

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071519\
 Data File : VN056713.D
 Acq On : 15 Jul 2019 15:39
 Operator : JC/SP
 Sample : VN0715WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0715WBS01

Quant Time: Jul 16 04:23:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 01:25:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	327395	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	515744	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	452566	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	186972	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	187855	51.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.74%	
35) Dibromofluoromethane	7.59	113	163703	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	
50) Toluene-d8	10.09	98	629971	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
62) 4-Bromofluorobenzene	12.40	95	202861	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.85	85	57957	18.853	ug/l	98
3) Chloromethane	2.06	50	78367	18.961	ug/l	96
4) Vinyl Chloride	2.18	62	76480	19.215	ug/l	98
5) Bromomethane	2.55	94	47343	20.227	ug/l	100
6) Chloroethane	2.70	64	44716	19.280	ug/l	96
7) Trichlorofluoromethane	3.01	101	97689	19.128	ug/l	99
8) Diethyl Ether	3.41	74	38272	19.221	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.76	101	59045	19.243	ug/l	99
10) Methyl Iodide	3.95	142	74434	18.137	ug/l	99
11) Tert butyl alcohol	4.79	59	60324	100.075	ug/l	98
12) 1,1-Dichloroethene	3.74	96	59738	19.410	ug/l	96
13) Acrolein	3.61	56	21137	108.954	ug/l	98
14) Allyl chloride	4.32	41	99286	18.654	ug/l	97
15) Acrylonitrile	4.99	53	175992	101.100	ug/l	99
16) Acetone	3.82	43	142798	85.567	ug/l	100
17) Carbon Disulfide	4.05	76	148637	18.276	ug/l	99
18) Methyl Acetate	4.33	43	77519	20.100	ug/l	100
19) Methyl tert-butyl Ether	5.04	73	191156	19.493	ug/l	99
20) Methylene Chloride	4.55	84	71358	19.566	ug/l	95
21) trans-1,2-Dichloroethene	5.04	96	61858	19.014	ug/l	94
22) Diisopropyl ether	5.95	45	212303	20.208	ug/l	94
23) Vinyl Acetate	5.90	43	858379	100.827	ug/l	99
24) 1,1-Dichloroethane	5.85	63	118780	19.501	ug/l	99
25) 2-Butanone	6.84	43	234123	95.957	ug/l	98
26) 2,2-Dichloropropane	6.82	77	78692	17.918	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	73241	19.565	ug/l	98
28) Bromochloromethane	7.20	49	55924	19.527	ug/l	100
29) Tetrahydrofuran	7.21	42	161764	101.652	ug/l	99
30) Chloroform	7.37	83	117857	19.336	ug/l	98
31) Cyclohexane	7.65	56	113104	19.537	ug/l #	93
32) 1,1,1-Trichloroethane	7.57	97	96015	19.918	ug/l	98
36) 1,1-Dichloropropene	7.79	75	88280	18.498	ug/l	99
37) Ethyl Acetate	6.93	43	94141	20.014	ug/l	99
38) Carbon Tetrachloride	7.77	117	81351	18.176	ug/l	99

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Quant Time: Jul 16 04:23:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 01:25:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	107940	18.317	ug/l	98
40) Benzene	8.04	78	279644	19.123	ug/l	98
41) Methacrylonitrile	7.21	41	137608	66.601	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	89067	19.272	ug/l	100
43) Isopropyl Acetate	8.17	43	146414	19.800	ug/l	99
44) Trichloroethene	8.84	130	73870	18.602	ug/l	96
45) 1,2-Dichloropropane	9.12	63	73839	19.003	ug/l	99
46) Dibromomethane	9.21	93	46163	19.171	ug/l	99
47) Bromodichloromethane	9.40	83	85977	18.790	ug/l	99
48) Methyl methacrylate	9.20	41	70161	19.619	ug/l	99
49) 1,4-Dioxane	9.20	88	30400	414.286	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	470850	98.310	ug/l	99
52) Toluene	10.16	92	168958	19.455	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	88287	18.494	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	102758	18.549	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	70413	19.331	ug/l	100
56) Ethyl methacrylate	10.43	69	101107	19.291	ug/l	100
57) 1,3-Dichloropropane	10.71	76	115906	19.483	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	241838	95.957	ug/l	99
59) 2-Hexanone	10.75	43	332852	96.855	ug/l	100
60) Dibromochloromethane	10.90	129	67654	18.885	ug/l	99
61) 1,2-Dibromoethane	11.00	107	71963	19.879	ug/l	98
64) Tetrachloroethene	10.63	164	72190	18.489	ug/l	98
65) Chlorobenzene	11.43	112	177244	19.154	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	64562	18.949	ug/l	97
67) Ethyl Benzene	11.51	91	310236	19.077	ug/l	100
68) m/p-Xylenes	11.62	106	234146	38.525	ug/l	100
69) o-Xylene	11.95	106	114237	19.119	ug/l	100
70) Styrene	11.96	104	184964	19.147	ug/l	99
71) Bromoform	12.13	173	49305	19.019	ug/l #	100
73) Isopropylbenzene	12.25	105	298408	19.794	ug/l	99
74) N-amyl acetate	12.07	43	108773	19.373	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	98094	21.357	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	115902	28.342	ug/l #	100
77) Bromobenzene	12.53	156	77174	19.571	ug/l	98
78) n-propylbenzene	12.59	91	322931	19.295	ug/l	100
79) 2-Chlorotoluene	12.67	91	199959	20.657	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	255542	20.000	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	24555	18.544	ug/l	93
82) 4-Chlorotoluene	12.77	91	189237	19.267	ug/l	99
83) tert-Butylbenzene	12.99	119	217509	21.000	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	251062	20.113	ug/l	99
85) sec-Butylbenzene	13.17	105	280208	19.736	ug/l	100
86) p-Isopropyltoluene	13.29	119	248823	19.346	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	122813	19.005	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	117787	18.738	ug/l	99
89) n-Butylbenzene	13.61	91	194451	18.769	ug/l	100
90) Hexachloroethane	13.87	117	39043	18.771	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	127484	19.289	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	15646	19.354	ug/l	98

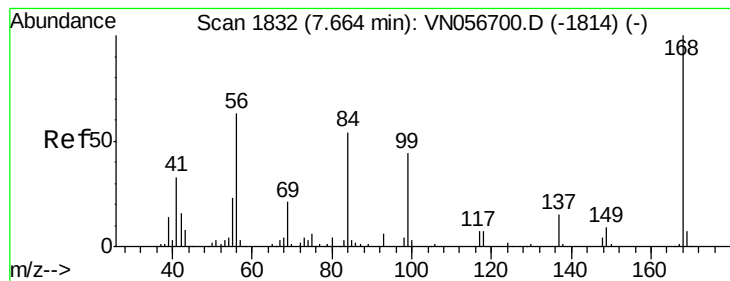
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071519\
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Quant Title : SW846 8260
QLast Update : Tue Jul 16 01:25:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	56431	18.005	ug/l	99
94) Hexachlorobutadiene	15.01	225	42092	19.483	ug/l	99
95) Naphthalene	15.13	128	143660	17.568	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	61157	19.072	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056713.D

Acq: 15 Jul 2019 15:39

Instrument :

MSVOA_N

ClientSampleId :

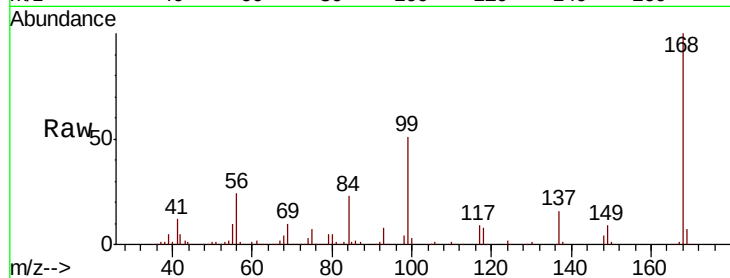
VN0715WBS01

Tot Ion:168 Resp: 327395

Ion Ratio Lower Upper

168 100

99 50.7 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

150000

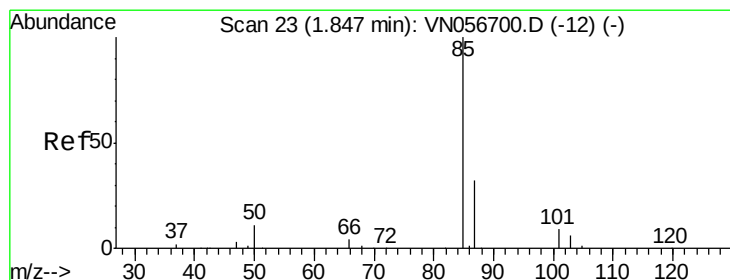
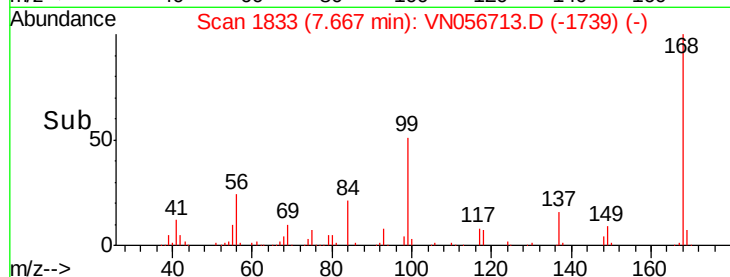
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.853 ug/l

RT: 1.85 min Scan# 23

Delta R.T. -0.00 min

Lab File: VN056713.D

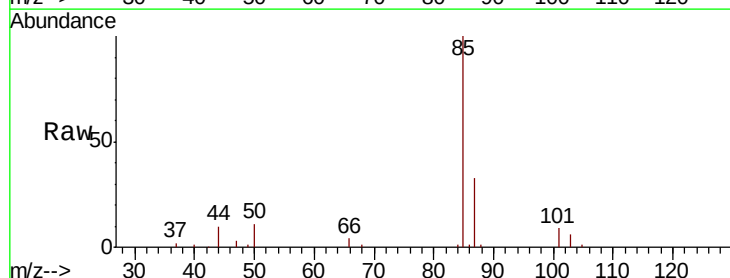
Acq: 15 Jul 2019 15:39

Tgt Ion: 85 Resp: 57957

Ion Ratio Lower Upper

85 100

87 33.1 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

40000

30000

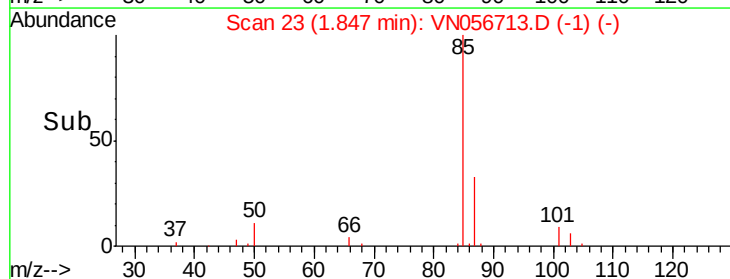
20000

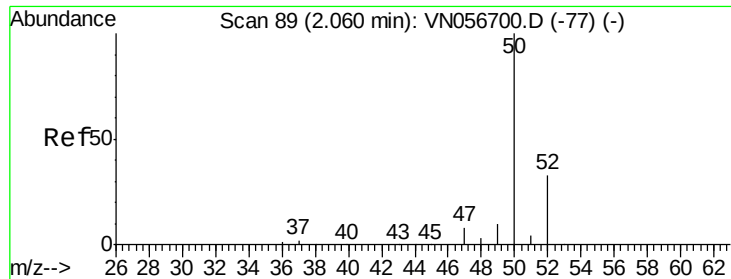
10000

0

1.80 1.85 1.90 1.95

Time-->

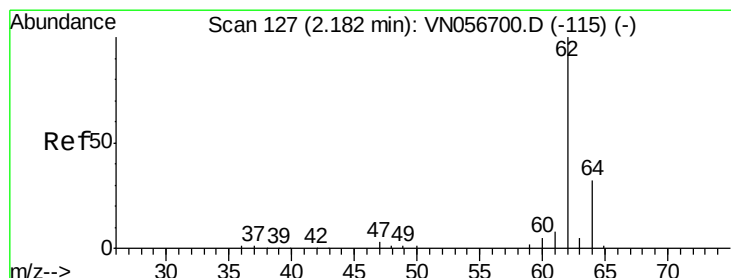
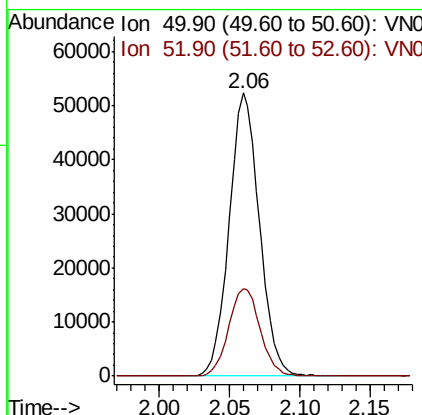
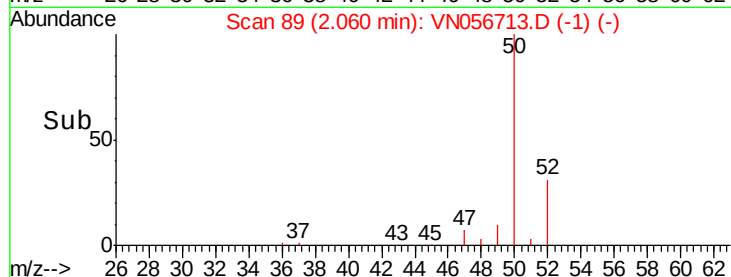
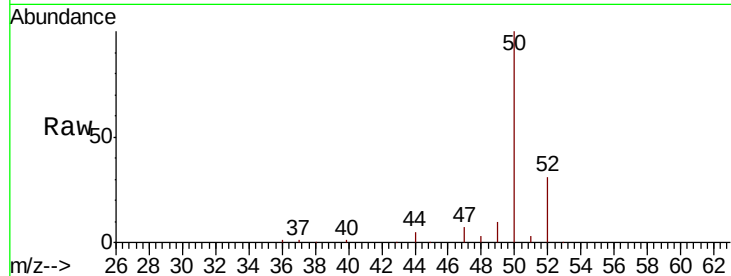




#3
Chloromethane
Concen: 18.961 ug/l
RT: 2.06 min Scan# 89
Delta R.T. -0.00 min
Lab File: VN056713.D
Acq: 15 Jul 2019 15:39

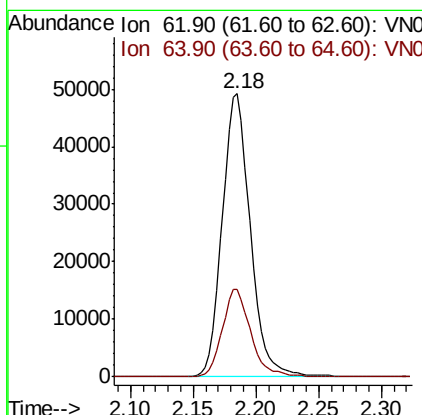
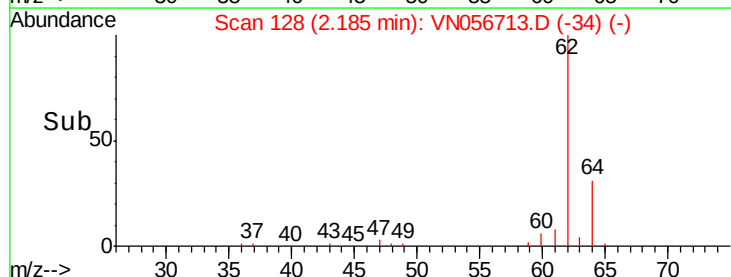
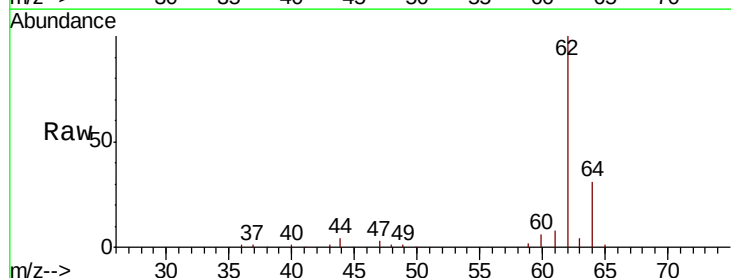
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBS01

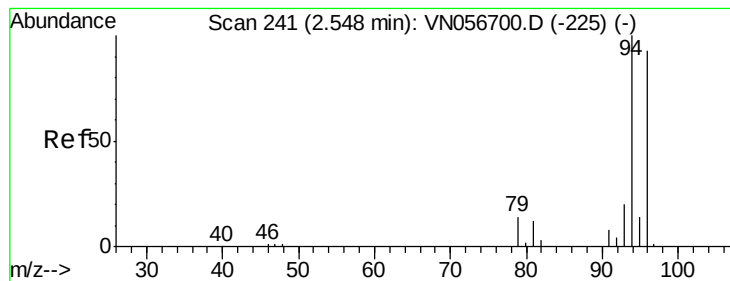
Tot Ion: 50 Resp: 78367
Ion Ratio Lower Upper
50 100
52 31.0 26.5 39.7



#4
Vinyl Chloride
Concen: 19.215 ug/l
RT: 2.18 min Scan# 128
Delta R.T. 0.00 min
Lab File: VN056713.D
Acq: 15 Jul 2019 15:39

Tgt Ion: 62 Resp: 76480
Ion Ratio Lower Upper
62 100
64 30.7 25.6 38.4





#5

Bromomethane

Concen: 20.227 ug/l

RT: 2.55 min Scan# 243

Delta R.T. 0.01 min

Lab File: VN056713.D

Acq: 15 Jul 2019 15:39

Instrument :

MSVOA_N

ClientSampleId :

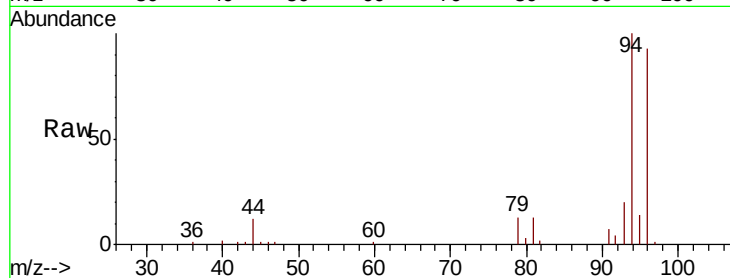
VN0715WBS01

Tot Ion: 94 Resp: 47343

Ion Ratio Lower Upper

94 100

96 92.7 74.0 111.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

25000

20000

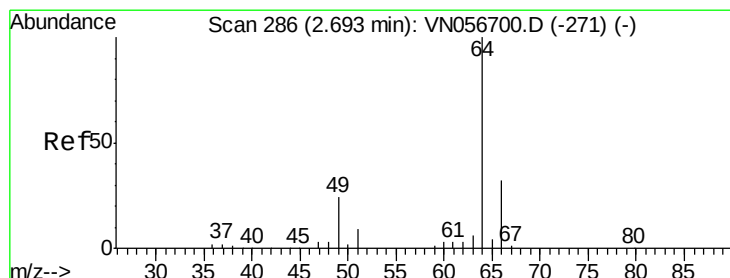
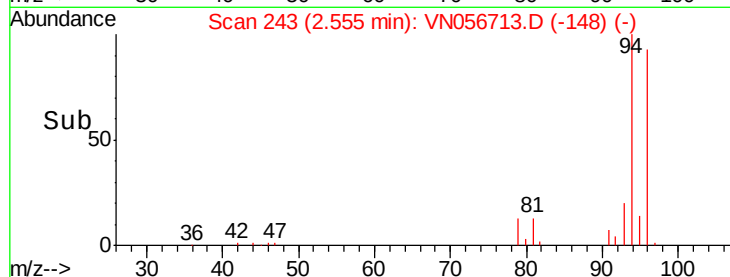
15000

10000

5000

0

Time--> 2.45 2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 19.280 ug/l

RT: 2.70 min Scan# 287

Delta R.T. 0.00 min

Lab File: VN056713.D

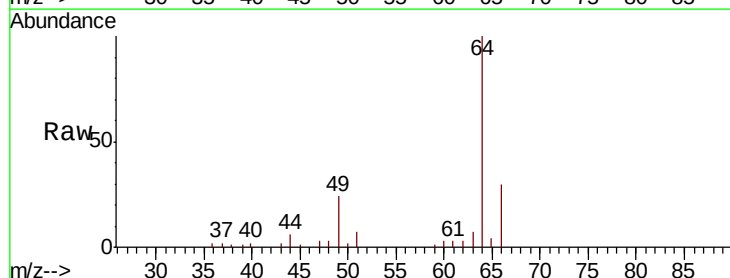
Acq: 15 Jul 2019 15:39

Tgt Ion: 64 Resp: 44716

Ion Ratio Lower Upper

64 100

66 30.0 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

25000

20000

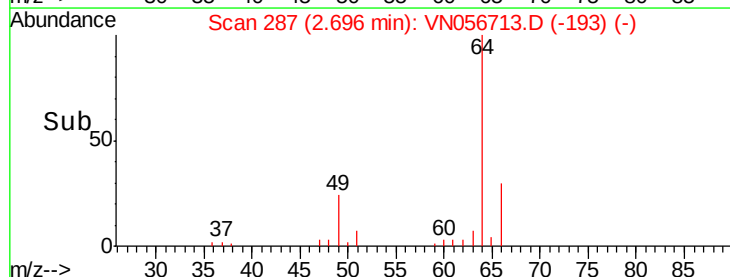
15000

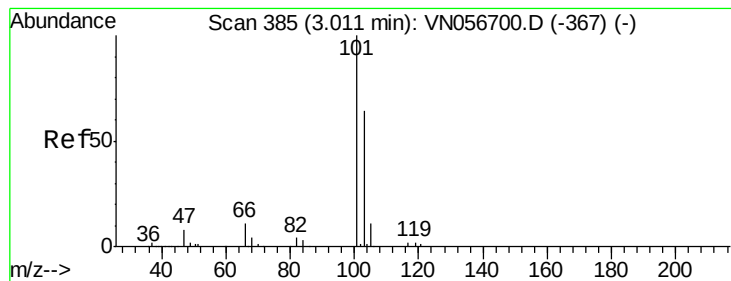
10000

5000

0

Time--> 2.60 2.70 2.80



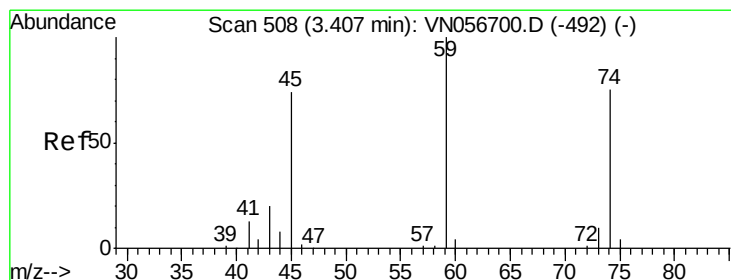
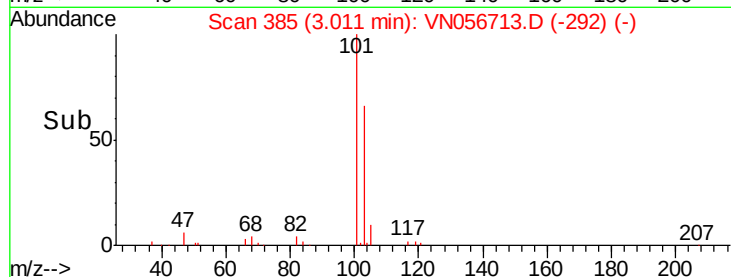
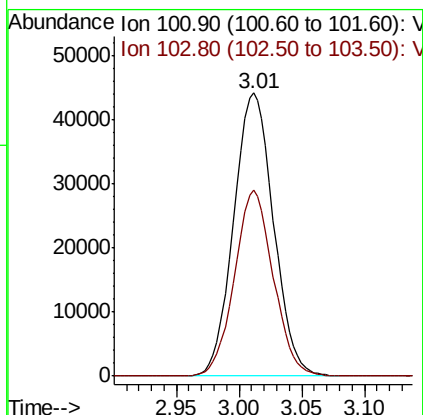
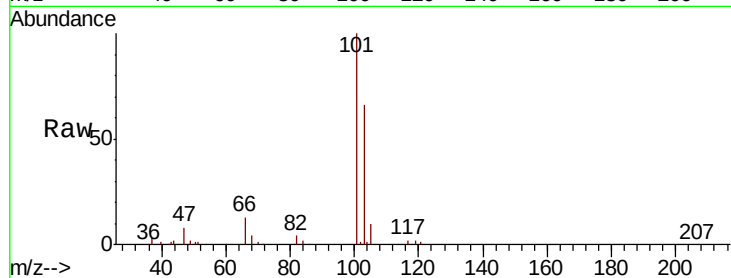


#7

Trichlorofluoromethane
 Concen: 19.128 ug/l
 RT: 3.01 min Scan# 385
 Delta R.T. -0.00 min
 Lab File: VN056713.D
 Acq: 15 Jul 2019 15:39

Instrument :
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 ClientSampleId :
 VN0715WBS01

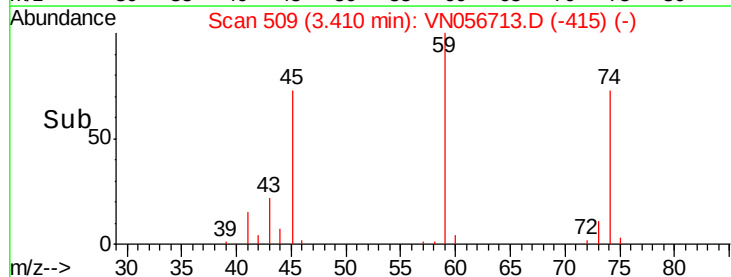
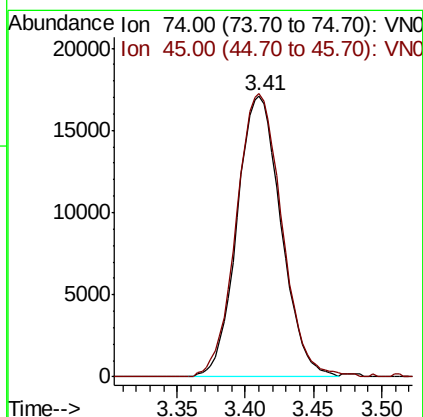
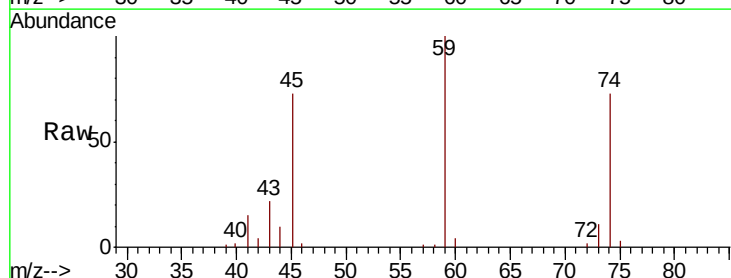
Tot Ion:101 Resp: 97689
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.5 77.3

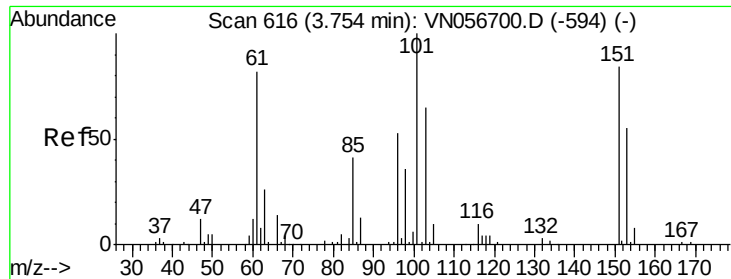


#8

Diethyl Ether
 Concen: 19.221 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN056713.D
 Acq: 15 Jul 2019 15:39

Tgt Ion: 74 Resp: 38272
 Ion Ratio Lower Upper
 74 100
 45 104.3 49.4 148.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.243 ug/l

RT: 3.76 min Scan# 617

Delta R.T. 0.00 min

Lab File: VN056713.D

Acq: 15 Jul 2019 15:39

Instrument :

MSVOA_N

ClientSampleId :

VN0715WBS01

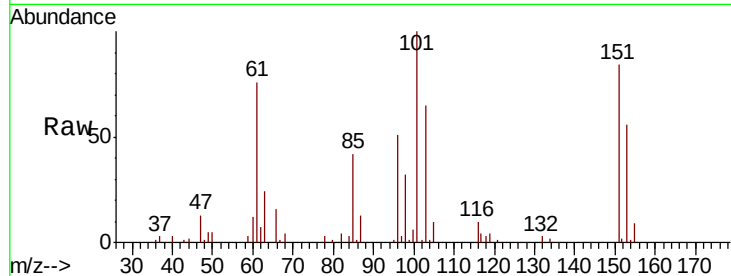
Tot Ion:101 Resp: 59045

Ion Ratio Lower Upper

101 100

85 42.2 33.3 49.9

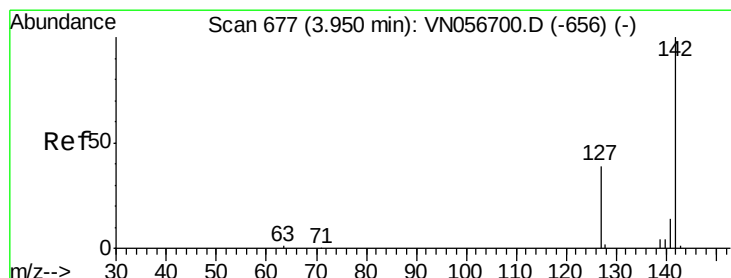
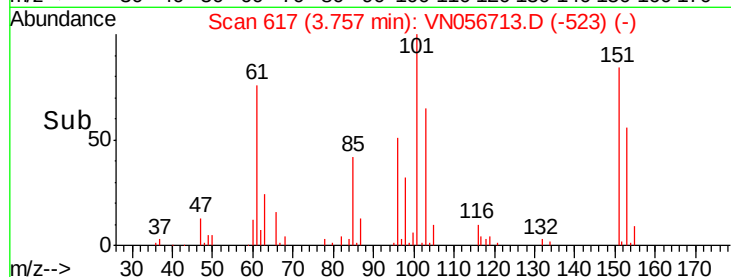
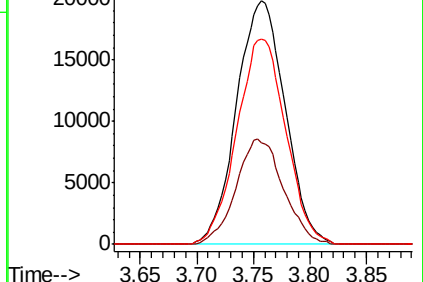
151 85.0 67.0 100.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.137 ug/l

RT: 3.95 min Scan# 678

Delta R.T. 0.00 min

Lab File: VN056713.D

Acq: 15 Jul 2019 15:39

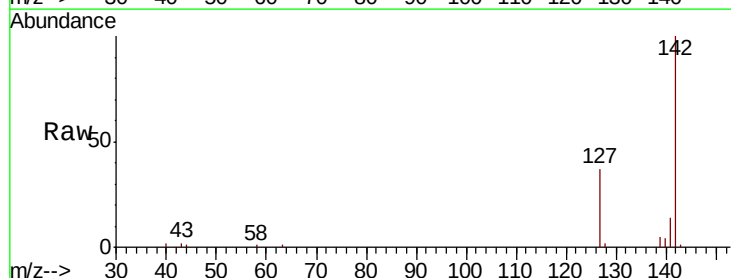
Tgt Ion:142 Resp: 74434

Ion Ratio Lower Upper

142 100

127 39.2 30.7 46.1

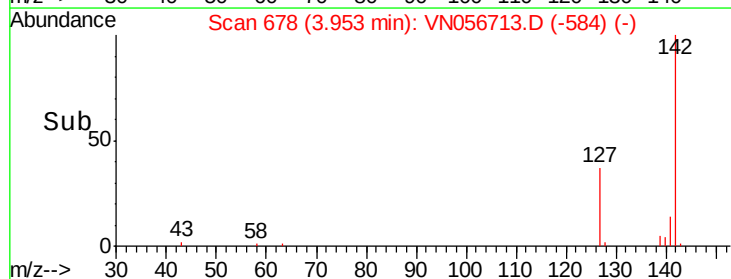
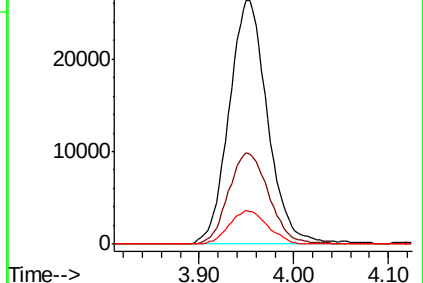
141 13.8 11.3 16.9

