

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060519\
 Data File : VN056010.D
 Acq On : 5 Jun 2019 15:22
 Operator : JC/SP
 Sample : VN0605WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 06 01:22:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	325152	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	490557	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	433045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	178933	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	168021	52.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.08%	
35) Dibromofluoromethane	7.59	113	151306	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
50) Toluene-d8	10.09	98	583172	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
62) 4-Bromofluorobenzene	12.40	95	190903	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	72897	20.617	ug/l	99
3) Chloromethane	2.06	50	76511	21.707	ug/l	99
4) Vinyl Chloride	2.18	62	79149	22.387	ug/l	100
5) Bromomethane	2.53	94	47344	21.198	ug/l	97
6) Chloroethane	2.68	64	44867	21.887	ug/l	99
7) Trichlorofluoromethane	3.00	101	94120	20.853	ug/l	100
8) Diethyl Ether	3.40	74	40132	21.621	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.74	101	57770	21.070	ug/l	100
10) Methyl Iodide	3.94	142	88061	20.211	ug/l	98
11) Tert butyl alcohol	4.81	59	61995	110.345	ug/l	99
12) 1,1-Dichloroethene	3.72	96	59261	21.710	ug/l	95
13) Acrolein	3.60	56	16204	100.003	ug/l	95
14) Allyl chloride	4.31	41	90008	20.883	ug/l	99
15) Acrylonitrile	4.99	53	158061	115.572	ug/l	100
16) Acetone	3.82	43	135951	88.046	ug/l	99
17) Carbon Disulfide	4.04	76	126715	19.388	ug/l	100
18) Methyl Acetate	4.33	43	71876	23.390	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	189381	21.766	ug/l	98
20) Methylene Chloride	4.54	84	67890	21.341	ug/l	94
21) trans-1,2-Dichloroethene	5.03	96	61878	21.157	ug/l	95
22) Diisopropyl ether	5.95	45	186442	20.925	ug/l	96
23) Vinyl Acetate	5.90	43	774206	110.341	ug/l	99
24) 1,1-Dichloroethane	5.84	63	108886	21.186	ug/l	100
25) 2-Butanone	6.84	43	208296	106.769	ug/l	100
26) 2,2-Dichloropropane	6.82	77	71747	17.890	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	73625	21.416	ug/l	95
28) Bromochloromethane	7.19	49	48536	19.970	ug/l	97
29) Tetrahydrofuran	7.22	42	139261	115.480	ug/l	98
30) Chloroform	7.37	83	109665	21.211	ug/l	99
31) Cyclohexane	7.65	56	104602	20.418	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	91493	21.192	ug/l	99
36) 1,1-Dichloropropene	7.79	75	82899	19.653	ug/l	99
37) Ethyl Acetate	6.93	43	84247	22.447	ug/l	100
38) Carbon Tetrachloride	7.77	117	76029	19.550	ug/l	99

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Quant Time: Jun 06 01:22:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	101169	19.254	ug/l	98
40) Benzene	8.04	78	263249	20.548	ug/l	99
41) Methacrylonitrile	7.17	41	38698	22.410	ug/l	97
42) 1,2-Dichloroethane	8.12	62	82505	20.021	ug/l	99
43) Isopropyl Acetate	8.17	43	131083	21.553	ug/l #	92
44) Trichloroethene	8.83	130	73513	19.969	ug/l	99
45) 1,2-Dichloropropane	9.12	63	67718	20.636	ug/l	99
46) Dibromomethane	9.21	93	44728	20.844	ug/l	98
47) Bromodichloromethane	9.40	83	78314	20.136	ug/l	98
48) Methyl methacrylate	9.20	41	64271	21.601	ug/l	95
49) 1,4-Dioxane	9.20	88	28945	450.613	ug/l	93
51) 4-Methyl-2-Pentanone	9.99	43	408715	107.465	ug/l	99
52) Toluene	10.15	92	168750	21.168	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	80547	19.215	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	96203	20.579	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	66666	21.111	ug/l	98
56) Ethyl methacrylate	10.43	69	99672	21.635	ug/l	96
57) 1,3-Dichloropropane	10.71	76	107814	21.002	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	174254	104.598	ug/l	99
59) 2-Hexanone	10.75	43	291203	105.642	ug/l	98
60) Dibromochloromethane	10.90	129	62140	19.419	ug/l	100
61) 1,2-Dibromoethane	11.00	107	68413	21.192	ug/l	98
64) Tetrachloroethene	10.63	164	75457	20.130	ug/l	99
65) Chlorobenzene	11.43	112	175743	20.391	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.51	131	62101	20.868	ug/l	99
67) Ethyl Benzene	11.51	91	305615	20.393	ug/l	99
68) m/p-Xylenes	11.62	106	236317	41.279	ug/l	98
69) o-Xylene	11.95	106	117070	20.789	ug/l	98
70) Styrene	11.96	104	185160	20.694	ug/l	99
71) Bromoform	12.13	173	42855	18.954	ug/l #	100
73) Isopropylbenzene	12.25	105	302256	22.360	ug/l	100
74) N-amyl acetate	12.07	43	105791	22.180	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	91167	21.948	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	104065	31.607	ug/l #	100
77) Bromobenzene	12.53	156	81738	21.336	ug/l	94
78) n-propylbenzene	12.59	91	312653	20.654	ug/l	99
79) 2-Chlorotoluene	12.67	91	193295	21.707	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	244587	20.330	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	19731	19.957	ug/l #	86
82) 4-Chlorotoluene	12.77	91	181557	20.501	ug/l	99
83) tert-Butylbenzene	12.99	119	217927	21.808	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	238879	20.938	ug/l	100
85) sec-Butylbenzene	13.17	105	273190	20.379	ug/l	100
86) p-Isopropyltoluene	13.29	119	244421	20.372	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	121902	20.560	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	114367	20.052	ug/l	99
89) n-Butylbenzene	13.61	91	169456	19.066	ug/l	100
90) Hexachloroethane	13.87	117	35579	19.664	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	123215	20.583	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	13601	22.893	ug/l	100

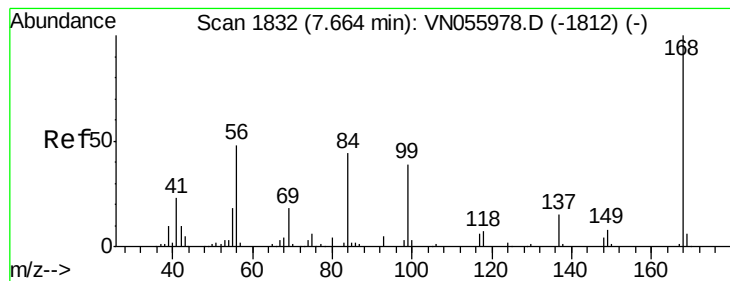
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Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	49380	17.961	ug/l	100
94) Hexachlorobutadiene	15.01	225	43508	19.938	ug/l	99
95) Naphthalene	15.13	128	145384	19.530	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	57348	19.056	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

Instrument :

MSVOA_N

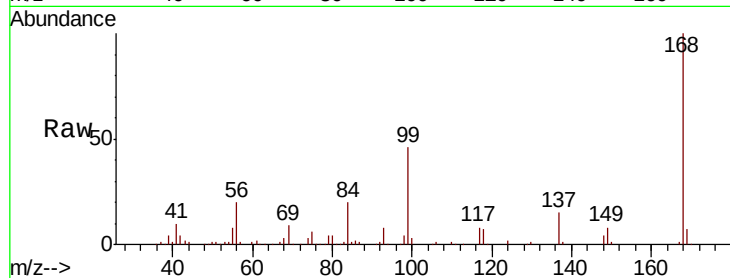
ClientSampleId :

Tot Ion:168 Resp: 325152

Ion Ratio Lower Upper

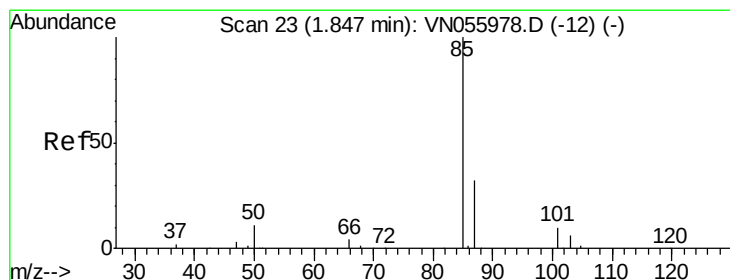
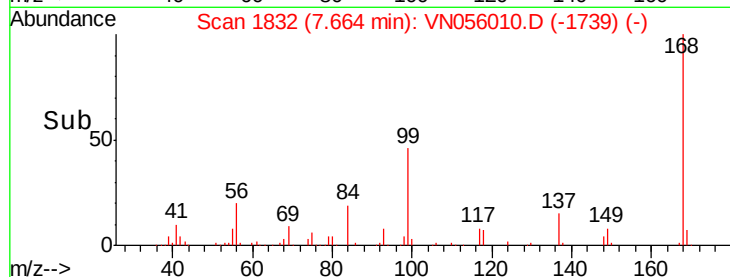
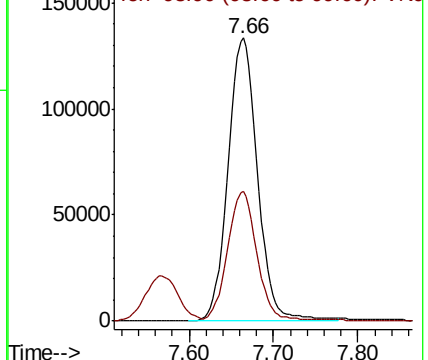
168 100

99 45.4 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 20.617 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056010.D

