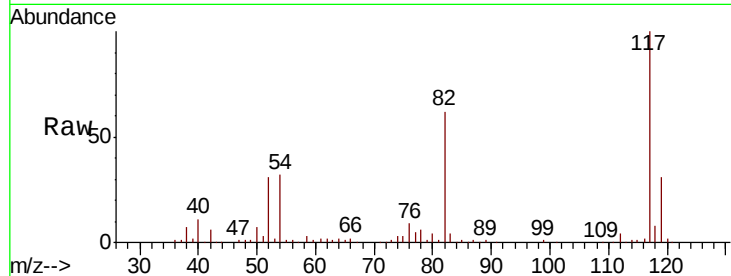




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057718.D
Acq: 6 Sep 2019 17:31

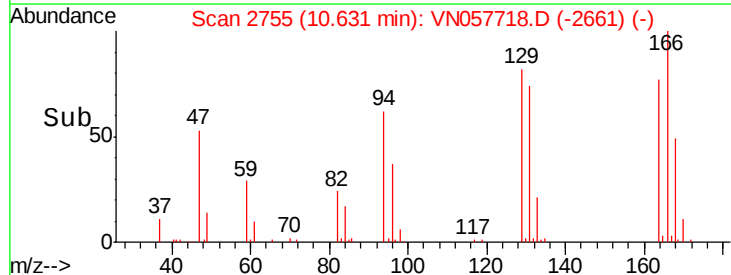
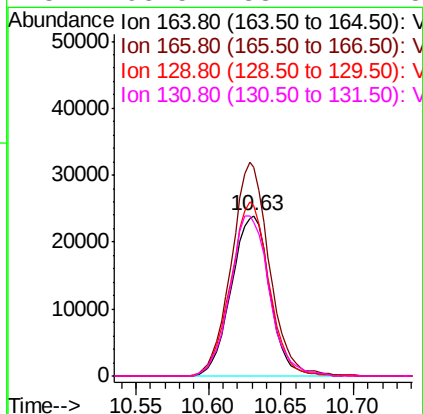
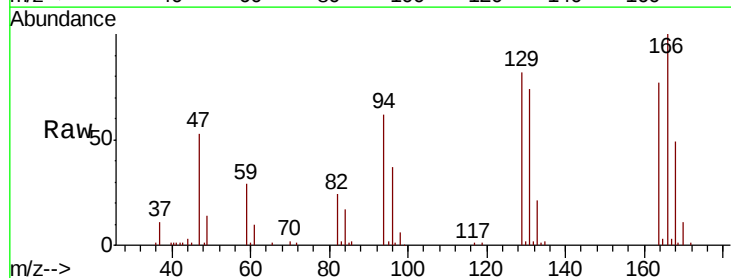
Instrument :
MSVOA_N
ClientSampleId :
VN0906WBSD01

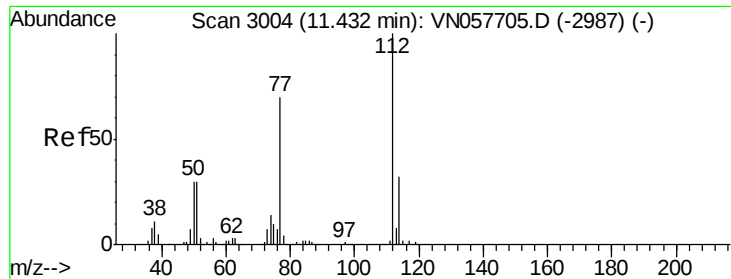
Tgt Ion:117 Resp: 294471
Ion Ratio Lower Upper
117 100
82 61.7 51.4 77.0
119 31.5 25.4 38.2



#64
Tetrachloroethene
Concen: 19.060 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN057718.D
Acq: 6 Sep 2019 17:31

Tgt Ion:164 Resp: 43757
Ion Ratio Lower Upper
164 100
166 129.8 103.0 154.6
129 105.9 81.1 121.7
131 95.5 83.2 124.8





#65

Chlorobenzene

Concen: 19.330 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN057718.D

Acq: 6 Sep 2019 17:31

Instrument :

MSVOA_N

ClientSampleId :

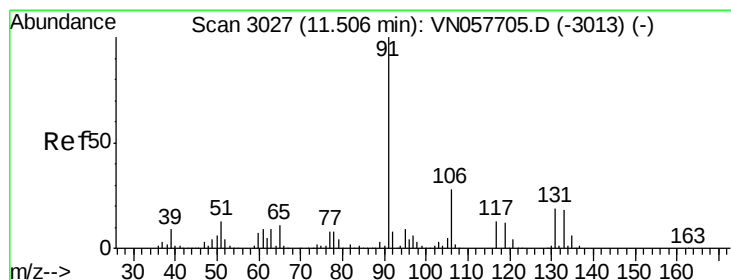
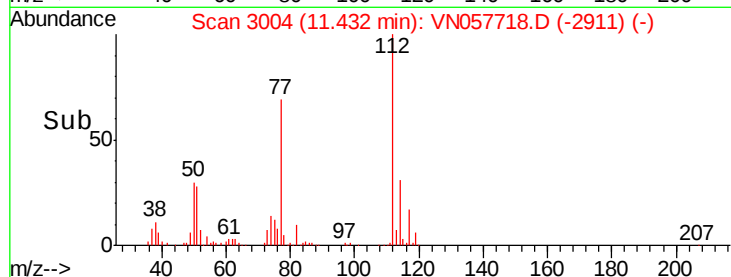
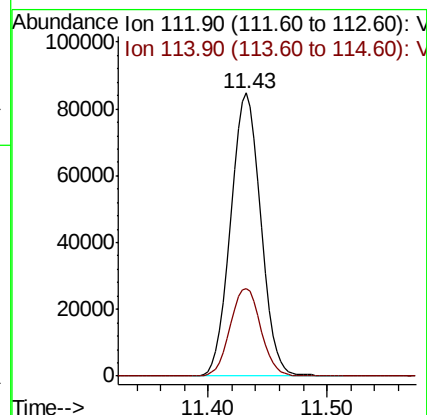
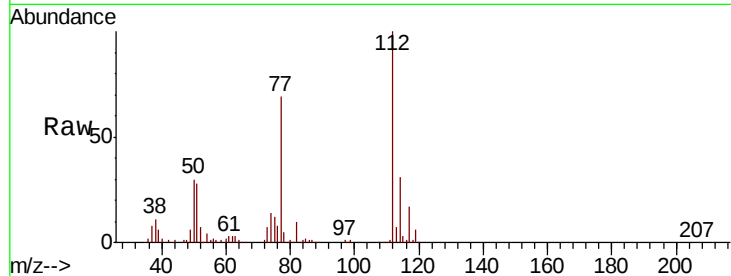
VN0906WBSD01

Tgt Ion:112 Resp: 148484

Ion Ratio Lower Upper

112 100

114 30.9 25.8 38.8



#66

1,1,1,2-Tetrachloroethane

Concen: 20.413 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN057718.D

Acq: 6 Sep 2019 17:31

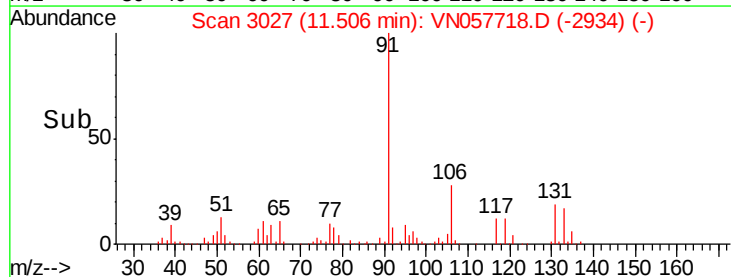
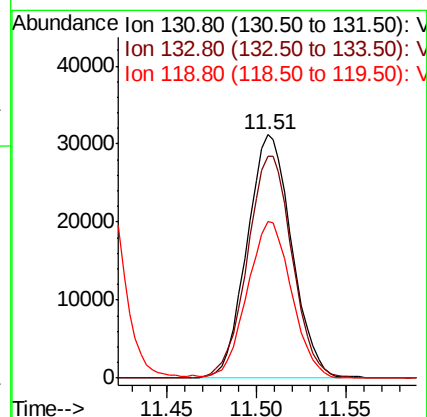
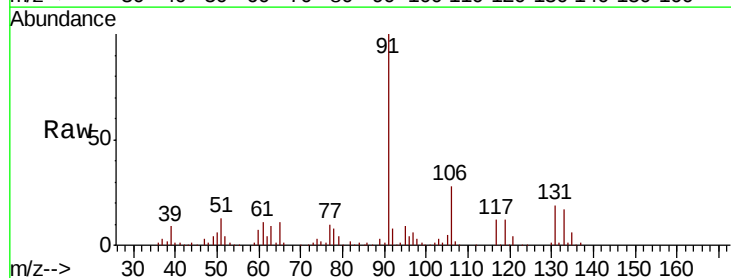
Tgt Ion:131 Resp: 54561

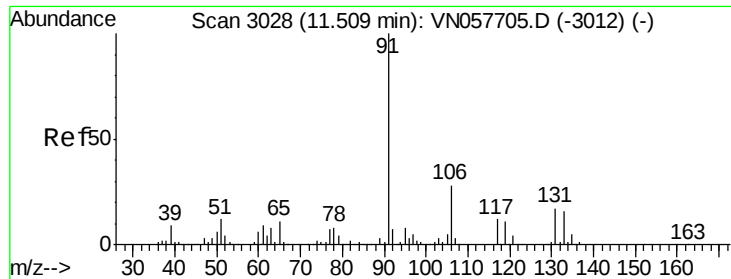
Ion Ratio Lower Upper

131 100

133 92.2 47.6 142.9

119 63.9 32.8 98.3

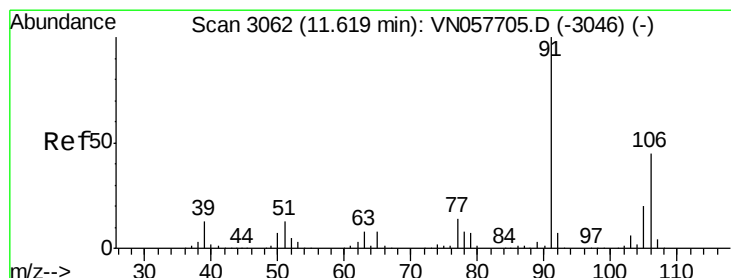
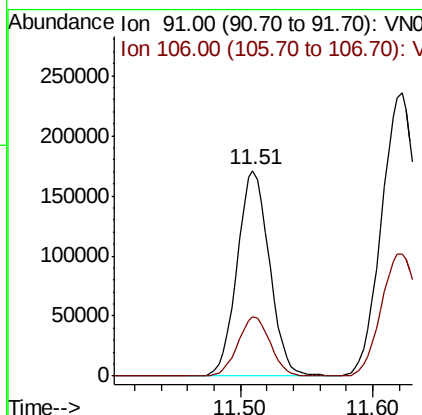
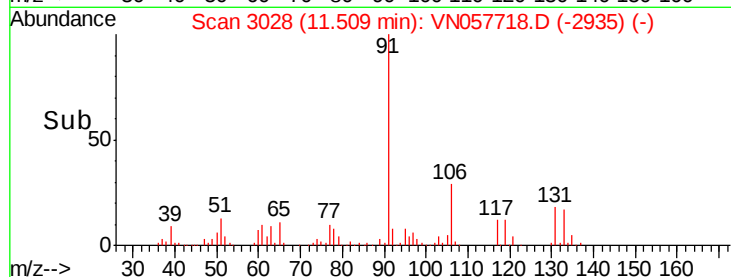
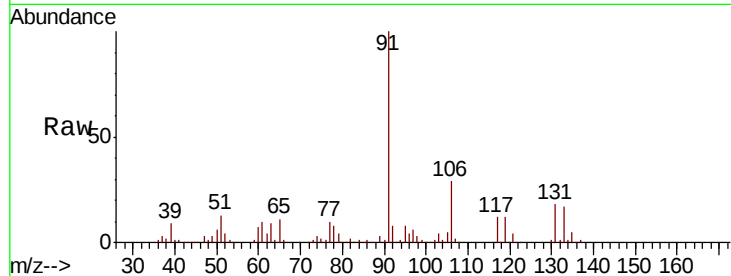