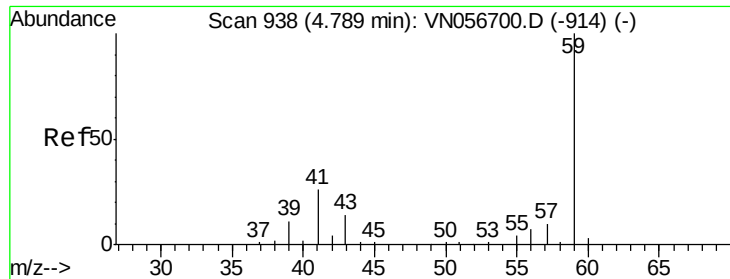


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

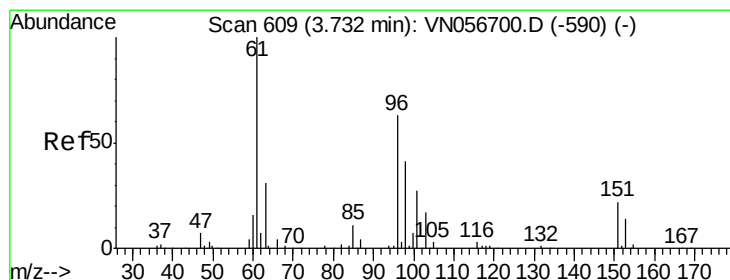
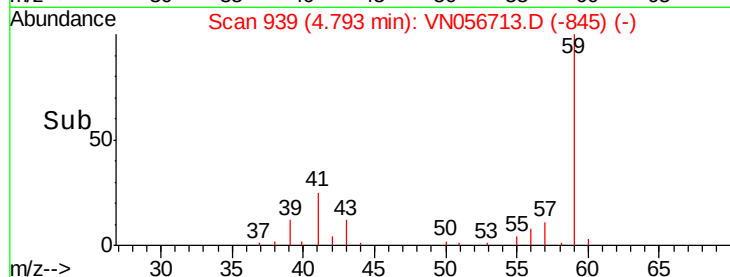
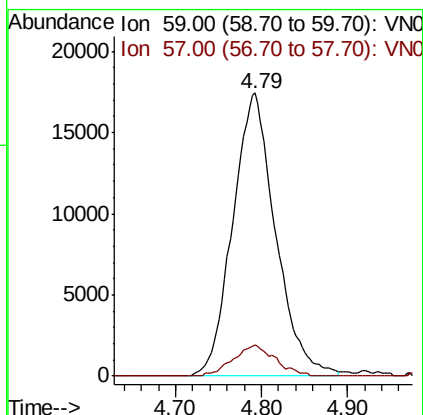
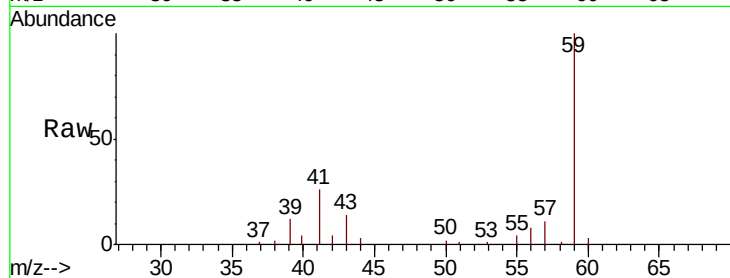




#11
Tert butyl alcohol
Concen: 100.075 ug/l
RT: 4.79 min Scan# 939
Delta R.T. 0.00 min
Lab File: VN056713.D
Acq: 15 Jul 2019 15:39

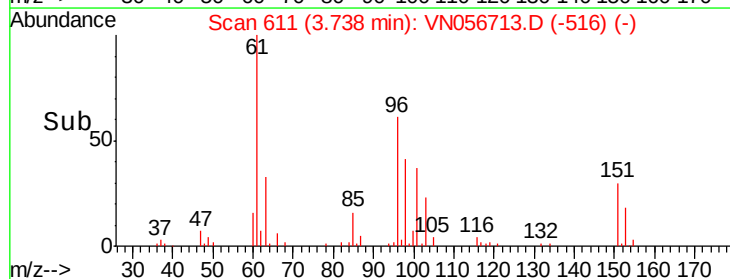
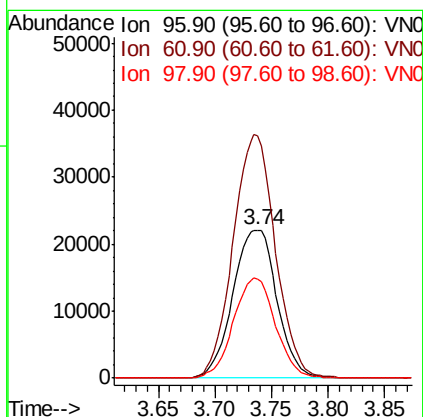
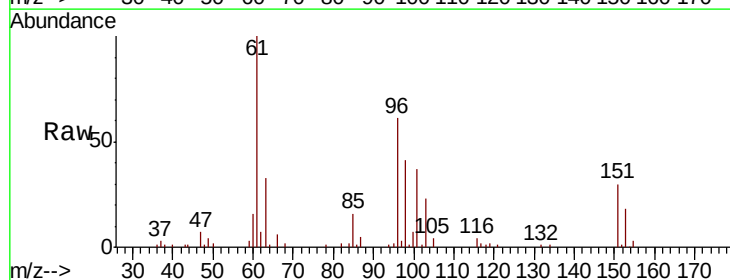
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBS01

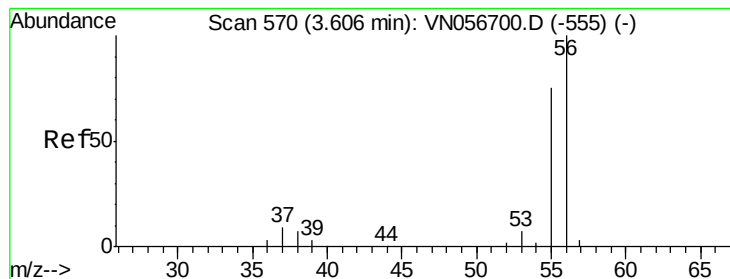
Tot Ion: 59 Resp: 60324
Ion Ratio Lower Upper
59 100
57 10.7 8.0 12.0



#12
1,1-Dichloroethene
Concen: 19.410 ug/l
RT: 3.74 min Scan# 611
Delta R.T. 0.01 min
Lab File: VN056713.D
Acq: 15 Jul 2019 15:39

Tgt Ion: 96 Resp: 59738
Ion Ratio Lower Upper
96 100
61 164.0 126.6 189.8
98 67.1 51.4 77.2





#13

Acrolein

Concen: 108.954 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN056713.D

Acq: 15 Jul 2019 15:39

Instrument :

MSVOA_N

ClientSampleId :

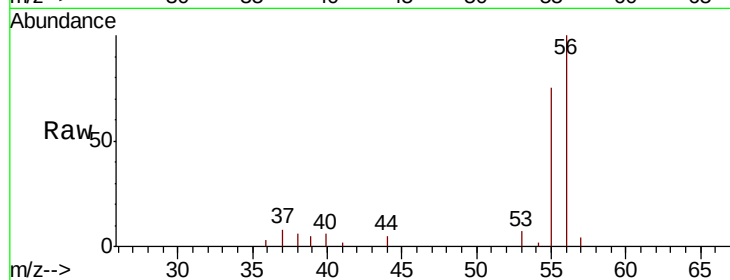
VN0715WBS01

Tot Ion: 56 Resp: 21137

Ion Ratio Lower Upper

56 100

55 74.4 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.61

8000

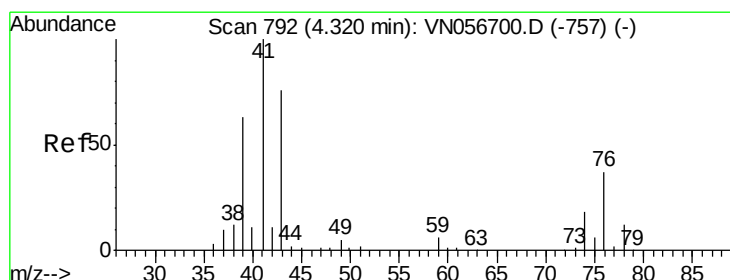
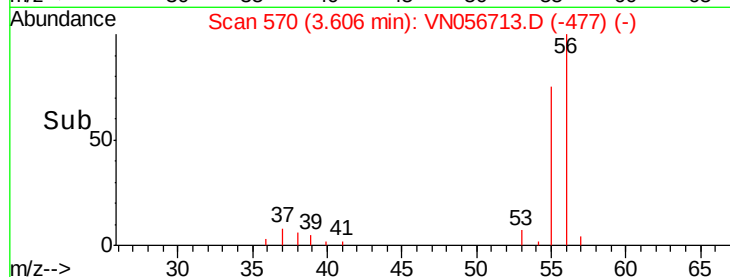
6000

4000

2000

0

Time--> 3.50 3.55 3.60 3.65 3.70



#14

Allyl chloride

Concen: 18.654 ug/l

RT: 4.32 min Scan# 793

Delta R.T. 0.00 min

Lab File: VN056713.D

Acq: 15 Jul 2019 15:39

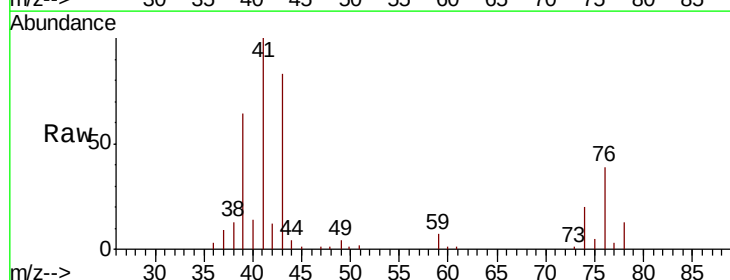
Tgt Ion: 41 Resp: 99286

Ion Ratio Lower Upper

41 100

39 60.8 46.9 70.3

76 34.4 26.5 39.7



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

4.32

40000

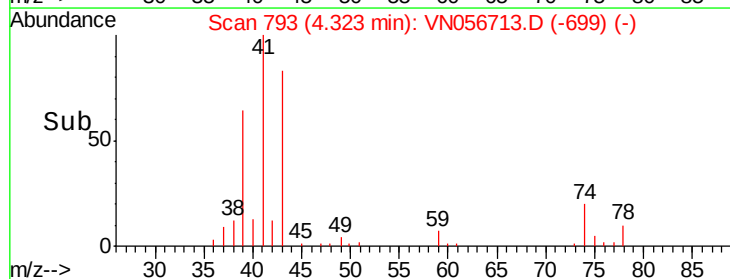
30000

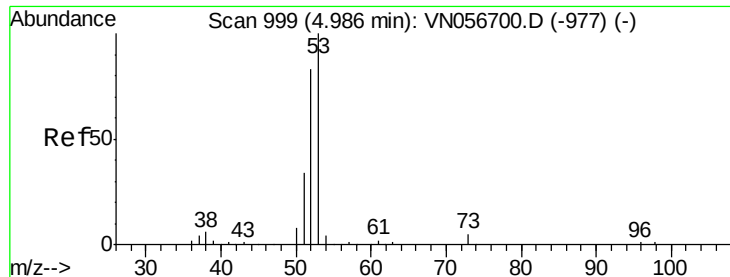
20000

10000

0

Time--> 4.20 4.30 4.40





#15

Acrylonitrile

Concen: 101.100 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN056713.D

Acq: 15 Jul 2019 15:39

Instrument :

MSVOA_N

ClientSampleId :

VN0715WBS01

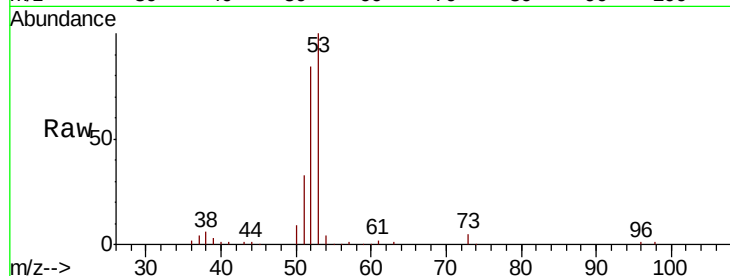
Tot Ion: 53 Resp: 175992

Ion Ratio Lower Upper

53 100

52 82.1 66.6 99.8

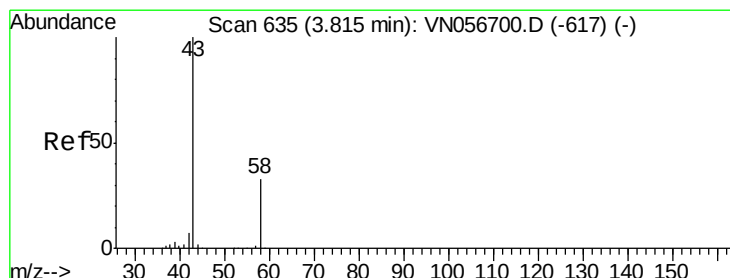
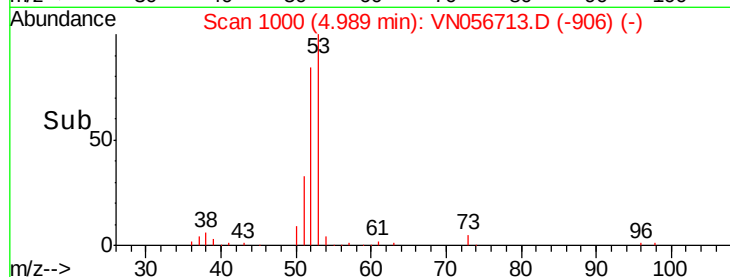
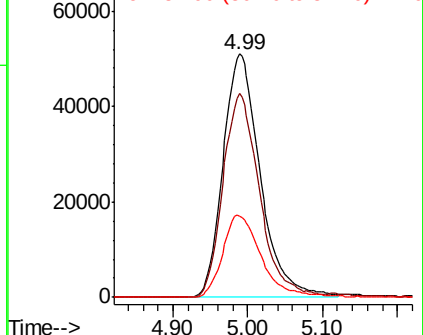
51 34.4 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 85.567 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN056713.D

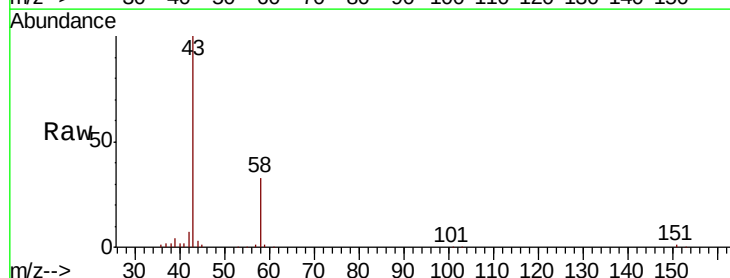
Acq: 15 Jul 2019 15:39

Tgt Ion: 43 Resp: 142798

Ion Ratio Lower Upper

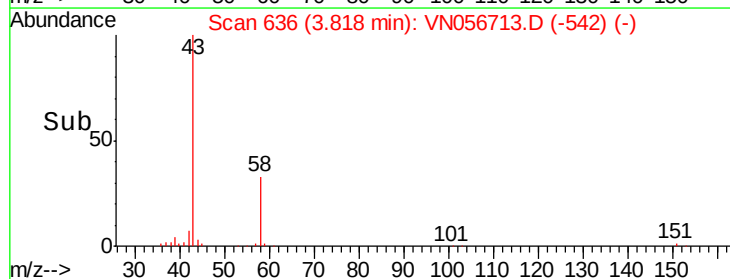
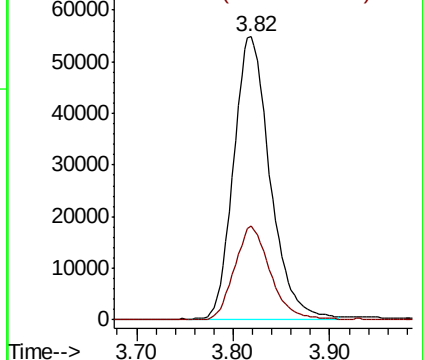
43 100

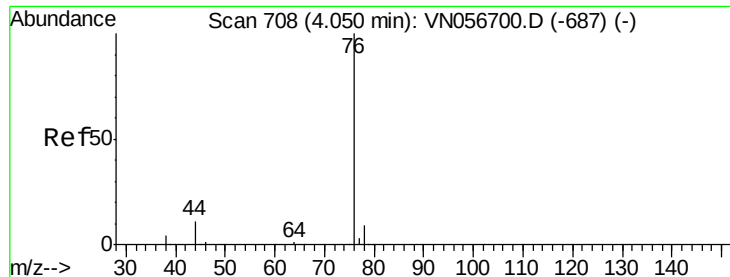
58 33.4 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 18.276 ug/l

RT: 4.05 min Scan# 708

Delta R.T. -0.00 min

Lab File: VN056713.D

Acq: 15 Jul 2019 15:39

Instrument :

MSVOA_N

ClientSampleId :

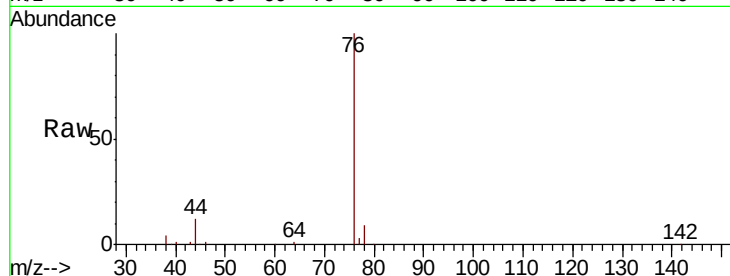
VN0715WBS01

Tot Ion: 76 Resp: 148637

Ion Ratio Lower Upper

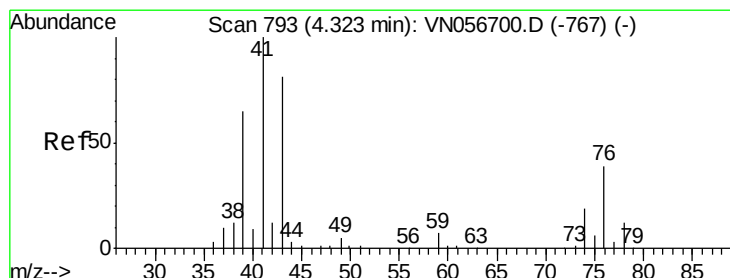
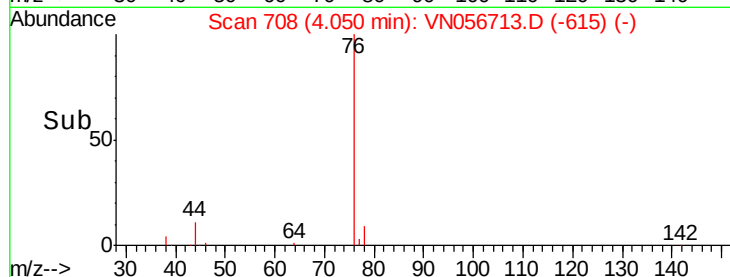
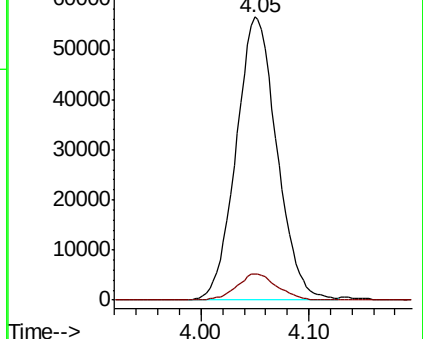
76 100

78 9.4 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 20.100 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN056713.D

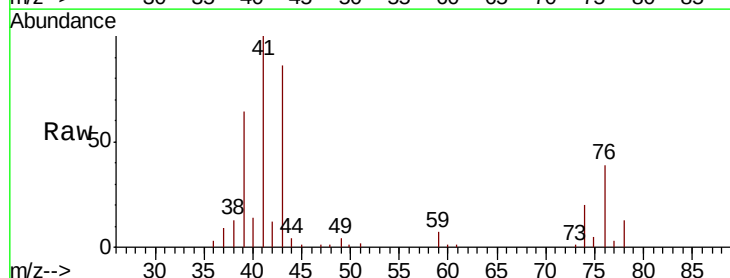
Acq: 15 Jul 2019 15:39

Tgt Ion: 43 Resp: 77519

Ion Ratio Lower Upper

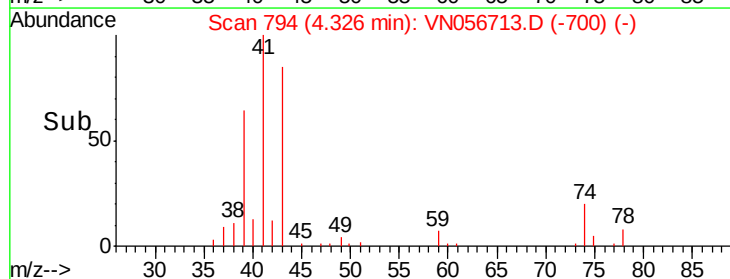
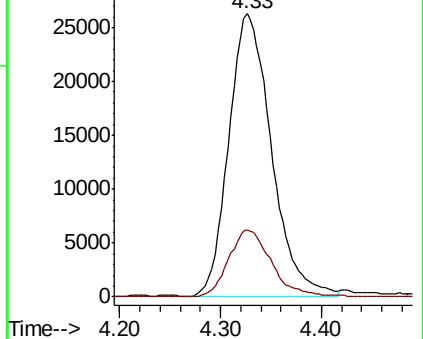
43 100

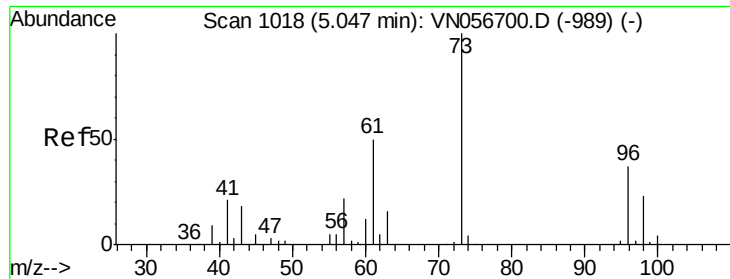
74 23.5 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

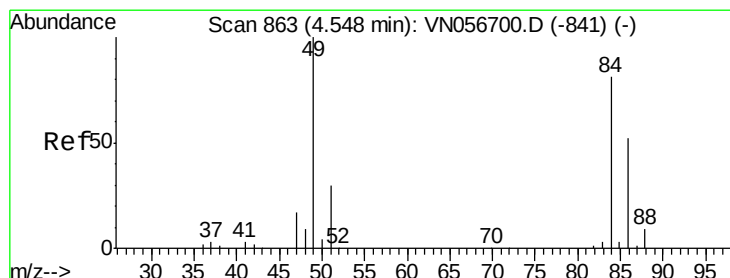
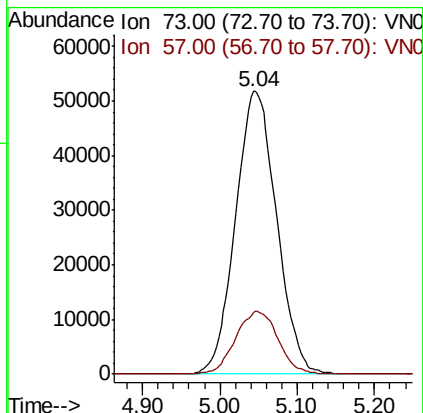
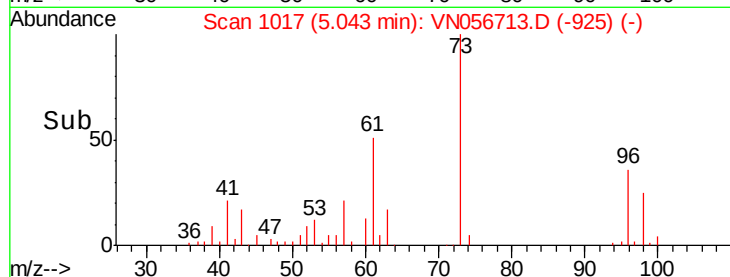
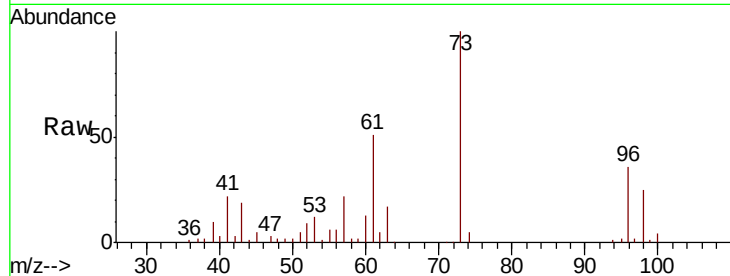




#19
Methyl tert-butyl Ether
Concen: 19.493 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN056713.D
Acq: 15 Jul 2019 15:39

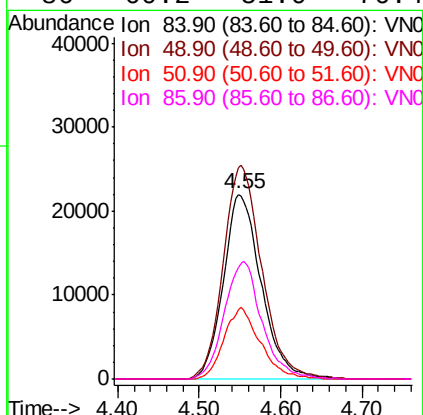
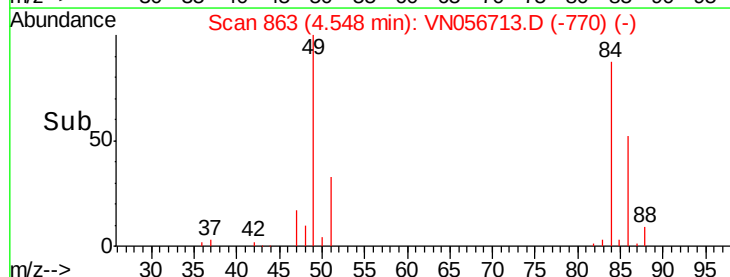
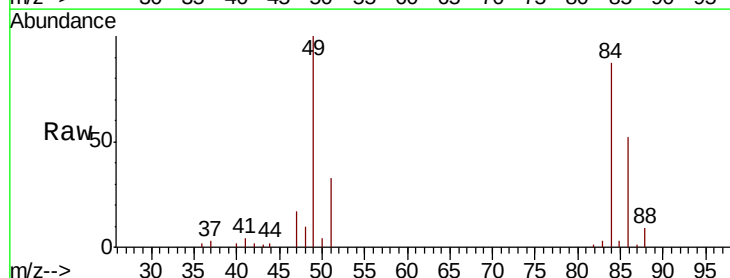
Instrument :
MSVOA_N
ClientSampled :
VN0715WBS01

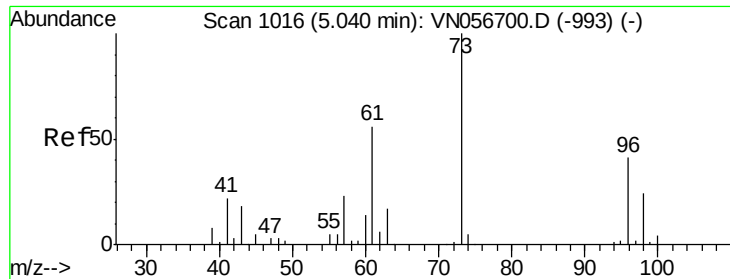
Tot Ion: 73 Resp: 191156
Ion Ratio Lower Upper
73 100
57 21.9 17.9 26.9



#20
Methylene Chloride
Concen: 19.566 ug/l
RT: 4.55 min Scan# 863
Delta R.T. -0.00 min
Lab File: VN056713.D
Acq: 15 Jul 2019 15:39

Tgt Ion: 84 Resp: 71358
Ion Ratio Lower Upper
84 100
49 114.8 98.2 147.4
51 37.9 29.6 44.4
86 60.2 51.0 76.4

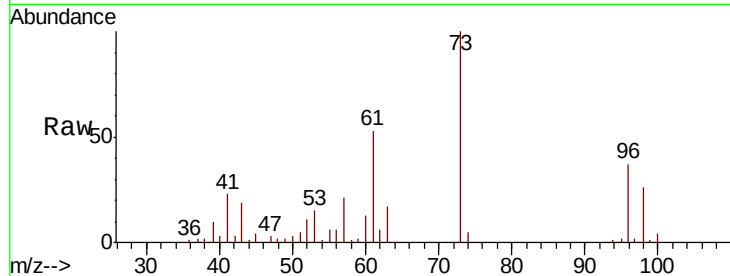




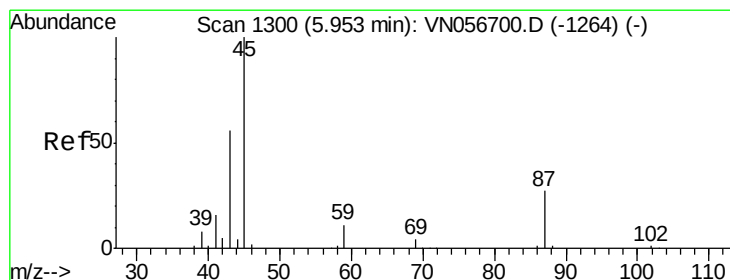
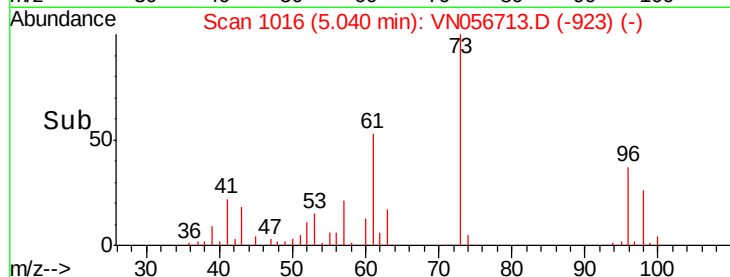
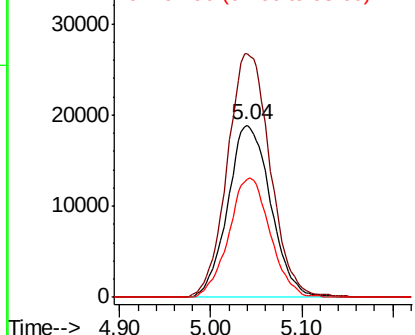
#21
trans-1,2-Dichloroethene
Concen: 19.014 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VN056713.D
Acq: 15 Jul 2019 15:39

Instrument :
MSVOA_N
ClientSampleId :
VN0715WBS01

Tot Ion: 96 Resp: 61858
Ion Ratio Lower Upper
96 100
61 141.1 109.4 164.2
98 68.7 48.0 72.0

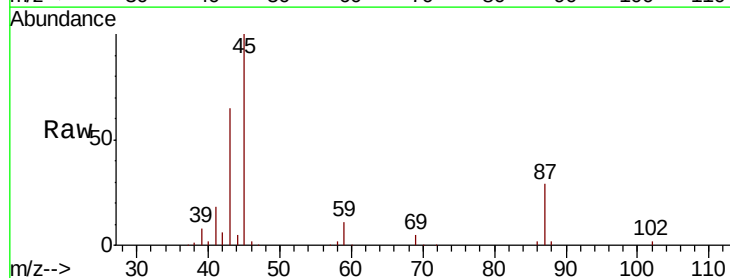


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

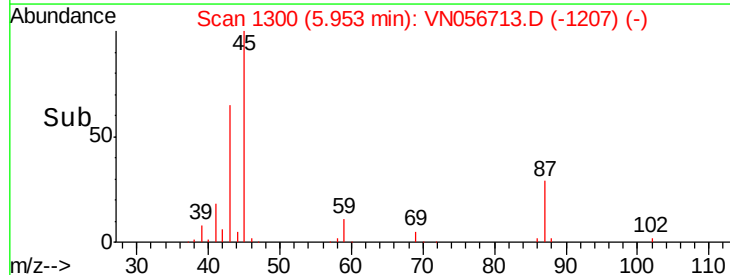
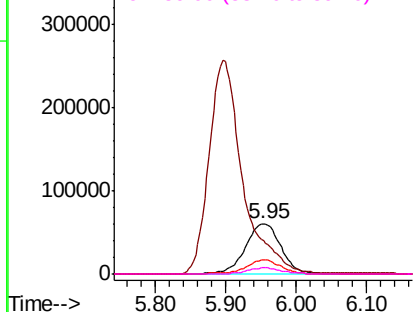


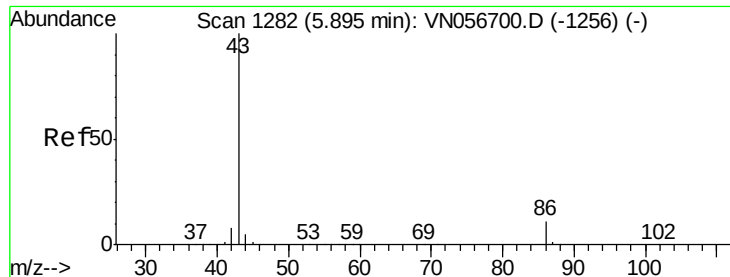
#22
Diisopropyl ether
Concen: 20.208 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. -0.00 min
Lab File: VN056713.D
Acq: 15 Jul 2019 15:39

Tgt Ion: 45 Resp: 212303
Ion Ratio Lower Upper
45 100
43 62.7 45.6 68.4
87 29.0 22.0 33.0
59 11.2 9.3 13.9