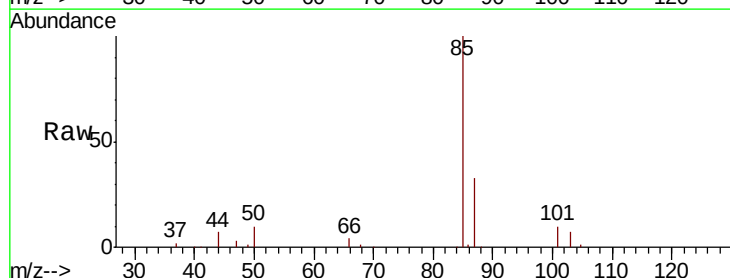
Acq: 5 Jun 2019 15:22

Tgt Ion: 85 Resp: 72897

Ion Ratio Lower Upper

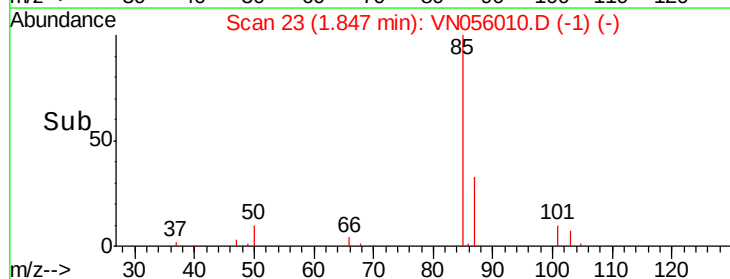
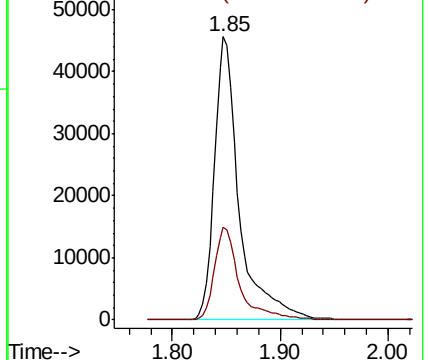
85 100

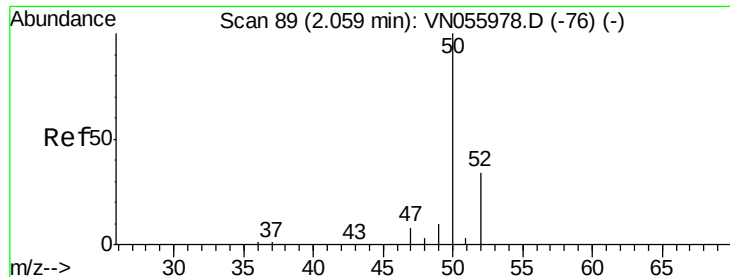
87 32.9 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 21.707 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

Instrument :

MSVOA_N

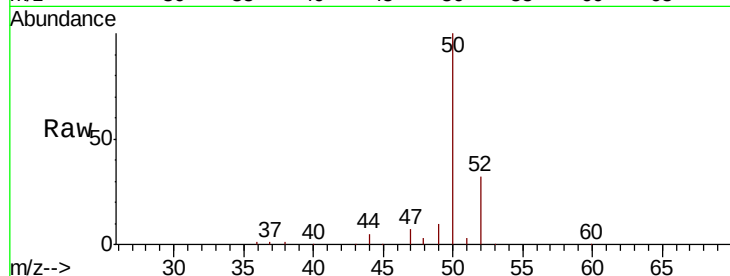
ClientSampled :

Tot Ion: 50 Resp: 76511

Ion Ratio Lower Upper

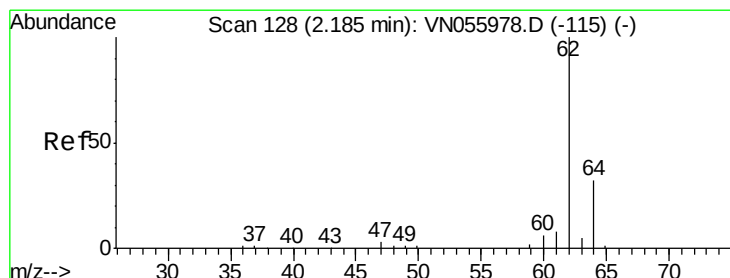
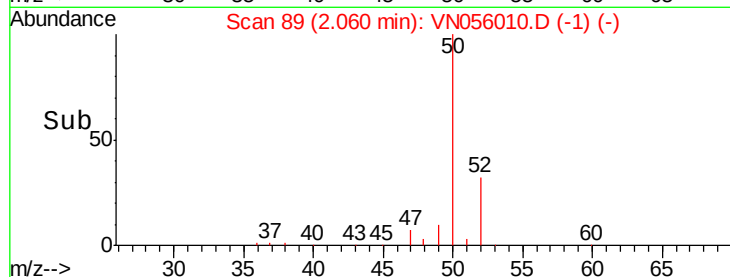
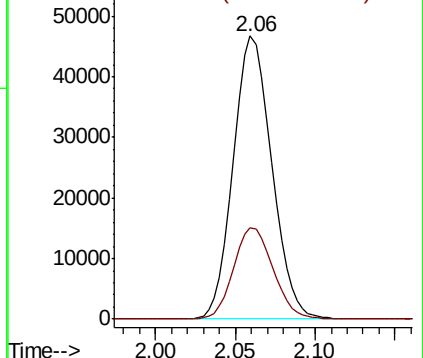
50 100

52 32.5 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 22.387 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN056010.D

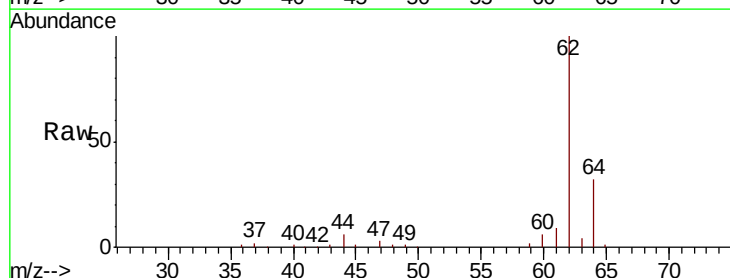
Acq: 5 Jun 2019 15:22

Tgt Ion: 62 Resp: 79149

Ion Ratio Lower Upper

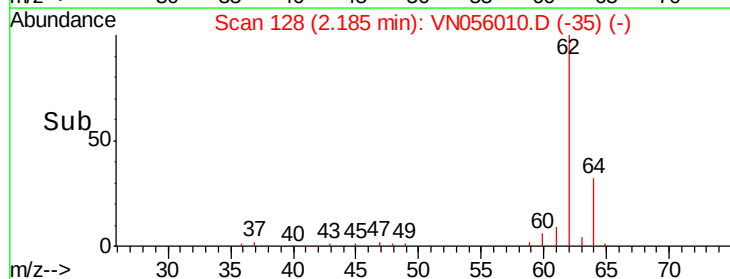
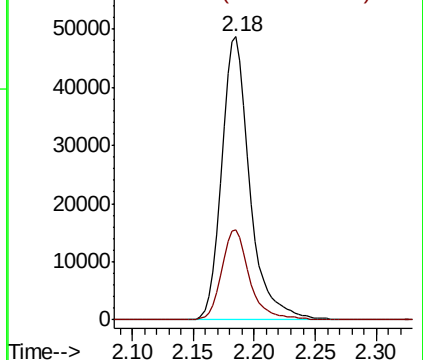
62 100

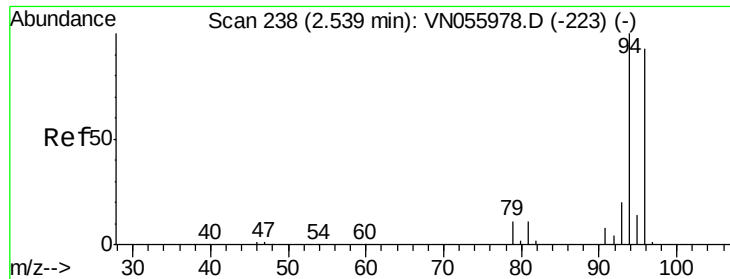
64 31.9 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

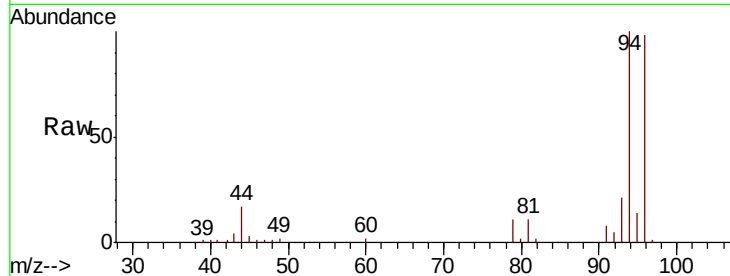




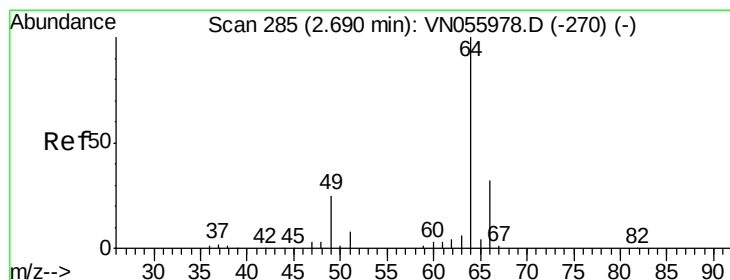
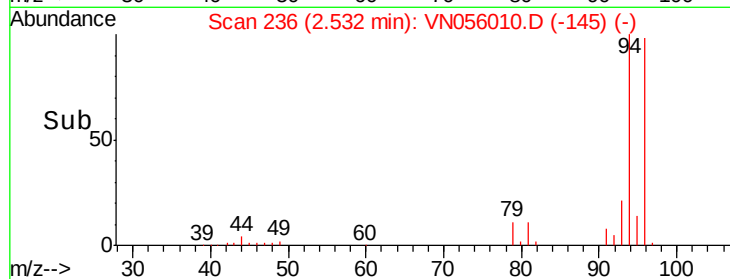
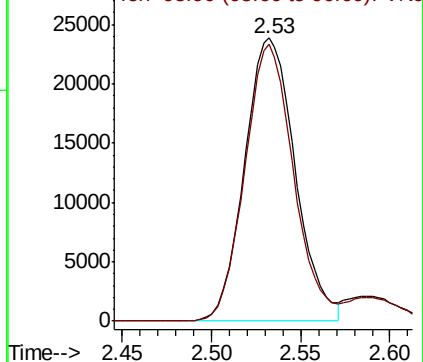
#5
Bromomethane
Concen: 21.198 ug/l
RT: 2.53 min Scan# 236
Delta R.T. -0.01 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 94 Resp: 47344
Ion Ratio Lower Upper
94 100
96 97.7 75.5 113.3