#67
Ethyl Benzene
Concen: 19.490 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN057718.D
Acq: 6 Sep 2019 17:31

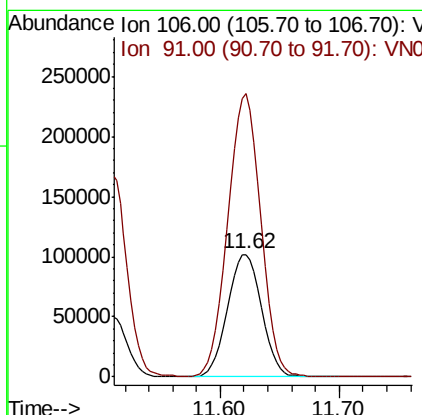
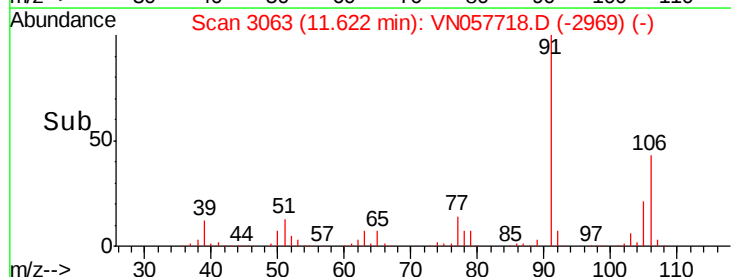
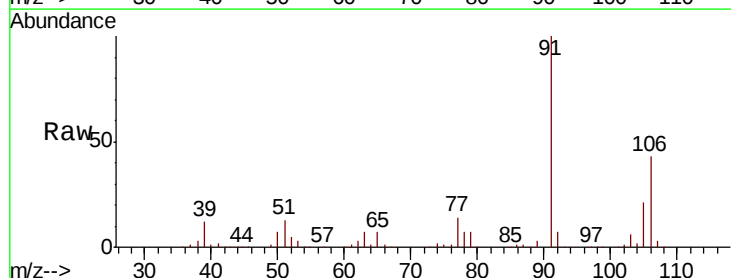
Instrument :
MSVOA_N
ClientSampleId :
VN0906WBSD01

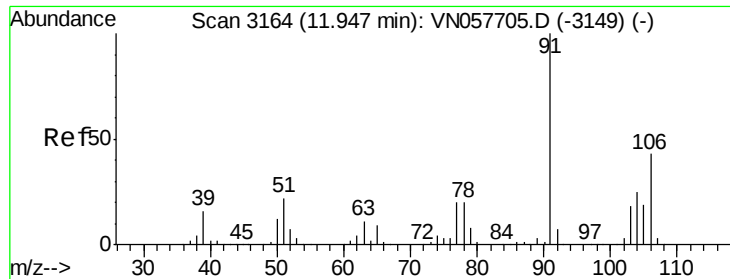
Tgt Ion: 91 Resp: 288852
Ion Ratio Lower Upper
91 100
106 29.0 22.8 34.2



#68
m/p-Xylenes
Concen: 39.476 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN057718.D
Acq: 6 Sep 2019 17:31

Tgt Ion: 106 Resp: 201513
Ion Ratio Lower Upper
106 100
91 223.8 179.8 269.8

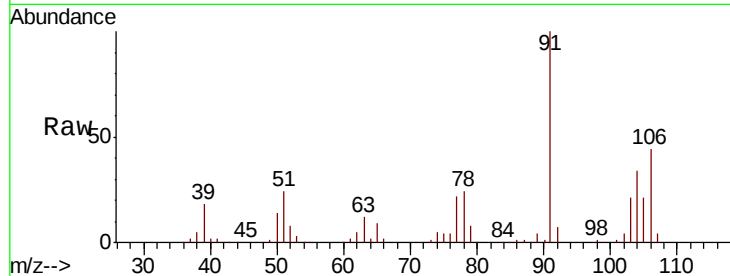




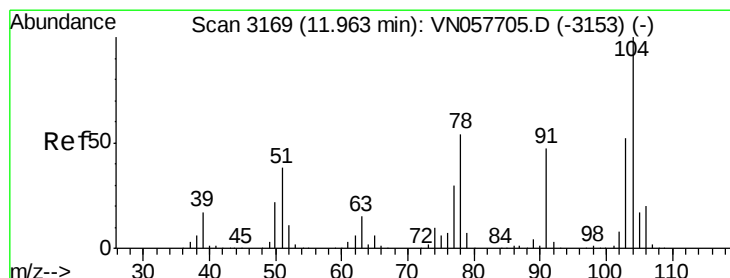
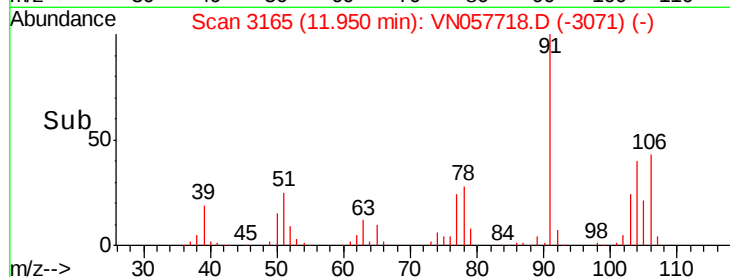
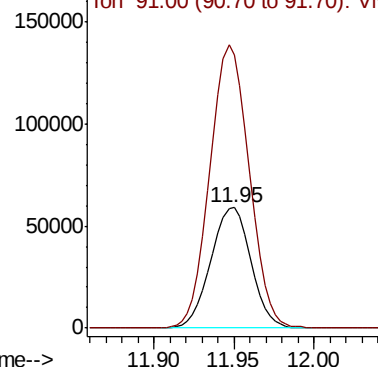
#69
o-Xylene
Concen: 20.019 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN057718.D
Acq: 6 Sep 2019 17:31

Instrument :
MSVOA_N
ClientSampleId :
VN0906WBSD01

Tgt Ion:106 Resp: 101187
Ion Ratio Lower Upper
106 100
91 230.3 116.8 350.4

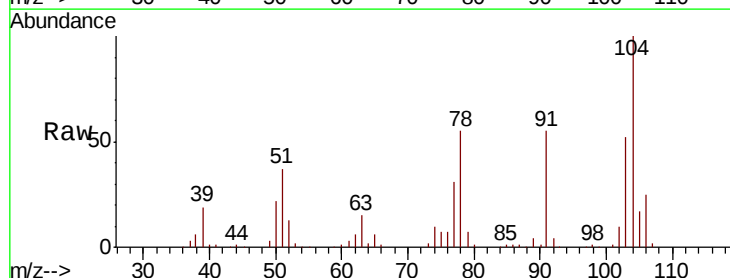


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

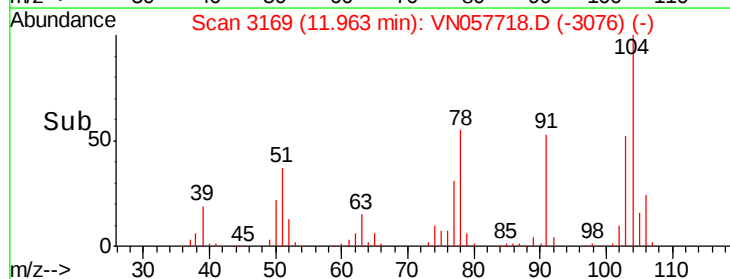
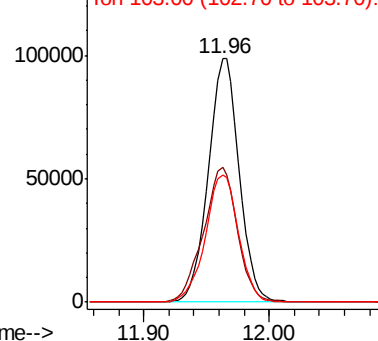


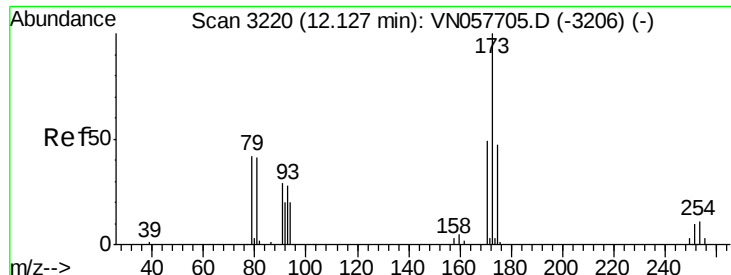
#70
Styrene
Concen: 19.309 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN057718.D
Acq: 6 Sep 2019 17:31

Tgt Ion:104 Resp: 168876
Ion Ratio Lower Upper
104 100
78 60.7 48.5 72.7
103 56.0 45.0 67.4



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

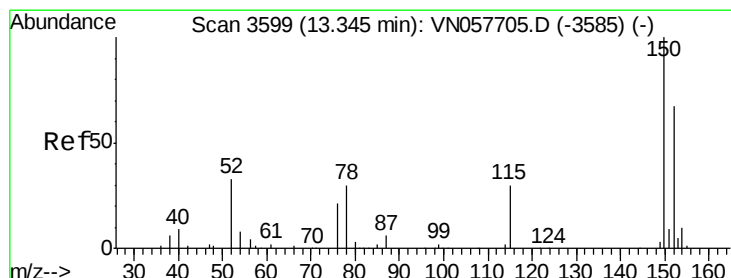
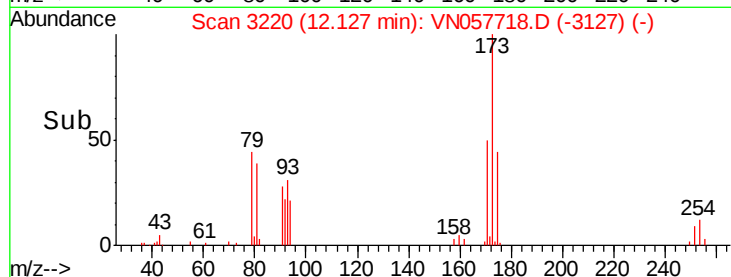
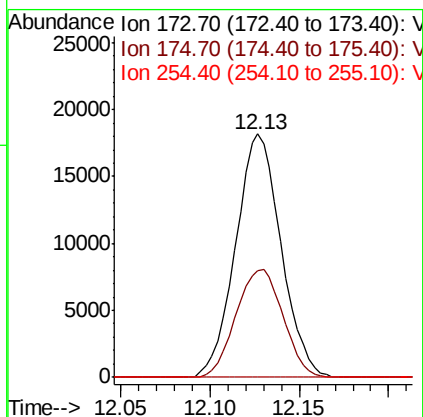
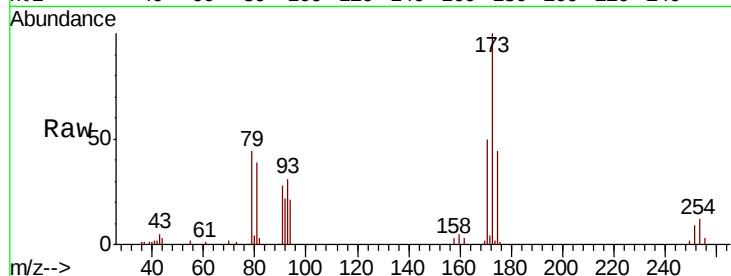