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

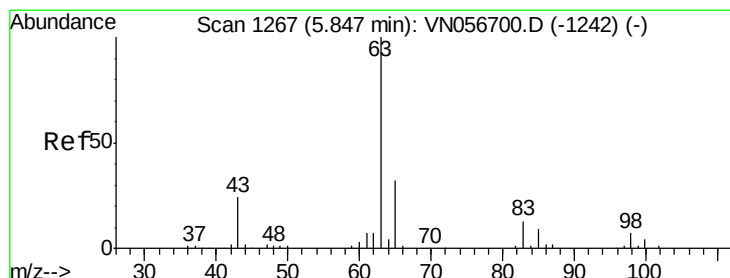
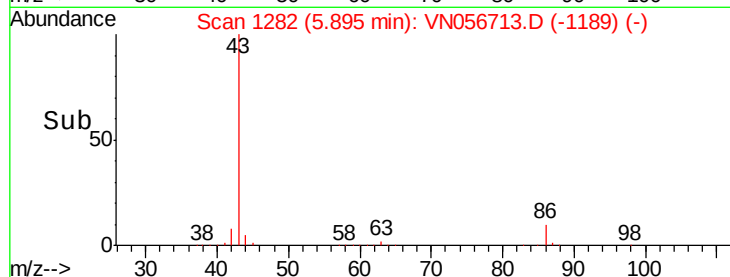
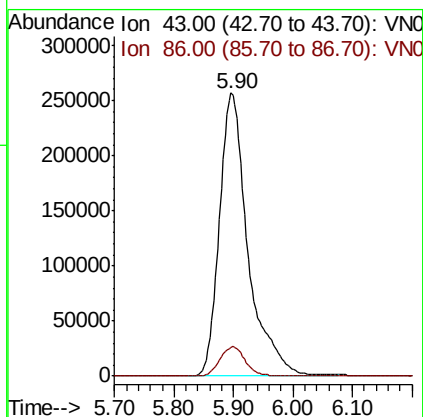
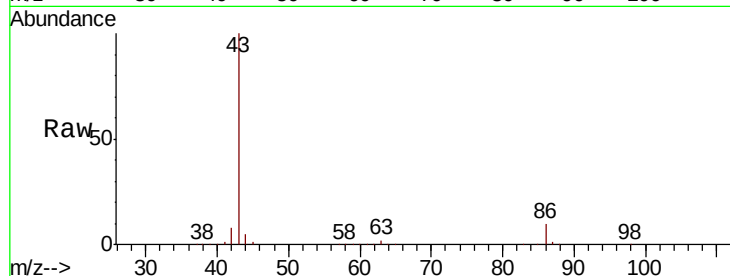




#23
 Vinyl Acetate
 Concen: 100.827 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: VN056713.D
 Acq: 15 Jul 2019 15:39

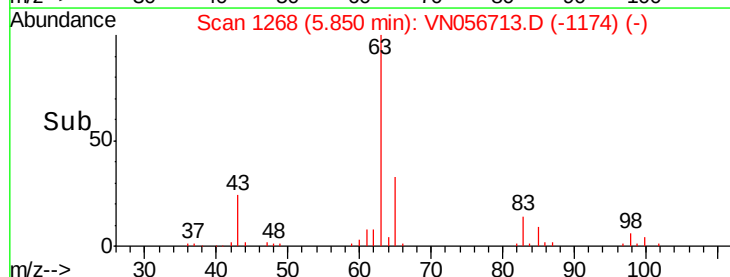
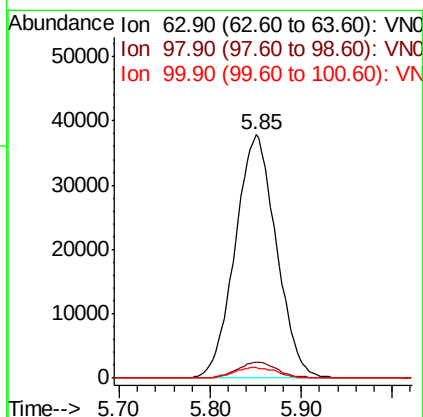
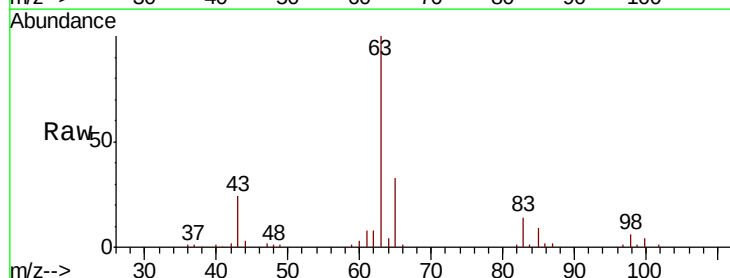
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0715WBS01

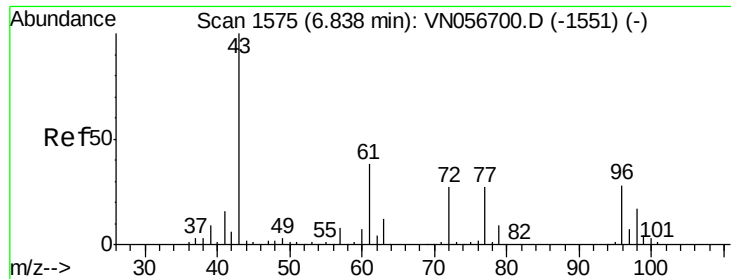
Tot Ion: 43 Resp: 858379
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 19.501 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VN056713.D
 Acq: 15 Jul 2019 15:39

Tgt Ion: 63 Resp: 118780
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.3 9.9
 100 4.3 2.0 5.8

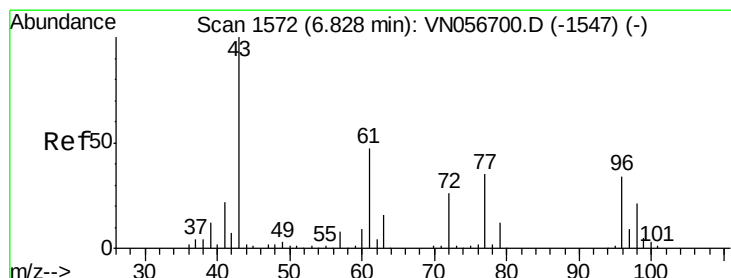
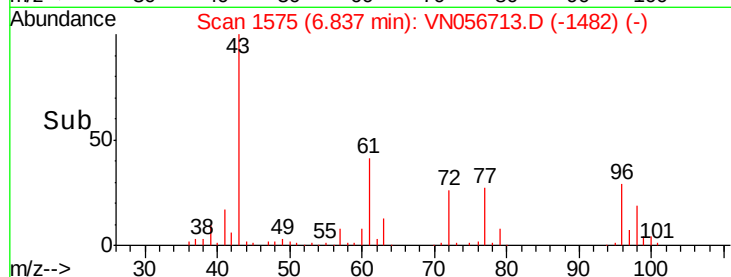
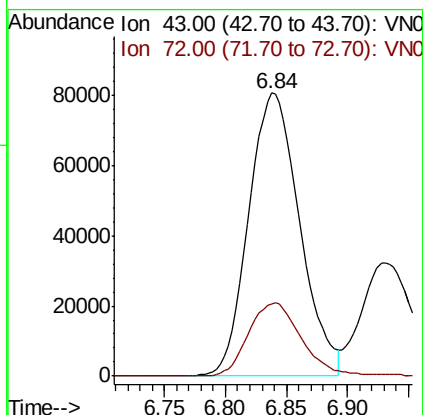
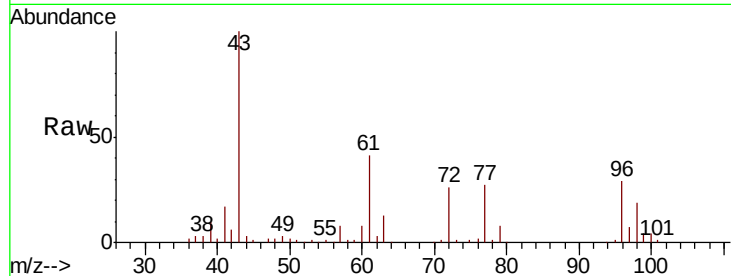




#25
2-Butanone
Concen: 95.957 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. -0.00 min
Lab File: VN056713.D
Acq: 15 Jul 2019 15:39

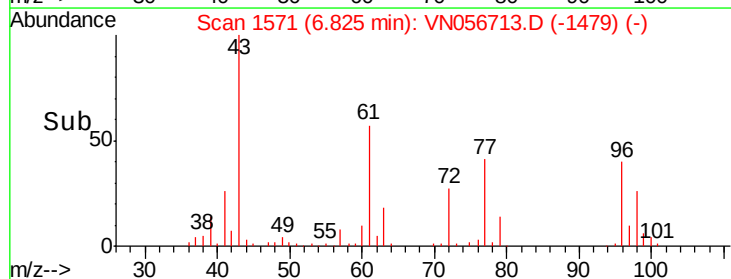
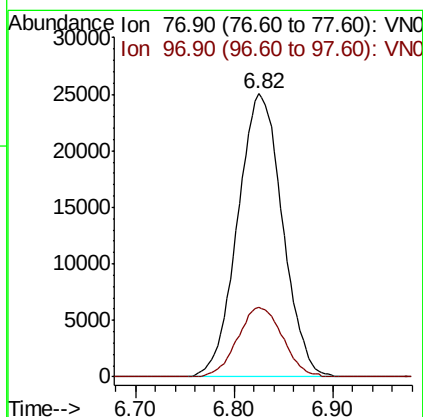
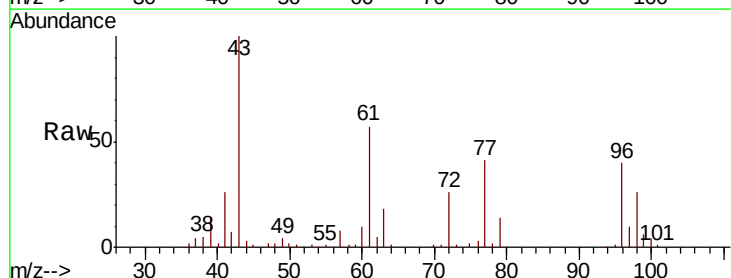
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBS01

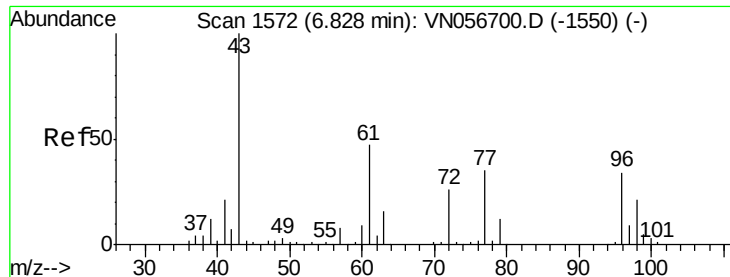
Tot Ion: 43 Resp: 234123
Ion Ratio Lower Upper
43 100
72 25.7 21.2 31.8



#26
2,2-Dichloropropane
Concen: 17.918 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. -0.00 min
Lab File: VN056713.D
Acq: 15 Jul 2019 15:39

Tgt Ion: 77 Resp: 78692
Ion Ratio Lower Upper
77 100
97 24.7 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 19.565 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN056713.D

Acq: 15 Jul 2019 15:39

Instrument :

MSVOA_N

ClientSampleId :

VN0715WBS01

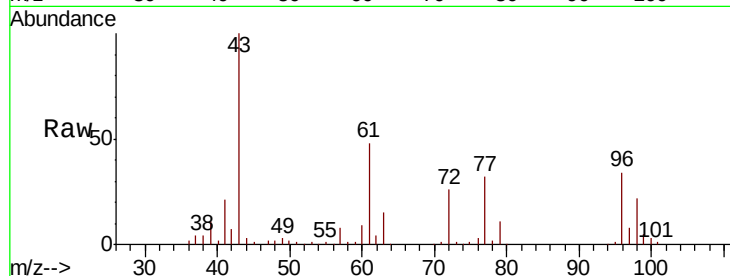
Tot Ion: 96 Resp: 73241

Ion Ratio Lower Upper

96 100

61 143.1 0.0 281.4

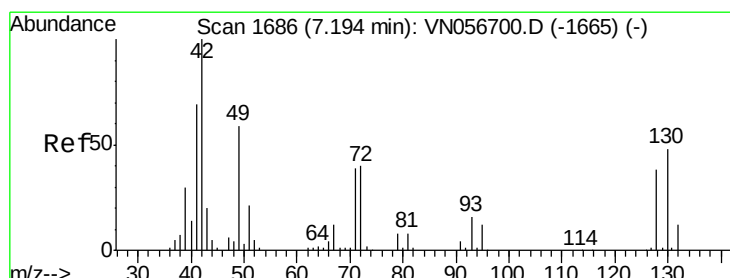
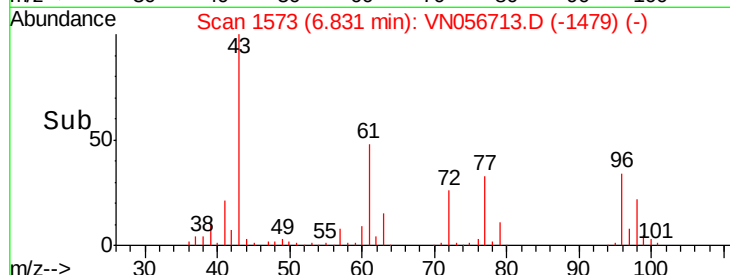
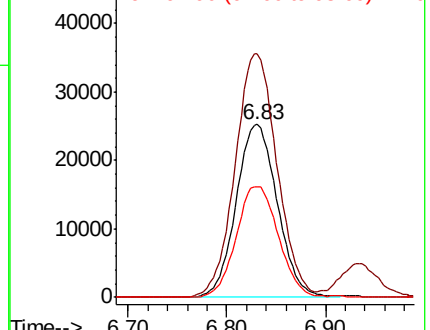
98 65.6 0.0 127.8



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 19.527 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN056713.D

Acq: 15 Jul 2019 15:39

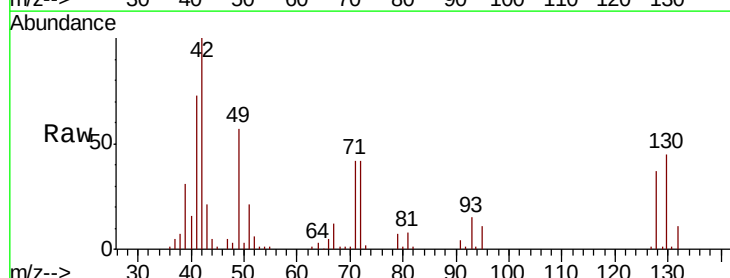
Tgt Ion: 49 Resp: 55924

Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.0

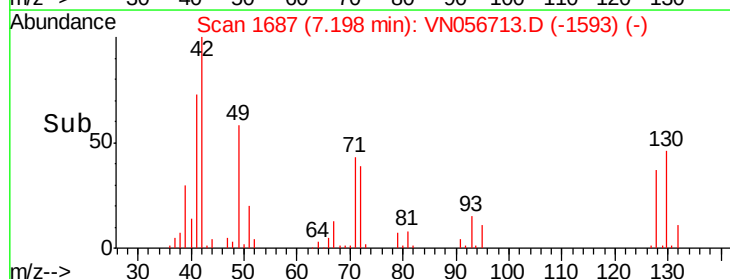
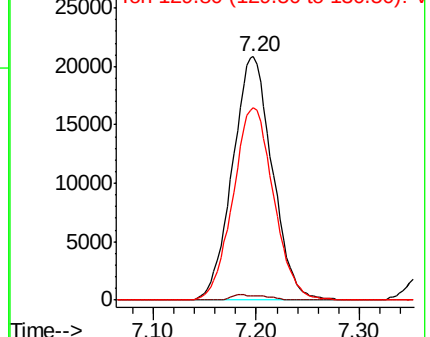
130 80.7 64.7 97.1

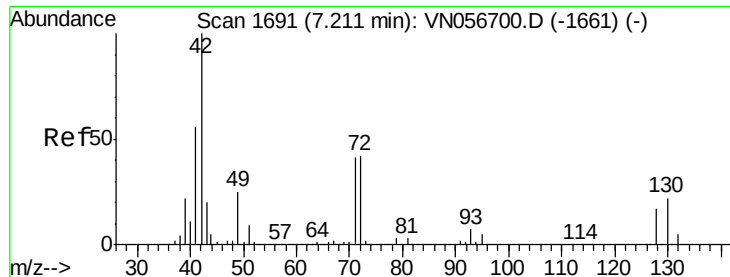


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

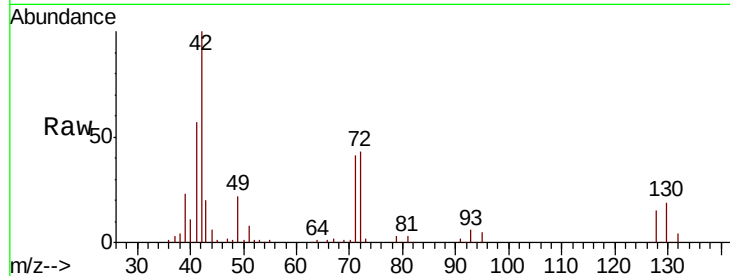




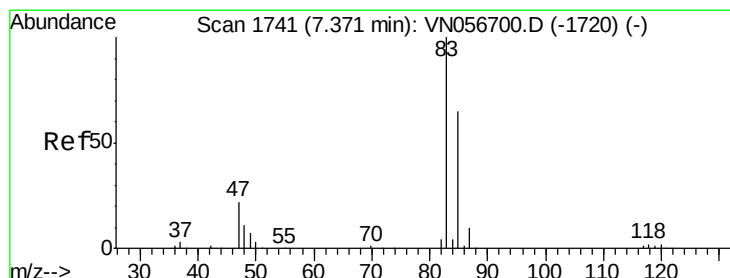
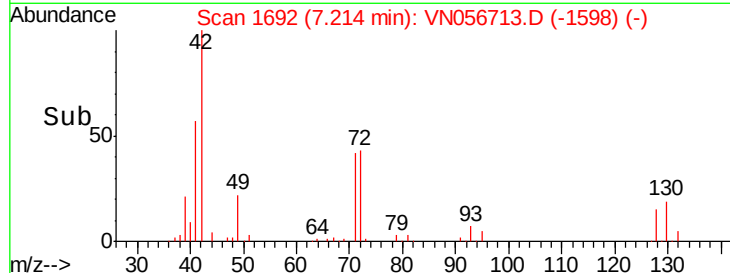
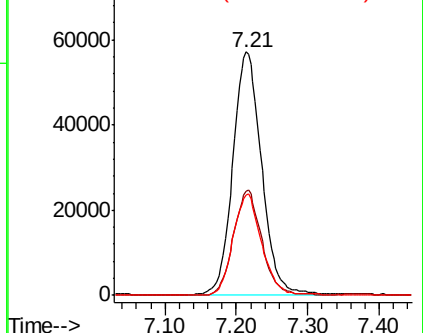
#29
Tetrahydrofuran
Concen: 101.652 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN056713.D
Acq: 15 Jul 2019 15:39

Instrument :
MSVOA_N
ClientSampleId :
VN0715WBS01

Tot Ion: 42 Resp: 161764
Ion Ratio Lower Upper
42 100
72 42.4 33.5 50.3
71 40.8 31.8 47.8

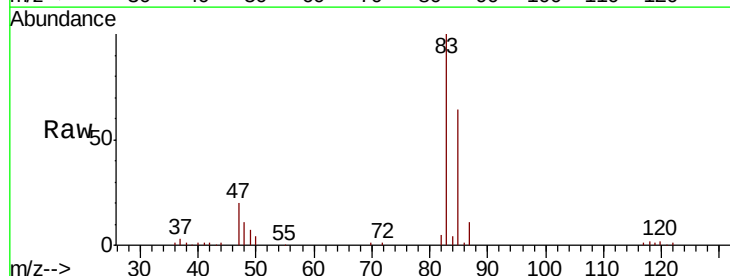


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

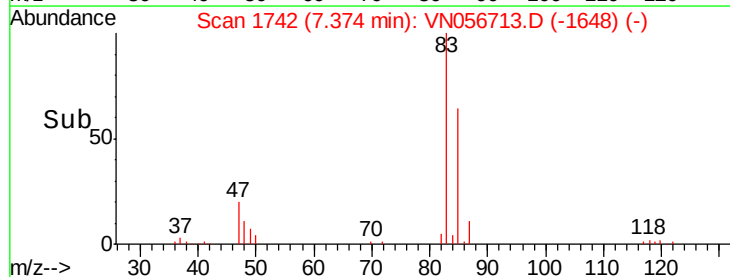
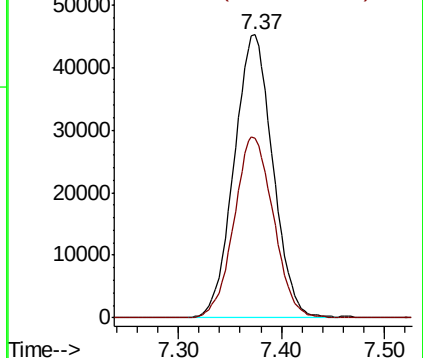


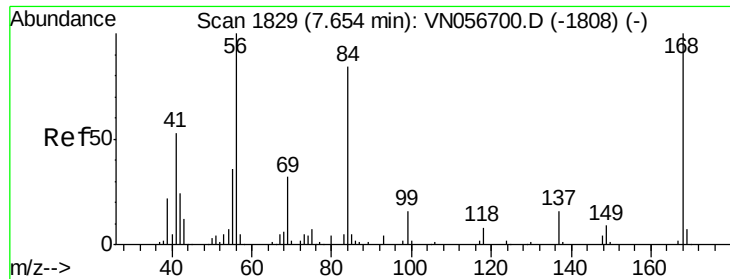
#30
Chloroform
Concen: 19.336 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN056713.D
Acq: 15 Jul 2019 15:39

Tgt Ion: 83 Resp: 117857
Ion Ratio Lower Upper
83 100
85 63.5 51.9 77.9



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

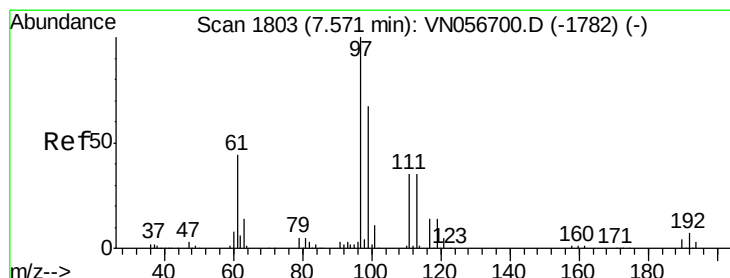
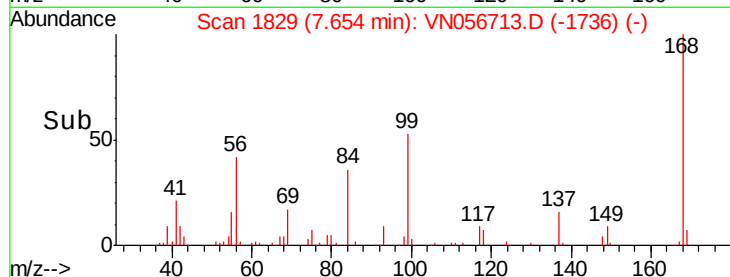
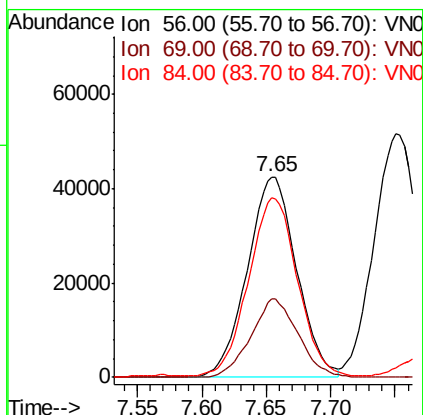
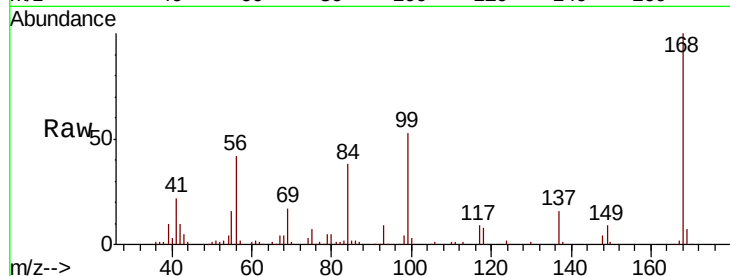




#31
Cyclohexane
Concen: 19.537 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. -0.00 min
Lab File: VN056713.D
Acq: 15 Jul 2019 15:39

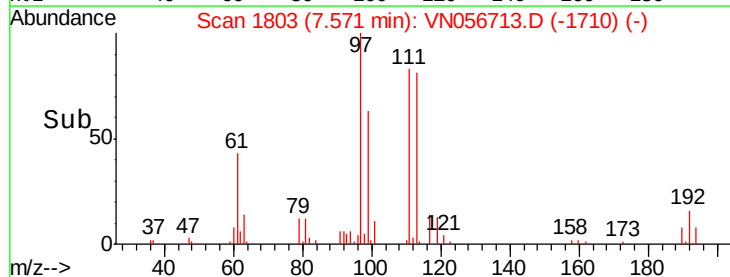
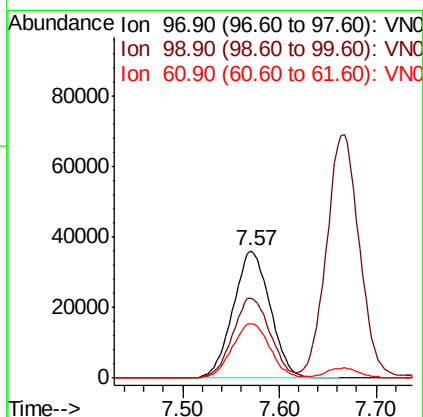
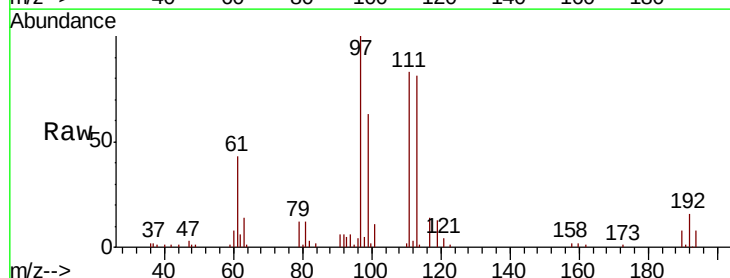
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBS01

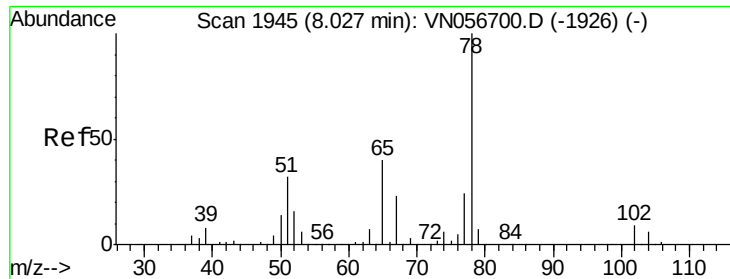
Tot Ion: 56 Resp: 113104
Ion Ratio Lower Upper
56 100
69 39.3 25.8 38.8#
84 88.6 67.4 101.0



#32
1,1,1-Trichloroethane
Concen: 19.918 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VN056713.D
Acq: 15 Jul 2019 15:39

Tgt Ion: 97 Resp: 96015
Ion Ratio Lower Upper
97 100
99 63.3 52.0 78.0
61 43.2 34.3 51.5

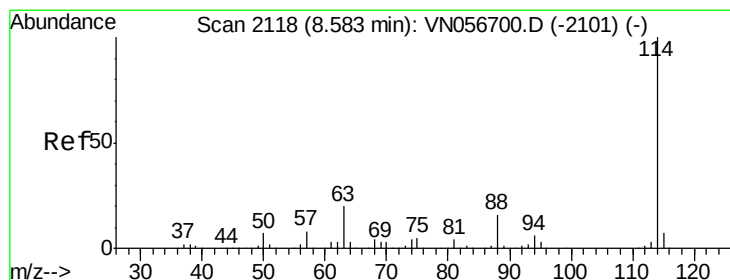
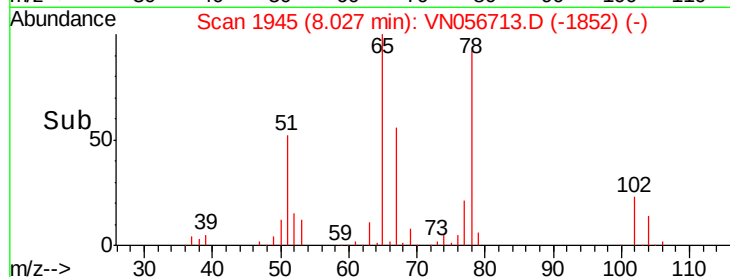
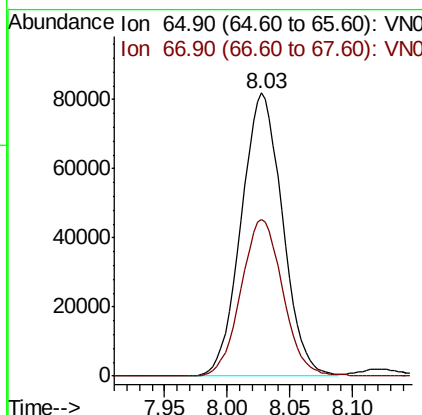
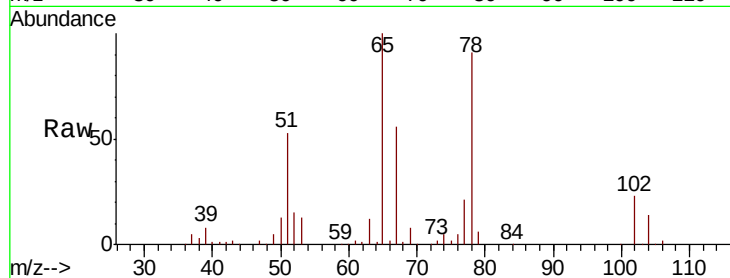




#33
 1,2-Dichloroethane-d4
 Concen: 51.873 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN056713.D
 Acq: 15 Jul 2019 15:39

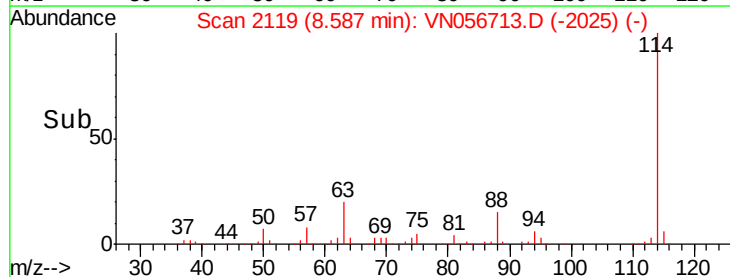
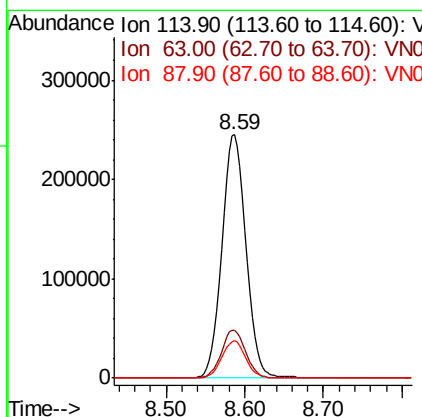
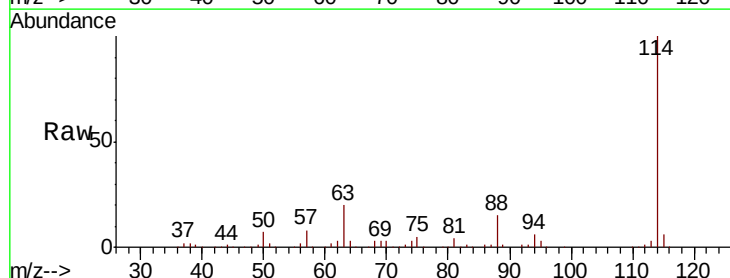
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0715WBS01

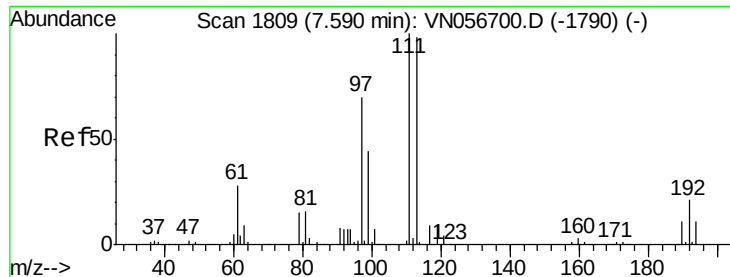
Tot Ion: 65 Resp: 187855
 Ion Ratio Lower Upper
 65 100
 67 56.0 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056713.D
 Acq: 15 Jul 2019 15:39

Tgt Ion: 114 Resp: 515744
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.4
 88 15.3 0.0 31.2