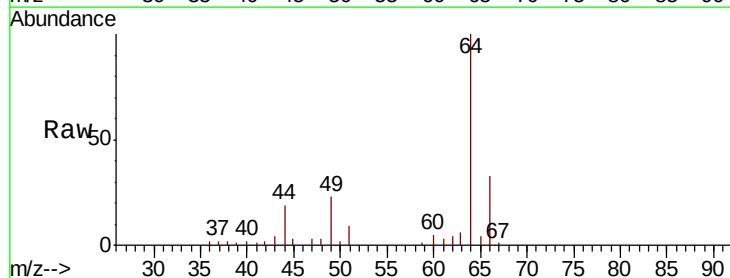


Abundance Ion 93.90 (93.60 to 94.60): VN0
Ion 95.90 (95.60 to 96.60): VN0

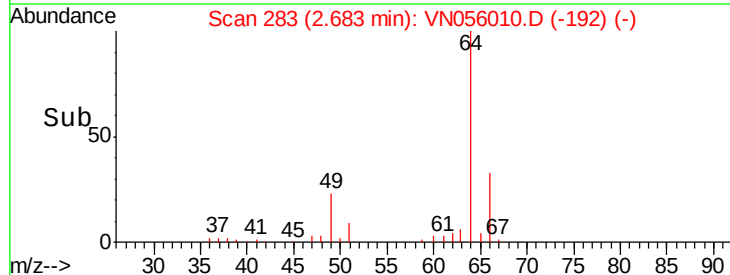
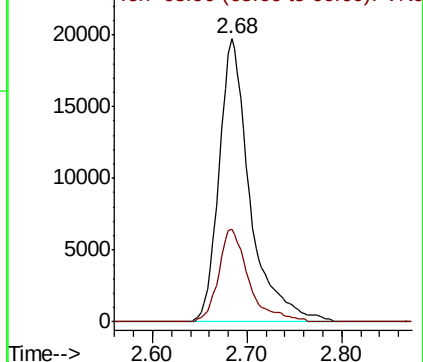


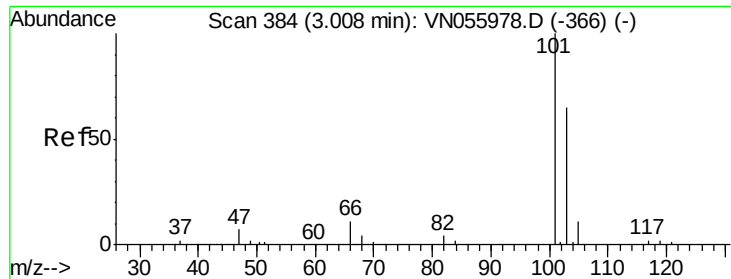
#6
Chloroethane
Concen: 21.887 ug/l
RT: 2.68 min Scan# 283
Delta R.T. -0.01 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Tgt Ion: 64 Resp: 44867
Ion Ratio Lower Upper
64 100
66 32.5 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VN0
Ion 65.90 (65.60 to 66.60): VN0



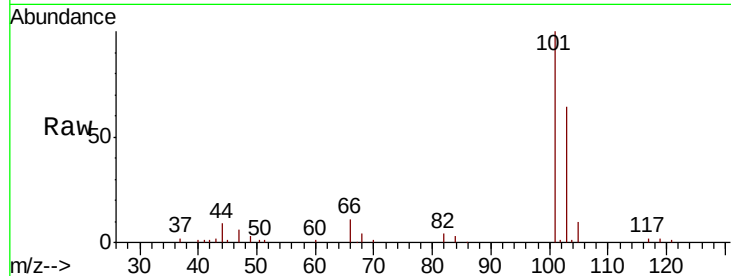


#7

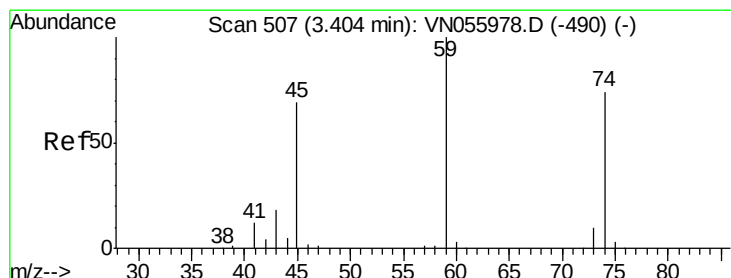
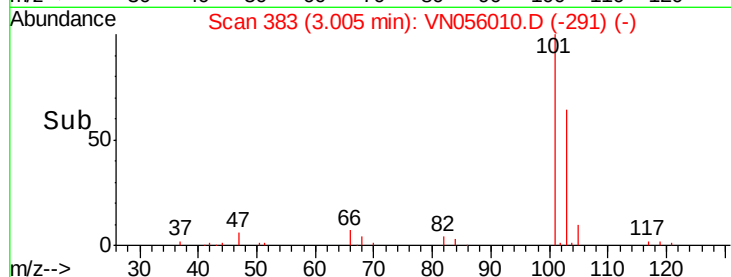
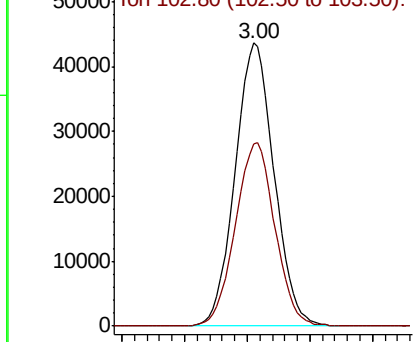
Trichlorofluoromethane
 Concen: 20.853 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. -0.00 min
 Lab File: VN056010.D
 Acq: 5 Jun 2019 15:22

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:101 Resp: 94120
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.2 76.8



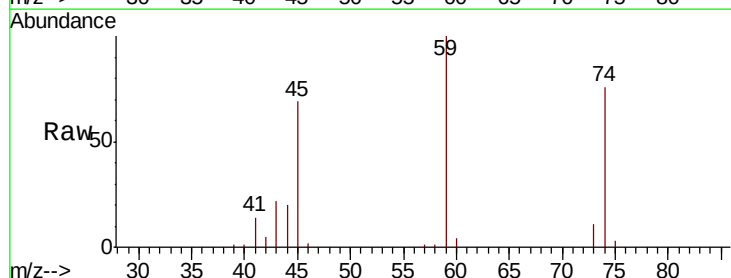
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



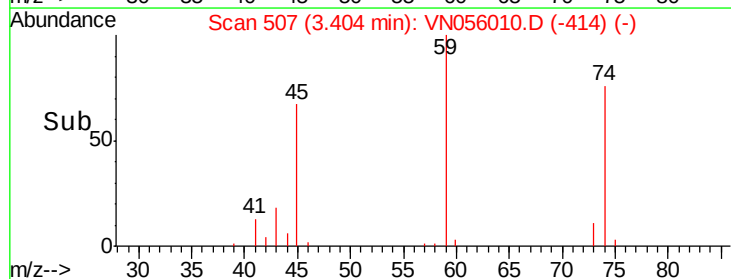
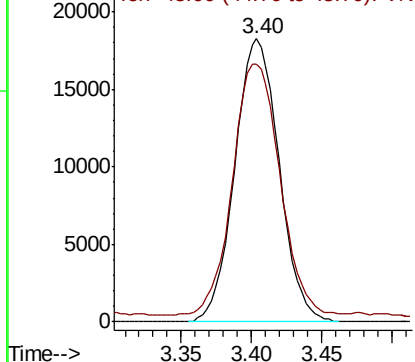
#8

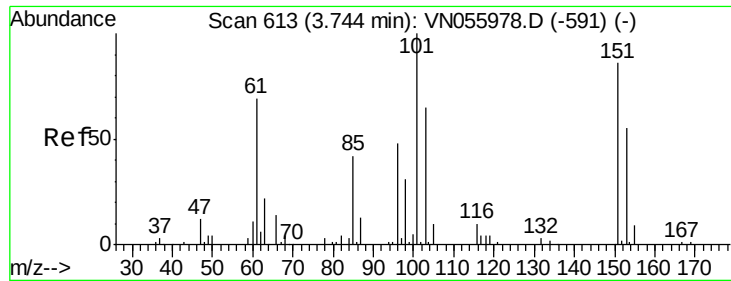
Diethyl Ether
 Concen: 21.621 ug/l
 RT: 3.40 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: VN056010.D
 Acq: 5 Jun 2019 15:22

Tgt Ion: 74 Resp: 40132
 Ion Ratio Lower Upper
 74 100
 45 93.2 48.6 145.9



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.070 ug/l

RT: 3.74 min Scan# 612

Delta R.T. -0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

Instrument :

MSVOA_N

ClientSampleId :