#71
Bromoform
Concen: 18.360 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN057718.D
Acq: 6 Sep 2019 17:31

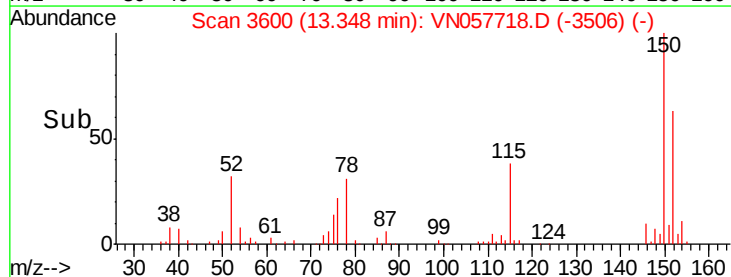
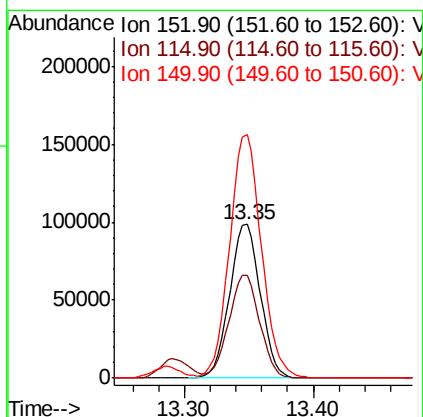
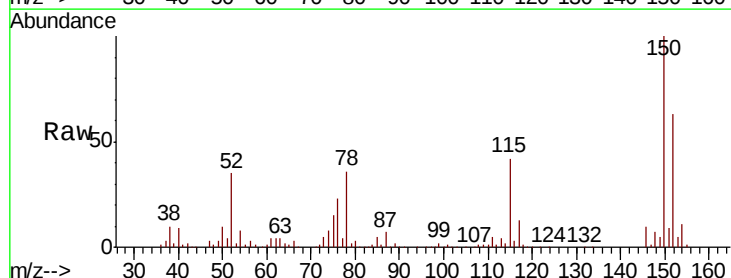
Instrument :
MSVOA_N
ClientSampleId :
VN0906WBSD01

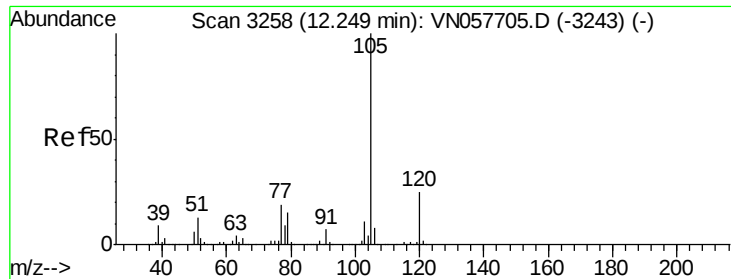
Tgt Ion:173 Resp: 32289
Ion Ratio Lower Upper
173 100
175 45.9 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057718.D
Acq: 6 Sep 2019 17:31

Tgt Ion:152 Resp: 163106
Ion Ratio Lower Upper
152 100
115 66.7 33.8 101.3
150 163.7 0.0 345.4





#73

Isopropylbenzene

Concen: 19.414 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN057718.D

Acq: 6 Sep 2019 17:31

Instrument :

MSVOA_N

ClientSampleId :

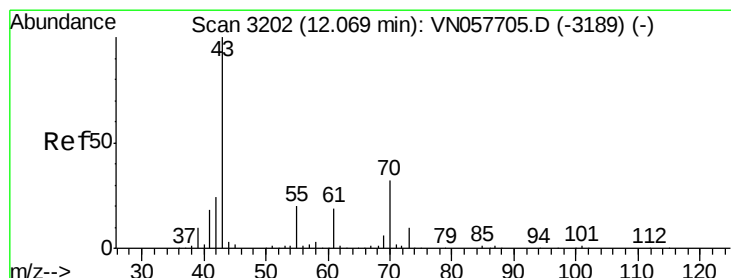
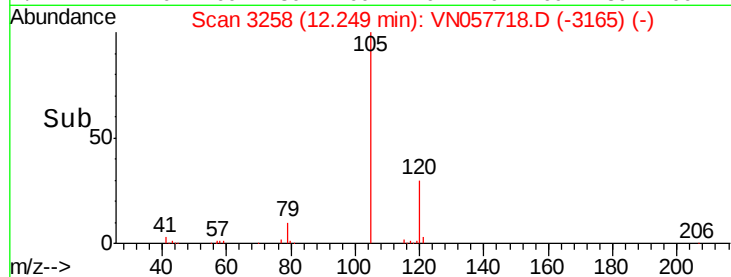
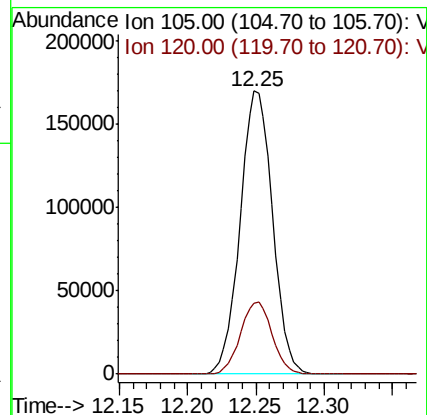
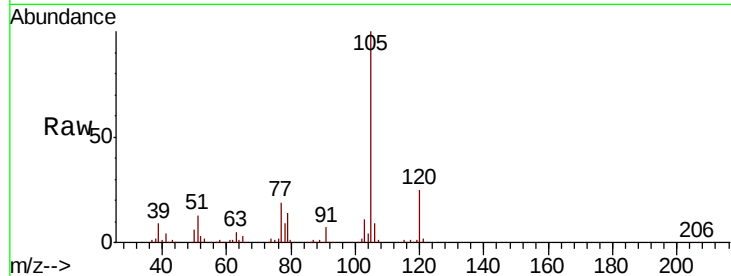
VN0906WBSD01

Tgt Ion: 105 Resp: 279959

Ion Ratio Lower Upper

105 100

120 24.9 12.2 36.6



#74

N-ethyl acetate

Concen: 18.797 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN057718.D

Acq: 6 Sep 2019 17:31

Tgt Ion: 43 Resp: 135401

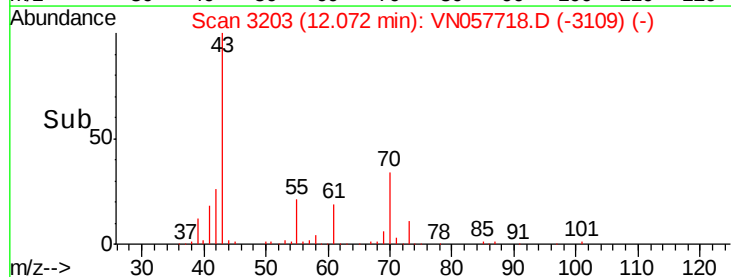
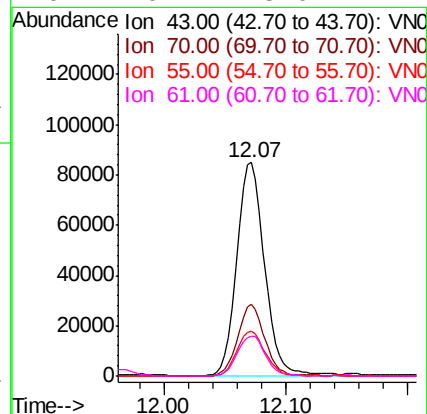
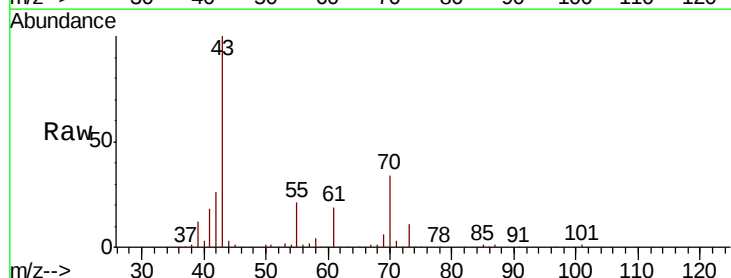
Ion Ratio Lower Upper

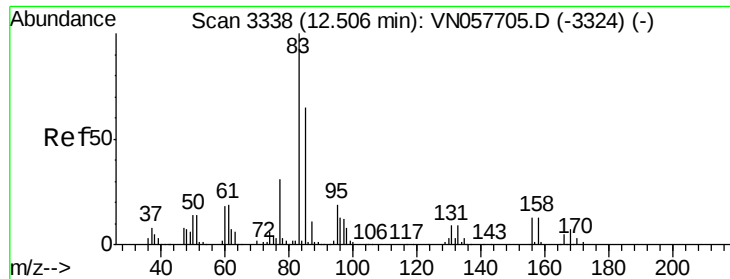
43 100

70 32.5 26.1 39.1

55 21.2 16.3 24.5

61 19.1 15.0 22.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.803 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN057718.D

Acq: 6 Sep 2019 17:31

Instrument :

MSVOA_N

ClientSampled :

VN0906WBSD01

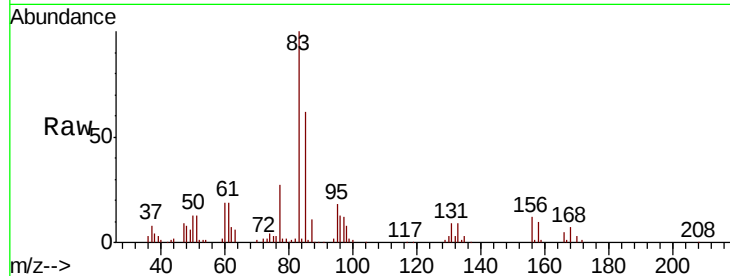
Tgt Ion: 83 Resp: 85630

Ion Ratio Lower Upper

83 100

131 9.7 4.5 13.5

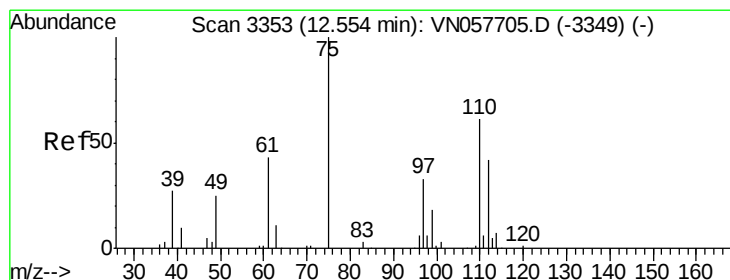
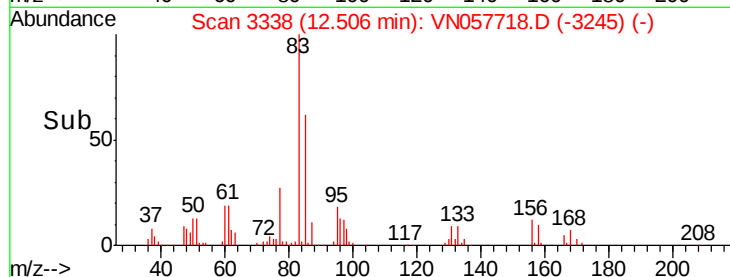
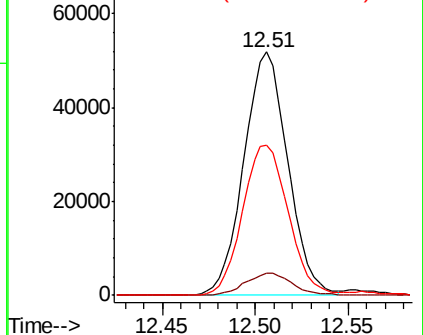
85 64.0 31.8 95.3