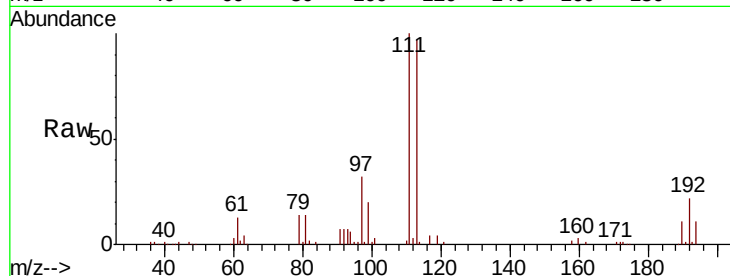




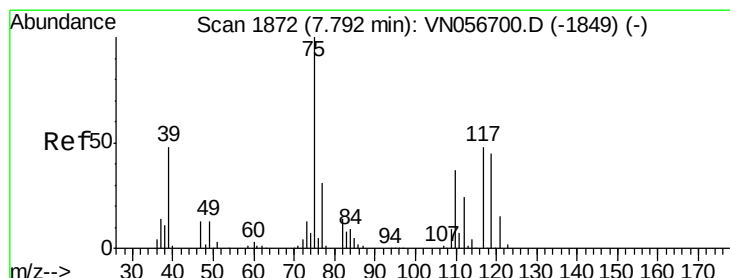
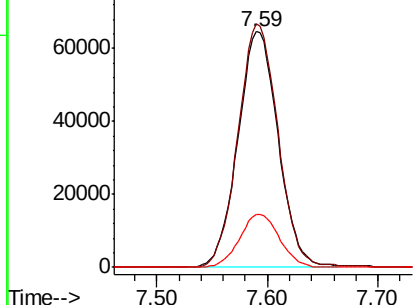
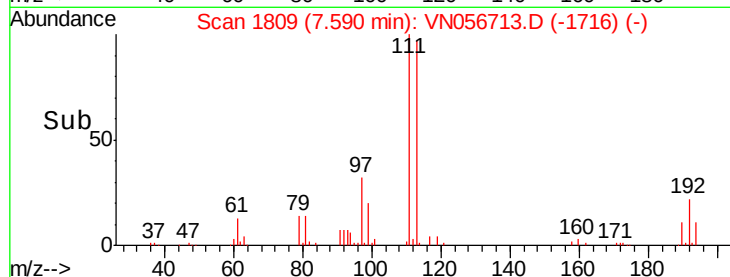
#35
 Dibromofluoromethane
 Concen: 51.005 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN056713.D
 Acq: 15 Jul 2019 15:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0715WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.8	122.6
192	22.2	17.5	26.3

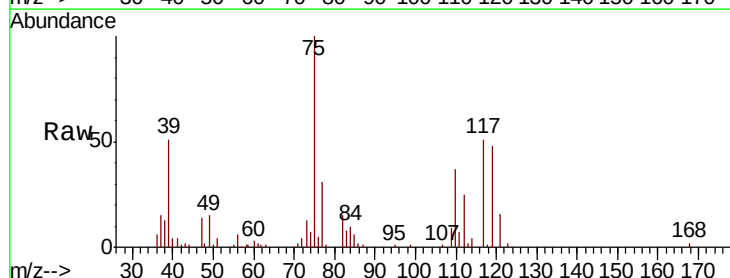


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

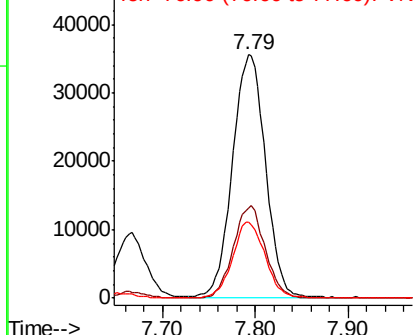
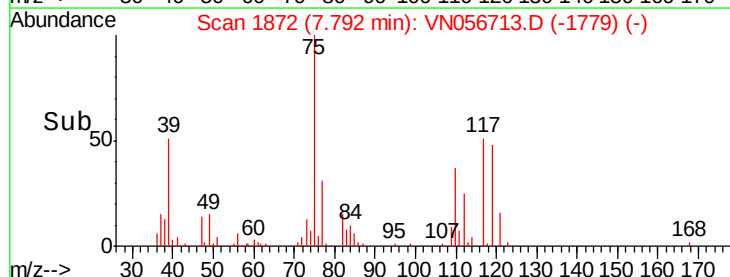


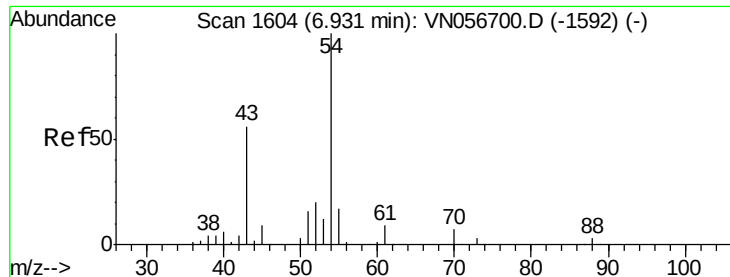
#36
 1,1-Dichloropropene
 Concen: 18.498 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN056713.D
 Acq: 15 Jul 2019 15:39

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.1	18.4	55.4
77	30.6	24.6	36.8



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





#37

Ethyl Acetate

Concen: 20.014 ug/l

RT: 6.93 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VN056713.D

Acq: 15 Jul 2019 15:39

Instrument :

MSVOA_N

ClientSampled :

VN0715WBS01

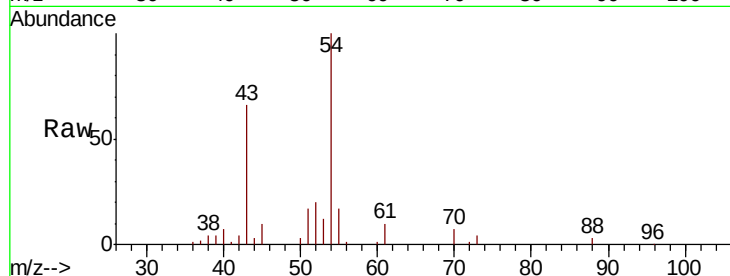
Tot Ion: 43 Resp: 94141

Ion Ratio Lower Upper

43 100

61 14.5 11.3 16.9

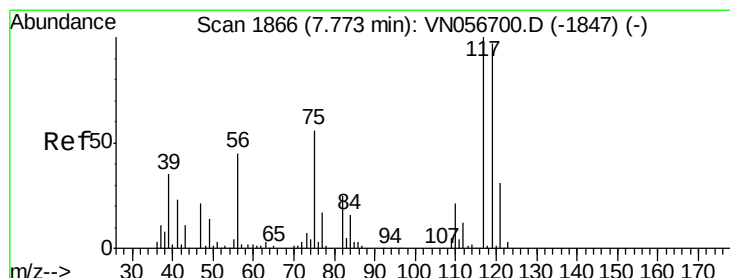
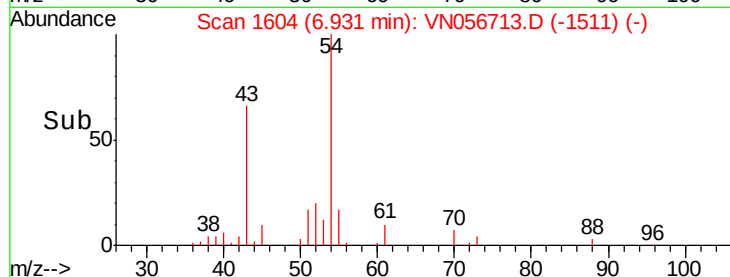
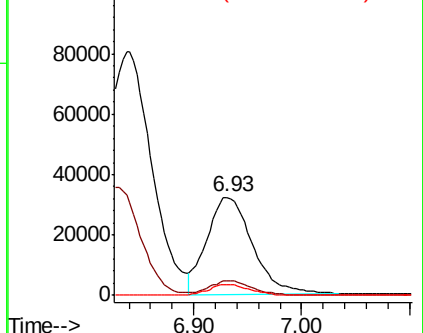
70 10.3 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 70.00 (69.70 to 70.70): VN0



#38

Carbon Tetrachloride

Concen: 18.176 ug/l

RT: 7.77 min Scan# 1866

Delta R.T. -0.00 min

Lab File: VN056713.D

Acq: 15 Jul 2019 15:39

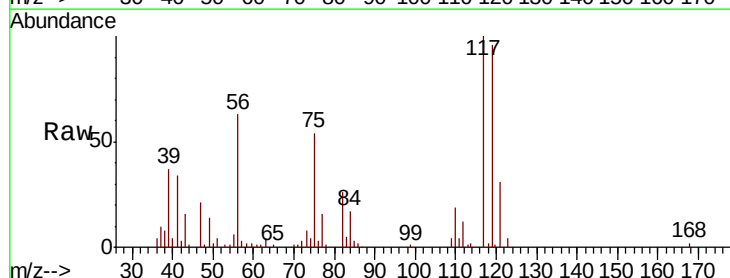
Tgt Ion: 117 Resp: 81351

Ion Ratio Lower Upper

117 100

119 96.3 77.5 116.3

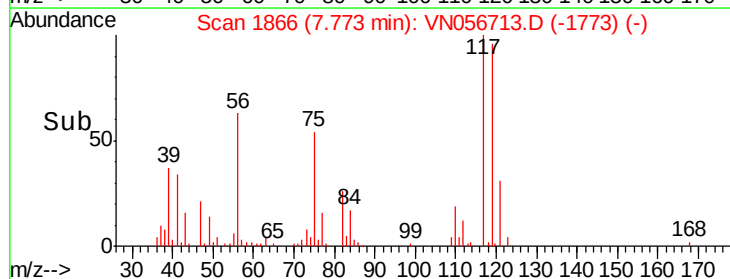
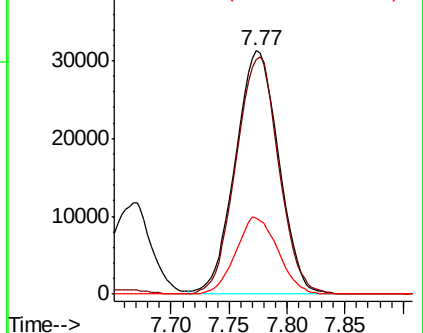
121 31.0 24.7 37.1

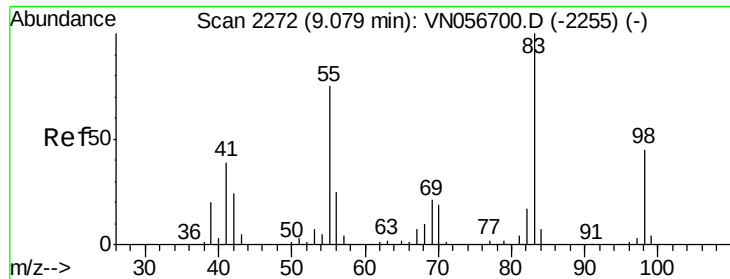


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

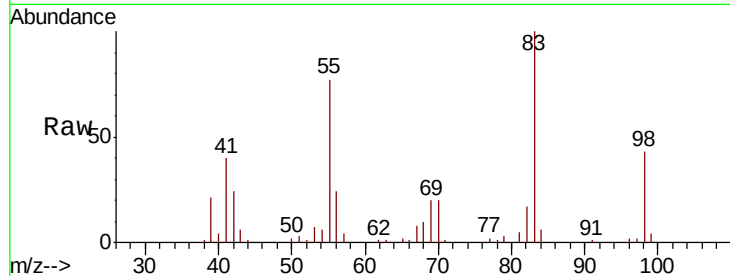




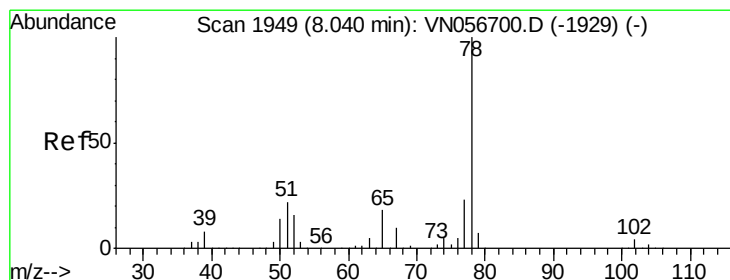
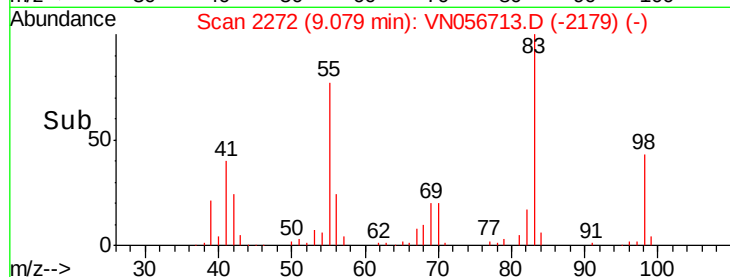
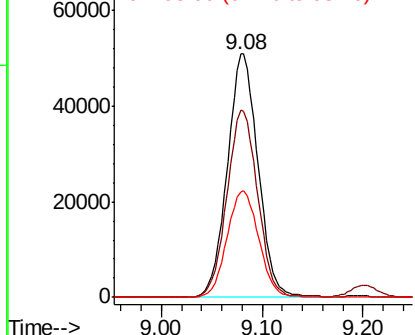
#39
Methylvlcyclohexane
Concen: 18.317 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN056713.D
Acq: 15 Jul 2019 15:39

Instrument :
MSVOA_N
ClientSampleId :
VN0715WBS01

Tot Ion: 83 Resp: 107940
Ion Ratio Lower Upper
83 100
55 76.8 60.4 90.6
98 43.5 35.8 53.8

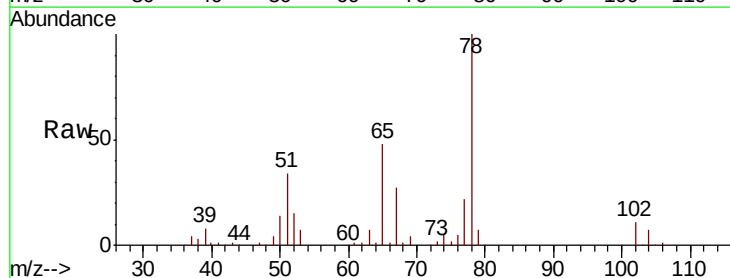


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

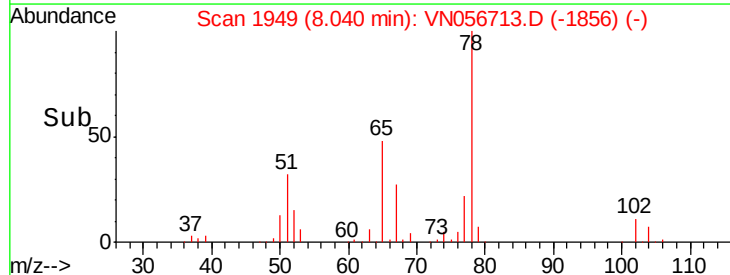
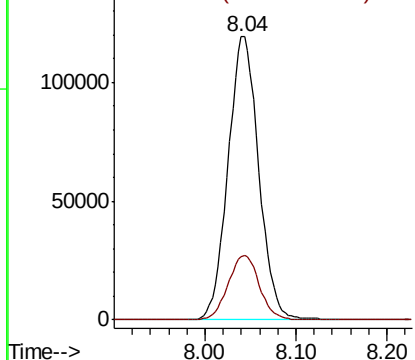


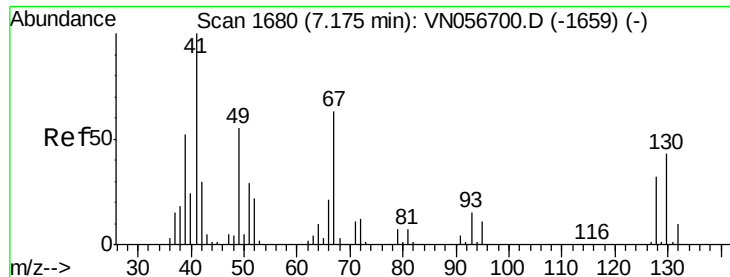
#40
Benzene
Concen: 19.123 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN056713.D
Acq: 15 Jul 2019 15:39

Tgt Ion: 78 Resp: 279644
Ion Ratio Lower Upper
78 100
77 22.4 18.6 27.8



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

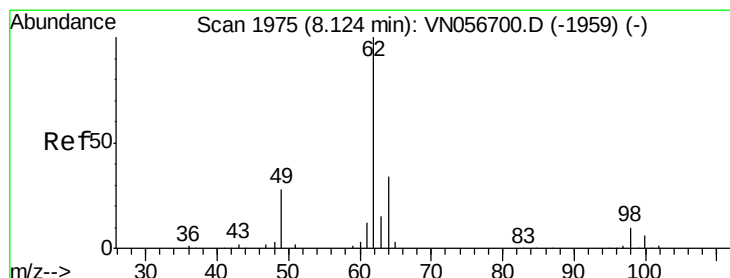
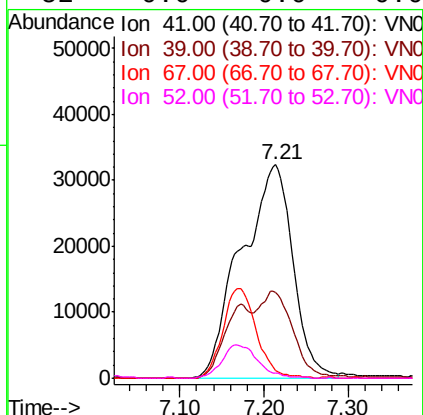
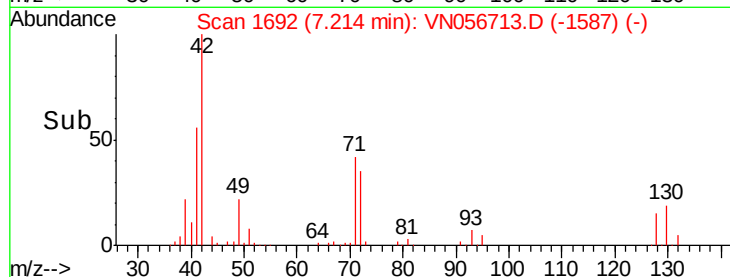
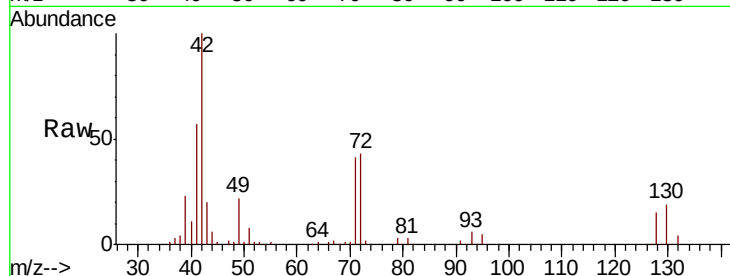




#41
Methacrylonitrile
Concen: 66.601 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.04 min
Lab File: VN056713.D
Acq: 15 Jul 2019 15:39

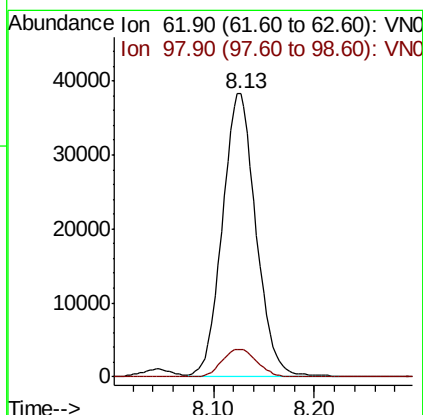
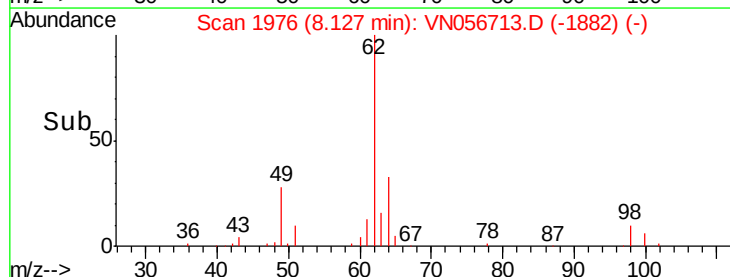
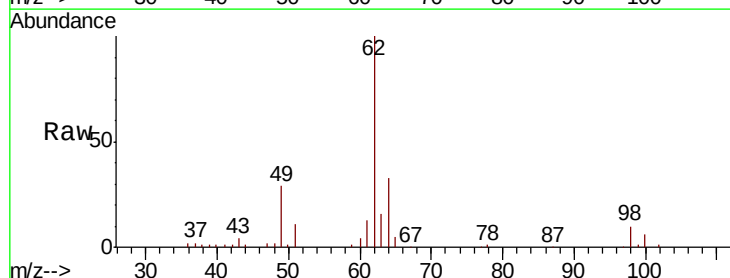
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBS01

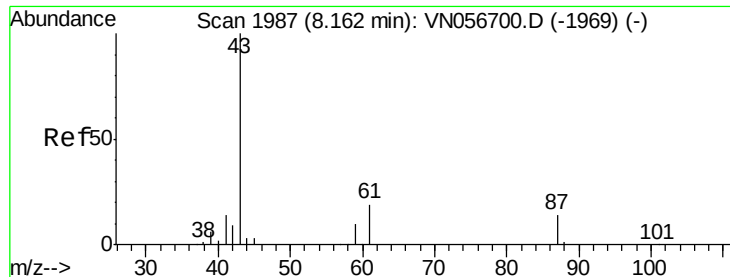
Tot Ion:	41	Resp:	137608
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 19.272 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN056713.D
Acq: 15 Jul 2019 15:39

Tgt Ion:	62	Resp:	89067
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.8





#43

Isopropyl Acetate

Concen: 19.800 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056713.D

Acq: 15 Jul 2019 15:39

Instrument :

MSVOA_N

ClientSampleId :

VN0715WBS01

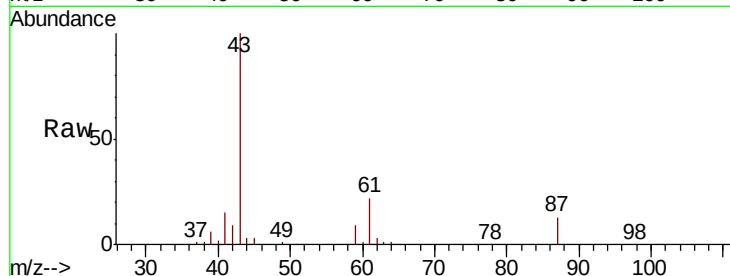
Tot Ion: 43 Resp: 146414

Ion Ratio Lower Upper

43 100

61 27.7 22.3 33.5

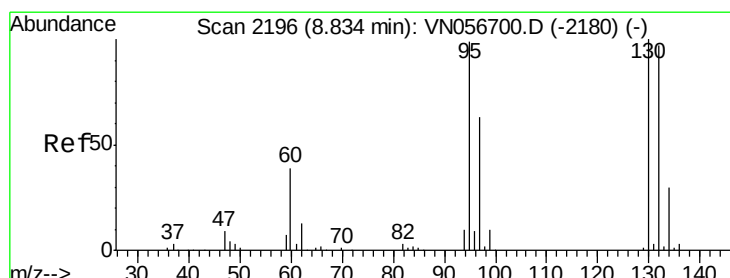
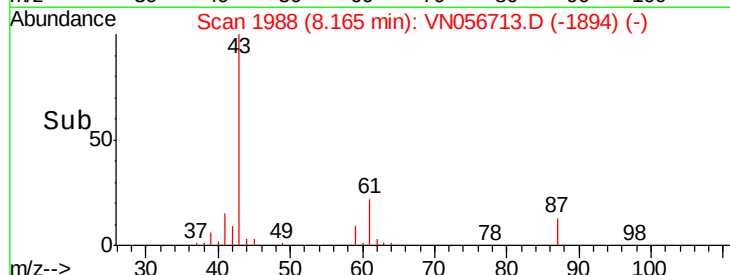
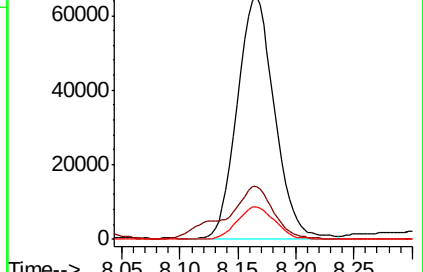
87 13.3 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VN056713.D (-1988) (-)

Ion 61.00 (60.70 to 61.70): VN056713.D (-1988) (-)

Ion 87.00 (86.70 to 87.70): VN056713.D (-1988) (-)



#44

Trichloroethene

Concen: 18.602 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN056713.D

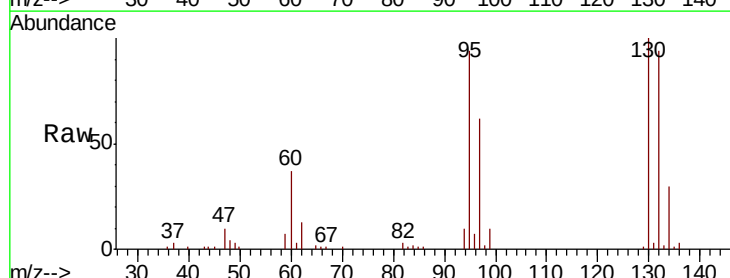
Acq: 15 Jul 2019 15:39

Tgt Ion:130 Resp: 73870

Ion Ratio Lower Upper

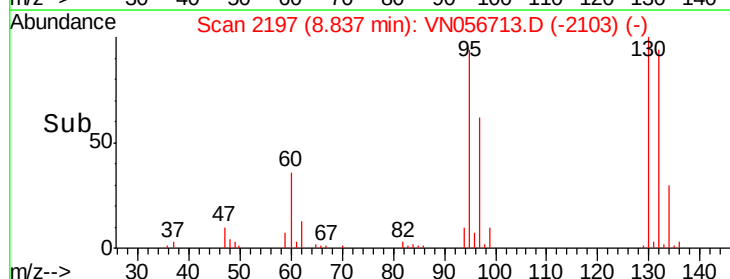
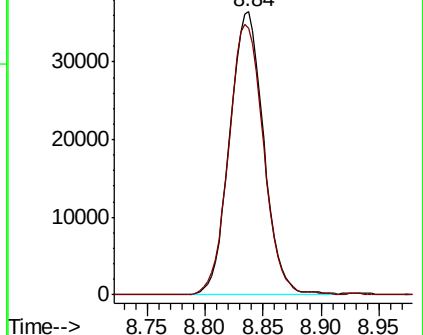
130 100

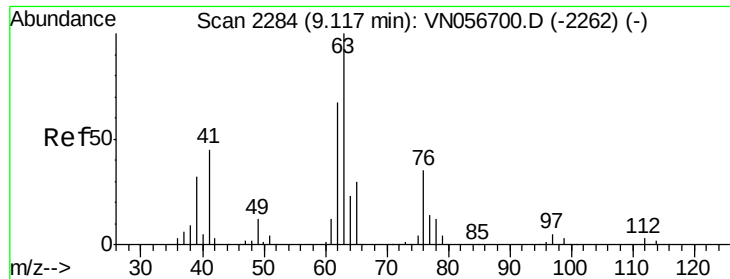
95 94.2 0.0 197.2



Abundance Ion 129.80 (129.50 to 130.50): VN056713.D (-2197) (-)

Ion 94.90 (94.60 to 95.60): VN056713.D (-2197) (-)

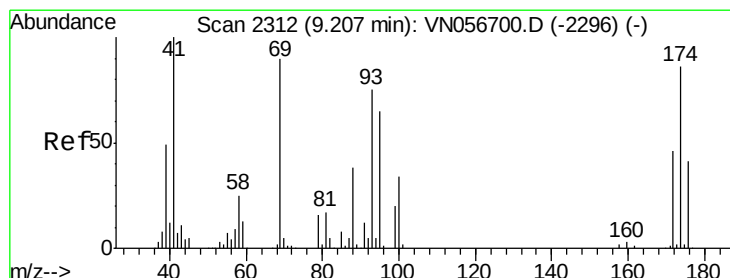
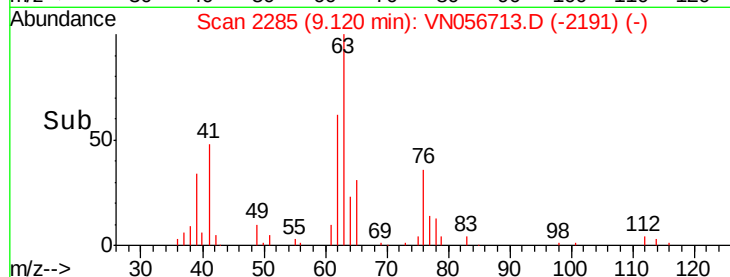
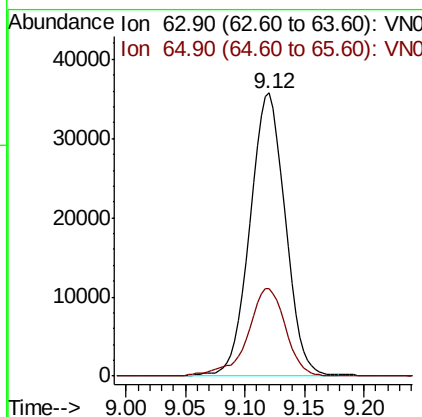
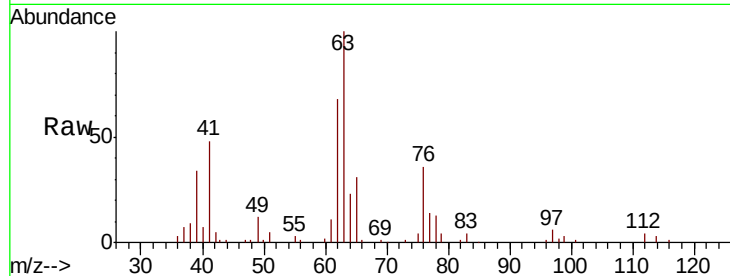




#45
 1,2-Dichloropropane
 Concen: 19.003 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN056713.D
 Acq: 15 Jul 2019 15:39

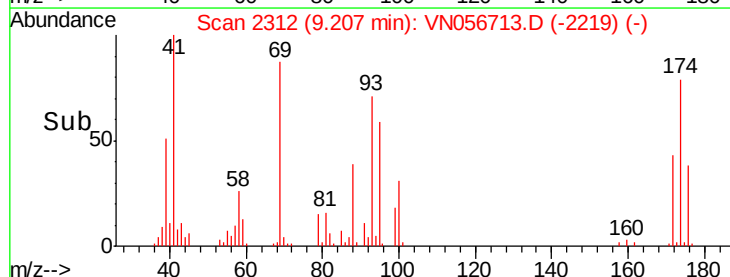
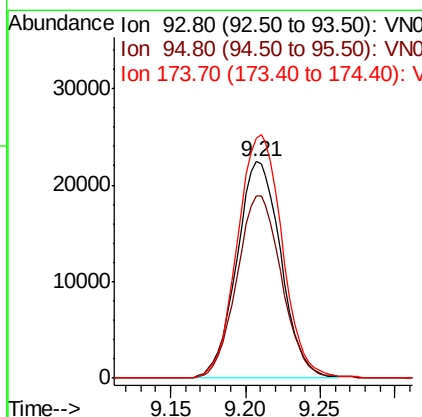
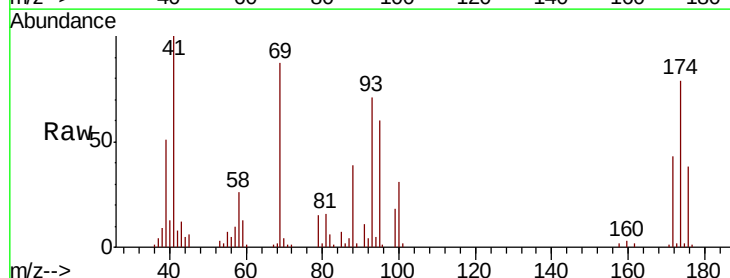
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0715WBS01

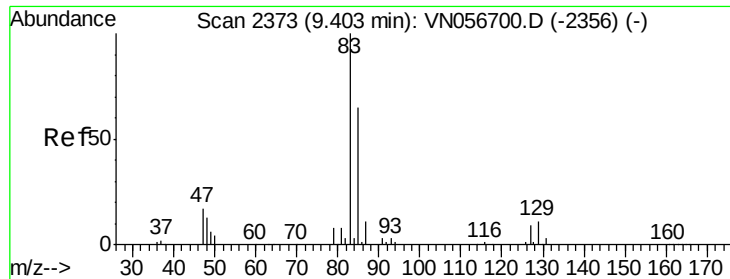
Tot Ion: 63 Resp: 73839
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.0 36.0



#46
 Dibromomethane
 Concen: 19.171 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN056713.D
 Acq: 15 Jul 2019 15:39

Tgt Ion: 93 Resp: 46163
 Ion Ratio Lower Upper
 93 100
 95 85.4 67.4 101.0
 174 113.9 90.3 135.5





#47

Bromodichloromethane

Concen: 18.790 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN056713.D

Acq: 15 Jul 2019 15:39

Instrument :

MSVOA_N

ClientSampleId :