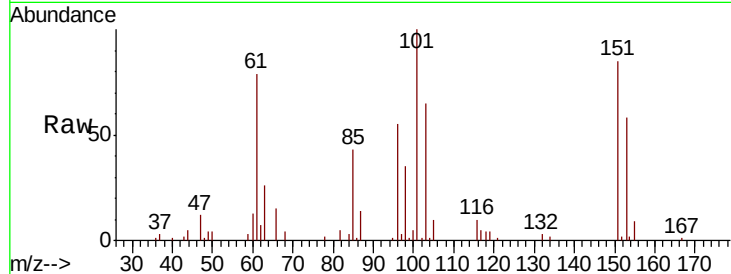
Tot Ion:101 Resp: 57770

Ion Ratio Lower Upper

101 100

85 41.6 33.4 50.2

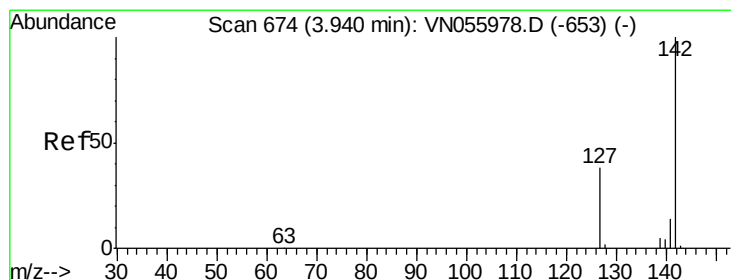
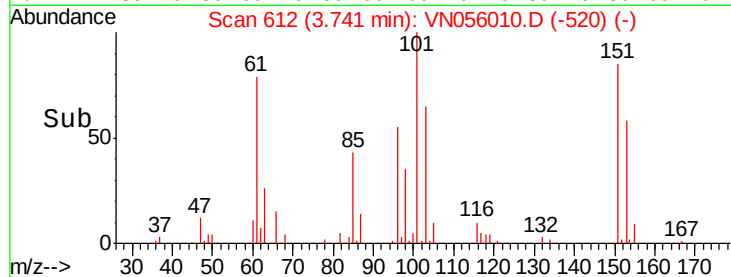
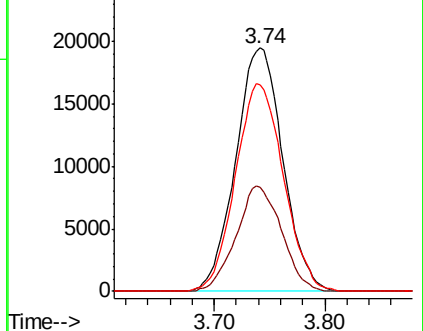
151 86.7 69.4 104.2



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: 20.211 ug/l

RT: 3.94 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

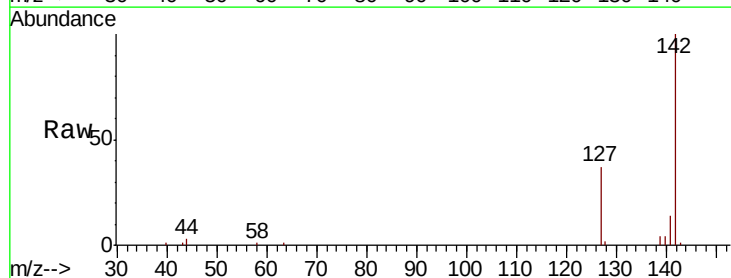
Tgt Ion:142 Resp: 88061

Ion Ratio Lower Upper

142 100

127 37.3 31.0 46.4

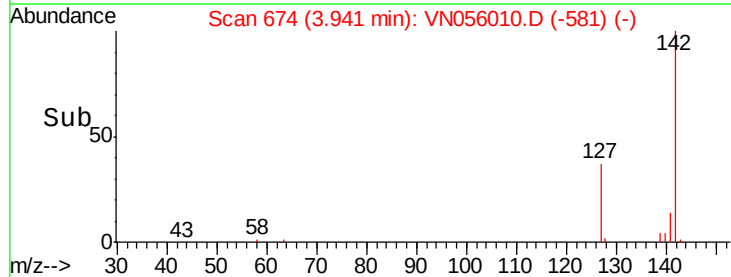
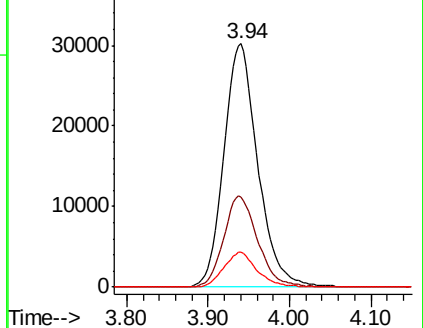
141 14.0 11.4 17.0

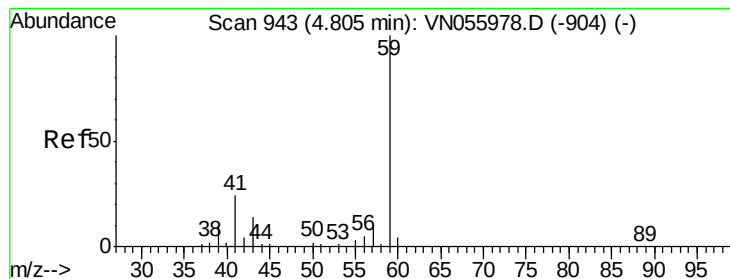


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



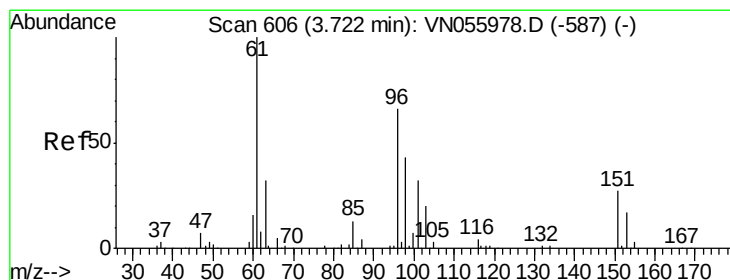
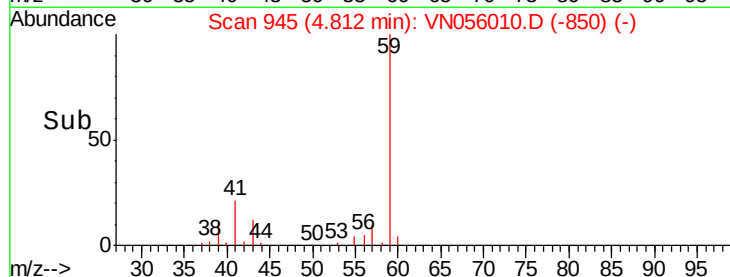
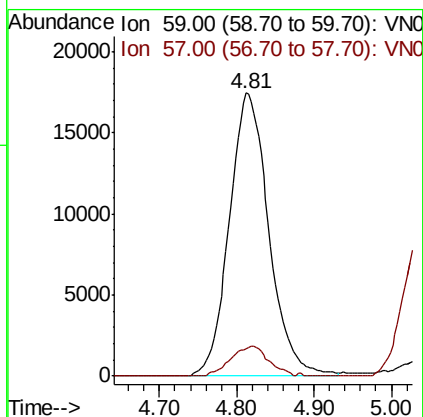
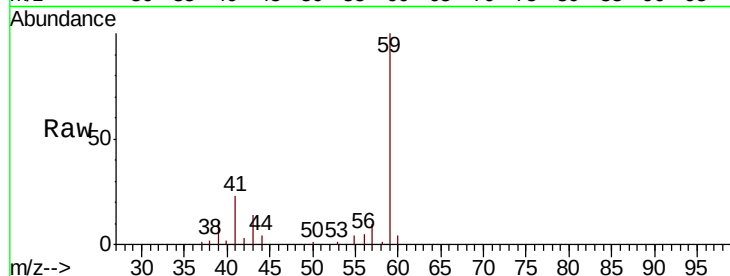


#11

Tert butyl alcohol
 Concen: 110.345 ug/l
 RT: 4.81 min Scan# 945
 Delta R.T. 0.01 min
 Lab File: VN056010.D
 Acq: 5 Jun 2019 15:22

Instrument :
 MSVOA_N
 ClientSampled :

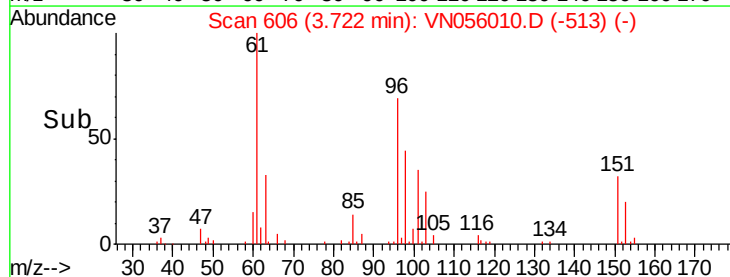
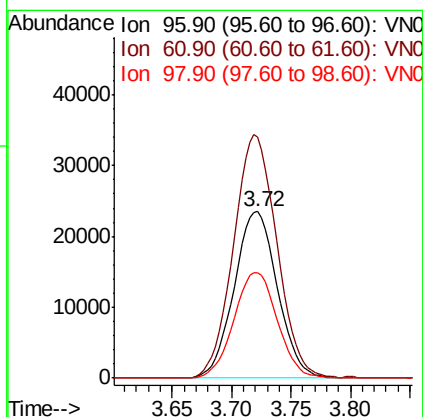
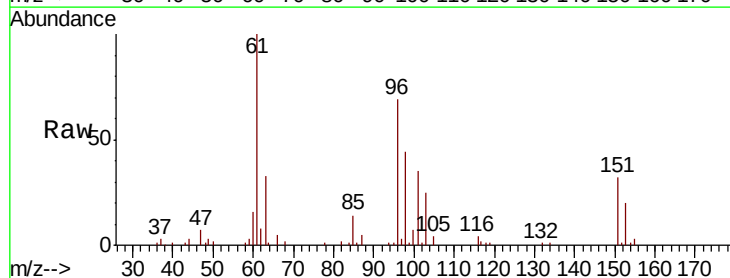
Tot Ion: 59 Resp: 61995
 Ion Ratio Lower Upper
 59 100
 57 10.2 7.8 11.6