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 29.074 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN057718.D

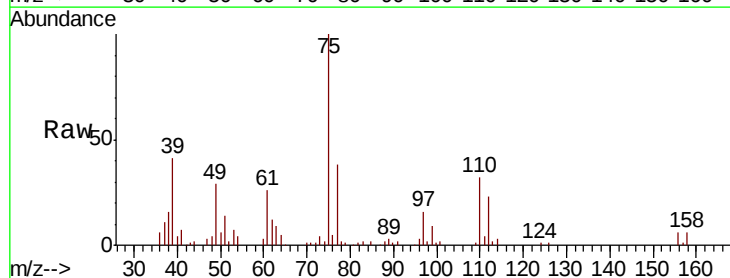
Acq: 6 Sep 2019 17:31

Tgt Ion: 75 Resp: 108896

Ion Ratio Lower Upper

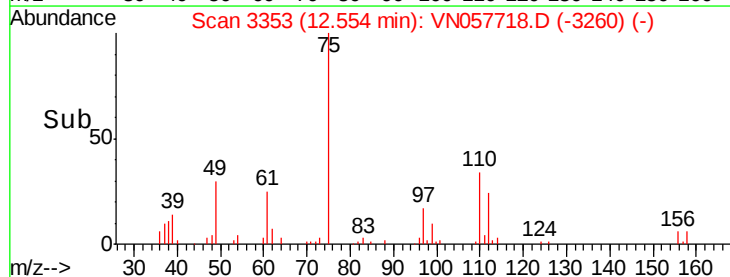
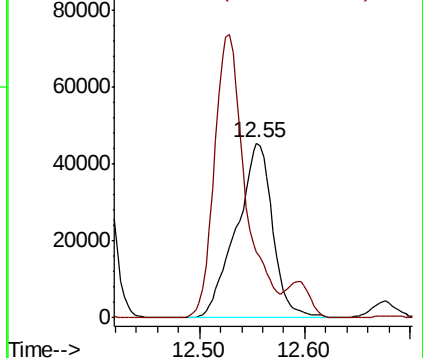
75 100

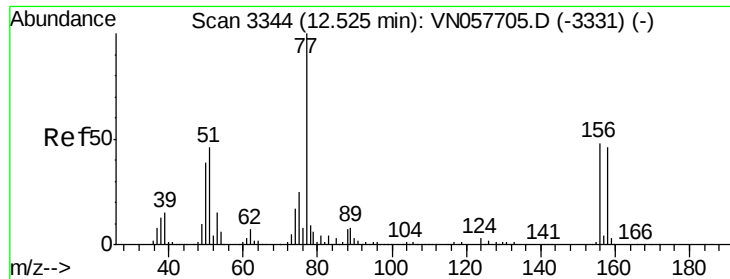
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 20.366 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN057718.D

Acq: 6 Sep 2019 17:31

Instrument :

MSVOA_N

ClientSampleId :

VN0906WBSD01

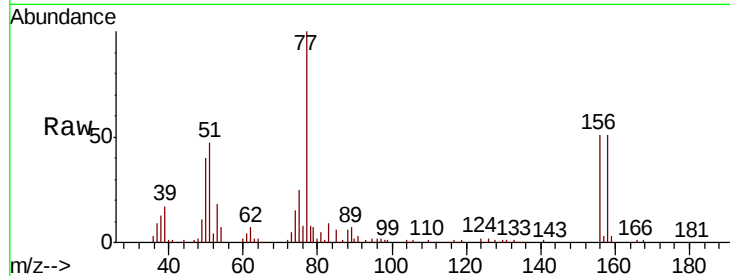
Tgt Ion:156 Resp: 63803

Ion Ratio Lower Upper

156 100

77 236.9 125.4 376.2

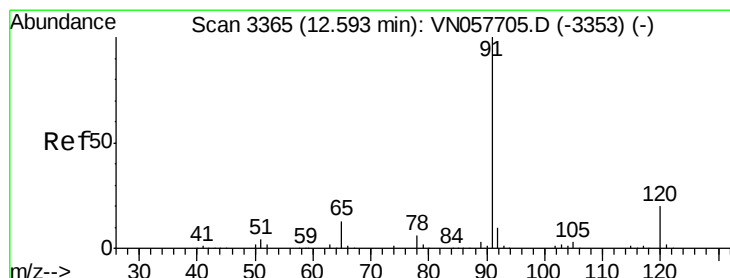
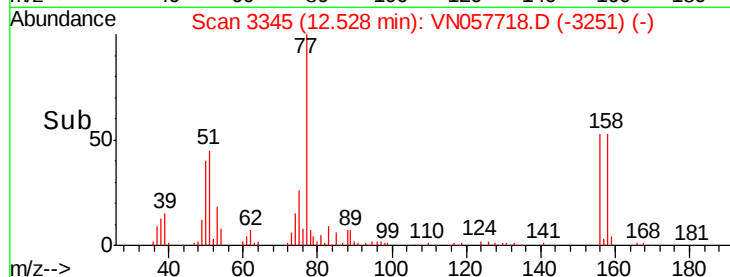
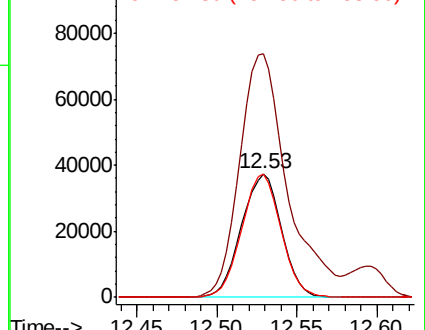
158 97.6 49.3 147.9



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: 19.326 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN057718.D

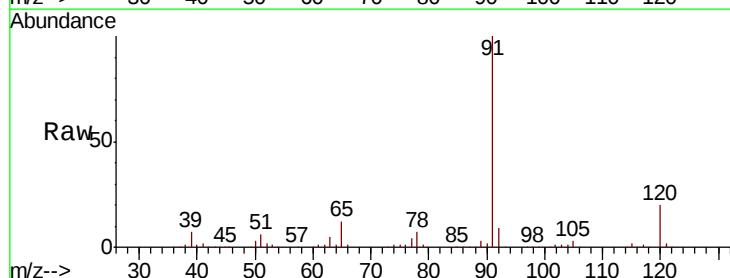
Acq: 6 Sep 2019 17:31

Tgt Ion: 91 Resp: 331096

Ion Ratio Lower Upper

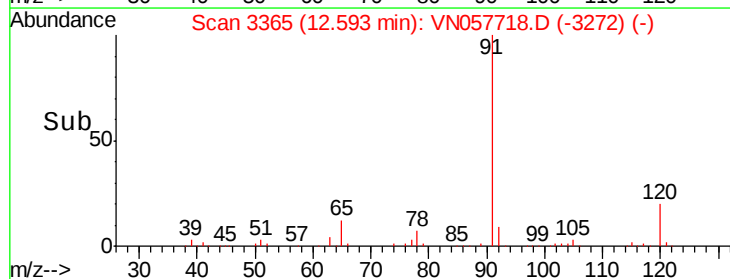
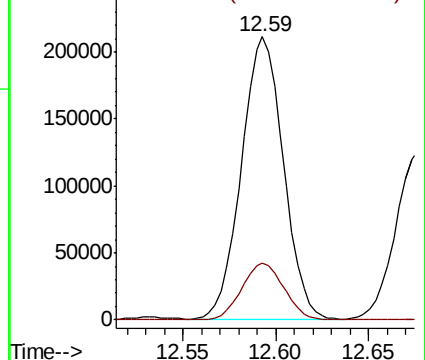
91 100

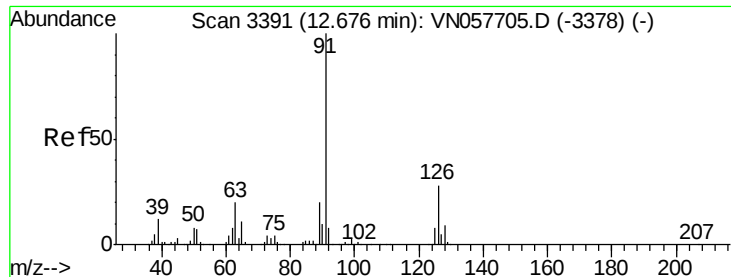
120 20.3 10.0 30.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.538 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN057718.D

Acq: 6 Sep 2019 17:31

Instrument :

MSVOA_N

ClientSampleId :

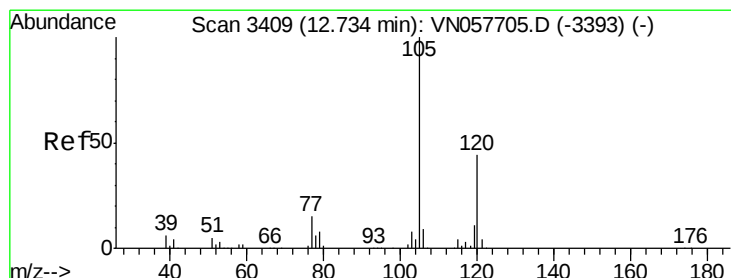
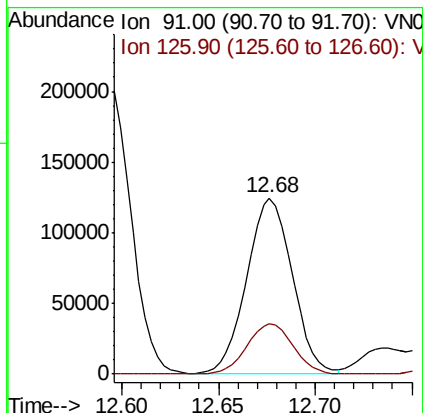
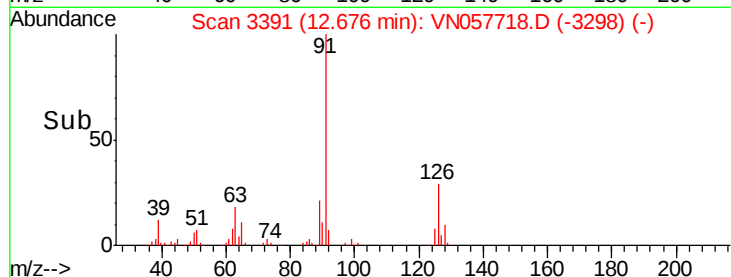
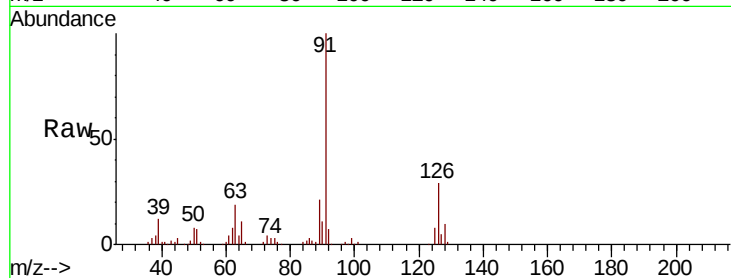
VN0906WBSD01