VN0715WBS01

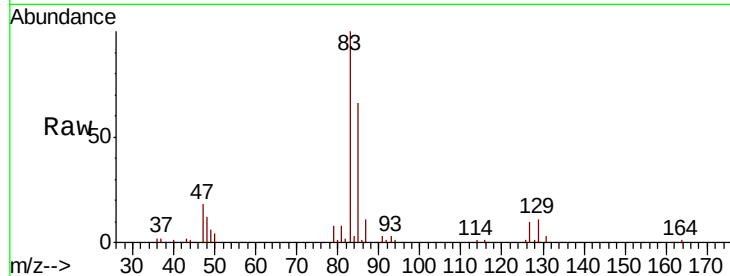
Tot Ion: 83 Resp: 85977

Ion Ratio Lower Upper

83 100

85 66.3 52.3 78.5

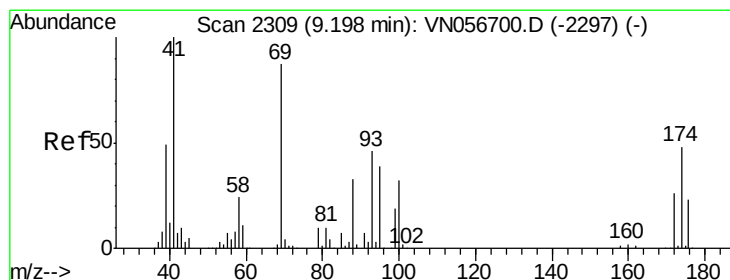
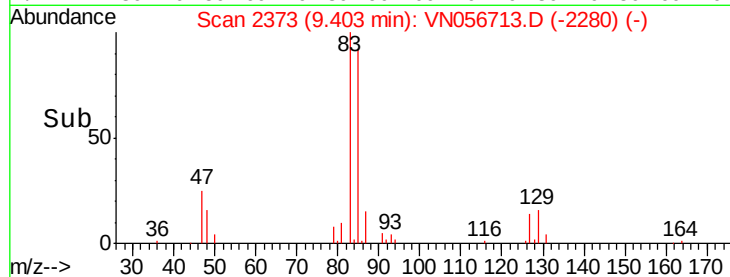
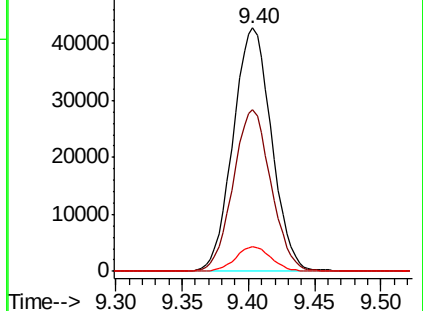
127 10.0 7.6 11.4



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.619 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056713.D

Acq: 15 Jul 2019 15:39

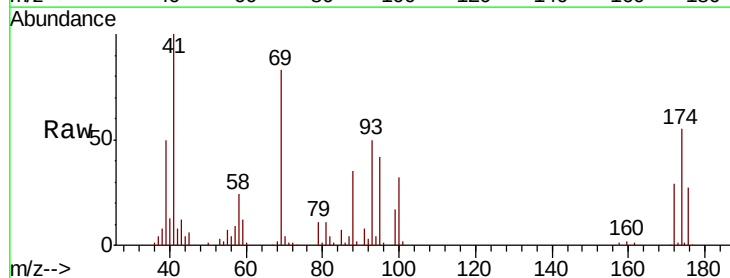
Tgt Ion: 41 Resp: 70161

Ion Ratio Lower Upper

41 100

69 87.5 71.4 107.0

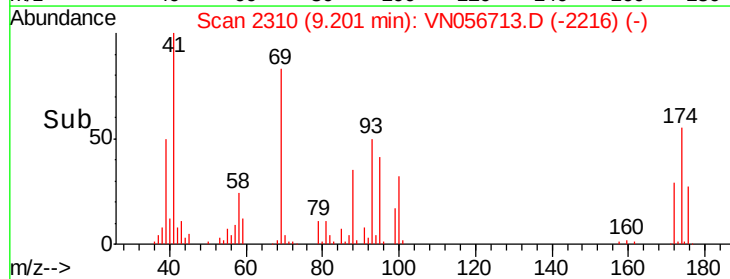
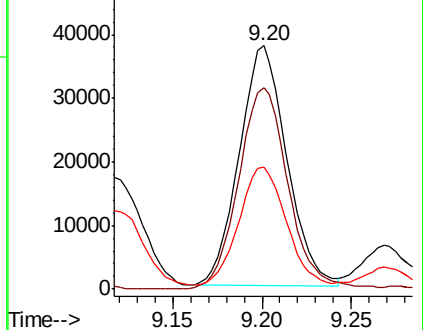
39 51.9 41.2 61.8

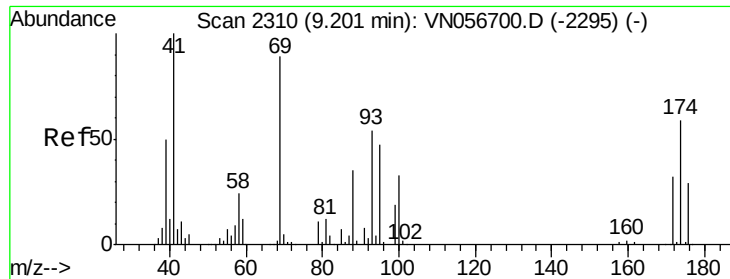


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 414.286 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

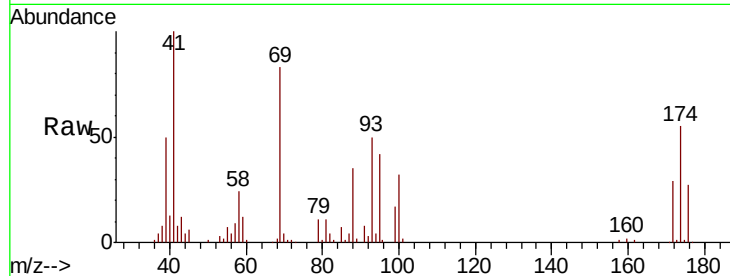
Lab File: VN056713.D

Acq: 15 Jul 2019 15:39

Instrument :
MSVOA_N
ClientSampleId :
VN0715WBS01

Tot Ion: 88 Resp: 30400

Ion	Ratio	Lower	Upper
88	100		
43	26.6	23.7	35.5
58	69.0	55.6	83.4

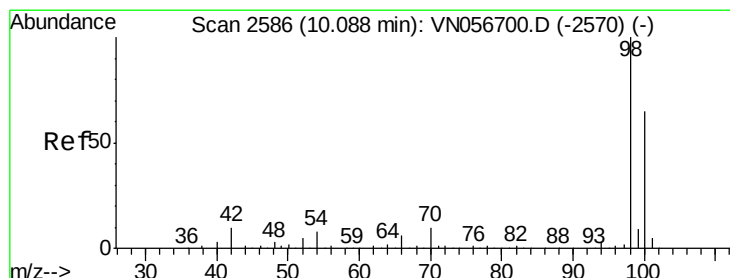
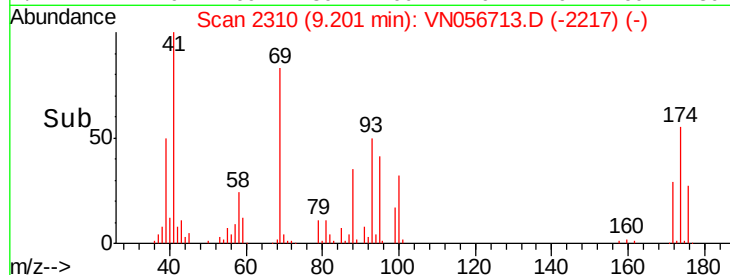
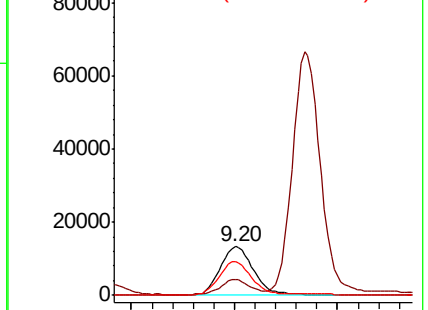


Abundance

Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 50.820 ug/l

RT: 10.09 min Scan# 2587

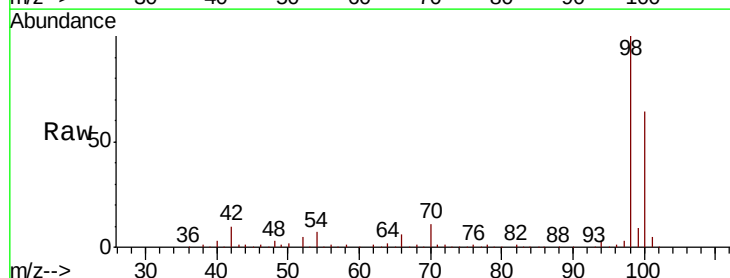
Delta R.T. 0.00 min

Lab File: VN056713.D

Acq: 15 Jul 2019 15:39

Tgt Ion: 98 Resp: 629971

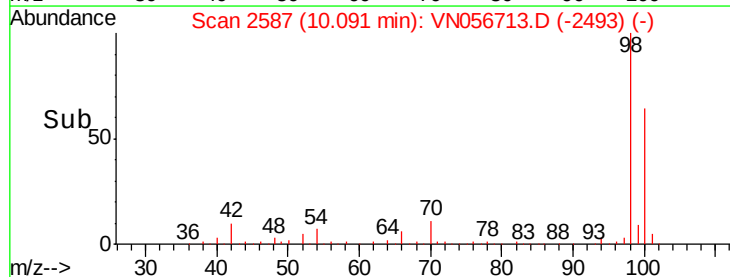
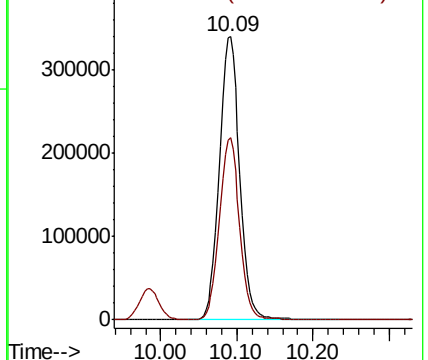
Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.0	78.0

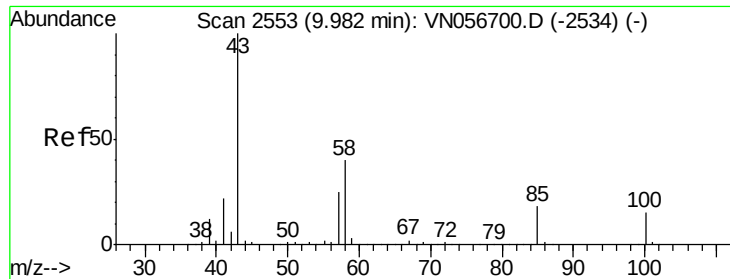


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 98.310 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN056713.D

Acq: 15 Jul 2019 15:39

Instrument :

MSVOA_N

ClientSampleId :

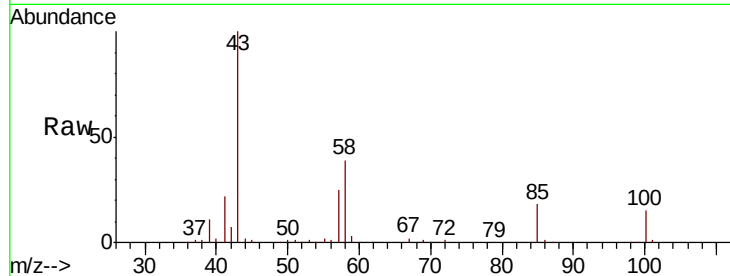
VN0715WBS01

Tot Ion: 43 Resp: 470850

Ion Ratio Lower Upper

43 100

58 39.5 32.0 48.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.98

250000

200000

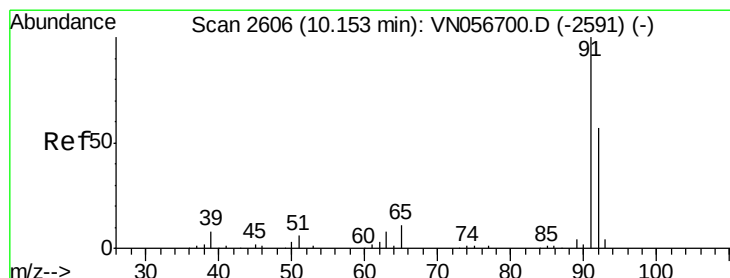
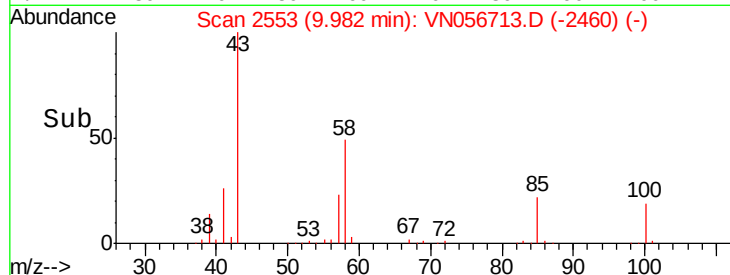
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.455 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056713.D

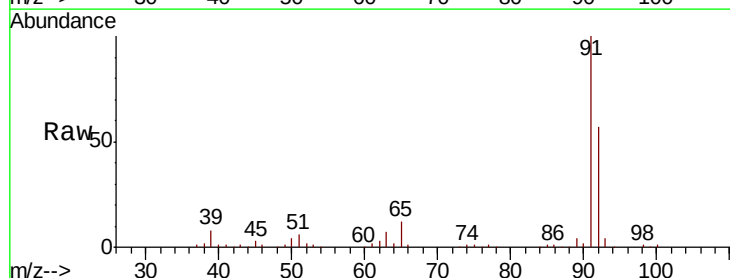
Acq: 15 Jul 2019 15:39

Tgt Ion: 92 Resp: 168958

Ion Ratio Lower Upper

92 100

91 176.0 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.16

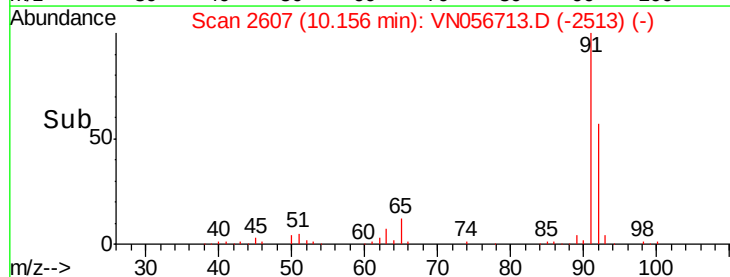
150000

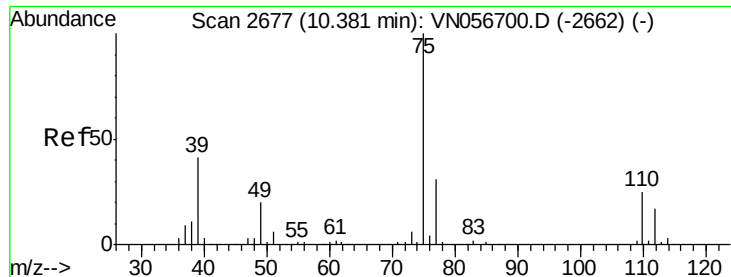
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.494 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN056713.D

Acq: 15 Jul 2019 15:39

Instrument :

MSVOA_N

ClientSampled :

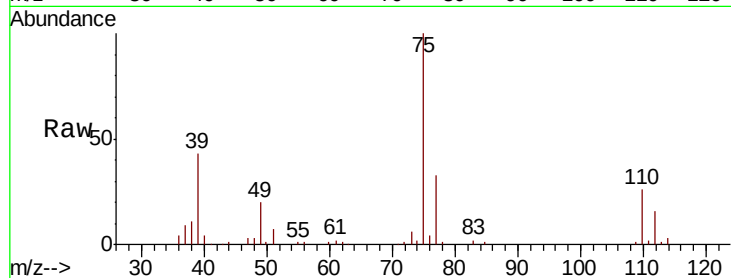
VN0715WBS01

Tot Ion: 75 Resp: 88287

Ion Ratio Lower Upper

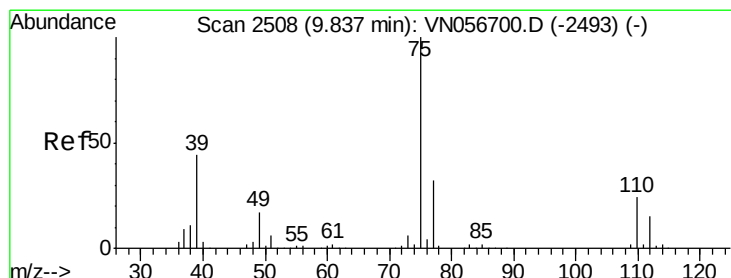
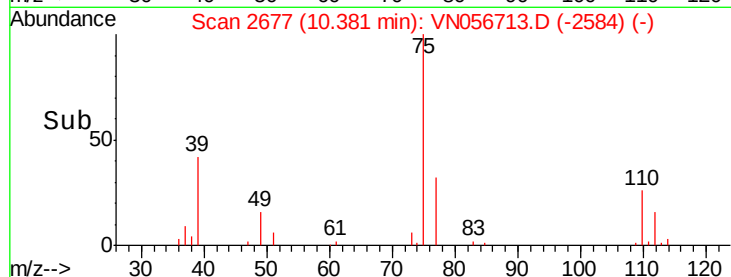
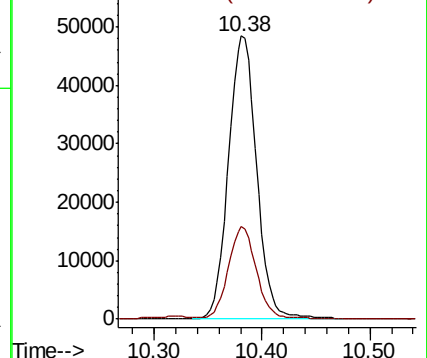
75 100

77 32.6 25.0 37.6



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: 18.549 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN056713.D

Acq: 15 Jul 2019 15:39

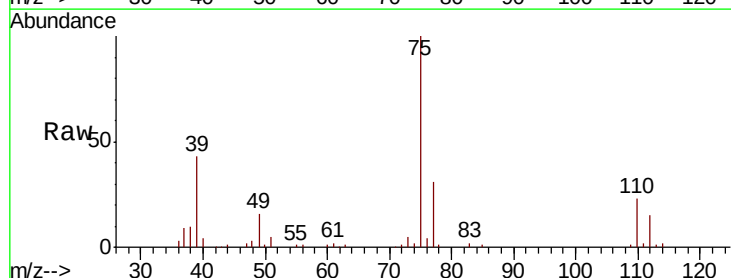
Tgt Ion: 75 Resp: 102758

Ion Ratio Lower Upper

75 100

77 31.3 26.0 39.0

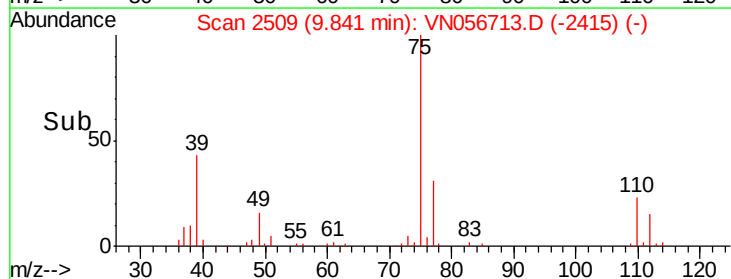
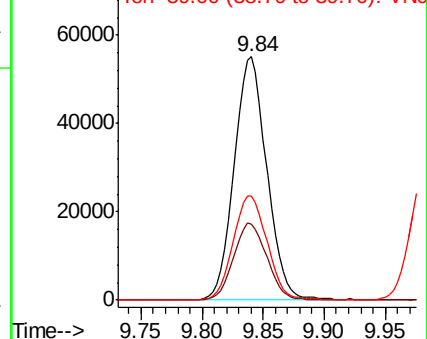
39 42.9 35.1 52.7

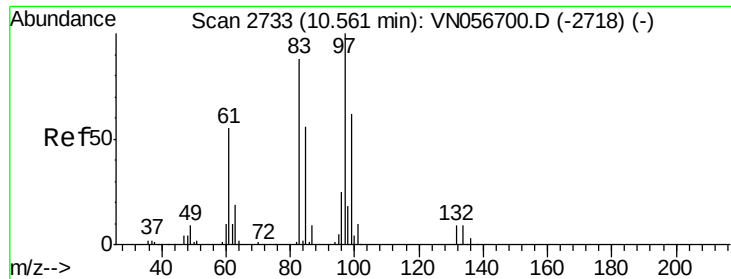


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 19.331 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN056713.D

Acq: 15 Jul 2019 15:39

Instrument :

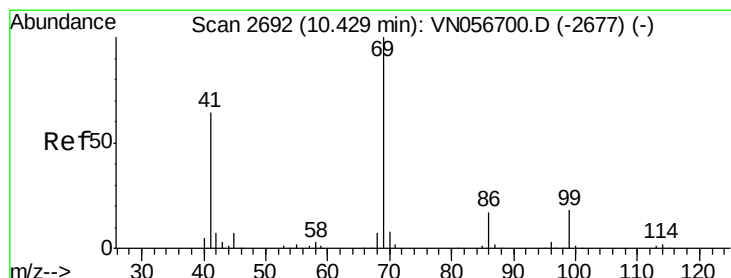
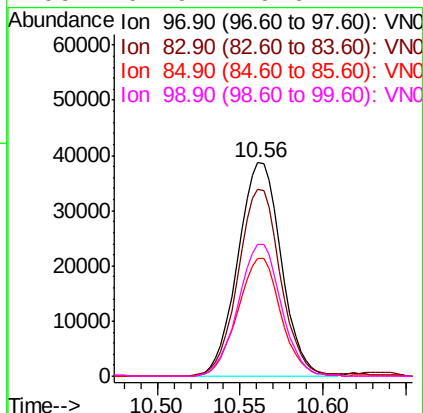
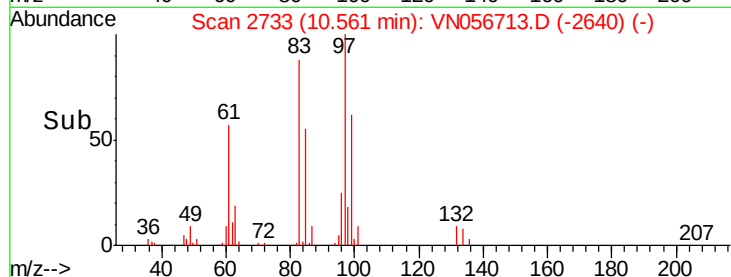
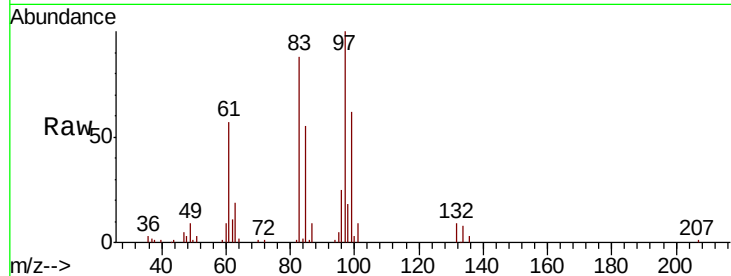
MSVOA_N

ClientSampleId :

VN0715WBS01

Tot Ion: 97 Resp: 70413

Ion	Ratio	Lower	Upper
97	100		
83	87.8	70.3	105.5
85	55.0	44.8	67.2
99	61.9	49.6	74.4



#56

Ethyl methacrylate

Concen: 19.291 ug/l

RT: 10.43 min Scan# 2692

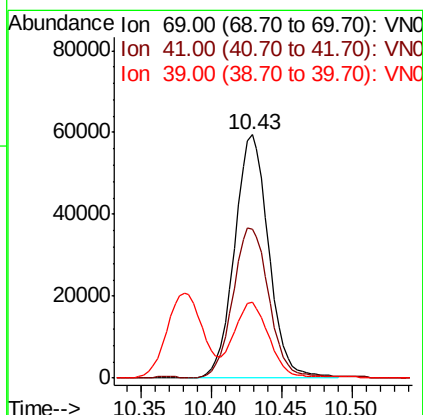
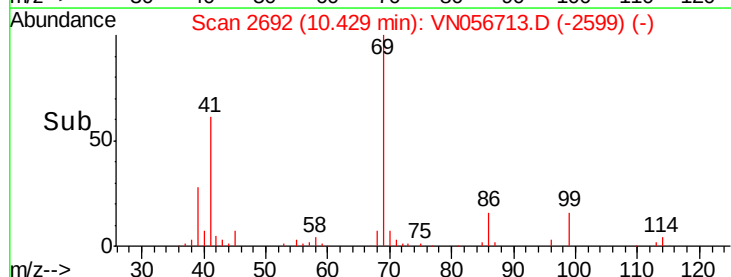
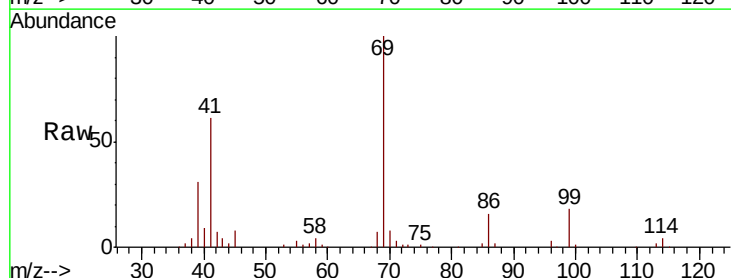
Delta R.T. -0.00 min

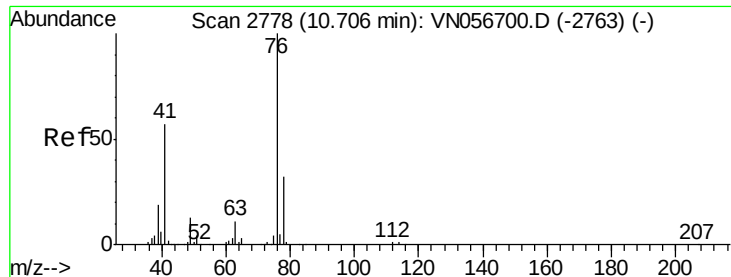
Lab File: VN056713.D

Acq: 15 Jul 2019 15:39

Tgt Ion: 69 Resp: 101107

Ion	Ratio	Lower	Upper
69	100		
41	64.2	51.0	76.4
39	30.6	24.6	36.8





#57

1,3-Dichloropropane

Concen: 19.483 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN056713.D

Acq: 15 Jul 2019 15:39

Instrument :

MSVOA_N

ClientSampleId :

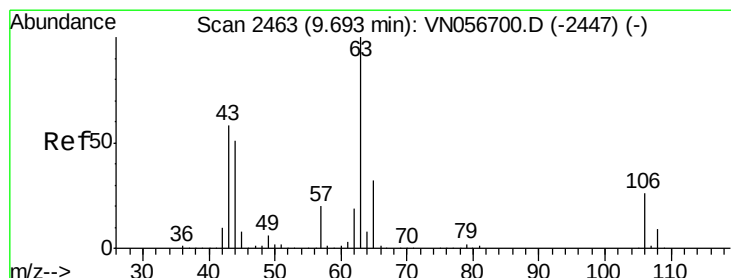
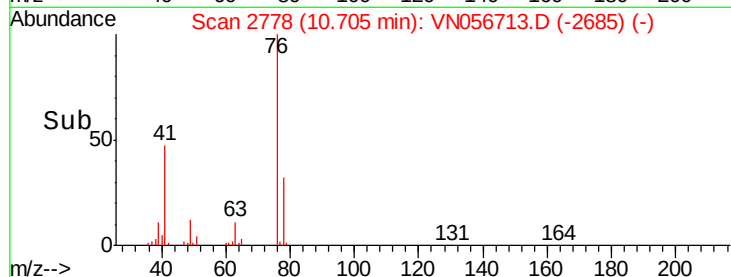
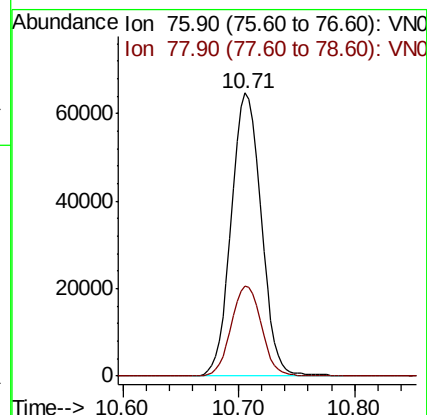
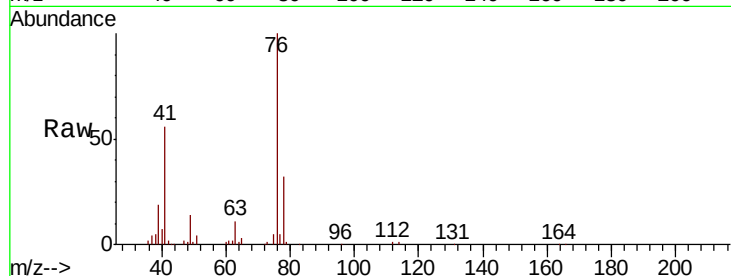
VN0715WBS01

Tot Ion: 76 Resp: 115906

Ion Ratio Lower Upper

76 100

78 32.0 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 95.957 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN056713.D

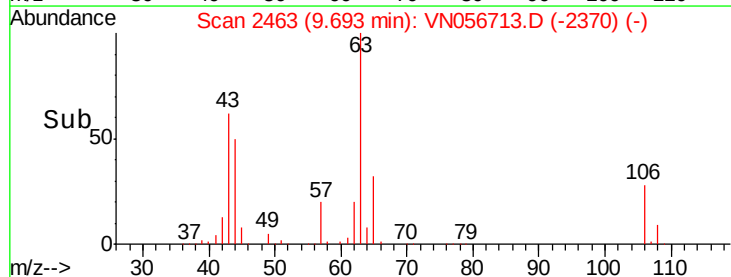
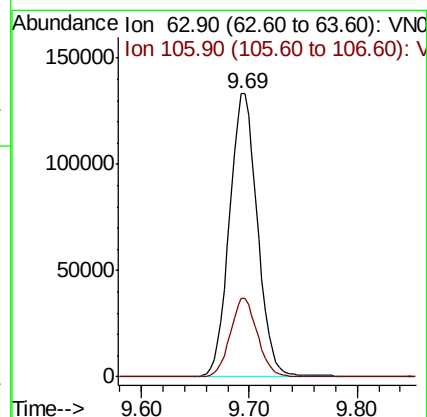
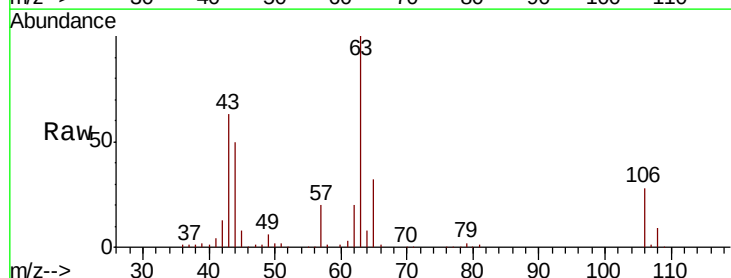
Acq: 15 Jul 2019 15:39

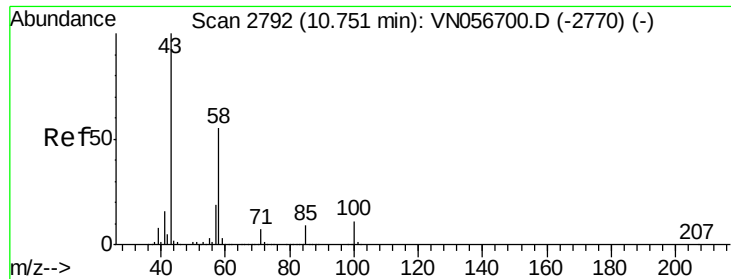
Tgt Ion: 63 Resp: 241838

Ion Ratio Lower Upper

63 100

106 27.1 21.2 31.8

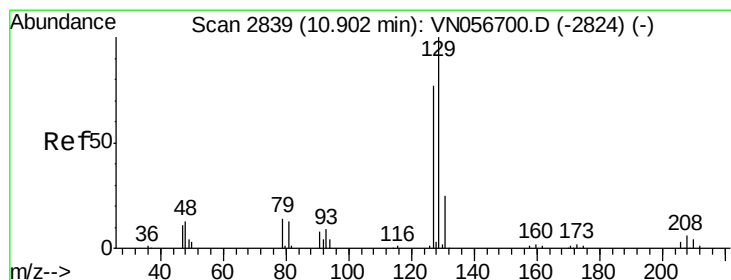
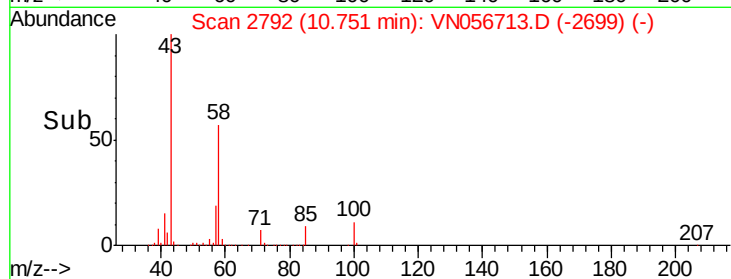
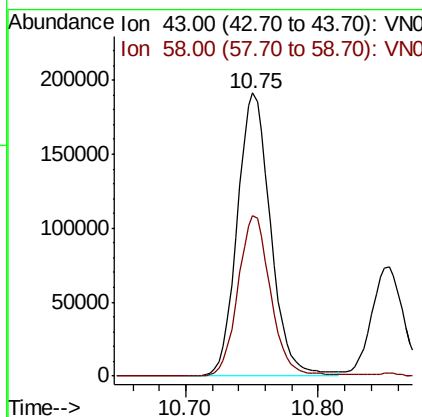
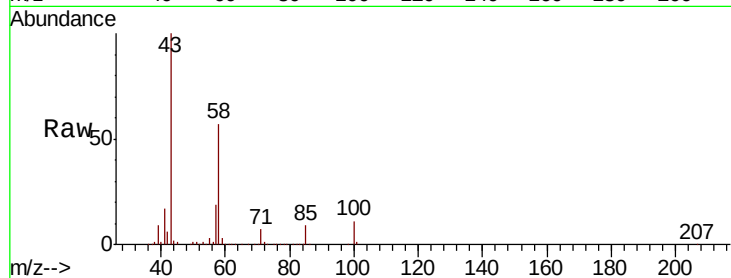