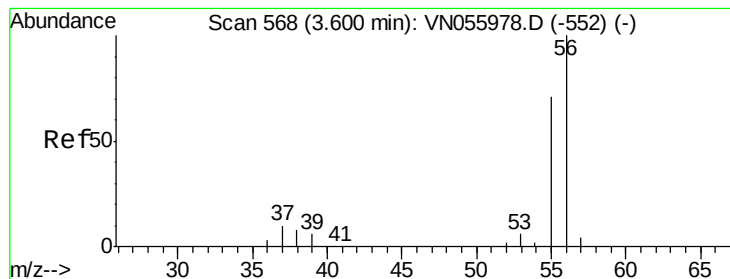


#12

1,1-Dichloroethene
 Concen: 21.710 ug/l
 RT: 3.72 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VN056010.D
 Acq: 5 Jun 2019 15:22

Tgt Ion: 96 Resp: 59261
 Ion Ratio Lower Upper
 96 100
 61 144.9 123.2 184.8
 98 63.4 50.4 75.6





#13

Acrolein

Concen: 100.003 ug/l

RT: 3.60 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

Instrument :

MSVOA_N

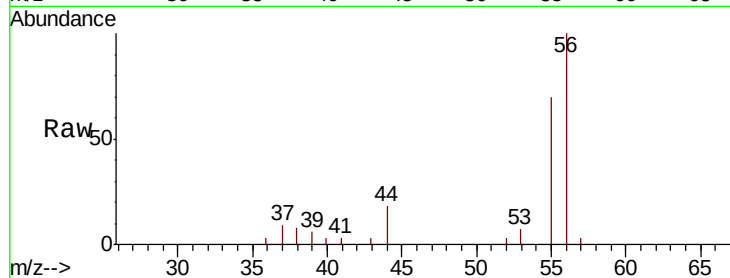
ClientSampleId :

Tot Ion: 56 Resp: 16204

Ion Ratio Lower Upper

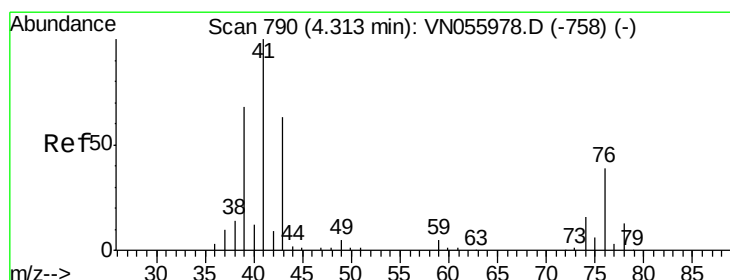
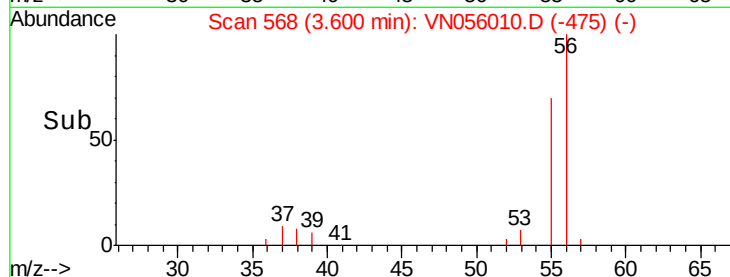
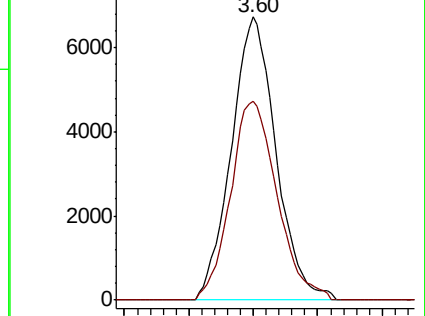
56 100

55 73.2 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 20.883 ug/l

RT: 4.31 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

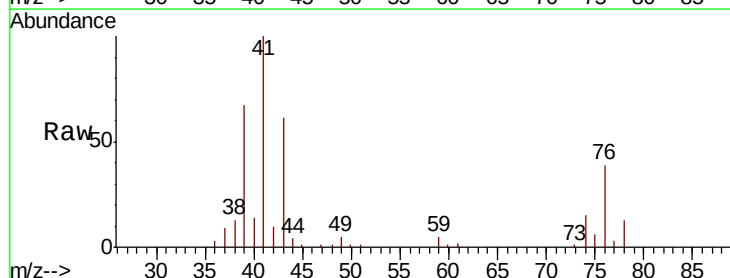
Tgt Ion: 41 Resp: 90008

Ion Ratio Lower Upper

41 100

39 61.9 50.0 75.0

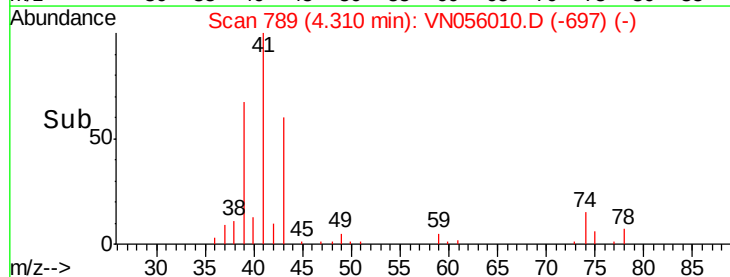
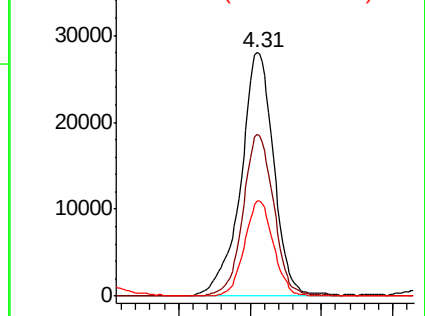
76 34.2 28.2 42.2

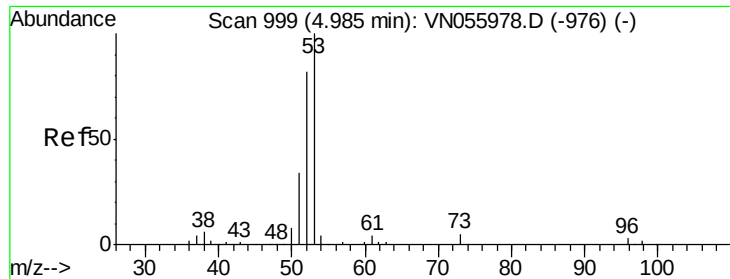


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

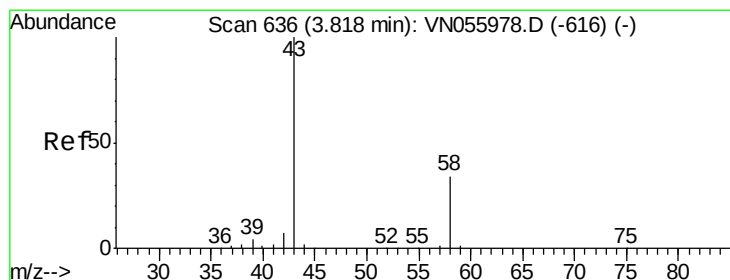
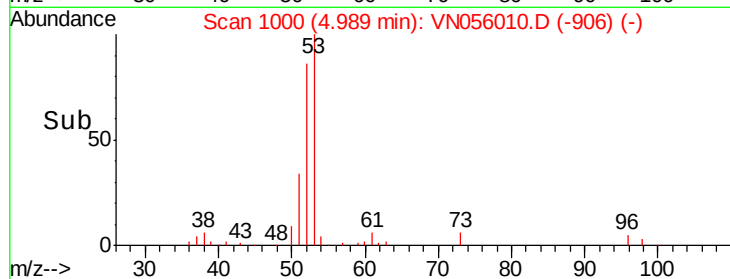
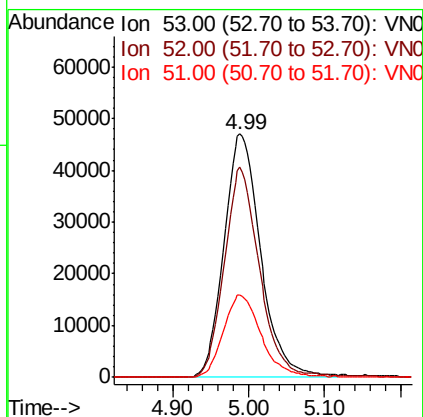
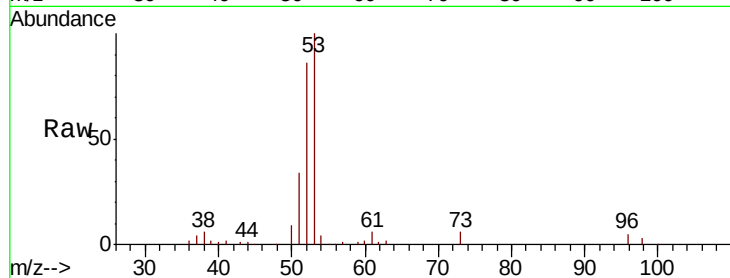




#15
 Acrylonitrile
 Concen: 115.572 ug/l
 RT: 4.99 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: VN056010.D
 Acq: 5 Jun 2019 15:22