Tgt Ion: 91 Resp: 203772

Ion Ratio Lower Upper

91 100

126 29.5 14.5 43.5



#80

1,3,5-Trimethylbenzene

Concen: 19.489 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN057718.D

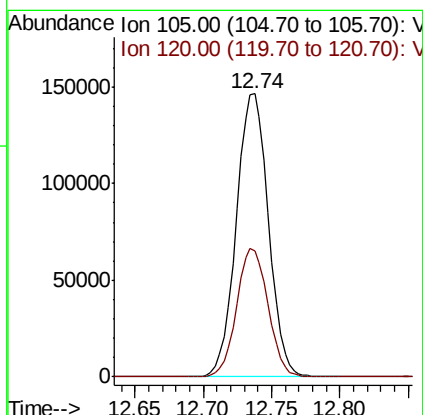
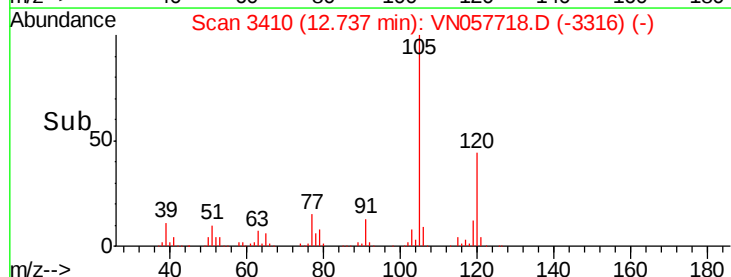
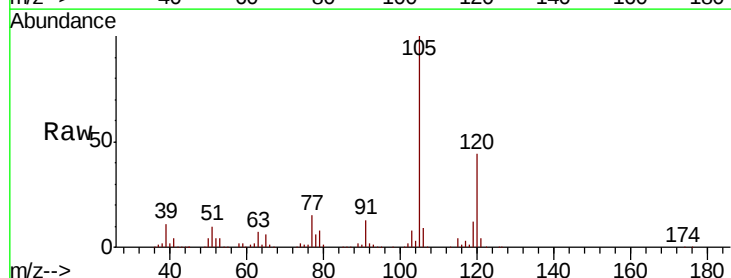
Acq: 6 Sep 2019 17:31

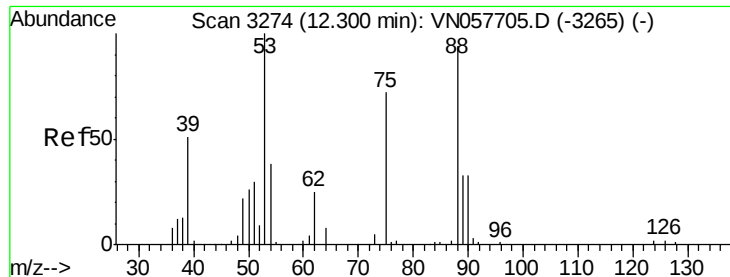
Tgt Ion: 105 Resp: 238727

Ion Ratio Lower Upper

105 100

120 44.4 22.3 66.8





#81

trans-1,4-Dichloro-2-butene

Concen: 15.860 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN057718.D

Acq: 6 Sep 2019 17:31

Instrument :

MSVOA_N

ClientSampleId :

VN0906WBSD01

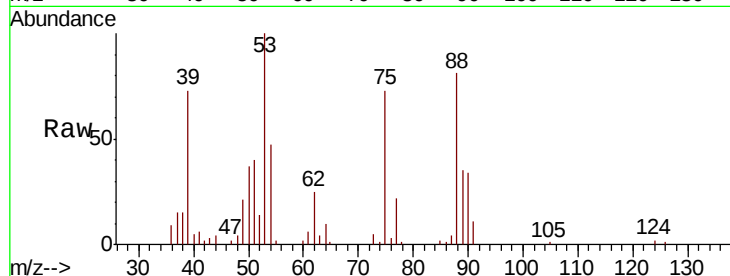
Tgt Ion: 75 Resp: 19101

Ion Ratio Lower Upper

75 100

53 151.7 107.0 160.6

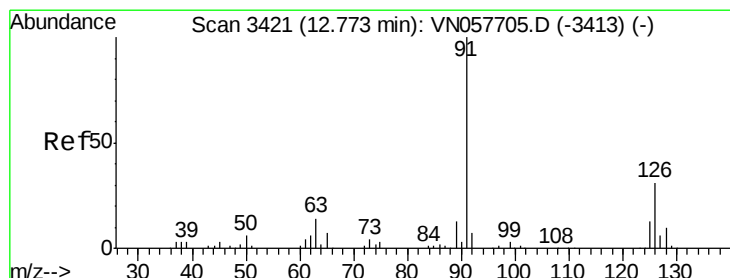
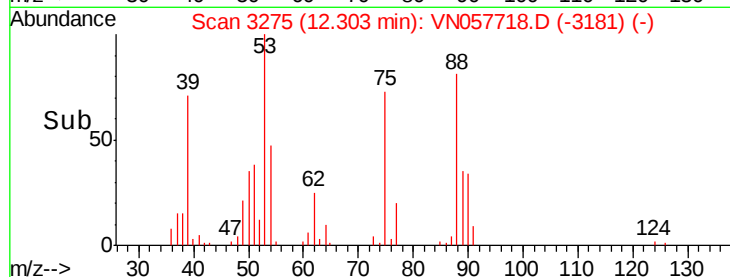
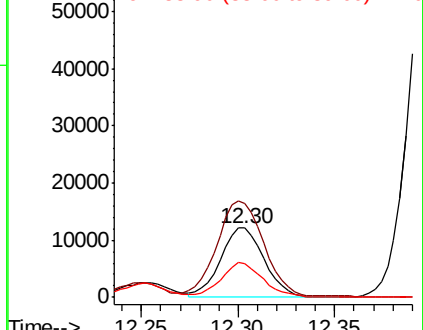
89 47.2 36.5 54.7



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: 19.058 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN057718.D

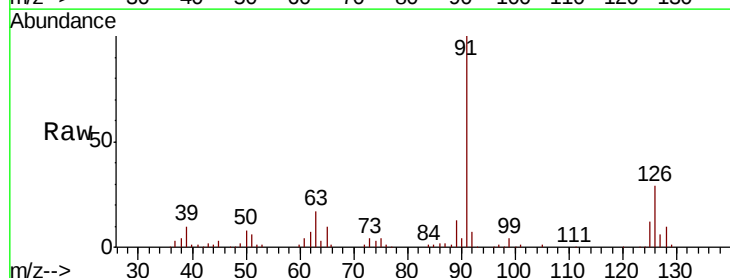
Acq: 6 Sep 2019 17:31

Tgt Ion: 91 Resp: 204711

Ion Ratio Lower Upper

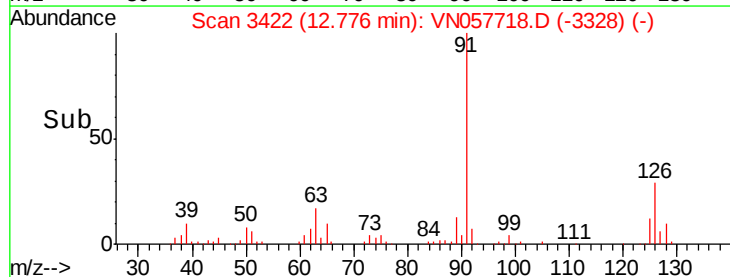
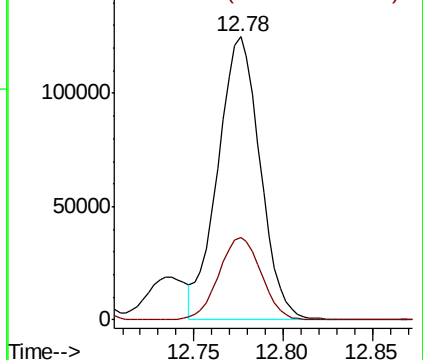
91 100

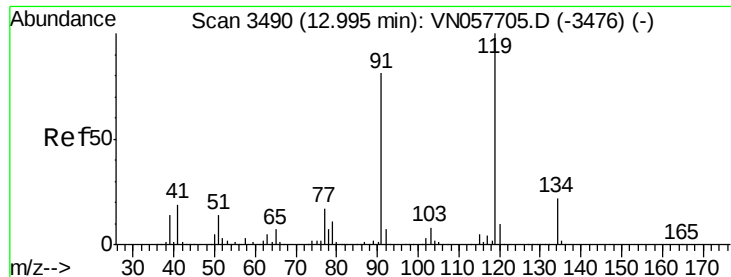
126 29.5 14.4 43.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

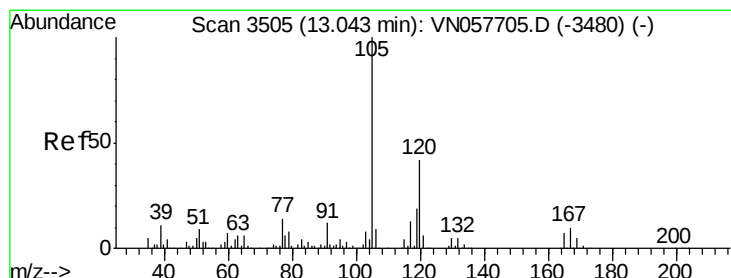
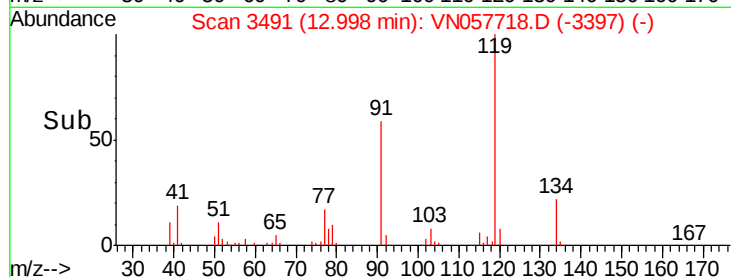
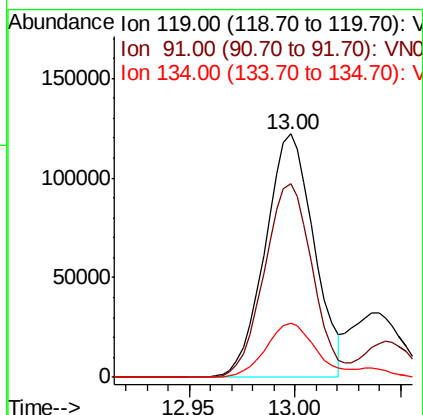
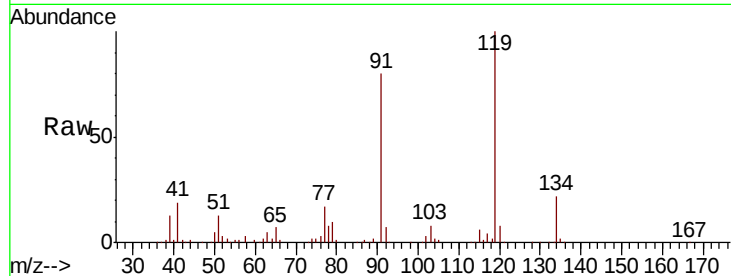




#83
 tert-Butylbenzene
 Concen: 18.980 ug/l
 RT: 13.00 min Scan# 3491
 Delta R.T. 0.00 min
 Lab File: VN057718.D
 Acq: 6 Sep 2019 17:31