#59
2-Hexanone
Concen: 96.855 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN056713.D
Acq: 15 Jul 2019 15:39

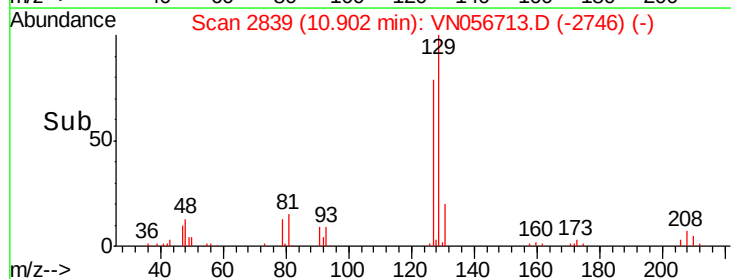
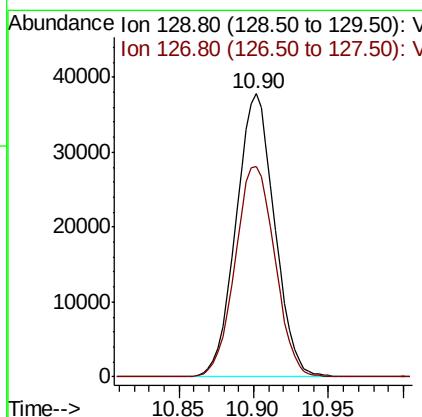
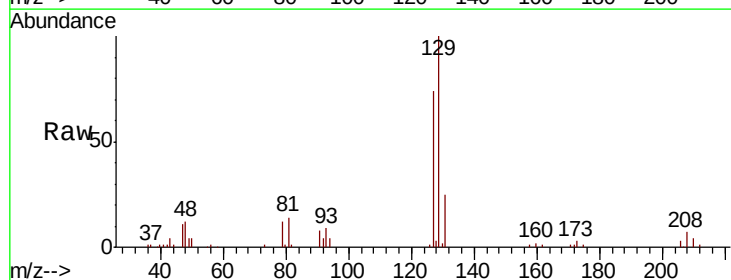
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBS01

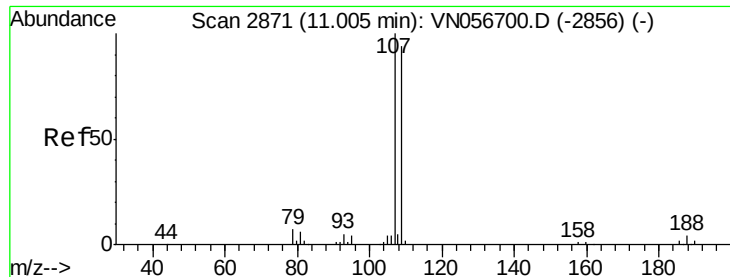
Tot Ion: 43 Resp: 332852
Ion Ratio Lower Upper
43 100
58 55.9 27.9 83.6



#60
Dibromochloromethane
Concen: 18.885 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN056713.D
Acq: 15 Jul 2019 15:39

Tgt Ion: 129 Resp: 67654
Ion Ratio Lower Upper
129 100
127 76.8 38.2 114.6

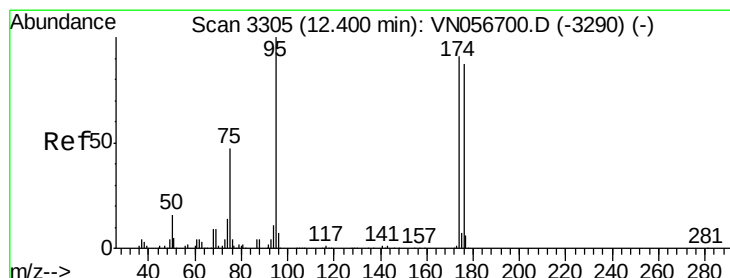
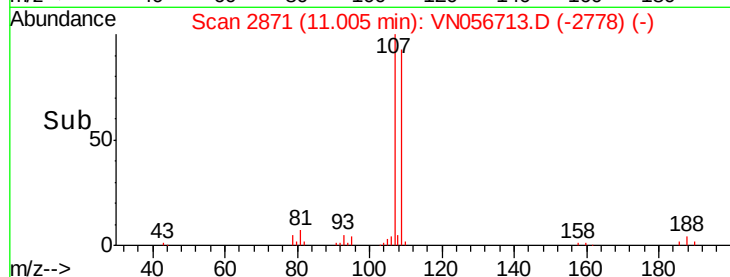
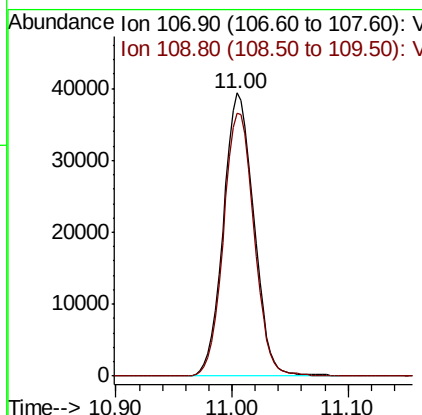
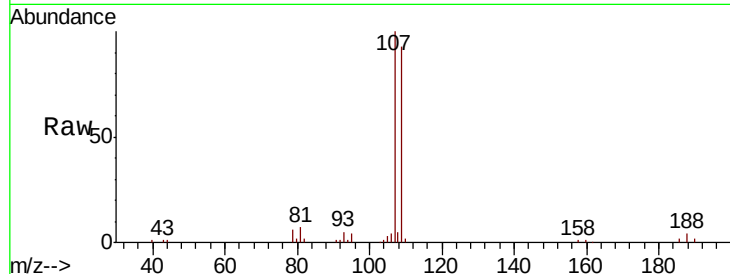




#61
 1,2-Dibromoethane
 Concen: 19.879 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN056713.D
 Acq: 15 Jul 2019 15:39

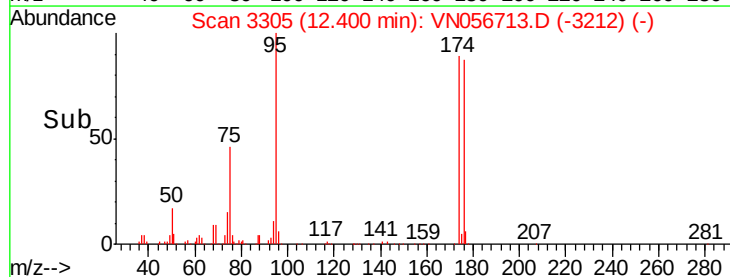
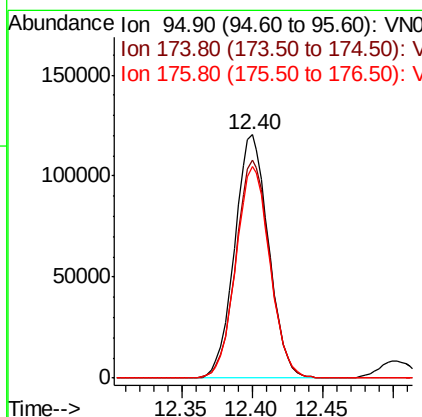
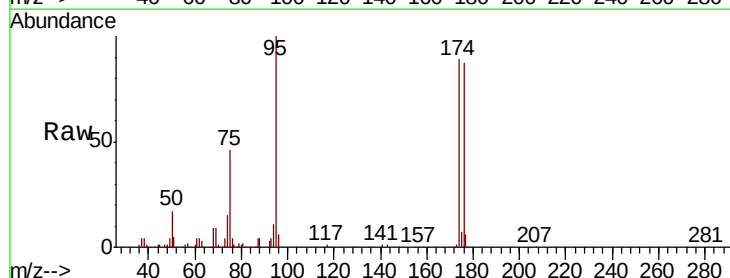
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0715WBS01

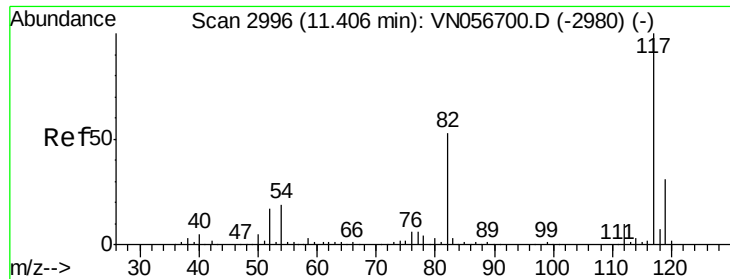
Tot Ion:107 Resp: 71963
 Ion Ratio Lower Upper
 107 100
 109 93.1 76.2 114.4



#62
 4-Bromofluorobenzene
 Concen: 48.527 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN056713.D
 Acq: 15 Jul 2019 15:39

Tgt Ion: 95 Resp: 202861
 Ion Ratio Lower Upper
 95 100
 174 89.6 0.0 180.0
 176 87.3 0.0 173.2

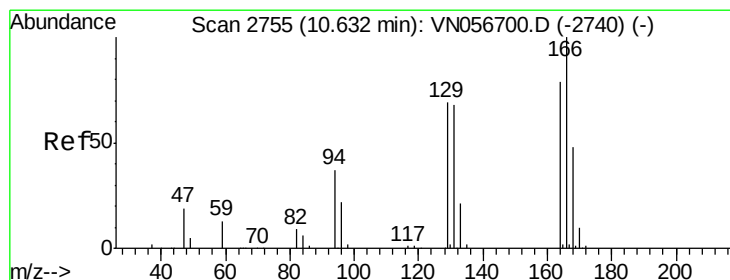
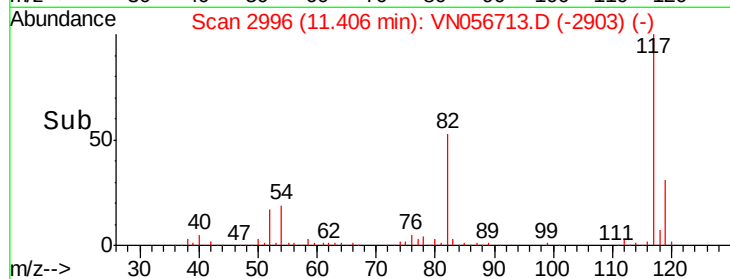
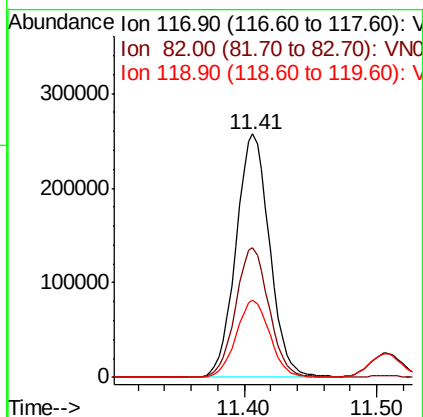
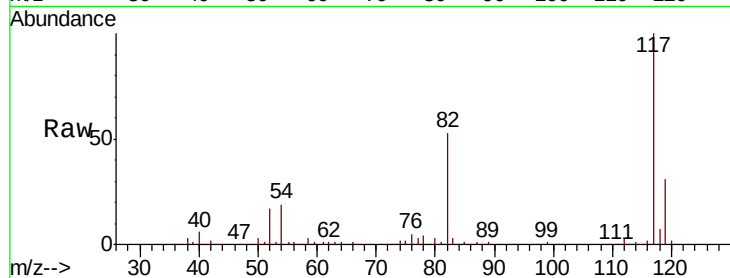




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056713.D
Acq: 15 Jul 2019 15:39

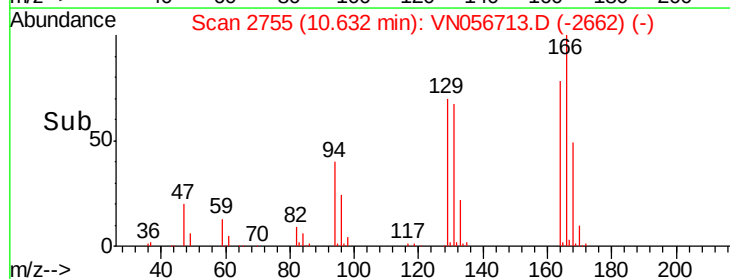
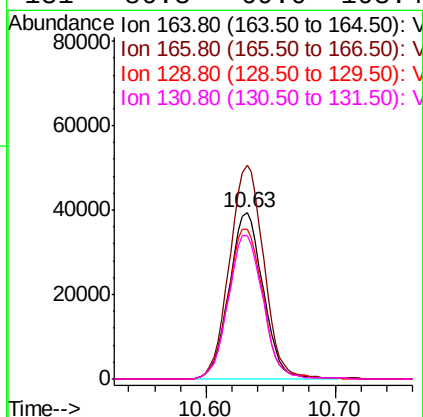
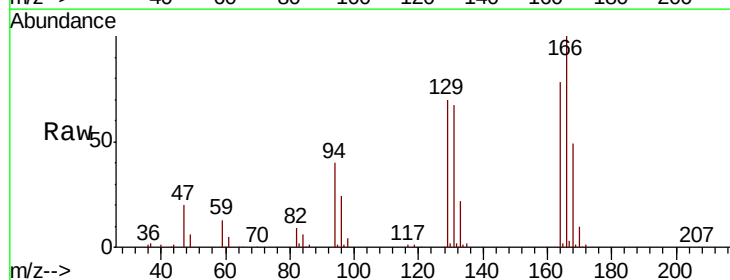
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBS01

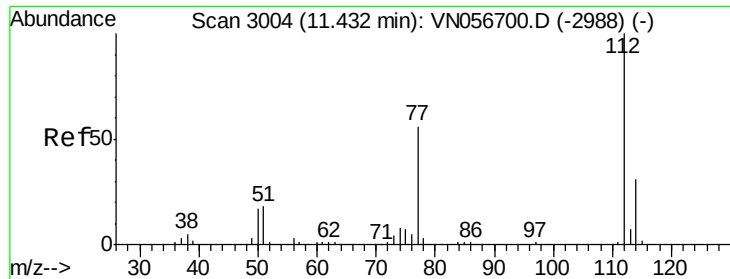
Tot Ion:117 Resp: 452566
Ion Ratio Lower Upper
117 100
82 53.4 42.2 63.2
119 31.5 25.2 37.8



#64
Tetrachloroethene
Concen: 18.489 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN056713.D
Acq: 15 Jul 2019 15:39

Tgt Ion:164 Resp: 72190
Ion Ratio Lower Upper
164 100
166 128.8 101.4 152.2
129 90.4 69.6 104.4
131 86.3 69.0 103.4

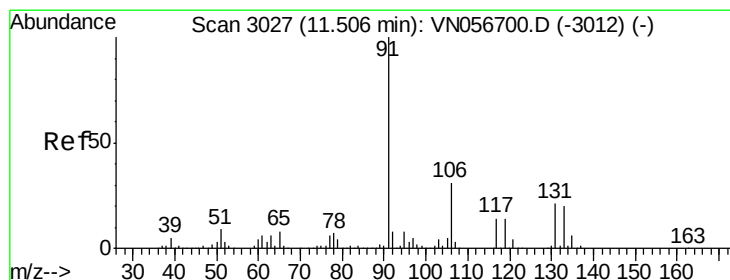
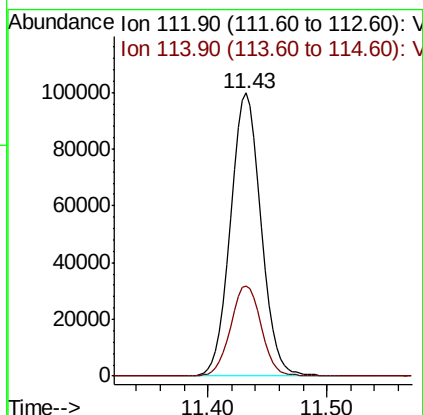
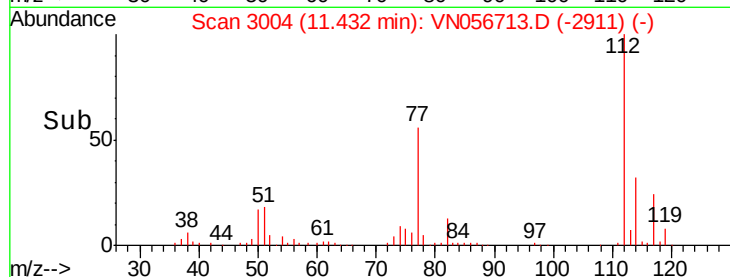
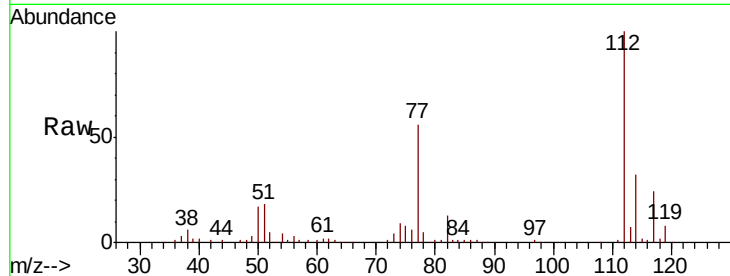




#65
Chlorobenzene
Concen: 19.154 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN056713.D
Acq: 15 Jul 2019 15:39

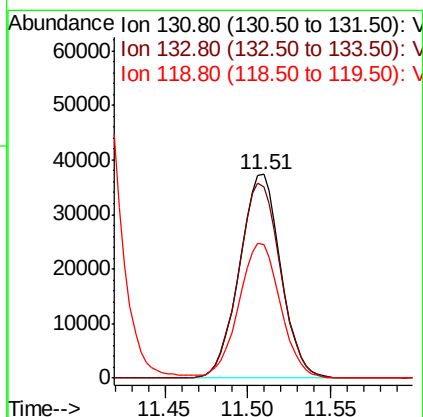
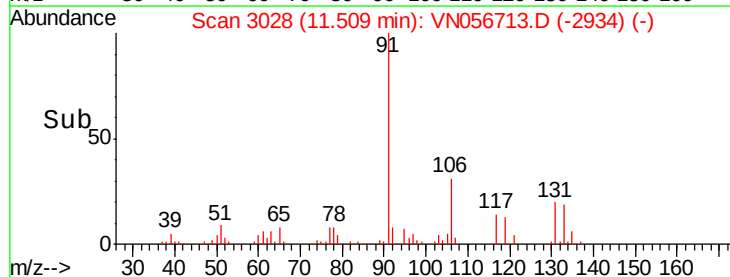
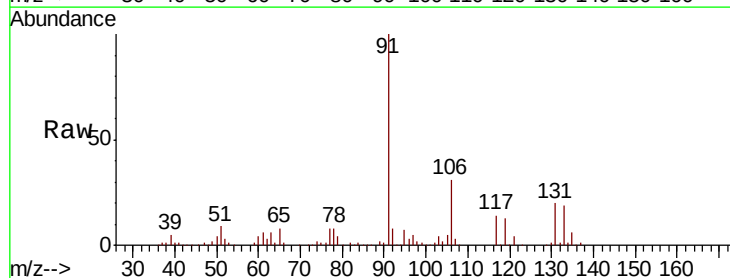
Instrument :
MSVOA_N
ClientSampled :
VN0715WBS01

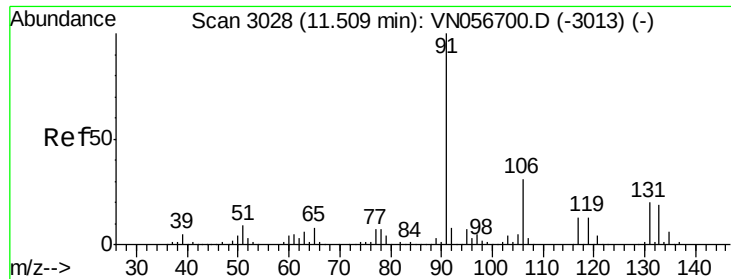
Tot Ion:112 Resp: 177244
Ion Ratio Lower Upper
112 100
114 32.0 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 18.949 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056713.D
Acq: 15 Jul 2019 15:39

Tgt Ion:131 Resp: 64562
Ion Ratio Lower Upper
131 100
133 97.3 46.9 140.7
119 67.1 32.8 98.3

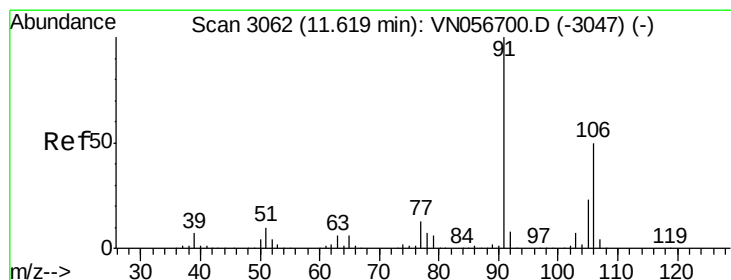
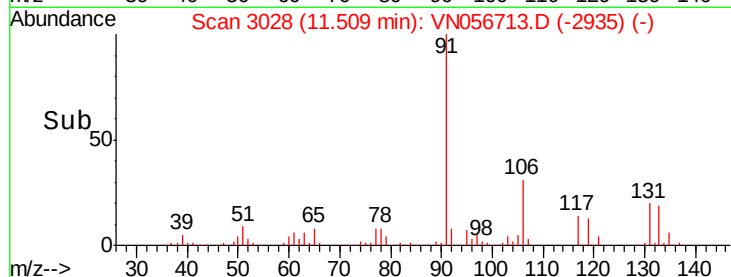
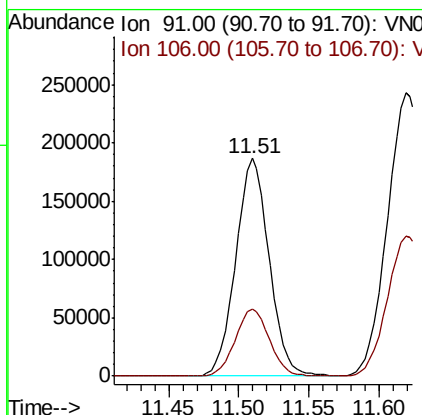
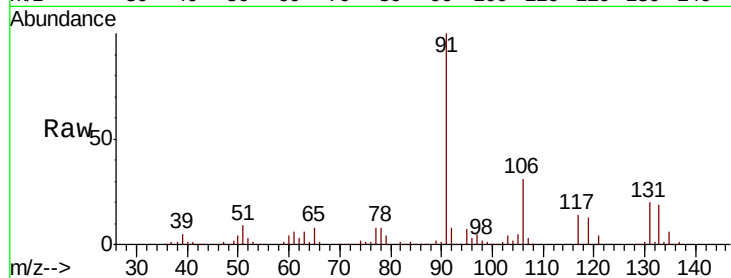




#67
Ethyl Benzene
Concen: 19.077 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN056713.D
Acq: 15 Jul 2019 15:39

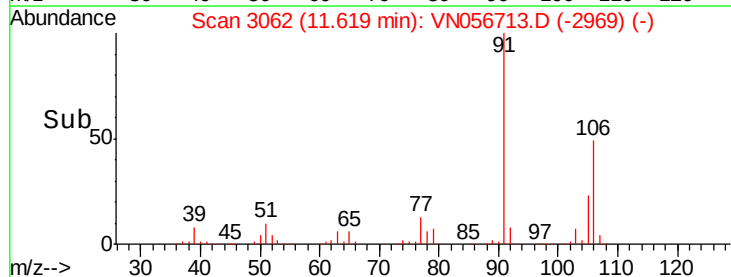
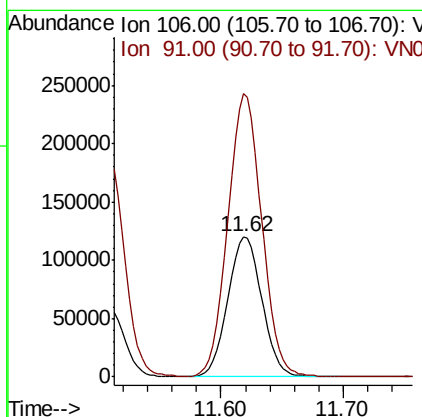
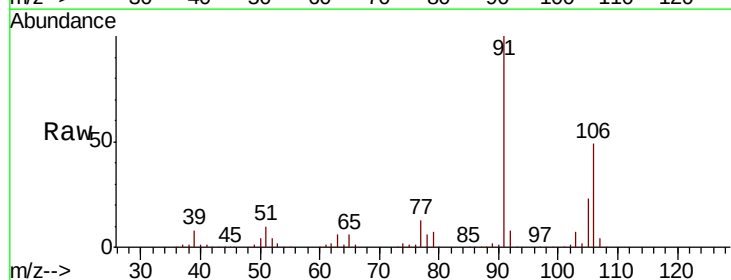
Instrument :
MSVOA_N
ClientSampled :
VN0715WBS01

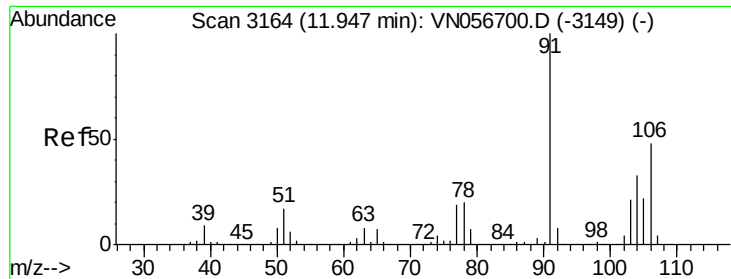
Tot Ion: 91 Resp: 310236
Ion Ratio Lower Upper
91 100
106 31.1 24.8 37.2



#68
m/p-Xylenes
Concen: 38.525 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN056713.D
Acq: 15 Jul 2019 15:39

Tgt Ion: 106 Resp: 234146
Ion Ratio Lower Upper
106 100
91 201.0 160.5 240.7

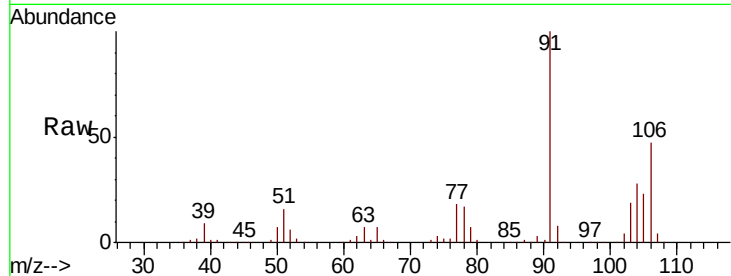




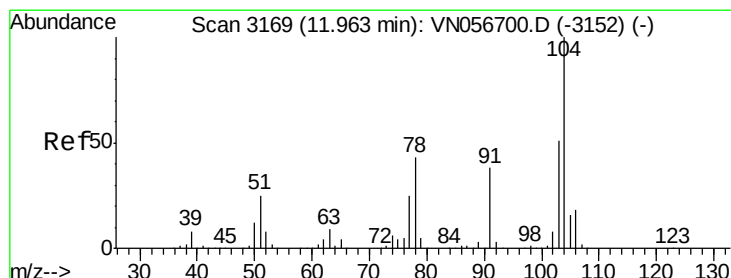
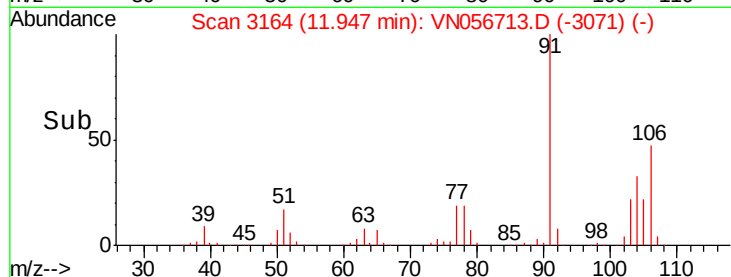
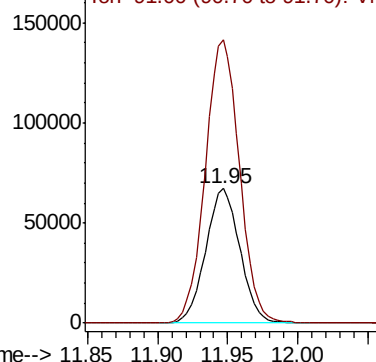
#69
o-Xylene
Concen: 19.119 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN056713.D
Acq: 15 Jul 2019 15:39

Instrument :
MSVOA_N
ClientSampleId :
VN0715WBS01

Tot Ion:106 Resp: 114237
Ion Ratio Lower Upper
106 100
91 210.6 105.6 316.8

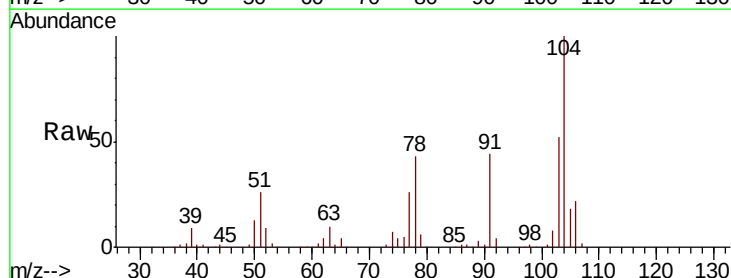


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

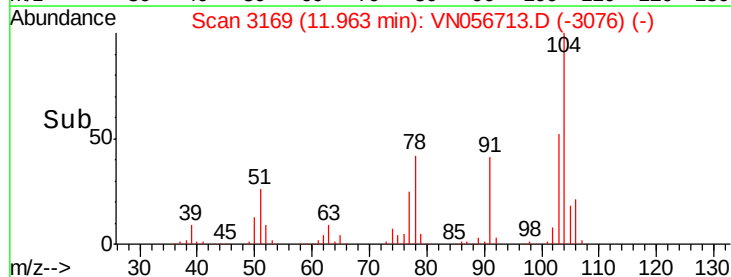
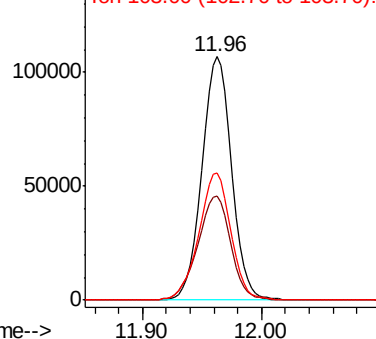


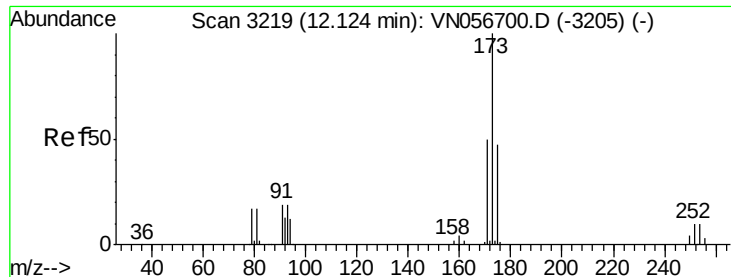
#70
Styrene
Concen: 19.147 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN056713.D
Acq: 15 Jul 2019 15:39

Tgt Ion:104 Resp: 184964
Ion Ratio Lower Upper
104 100
78 47.5 38.6 57.8
103 56.2 44.2 66.4



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

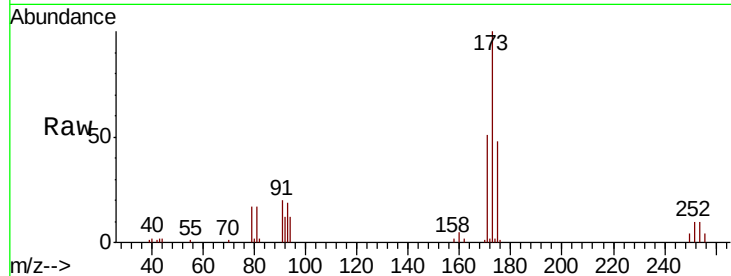




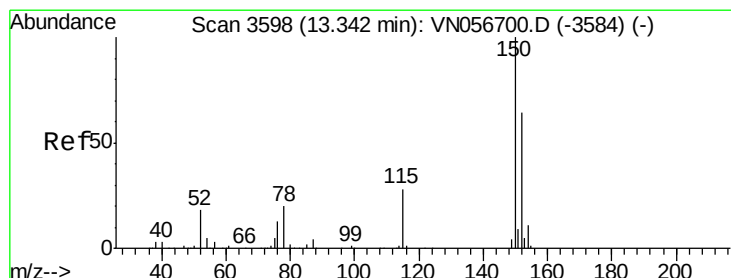
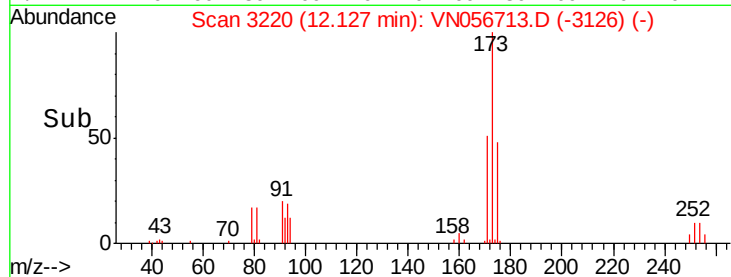
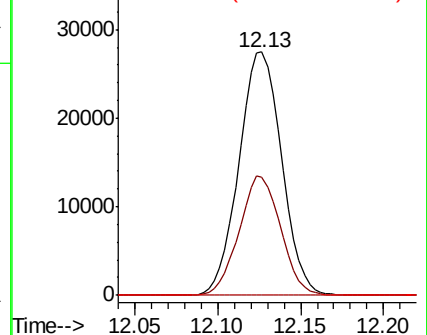
#71
Bromoform
Concen: 19.019 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056713.D
Acq: 15 Jul 2019 15:39