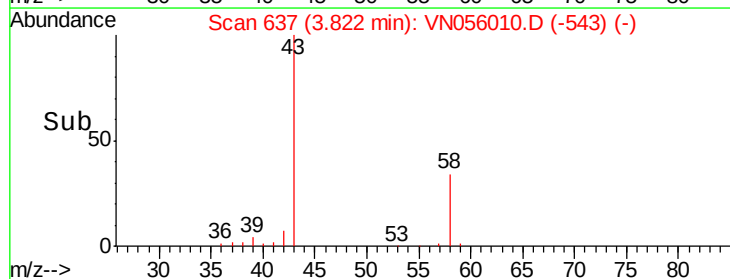
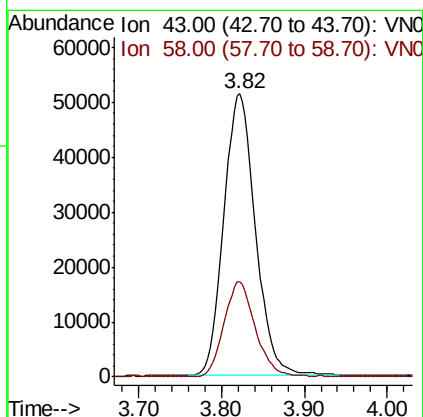
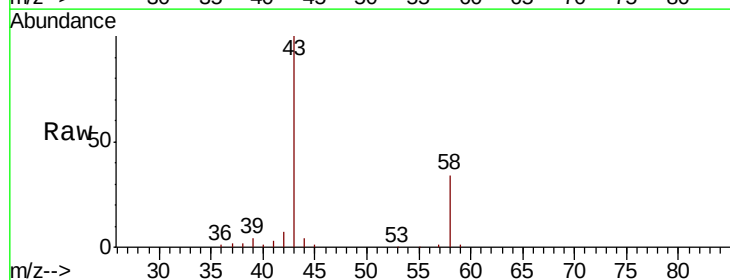
Instrument :
 MSVOA_N
 ClientSampleId :

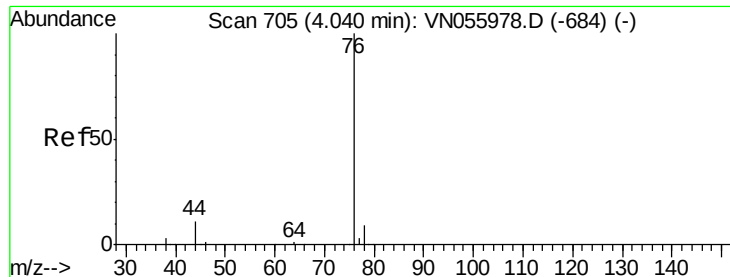
Tot Ion: 53 Resp: 158061
 Ion Ratio Lower Upper
 53 100
 52 82.6 65.8 98.8
 51 35.0 28.2 42.4



#16
 Acetone
 Concen: 88.046 ug/l
 RT: 3.82 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: VN056010.D
 Acq: 5 Jun 2019 15:22

Tgt Ion: 43 Resp: 135951
 Ion Ratio Lower Upper
 43 100
 58 34.0 26.6 39.8

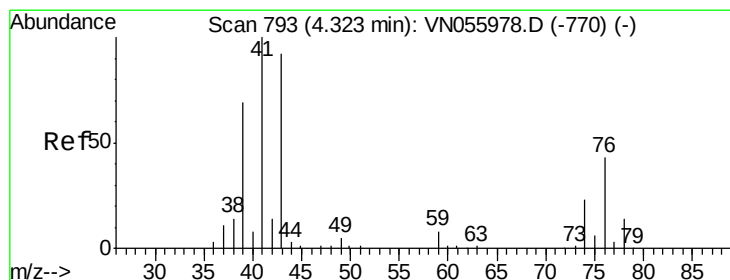
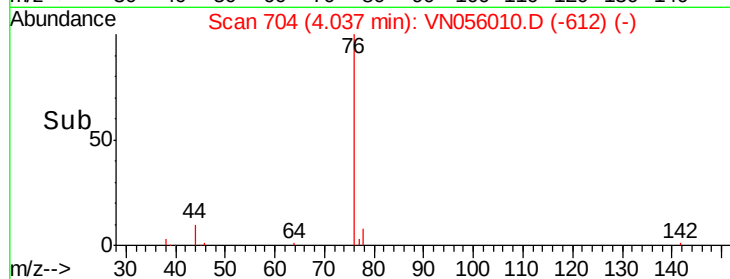
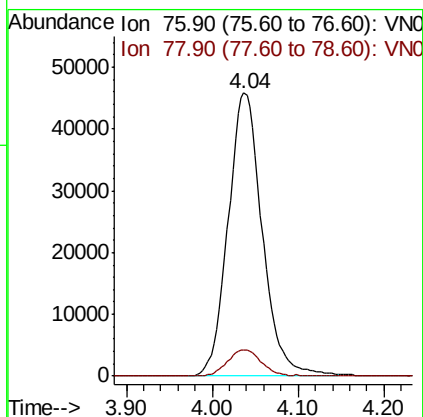
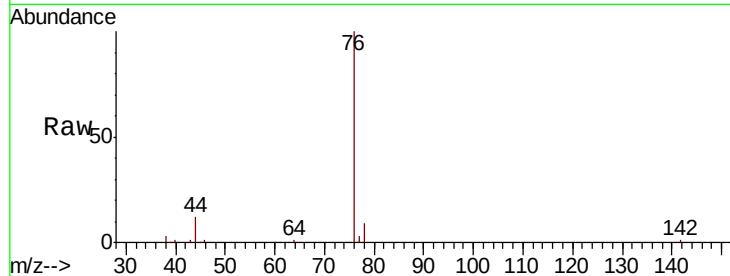




#17
Carbon Disulfide
Concen: 19.388 ug/l
RT: 4.04 min Scan# 704
Delta R.T. -0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

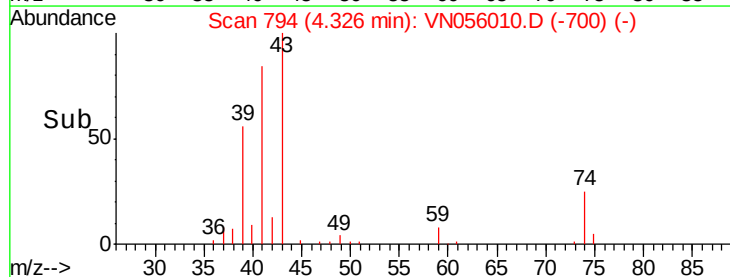
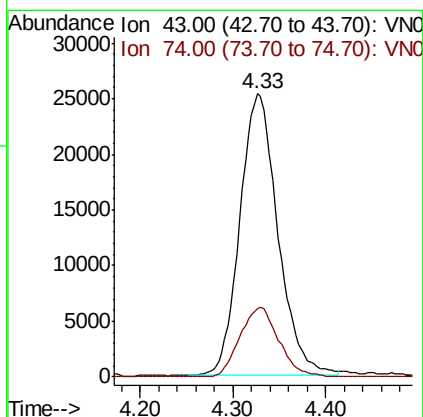
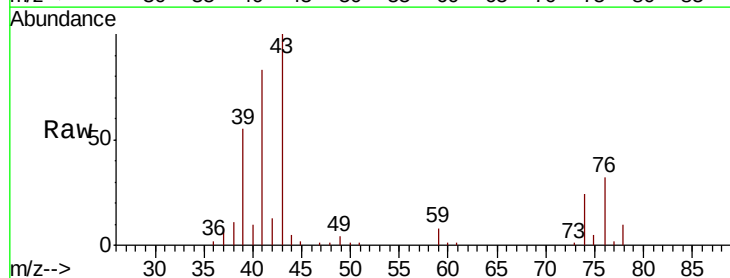
Instrument :
MSVOA_N
ClientSampled :

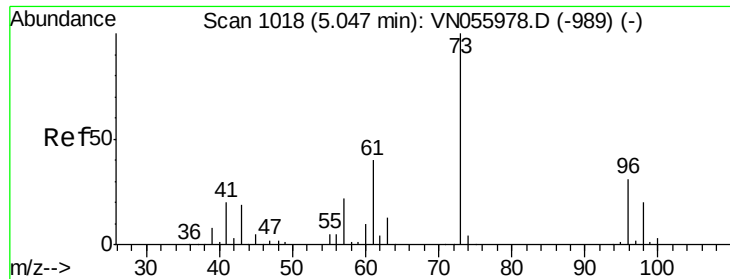
Tot Ion: 76 Resp: 126715
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2



#18
Methyl Acetate
Concen: 23.390 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Tgt Ion: 43 Resp: 71876
Ion Ratio Lower Upper
43 100
74 25.3 19.3 28.9