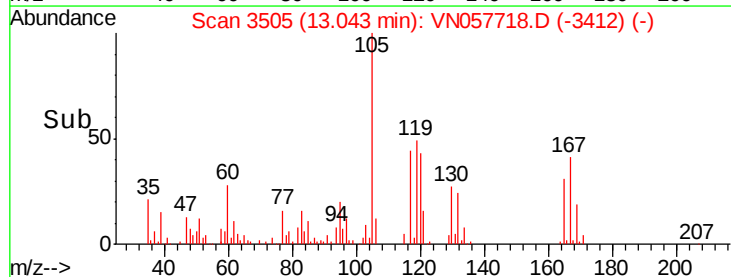
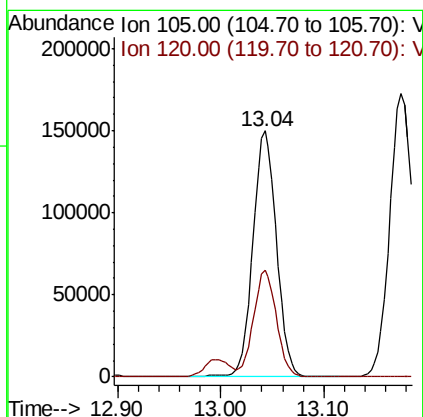
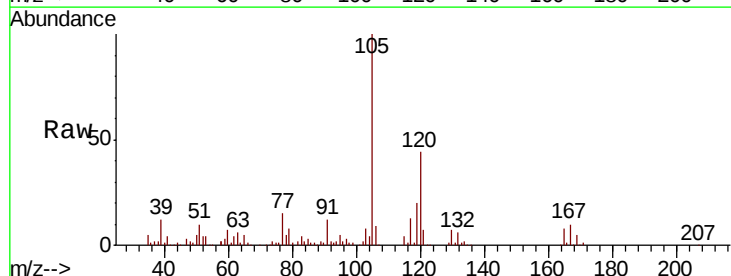
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0906WBSD01

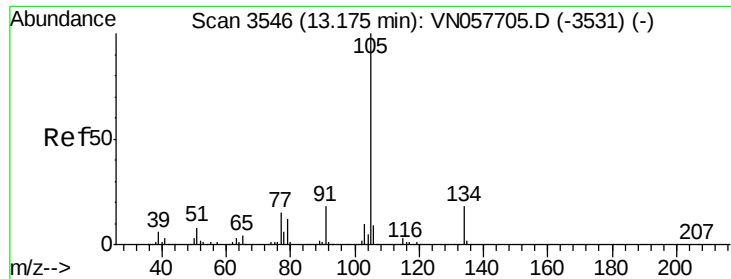
Tgt Ion:119 Resp: 196003
 Ion Ratio Lower Upper
 119 100
 91 78.6 39.6 118.8
 134 23.0 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 19.533 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN057718.D
 Acq: 6 Sep 2019 17:31

Tgt Ion:105 Resp: 237015
 Ion Ratio Lower Upper
 105 100
 120 42.3 20.8 62.5

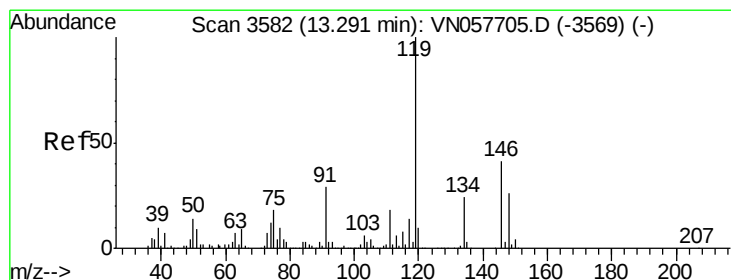
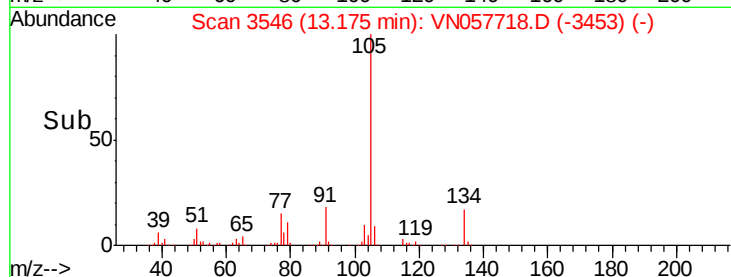
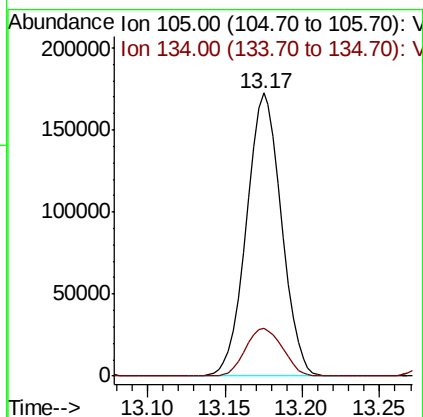
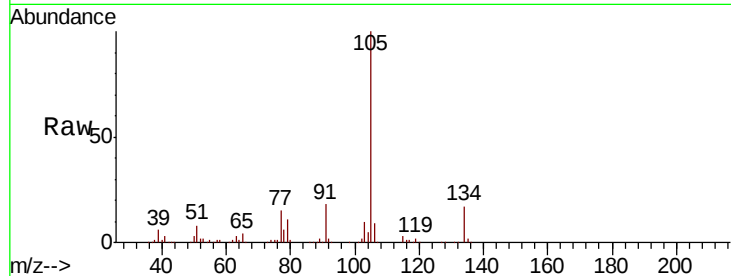




#85
 sec-Butylbenzene
 Concen: 19.119 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN057718.D
 Acq: 6 Sep 2019 17:31

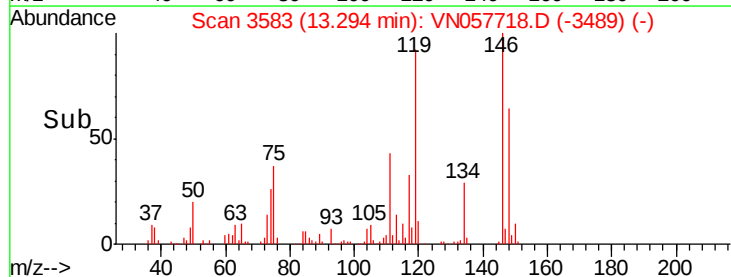
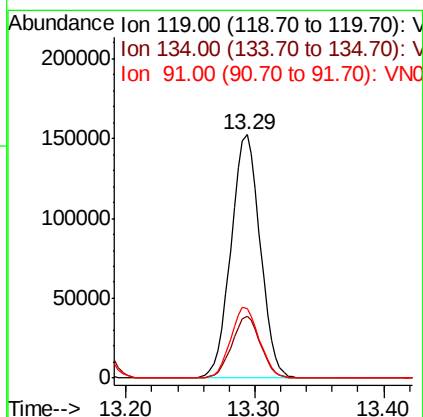
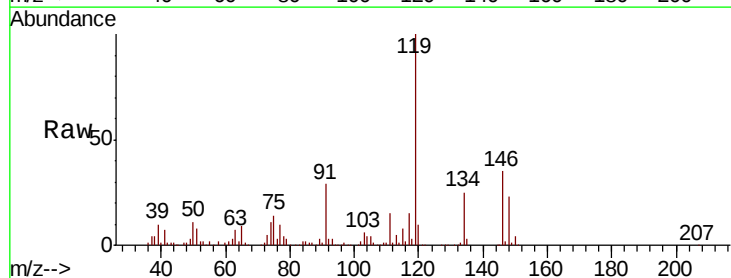
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0906WBSD01

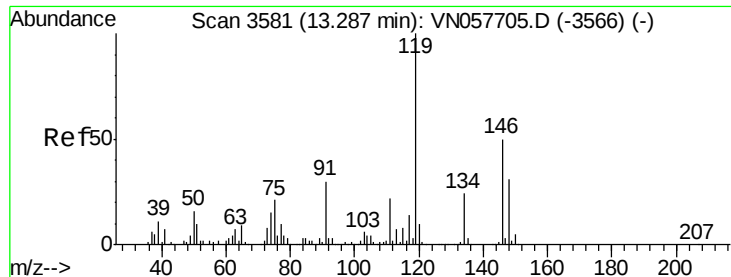
Tgt Ion:105 Resp: 271995
 Ion Ratio Lower Upper
 105 100
 134 17.9 8.8 26.5



#86
 p-Isopropyltoluene
 Concen: 19.865 ug/l
 RT: 13.29 min Scan# 3583
 Delta R.T. 0.00 min
 Lab File: VN057718.D
 Acq: 6 Sep 2019 17:31

Tgt Ion:119 Resp: 239516
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.4 37.0
 91 28.6 14.8 44.3





#87

1,3-Dichlorobenzene

Concen: 19.254 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN057718.D

Acq: 6 Sep 2019 17:31

Instrument :

MSVOA_N

ClientSampleId :

VN0906WBSD01

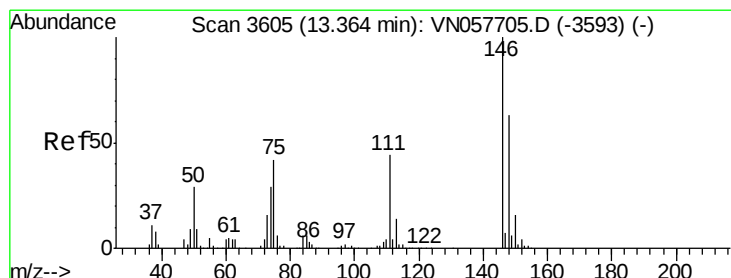
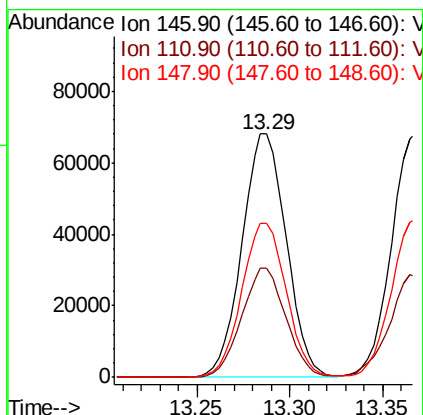
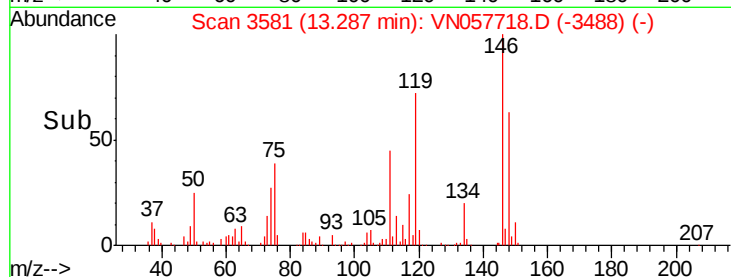
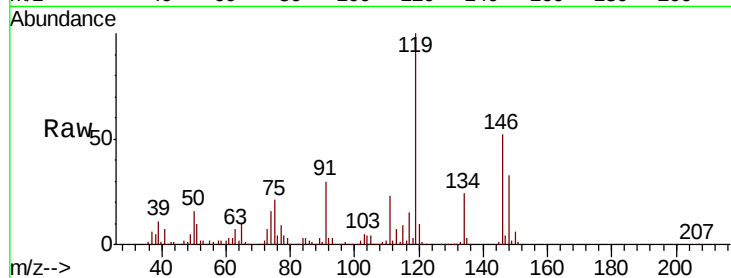
Tgt Ion:146 Resp: 112759