Instrument :
MSVOA_N
ClientSampleId :
VN0715WBS01

Tot Ion:173 Resp: 49305
Ion Ratio Lower Upper
173 100
175 47.6 23.8 71.4
254 0.0 0.0 0.0

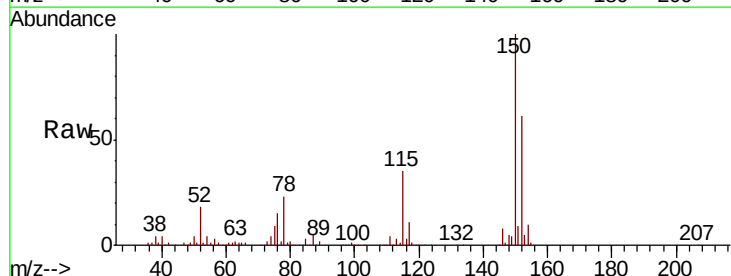


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

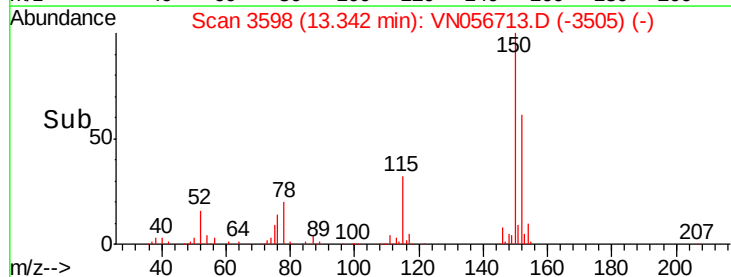
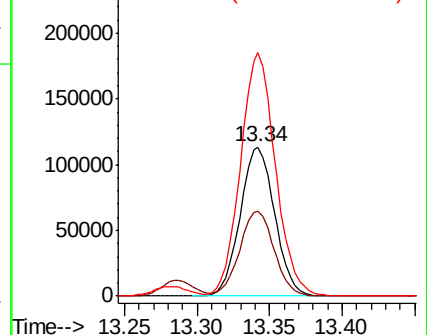


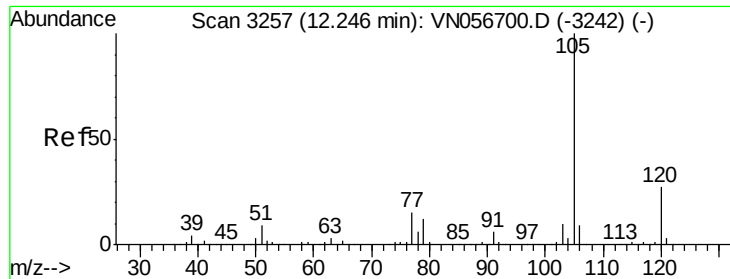
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056713.D
Acq: 15 Jul 2019 15:39

Tgt Ion:152 Resp: 186972
Ion Ratio Lower Upper
152 100
115 56.8 28.2 84.7
150 165.2 0.0 345.8



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





#73

Isopropylbenzene

Concen: 19.794 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN056713.D

Acq: 15 Jul 2019 15:39

Instrument :

MSVOA_N

ClientSampleId :

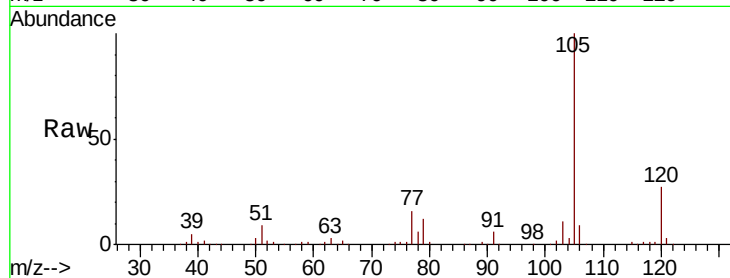
VN0715WBS01

Tot Ion:105 Resp: 298408

Ion Ratio Lower Upper

105 100

120 27.1 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

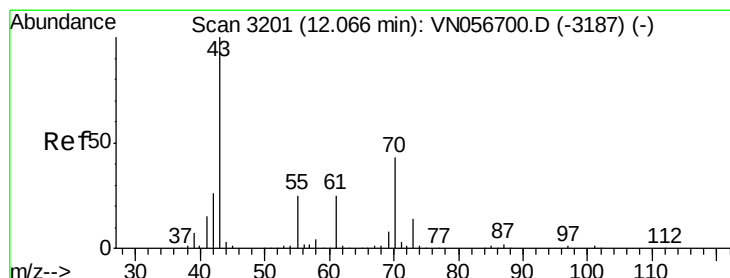
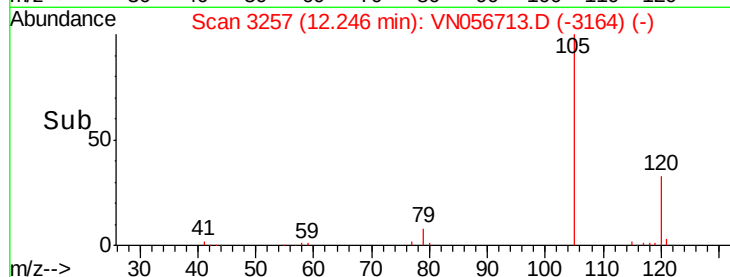
150000

100000

50000

0

Time--> 12.15 12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 19.373 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN056713.D

Acq: 15 Jul 2019 15:39

Tgt Ion: 43 Resp: 108773

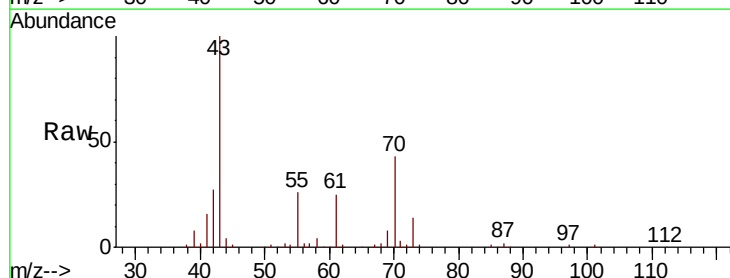
Ion Ratio Lower Upper

43 100

70 43.4 34.5 51.7

55 25.8 20.2 30.2

61 25.0 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.07

100000

80000

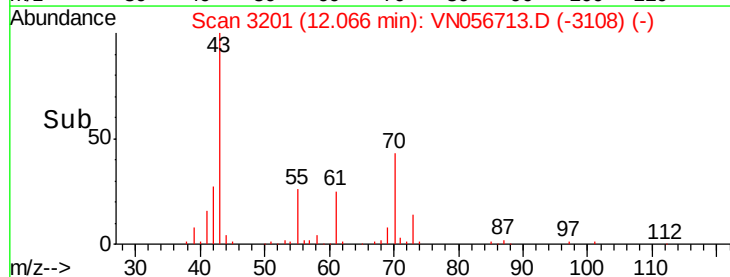
60000

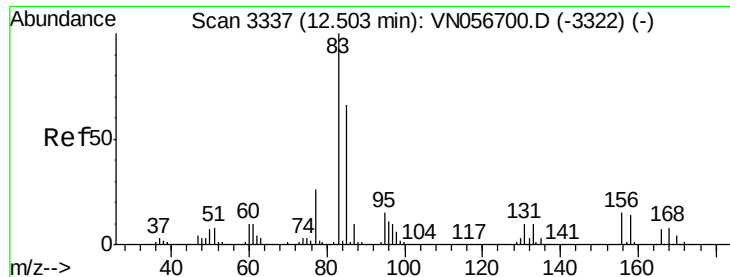
40000

20000

0

Time--> 12.00 12.10 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 21.357 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056713.D

Acq: 15 Jul 2019 15:39

Instrument :

MSVOA_N

ClientSampleId :

VN0715WBS01

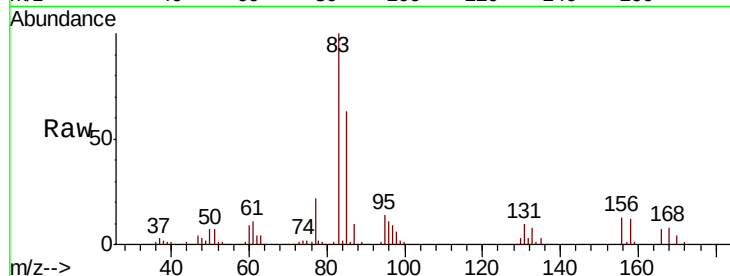
Tot Ion: 83 Resp: 98094

Ion Ratio Lower Upper

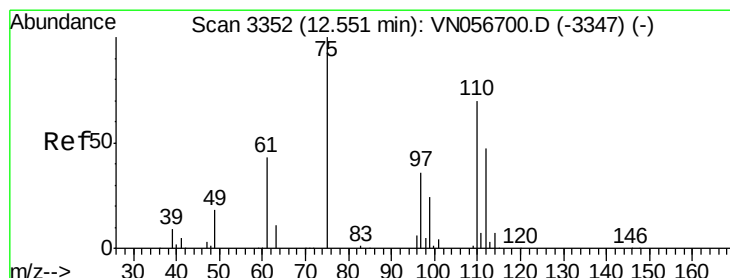
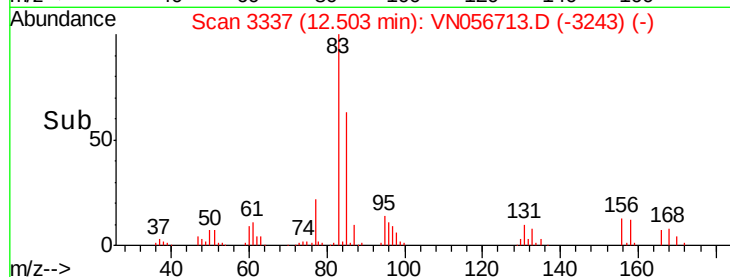
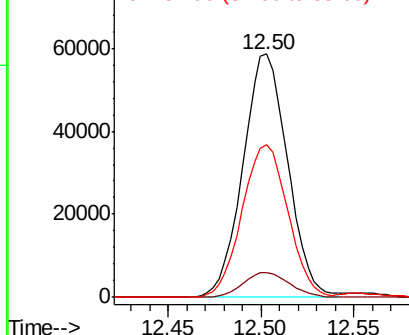
83 100

131 10.5 5.3 15.8

85 64.5 32.6 97.8



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



#76

1,2,3-Trichloropropane

Concen: 28.342 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VN056713.D

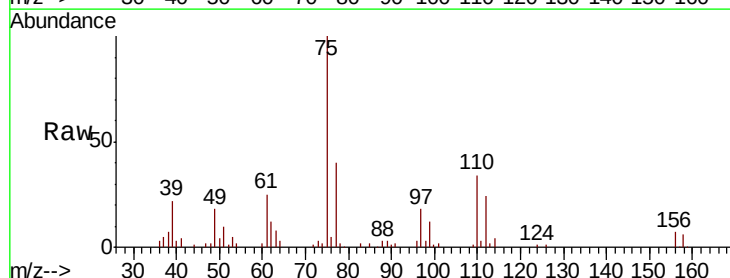
Acq: 15 Jul 2019 15:39

Tgt Ion: 75 Resp: 115902

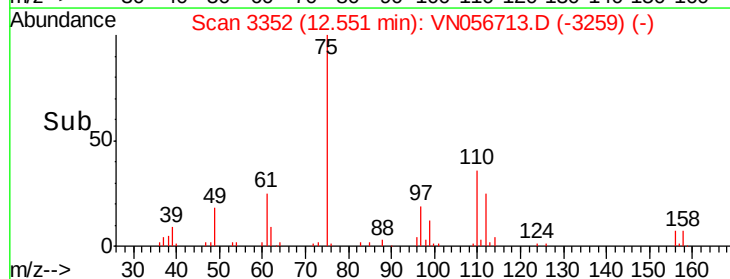
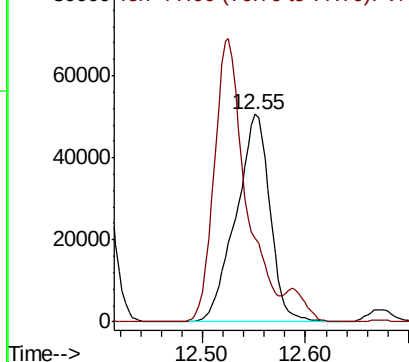
Ion Ratio Lower Upper

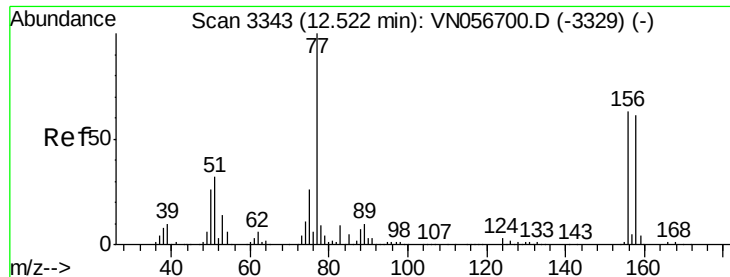
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 19.571 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056713.D

Acq: 15 Jul 2019 15:39

Instrument :

MSVOA_N

ClientSampled :

VN0715WBS01

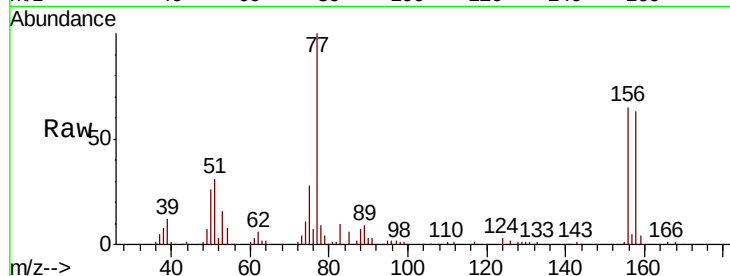
Tot Ion:156 Resp: 77174

Ion Ratio Lower Upper

156 100

77 190.9 97.2 291.6

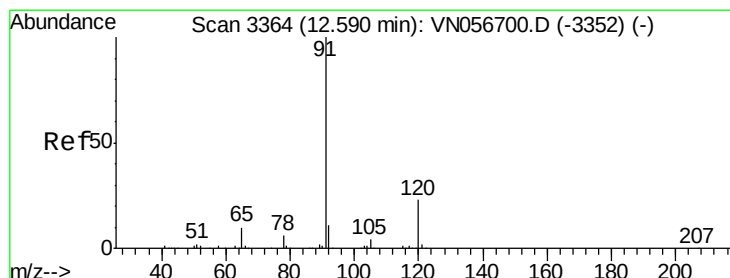
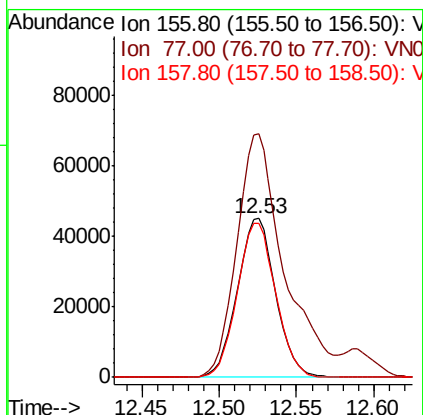
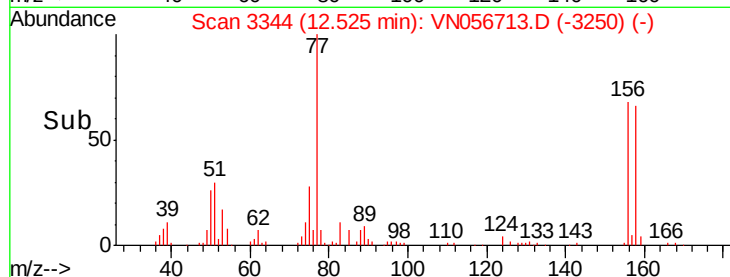
158 97.5 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.295 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN056713.D

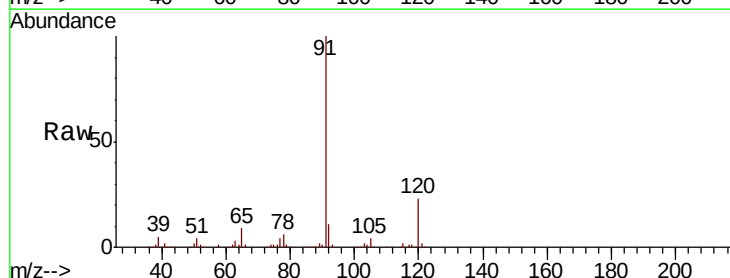
Acq: 15 Jul 2019 15:39

Tgt Ion: 91 Resp: 322931

Ion Ratio Lower Upper

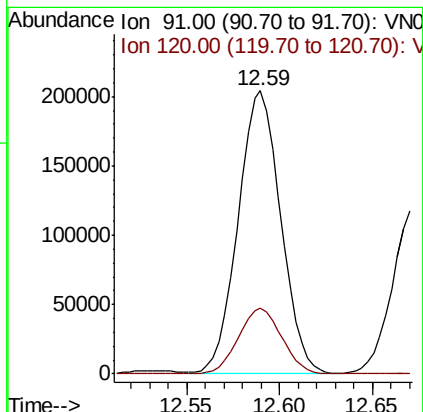
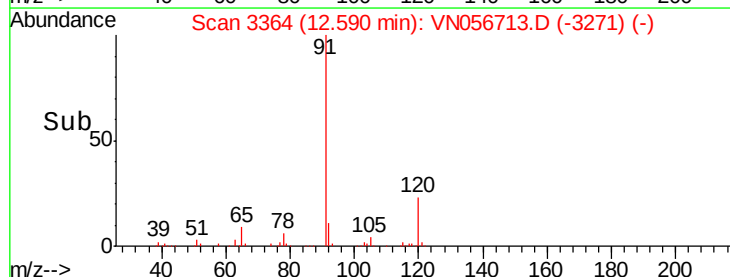
91 100

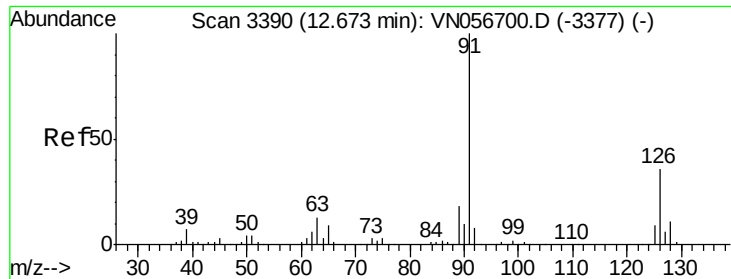
120 23.7 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

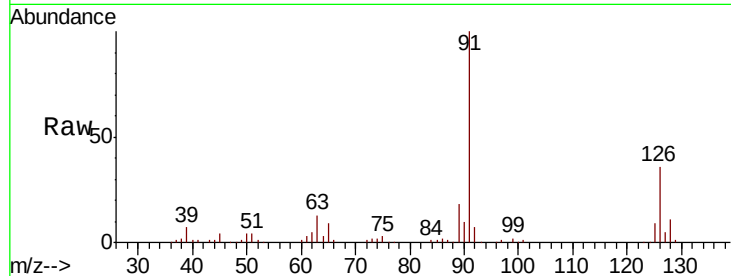




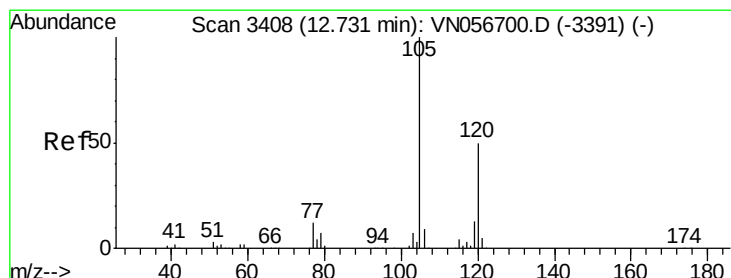
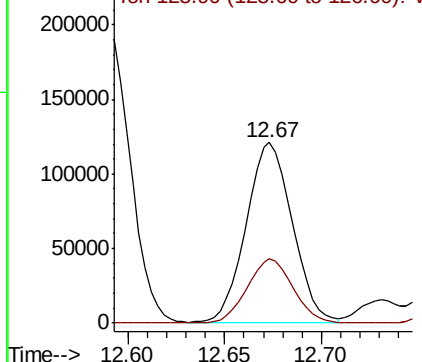
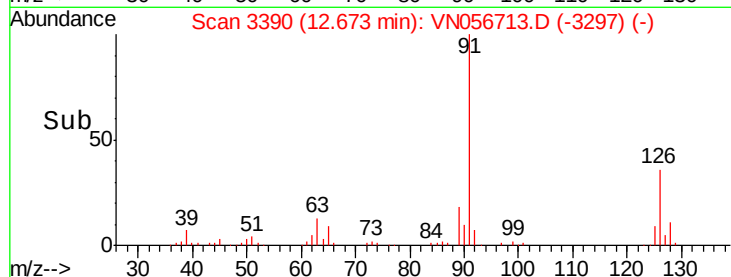
#79
 2-Chlorotoluene
 Concen: 20.657 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN056713.D
 Acq: 15 Jul 2019 15:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0715WBS01

Tot Ion: 91 Resp: 199959
 Ion Ratio Lower Upper
 91 100
 126 35.7 17.9 53.7

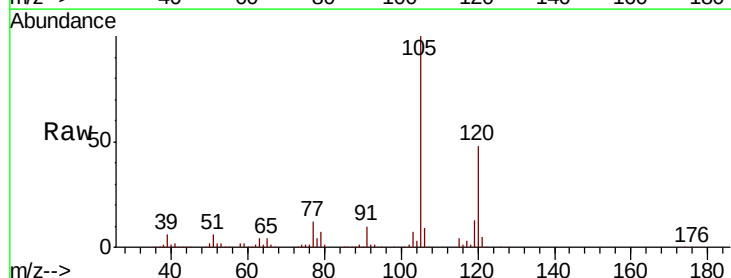


Abundance Ion 91.00 (90.70 to 91.70): VN056713.D (-3297) (-)
 Ion 125.90 (125.60 to 126.60): VN056713.D (-3297) (-)

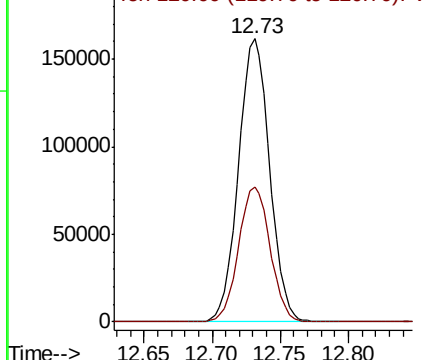
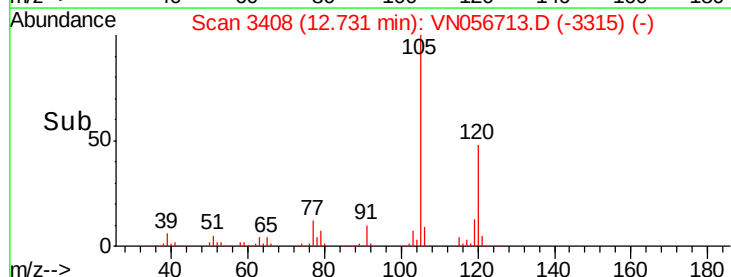


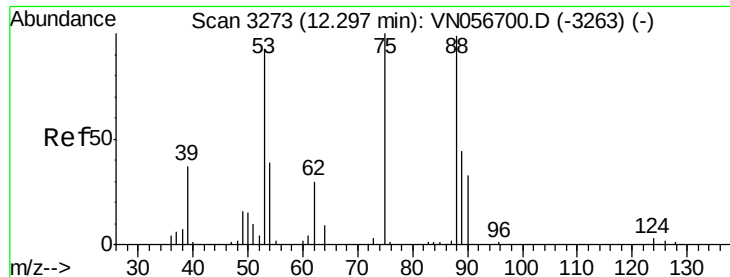
#80
 1,3,5-Trimethylbenzene
 Concen: 20.000 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN056713.D
 Acq: 15 Jul 2019 15:39

Tgt Ion: 105 Resp: 255542
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.8 74.3



Abundance Ion 105.00 (104.70 to 105.70): VN056713.D (-3315) (-)
 Ion 120.00 (119.70 to 120.70): VN056713.D (-3315) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.544 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056713.D

Acq: 15 Jul 2019 15:39

Instrument :

MSVOA_N

ClientSampleId :

VN0715WBS01

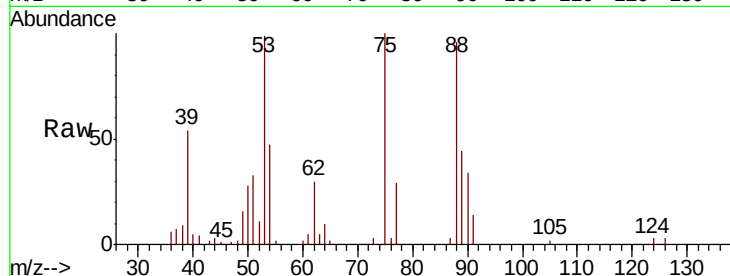
Tot Ion: 75 Resp: 24555

Ion Ratio Lower Upper

75 100

53 101.5 73.7 110.5

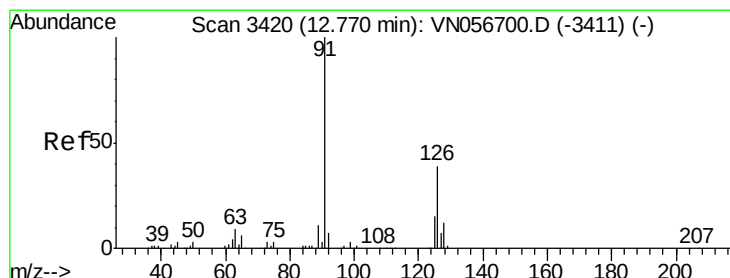
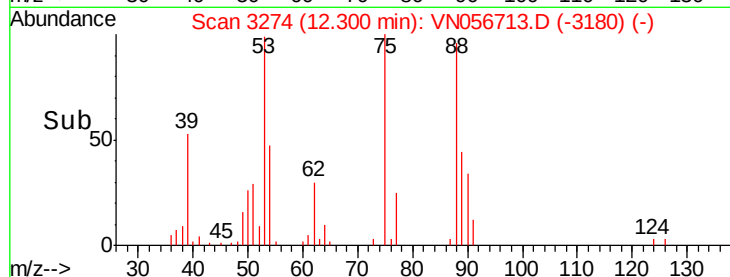
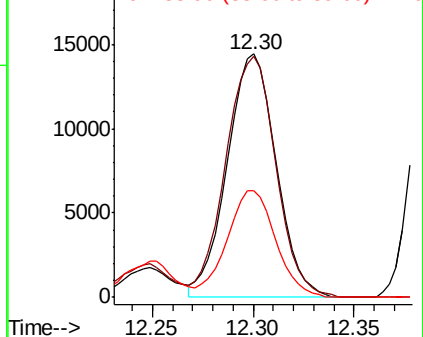
89 43.5 36.2 54.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 19.267 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. -0.00 min

Lab File: VN056713.D

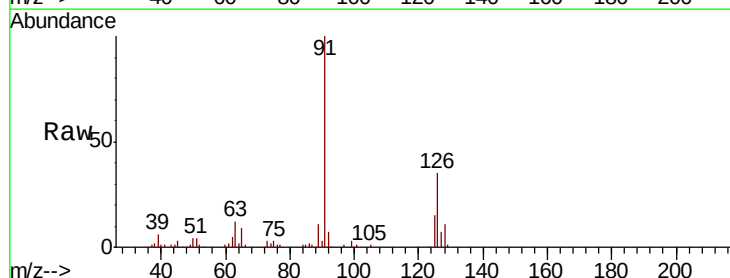
Acq: 15 Jul 2019 15:39

Tgt Ion: 91 Resp: 189237

Ion Ratio Lower Upper

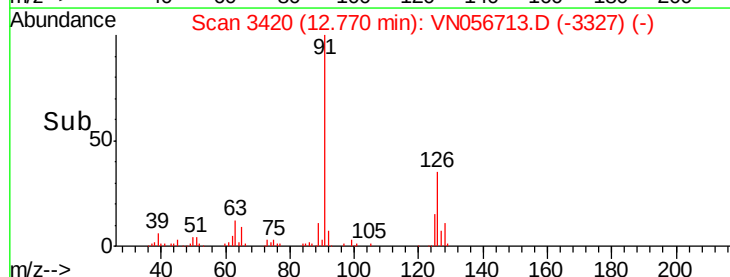
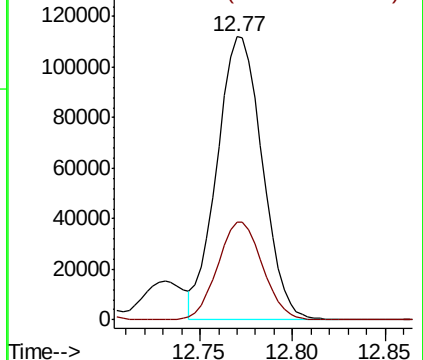
91 100

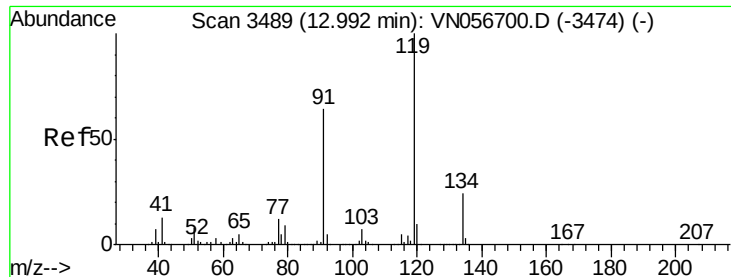
126 34.4 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

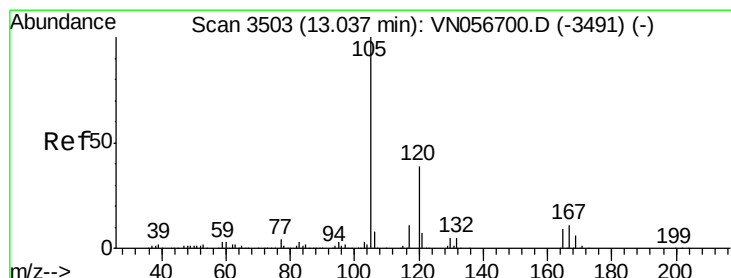
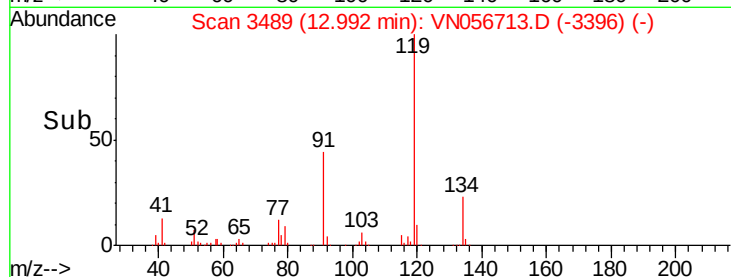
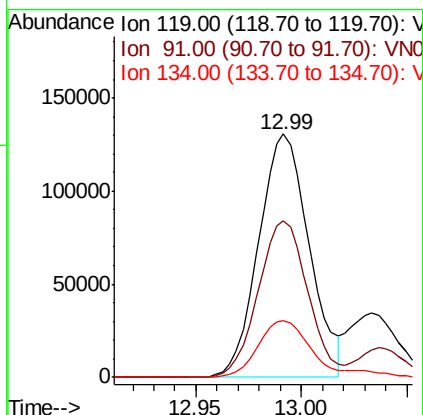
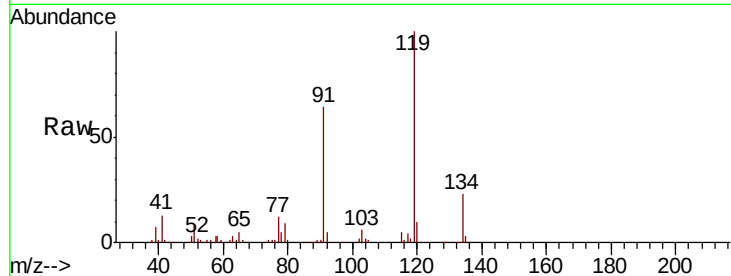




#83
 tert-Butylbenzene
 Concen: 21.000 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN056713.D
 Acq: 15 Jul 2019 15:39