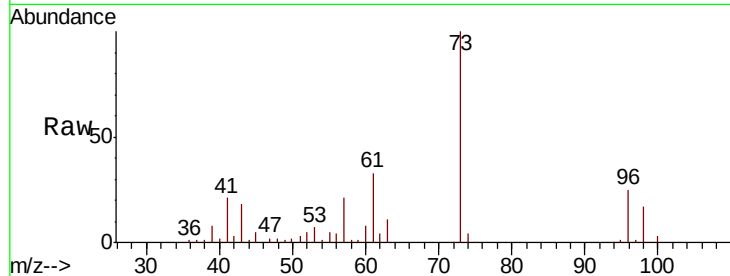




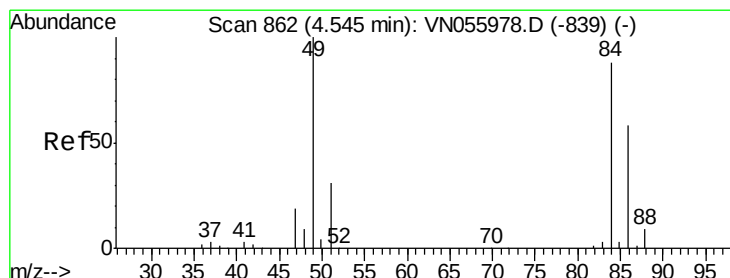
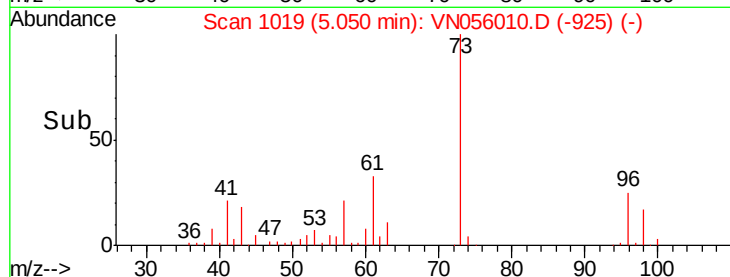
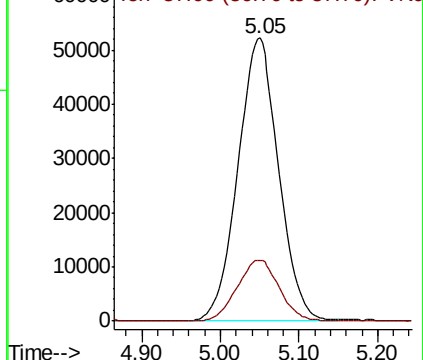
#19
Methyl tert-butyl Ether
Concen: 21.766 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 73 Resp: 189381
Ion Ratio Lower Upper
73 100
57 21.5 17.8 26.8

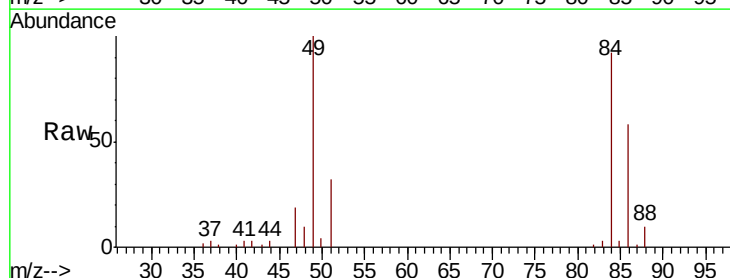


Abundance Ion 73.00 (72.70 to 73.70): VN055978.D (-989) (-)
Ion 57.00 (56.70 to 57.70): VN055978.D (-989) (-)

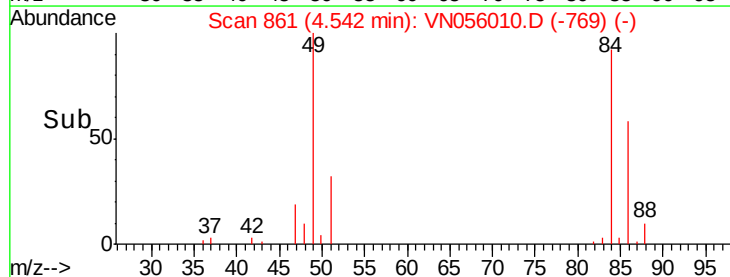
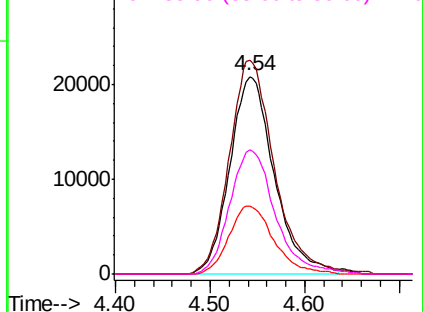


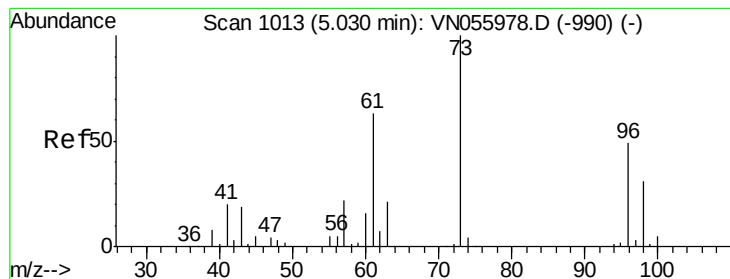
#20
Methylene Chloride
Concen: 21.341 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Tgt Ion: 84 Resp: 67890
Ion Ratio Lower Upper
84 100
49 108.3 93.5 140.3
51 34.4 28.6 43.0
86 62.8 52.6 79.0



Abundance Ion 83.90 (83.60 to 84.60): VN055978.D (-839) (-)
Ion 48.90 (48.60 to 49.60): VN055978.D (-839) (-)
Ion 50.90 (50.60 to 51.60): VN055978.D (-839) (-)
Ion 85.90 (85.60 to 86.60): VN055978.D (-839) (-)





#21

trans-1,2-Dichloroethene

Concen: 21.157 ug/l

RT: 5.03 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

Instrument :

MSVOA_N

ClientSampled :

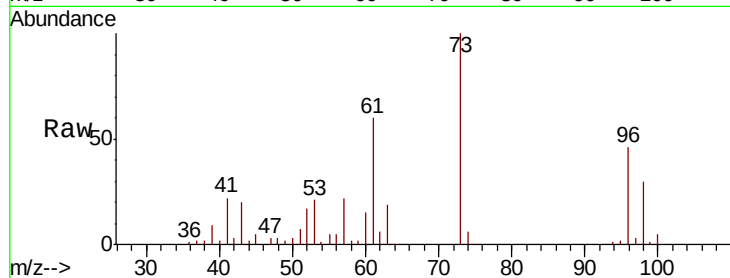
Tot Ion: 96 Resp: 61878

Ion Ratio Lower Upper

96 100

61 129.3 107.8 161.8

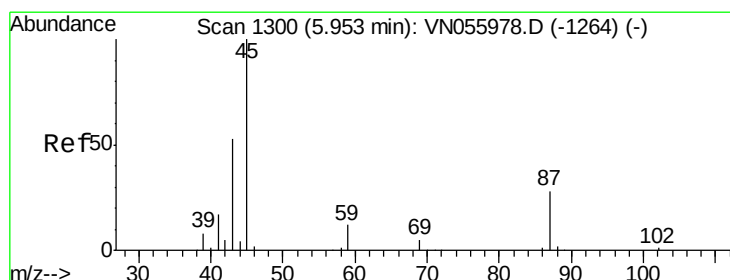
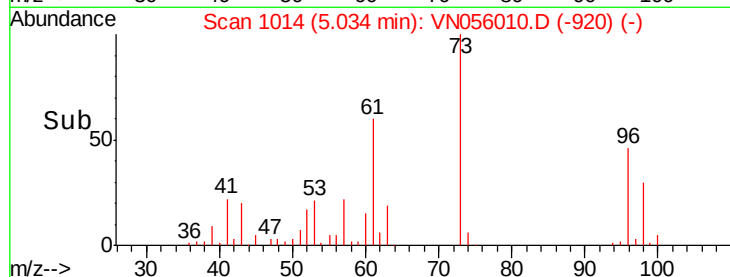
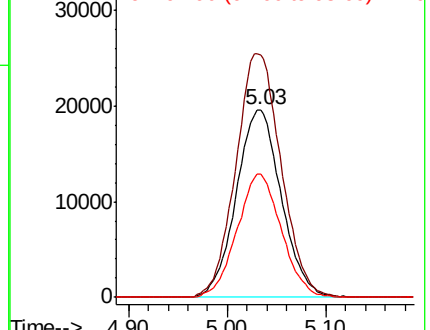
98 66.1 49.8 74.8



Abundance Ion 95.90 (95.60 to 96.60): VN055978.D (-990) (-)

Ion 60.90 (60.60 to 61.60): VN055978.D (-990) (-)

Ion 97.90 (97.60 to 98.60): VN055978.D (-990) (-)



#22

Diisopropyl ether

Concen: 20.925 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

Tgt Ion: 45 Resp: 186442

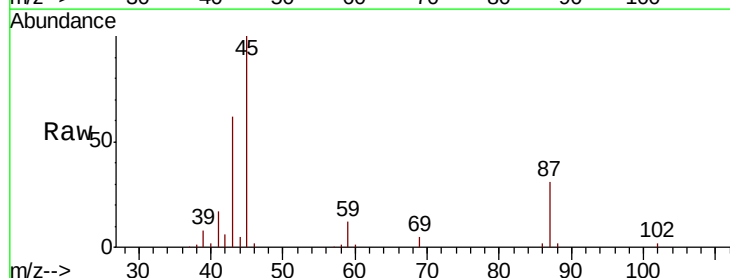
Ion Ratio Lower Upper

45 100

43 59.4 45.0 67.6

87 30.5 22.2 33.4

59 11.7 9.1 13.7

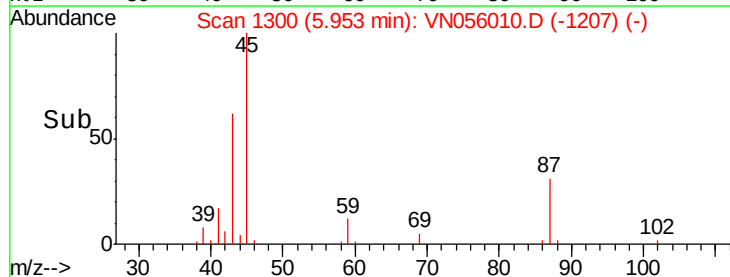
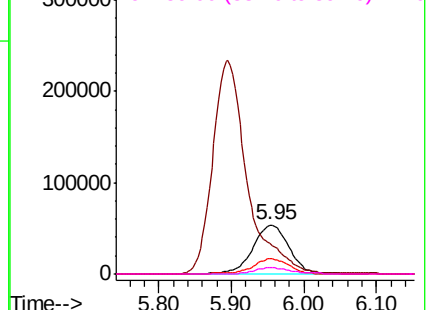