Ion Ratio Lower Upper

146 100

111 44.8 22.3 66.8

148 63.7 31.5 94.5



#88

1,4-Dichlorobenzene

Concen: 19.176 ug/l

RT: 13.37 min Scan# 3606

Delta R.T. 0.00 min

Lab File: VN057718.D

Acq: 6 Sep 2019 17:31

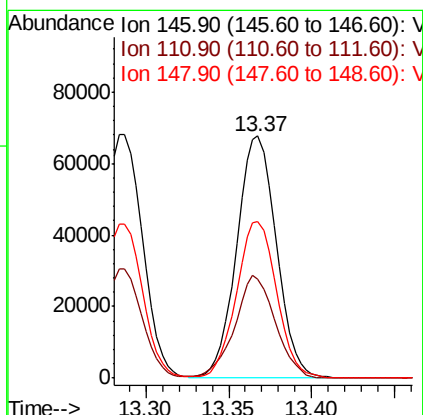
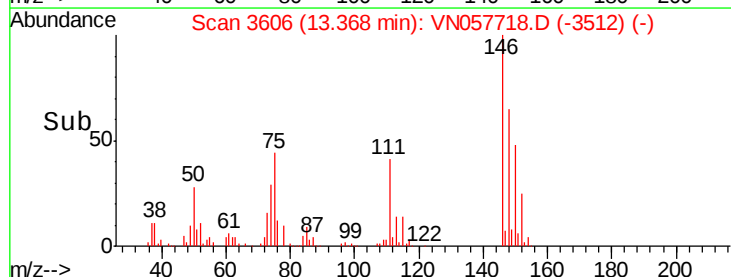
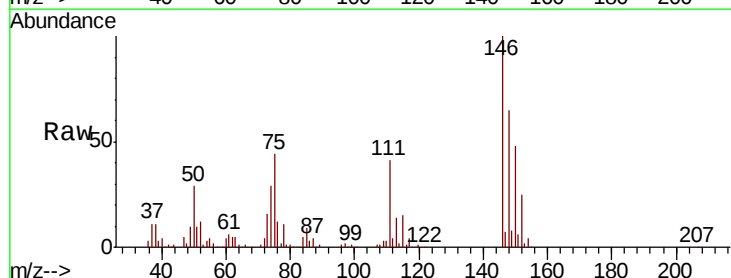
Tgt Ion:146 Resp: 112346

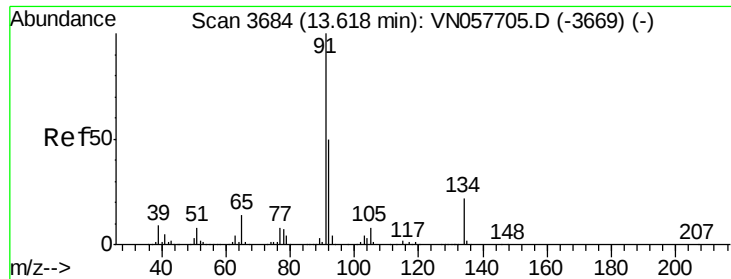
Ion Ratio Lower Upper

146 100

111 43.2 22.3 66.9

148 65.9 31.9 95.7





#89

n-Butylbenzene

Concen: 19.013 ug/l

RT: 13.62 min Scan# 3684

Delta R.T. 0.00 min

Lab File: VN057718.D

Acq: 6 Sep 2019 17:31

Instrument :

MSVOA_N

ClientSampleId :

VN0906WBSD01

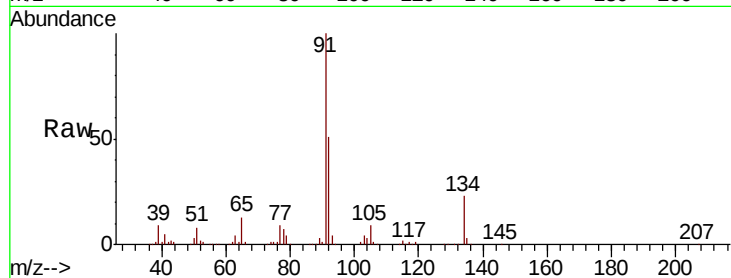
Tgt Ion: 91 Resp: 226714

Ion Ratio Lower Upper

91 100

92 50.4 25.6 76.8

134 22.4 11.2 33.5

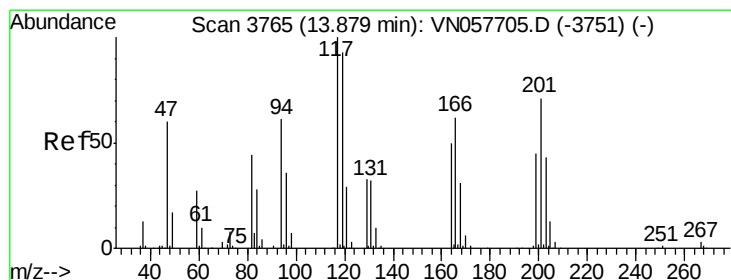
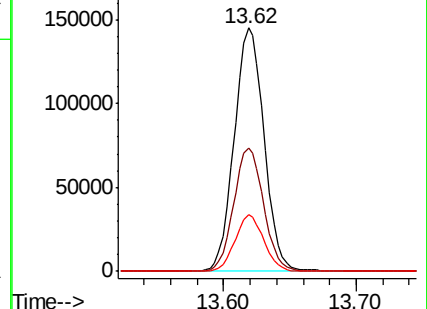
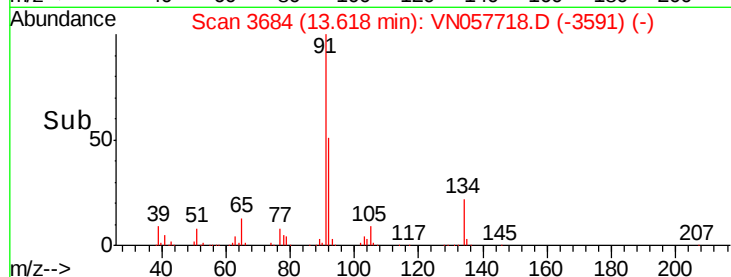


Abundance Ion 91.00 (90.70 to 91.70): VN057718.D (-3684) (-)

Ion 92.00 (91.70 to 92.70): VN057718.D (-3684) (-)

Ion 134.00 (133.70 to 134.70): VN057718.D (-3684) (-)

13.62



#90

Hexachloroethane

Concen: 18.373 ug/l

RT: 13.88 min Scan# 3765

Delta R.T. 0.00 min

Lab File: VN057718.D

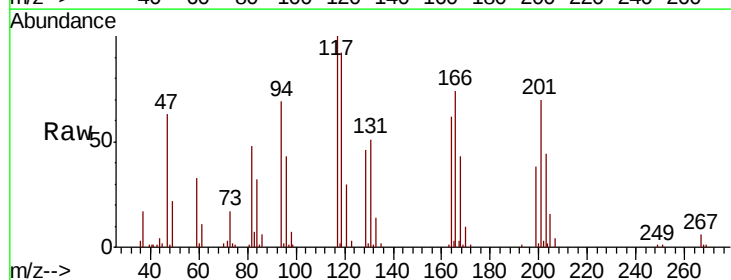
Acq: 6 Sep 2019 17:31

Tgt Ion: 117 Resp: 34711

Ion Ratio Lower Upper

117 100

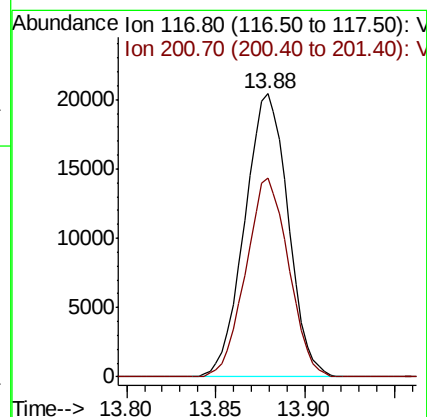
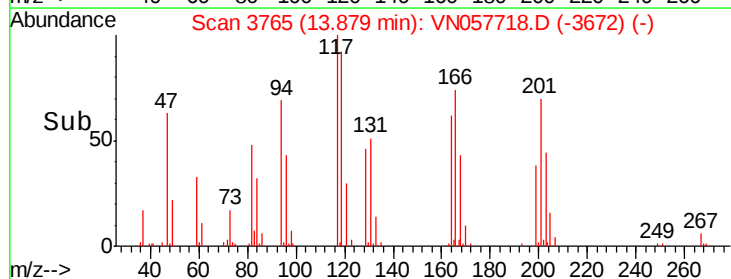
201 69.0 36.4 109.2

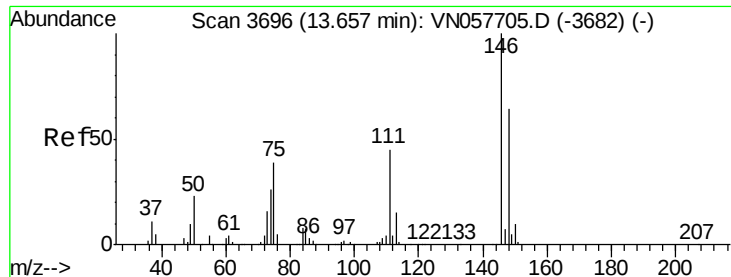


Abundance Ion 116.80 (116.50 to 117.50): VN057718.D (-3765) (-)

Ion 200.70 (200.40 to 201.40): VN057718.D (-3765) (-)

13.88

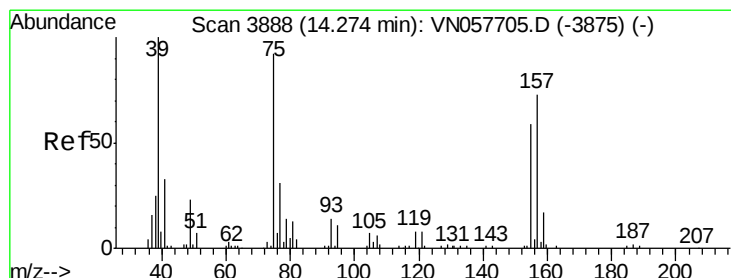
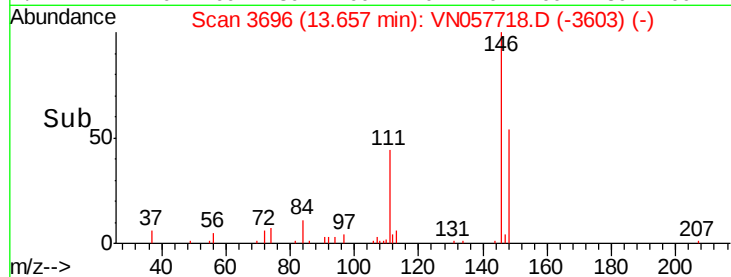
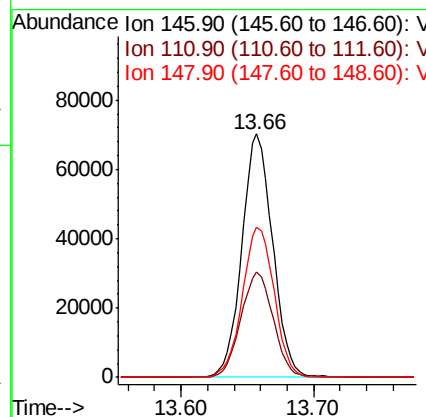
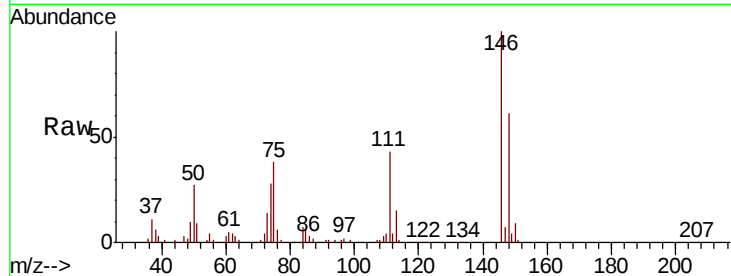




#91
 1,2-Dichlorobenzene
 Concen: 19.644 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. 0.00 min
 Lab File: VN057718.D
 Acq: 6 Sep 2019 17:31