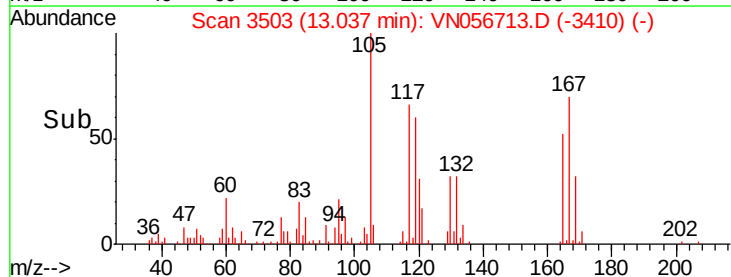
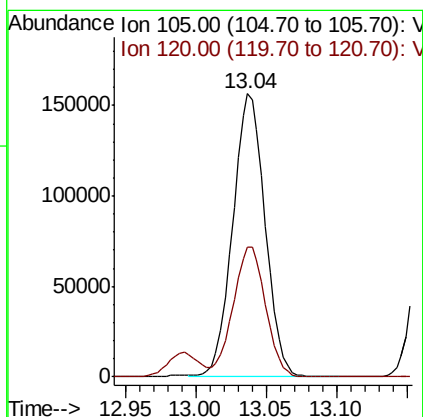
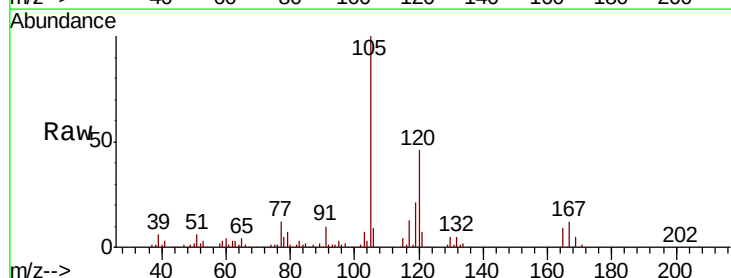
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0715WBS01

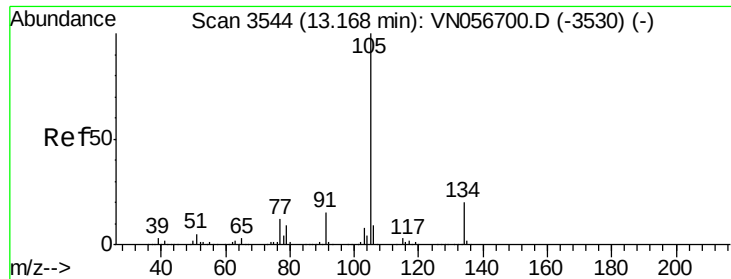
Tot Ion:119 Resp: 217509
 Ion Ratio Lower Upper
 119 100
 91 63.3 31.8 95.4
 134 25.8 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 20.113 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN056713.D
 Acq: 15 Jul 2019 15:39

Tgt Ion:105 Resp: 251062
 Ion Ratio Lower Upper
 105 100
 120 46.4 22.9 68.8





#85

sec-Butylbenzene

Concen: 19.736 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN056713.D

Acq: 15 Jul 2019 15:39

Instrument :

MSVOA_N

ClientSampleId :

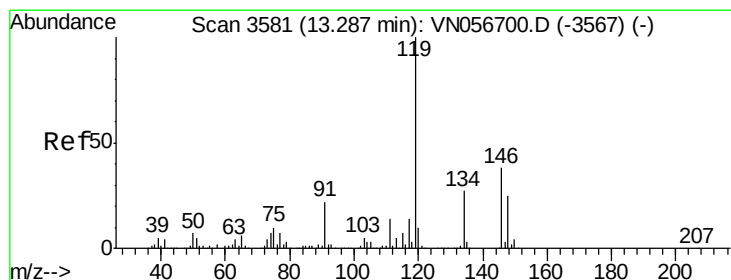
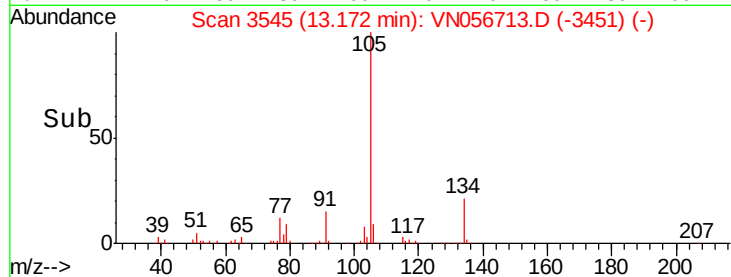
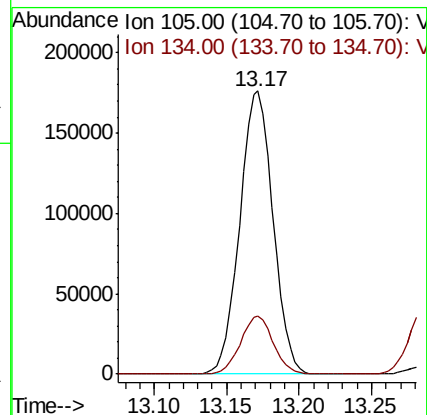
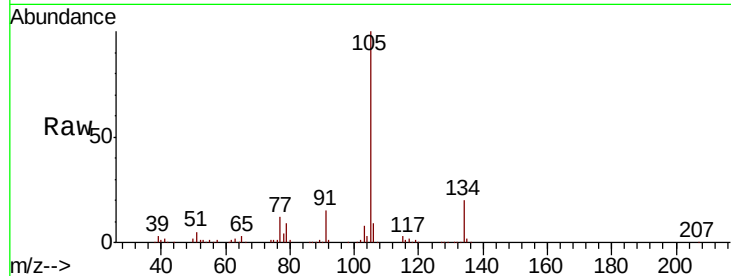
VN0715WBS01

Tot Ion:105 Resp: 280208

Ion Ratio Lower Upper

105 100

134 20.1 10.1 30.1



#86

p-Isopropyltoluene

Concen: 19.346 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN056713.D

Acq: 15 Jul 2019 15:39

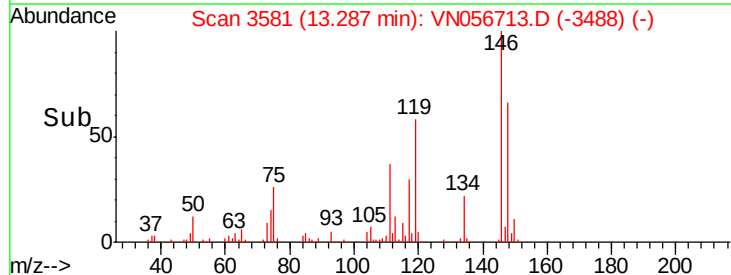
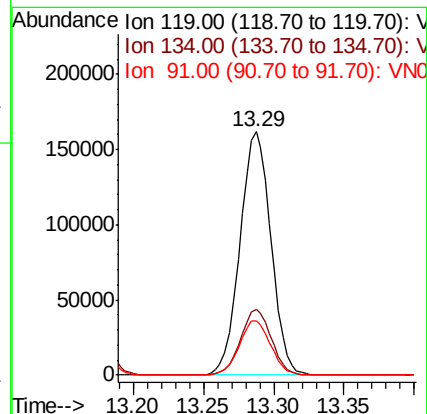
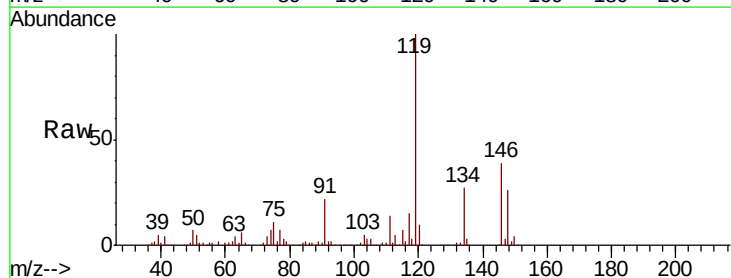
Tgt Ion:119 Resp: 248823

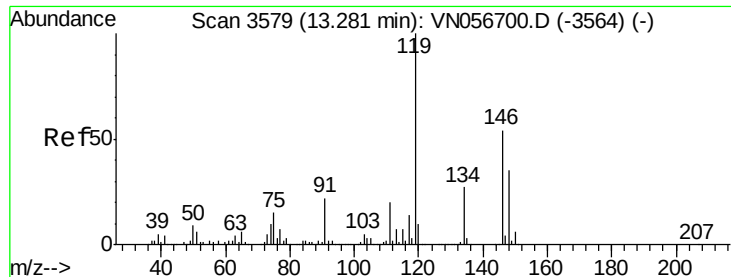
Ion Ratio Lower Upper

119 100

134 26.8 13.6 40.7

91 22.6 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 19.005 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN056713.D

Acq: 15 Jul 2019 15:39

Instrument :

MSVOA_N

ClientSampleId :

VN0715WBS01

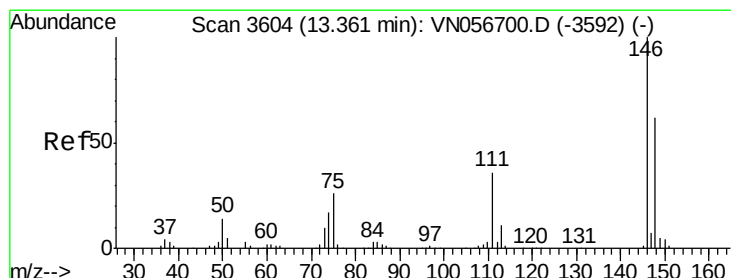
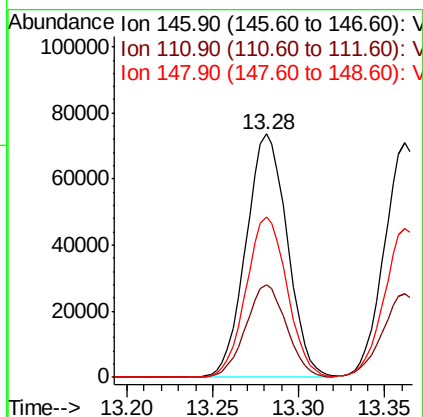
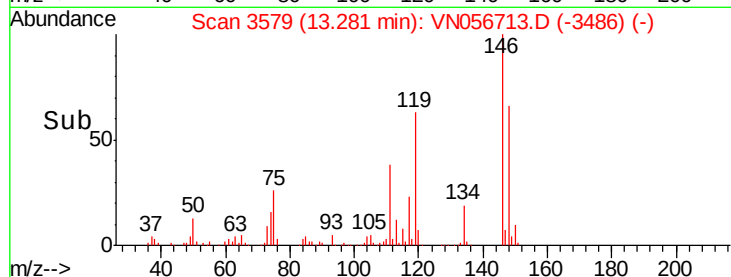
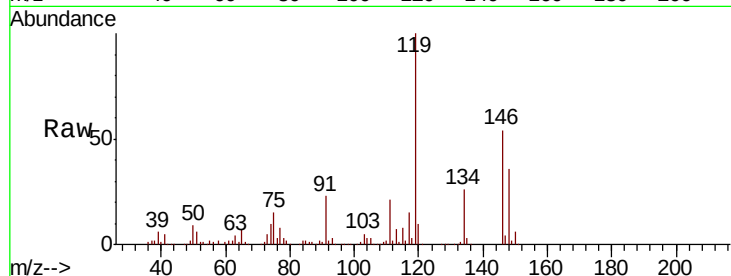
Tot Ion:146 Resp: 122813

Ion Ratio Lower Upper

146 100

111 37.4 18.8 56.3

148 65.3 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 18.738 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. -0.00 min

Lab File: VN056713.D

Acq: 15 Jul 2019 15:39

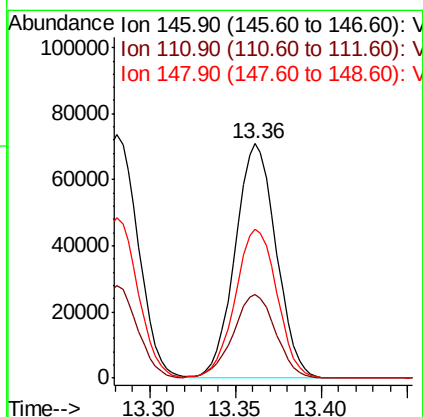
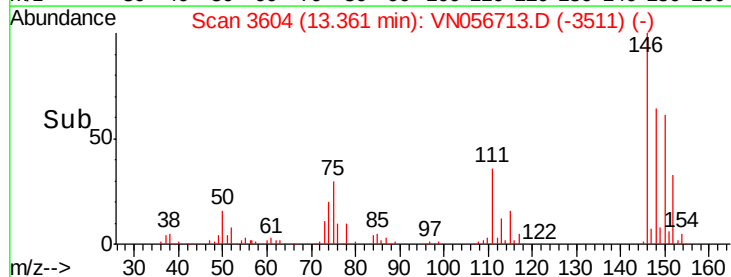
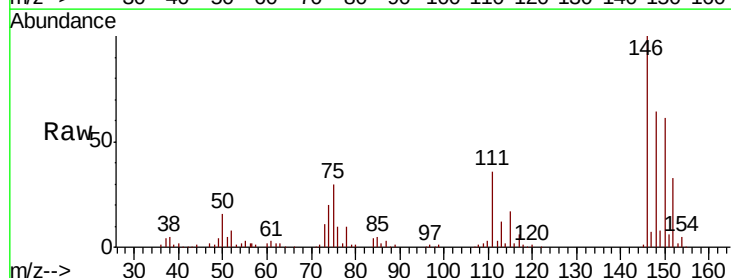
Tgt Ion:146 Resp: 117787

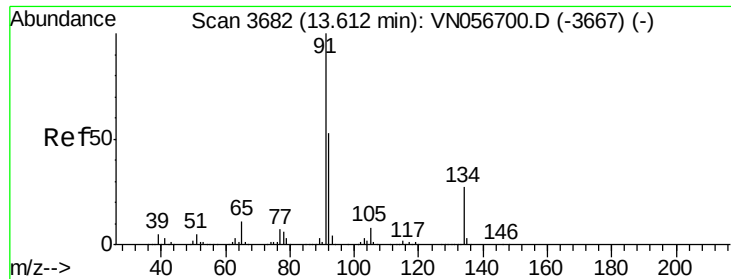
Ion Ratio Lower Upper

146 100

111 37.1 18.6 55.8

148 65.1 31.9 95.7

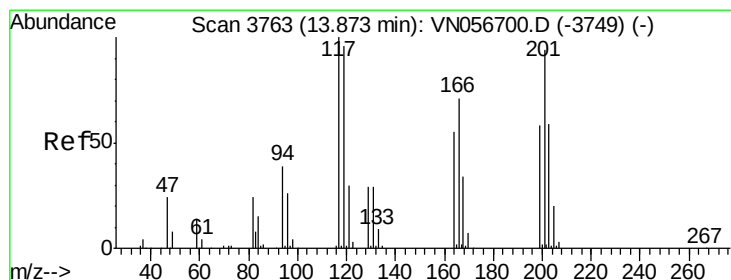
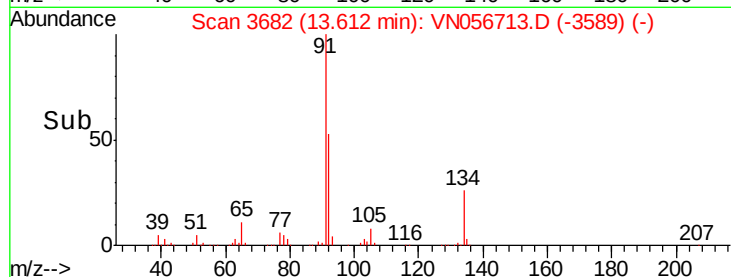
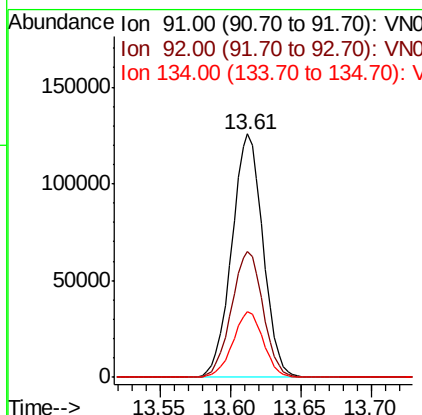
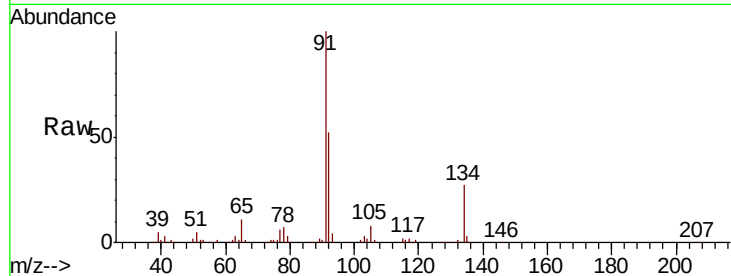




#89
n-Butylbenzene
Concen: 18.769 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN056713.D
Acq: 15 Jul 2019 15:39

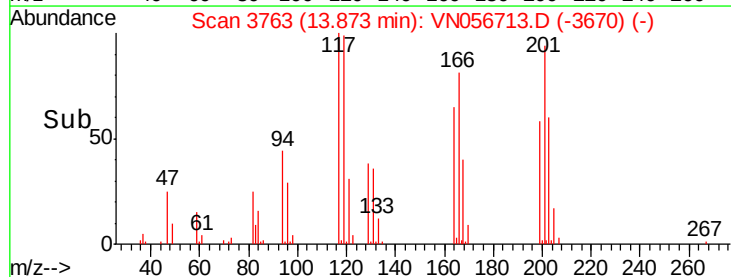
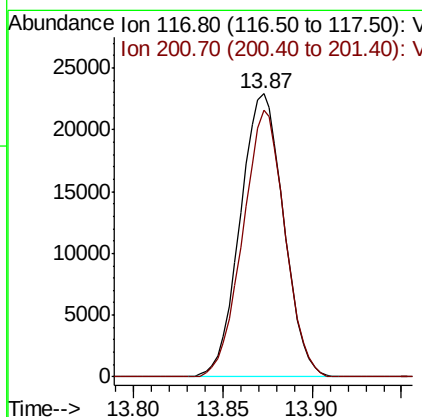
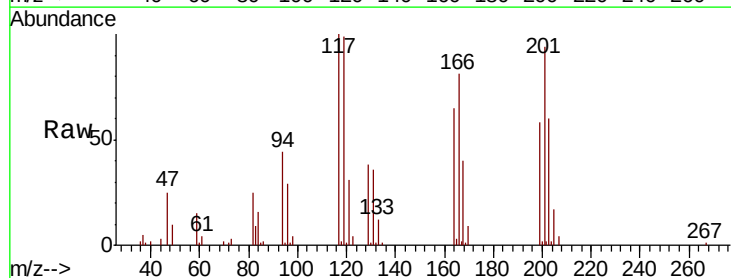
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBS01

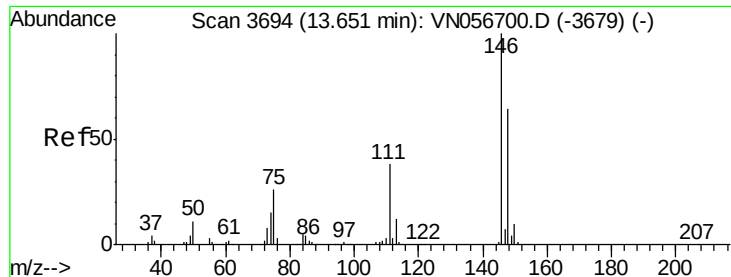
Tot Ion: 91 Resp: 194451
Ion Ratio Lower Upper
91 100
92 52.2 26.0 78.0
134 26.4 13.4 40.2



#90
Hexachloroethane
Concen: 18.771 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN056713.D
Acq: 15 Jul 2019 15:39

Tgt Ion: 117 Resp: 39043
Ion Ratio Lower Upper
117 100
201 91.2 46.5 139.5

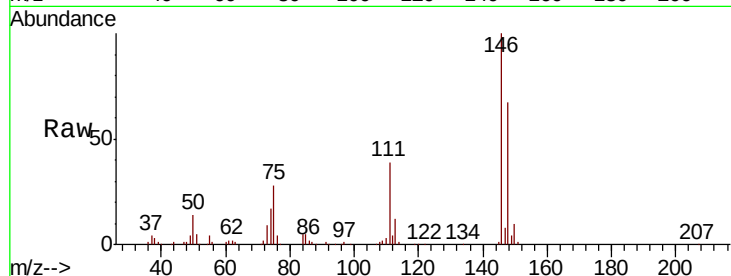




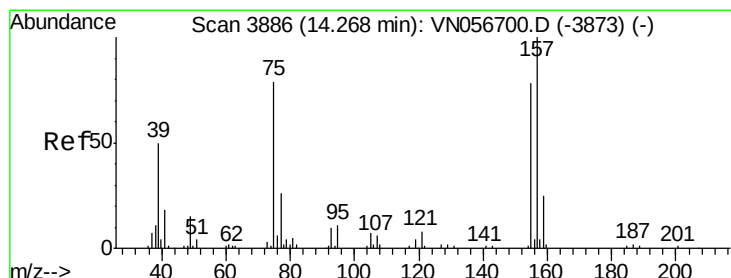
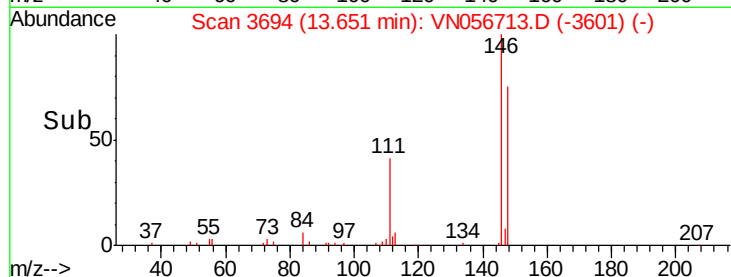
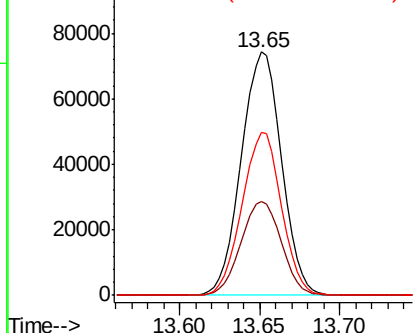
#91
 1,2-Dichlorobenzene
 Concen: 19.289 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN056713.D
 Acq: 15 Jul 2019 15:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0715WBS01

Tot Ion:146 Resp: 127484
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.1 57.1
 148 65.4 31.7 95.1

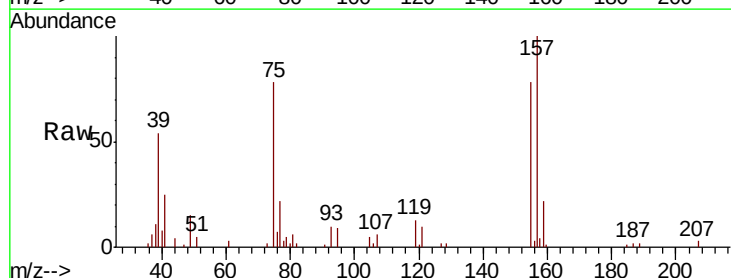


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

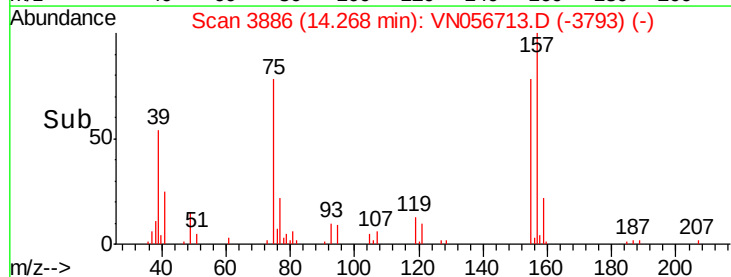
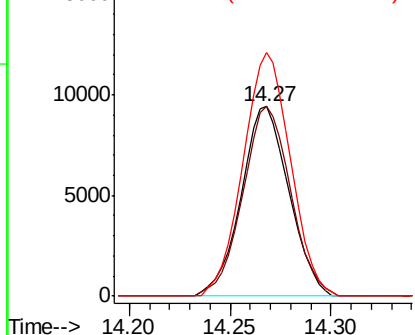


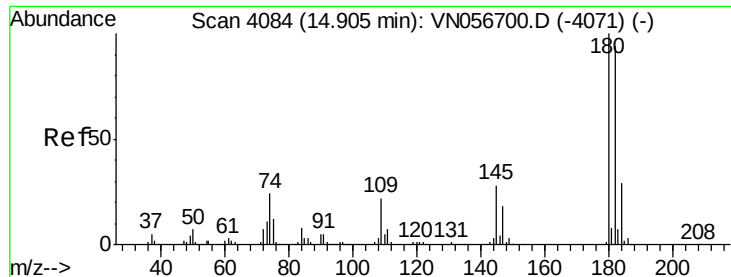
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.354 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN056713.D
 Acq: 15 Jul 2019 15:39

Tgt Ion: 75 Resp: 15646
 Ion Ratio Lower Upper
 75 100
 155 100.0 49.3 147.9
 157 127.3 62.4 187.1



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

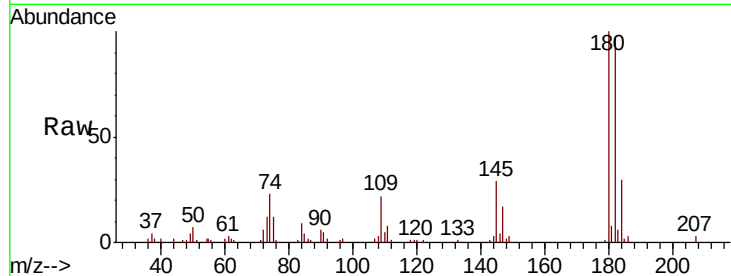




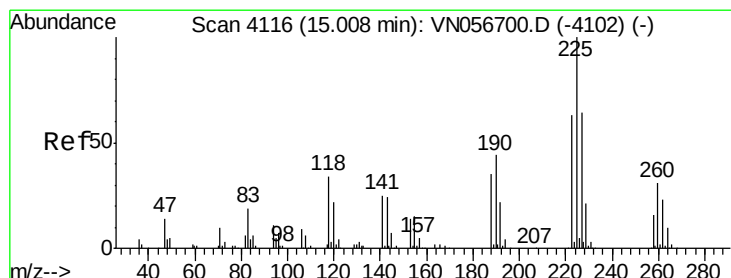
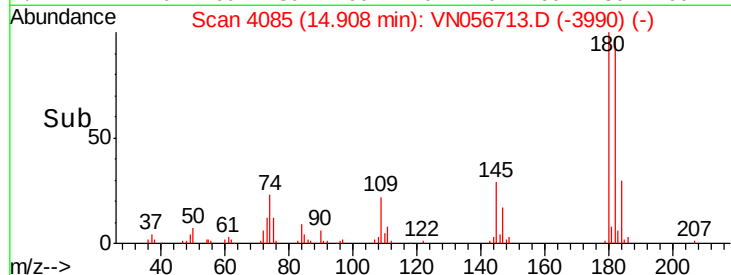
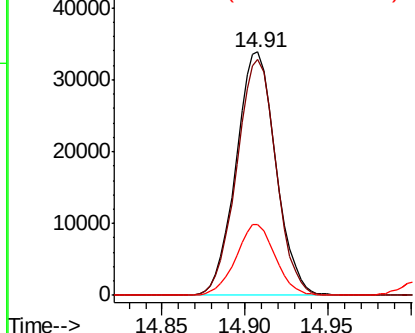
#93
 1,2,4-Trichlorobenzene
 Concen: 18.005 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056713.D
 Acq: 15 Jul 2019 15:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0715WBS01

Tot Ion:180 Resp: 56431
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.2 141.6
 145 28.8 14.2 42.8

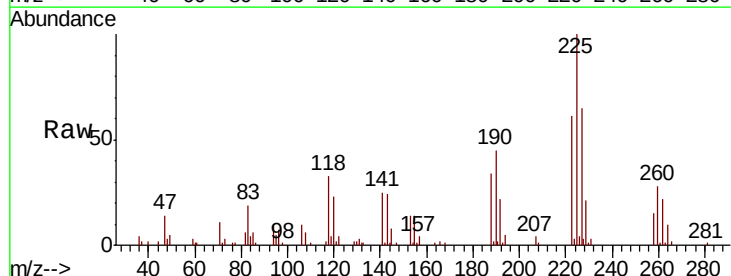


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

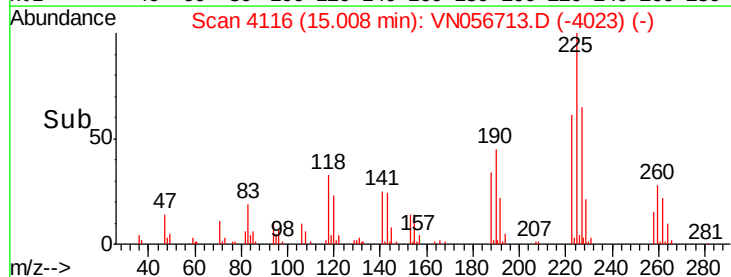
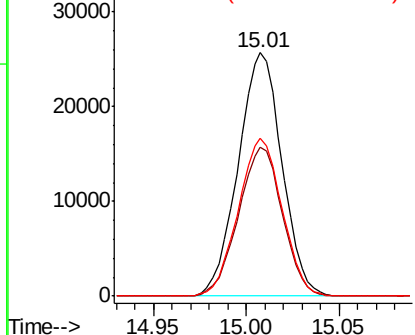


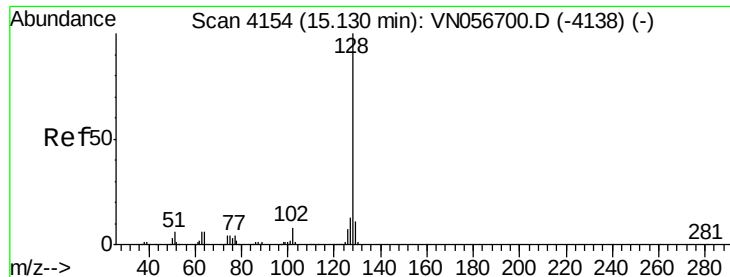
#94
 Hexachlorobutadiene
 Concen: 19.483 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056713.D
 Acq: 15 Jul 2019 15:39

Tgt Ion:225 Resp: 42092
 Ion Ratio Lower Upper
 225 100
 223 61.3 31.5 94.5
 227 64.8 32.0 96.2



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

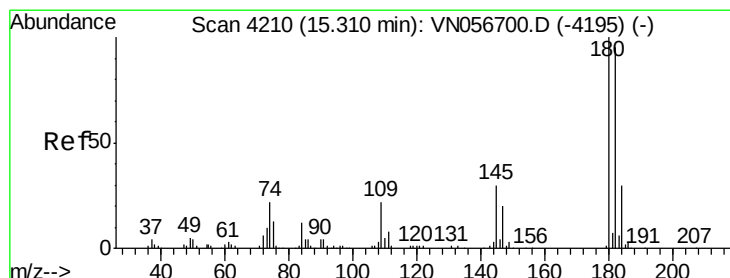
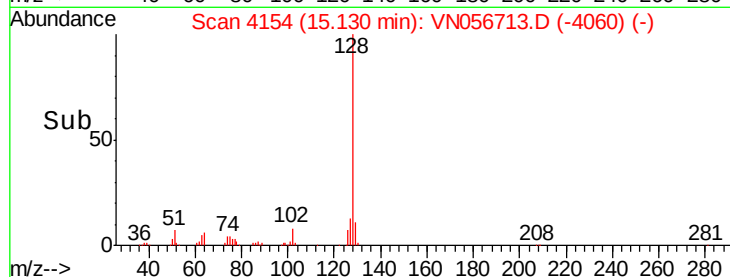
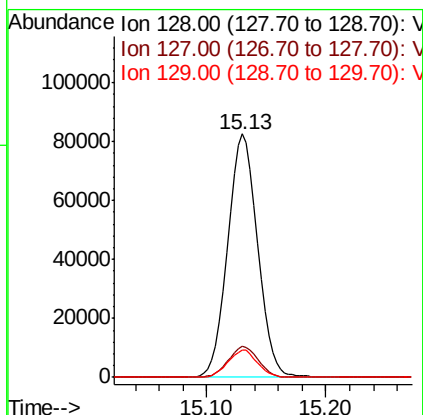
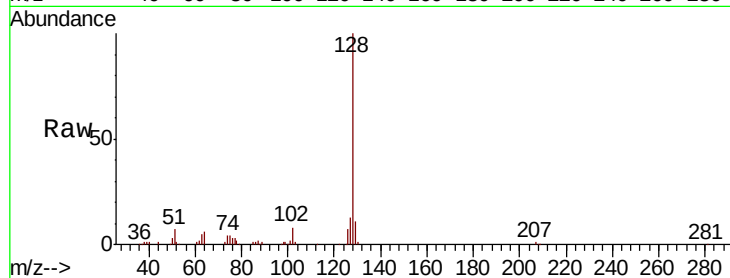




#95
Naphthalene
Concen: 17.568 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN056713.D
Acq: 15 Jul 2019 15:39

Instrument :
MSVOA_N
ClientSampleId :
VN0715WBS01

Tot Ion:128 Resp: 143660
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.072 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN056713.D
Acq: 15 Jul 2019 15:39

Tgt Ion:180 Resp: 61157
Ion Ratio Lower Upper
180 100
182 93.7 47.1 141.3
145 30.4 15.0 45.1