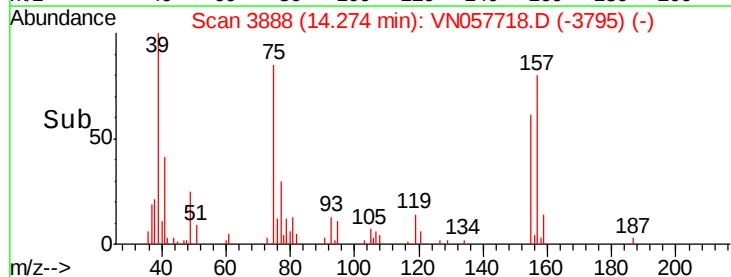
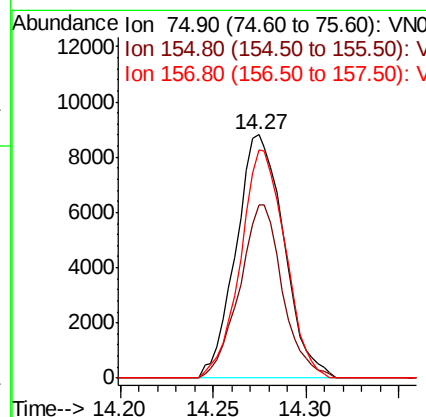
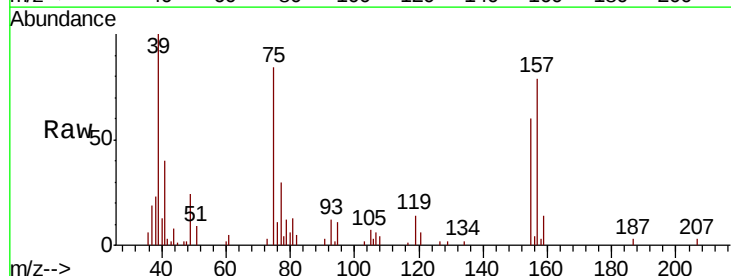
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0906WBSD01

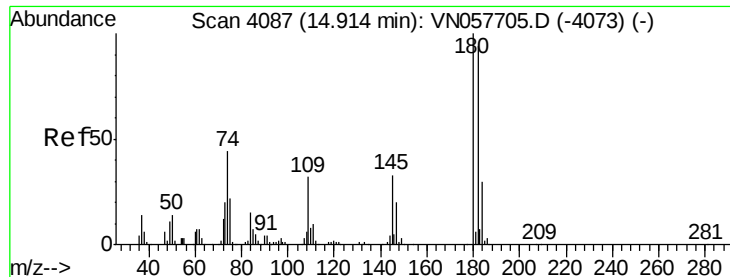
Tgt Ion: 146 Resp: 113266
 Ion Ratio Lower Upper
 146 100
 111 45.4 22.8 68.3
 148 63.6 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.497 ug/l
 RT: 14.27 min Scan# 3888
 Delta R.T. 0.00 min
 Lab File: VN057718.D
 Acq: 6 Sep 2019 17:31

Tgt Ion: 75 Resp: 15757
 Ion Ratio Lower Upper
 75 100
 155 64.3 30.1 90.5
 157 87.9 38.1 114.5

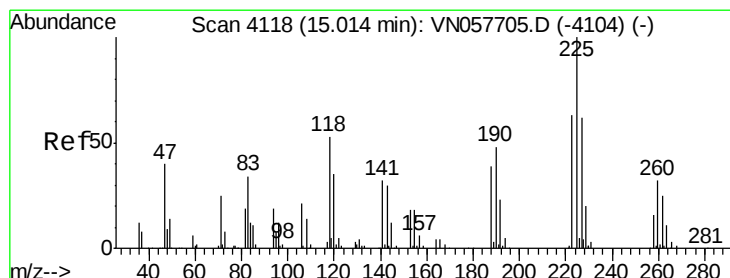
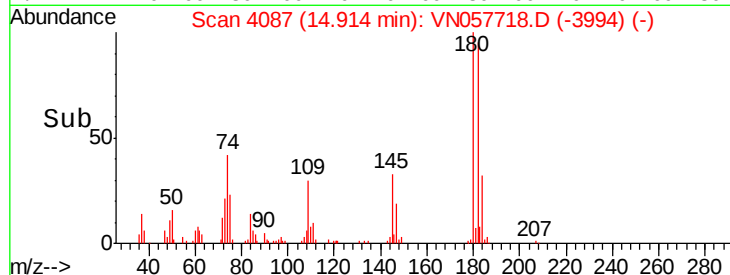
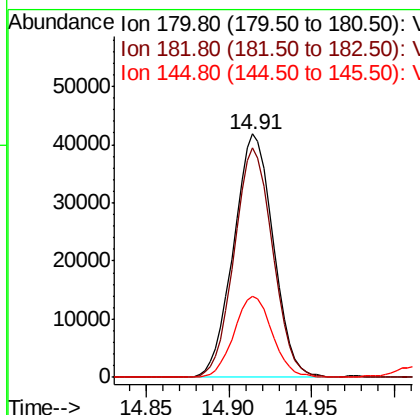
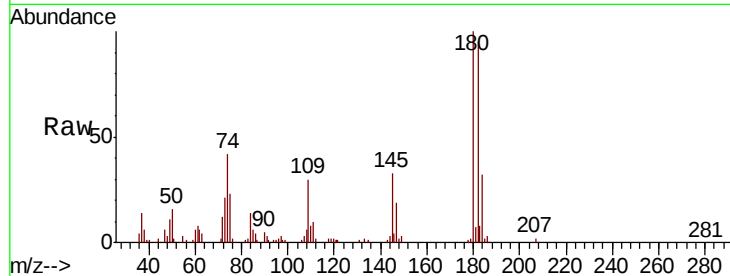




#93
 1,2,4-Trichlorobenzene
 Concen: 20.189 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN057718.D
 Acq: 6 Sep 2019 17:31

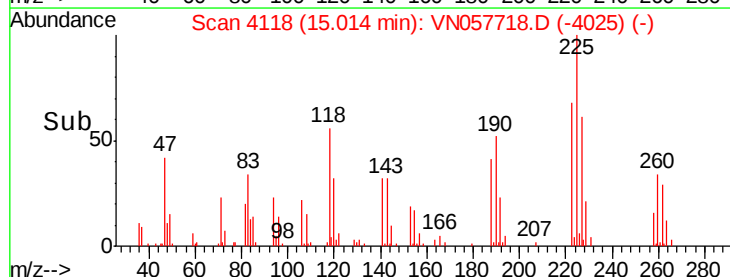
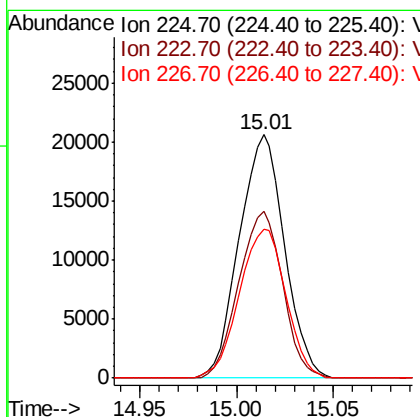
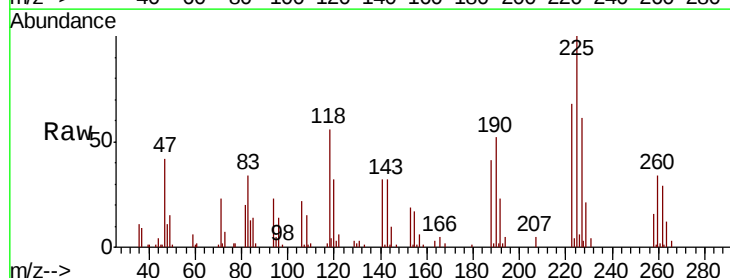
Instrument :
 MSVOA_N
 ClientSampled :
 VN0906WBSD01

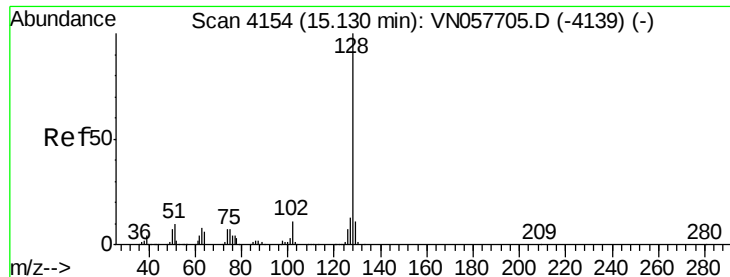
Tgt Ion:180 Resp: 69641
 Ion Ratio Lower Upper
 180 100
 182 91.7 47.6 142.9
 145 32.1 16.6 49.7



#94
 Hexachlorobutadiene
 Concen: 19.897 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN057718.D
 Acq: 6 Sep 2019 17:31

Tgt Ion:225 Resp: 33453
 Ion Ratio Lower Upper
 225 100
 223 66.4 31.6 95.0
 227 62.9 31.7 95.1

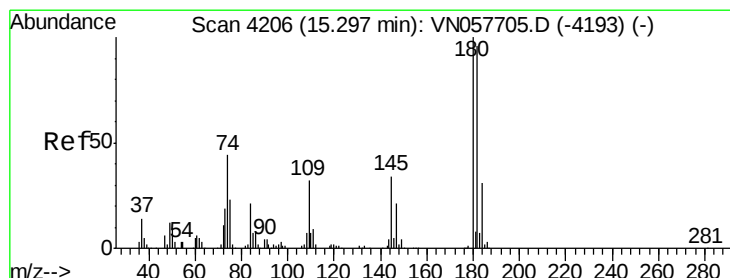
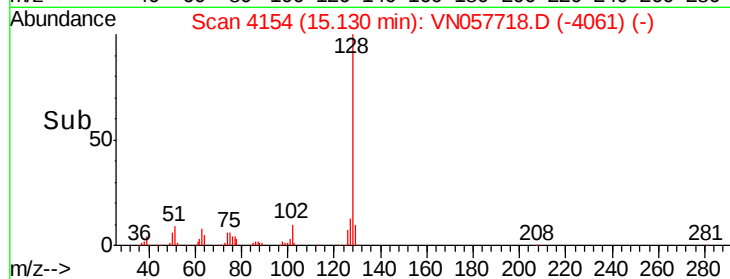
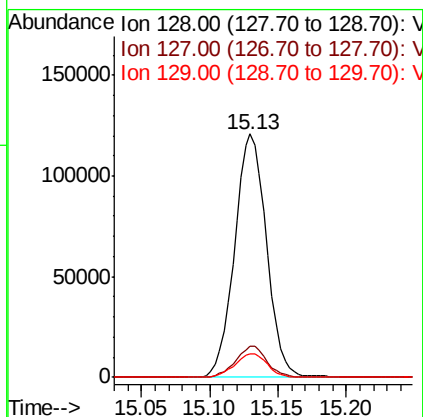
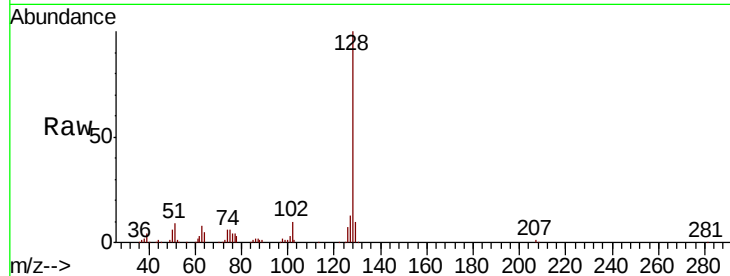




#95
Naphthalene
Concen: 19.589 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN057718.D
Acq: 6 Sep 2019 17:31

Instrument :
MSVOA_N
ClientSampleId :
VN0906WBSD01

Tgt Ion:128 Resp: 196037
Ion Ratio Lower Upper
128 100
127 12.5 10.6 15.8
129 9.9 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 20.431 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. 0.00 min
Lab File: VN057718.D
Acq: 6 Sep 2019 17:31

Tgt Ion:180 Resp: 67555
Ion Ratio Lower Upper
180 100
182 93.1 47.0 141.2
145 33.3 17.5 52.6