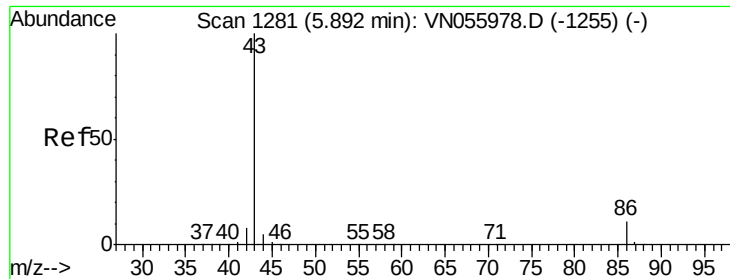
Abundance Ion 45.00 (44.70 to 45.70): VN055978.D (-1264) (-)

Ion 43.00 (42.70 to 43.70): VN055978.D (-1264) (-)

Ion 87.00 (86.70 to 87.70): VN055978.D (-1264) (-)

Ion 59.00 (58.70 to 59.70): VN055978.D (-1264) (-)





#23

Vinyl Acetate

Concen: 110.341 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

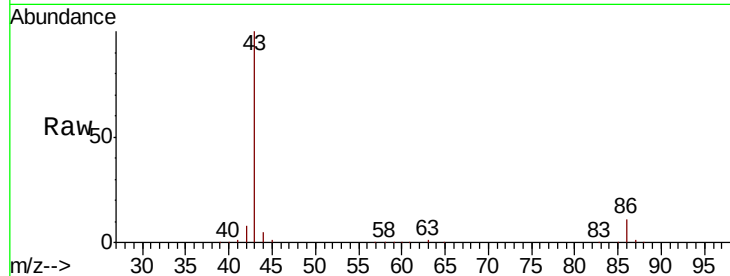
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 774206

Ion Ratio Lower Upper

43 100

86 11.4 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.90

250000

200000

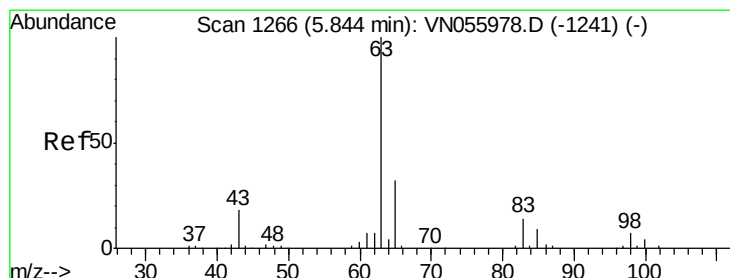
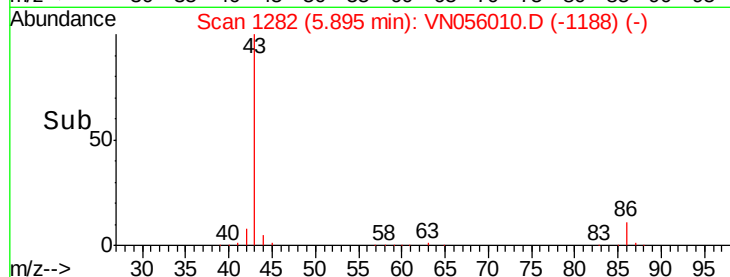
150000

100000

50000

0

Time--> 5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 21.186 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

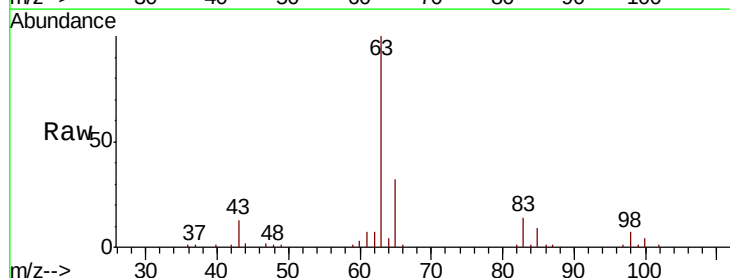
Tgt Ion: 63 Resp: 108886

Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.1

100 4.2 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

5.84

40000

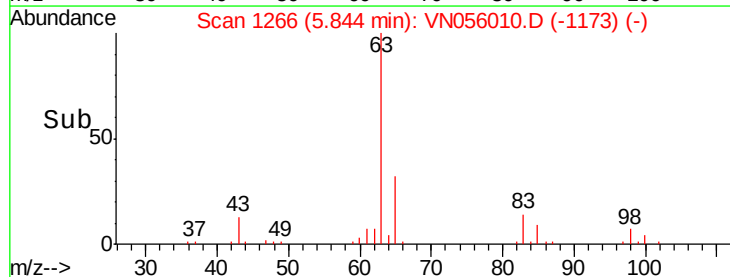
30000

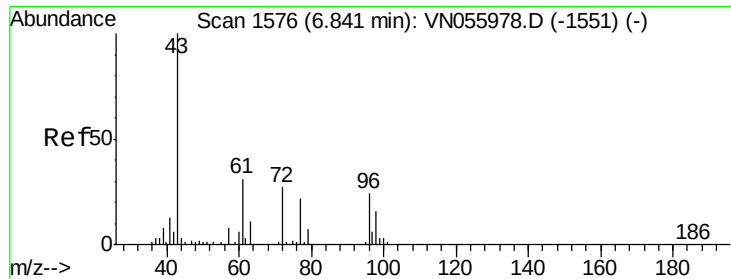
20000

10000

0

Time--> 5.70 5.80 5.90

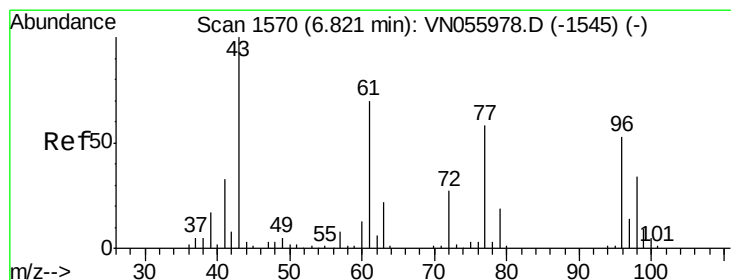
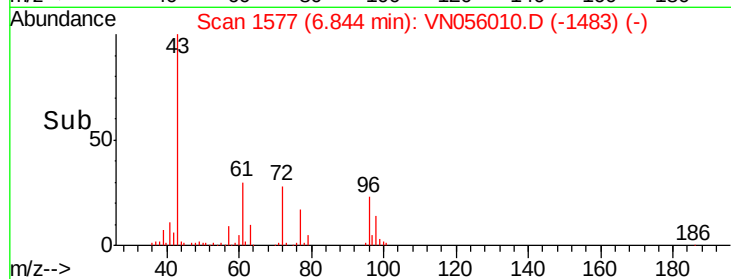
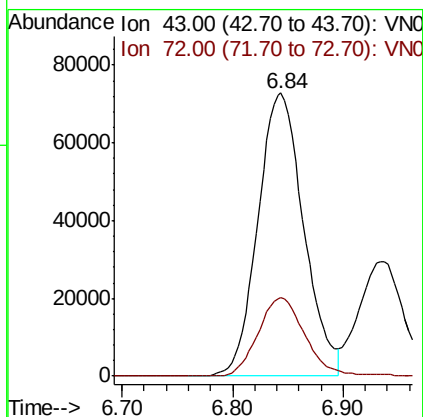
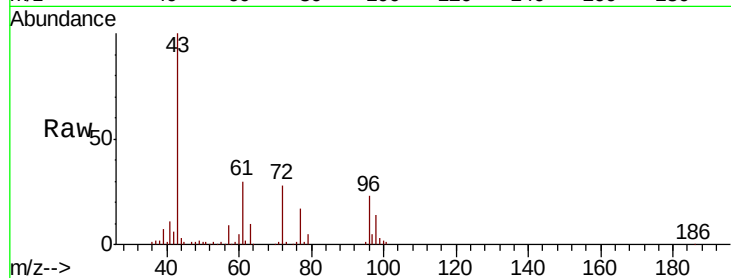




#25
2-Butanone
Concen: 106.769 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

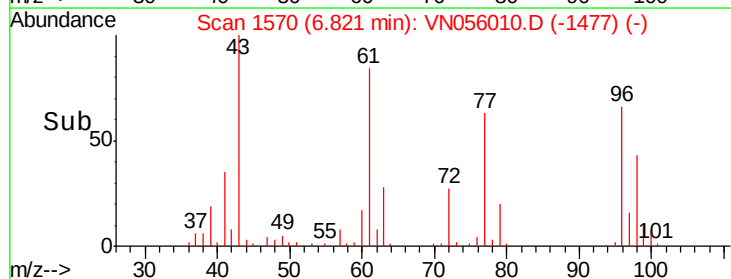
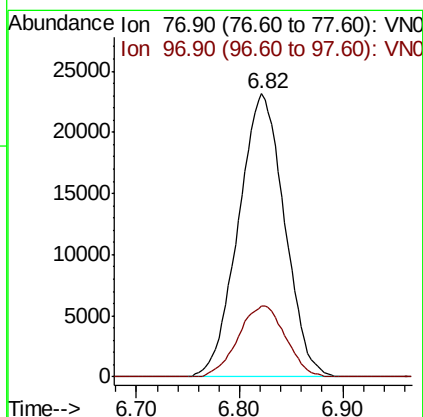
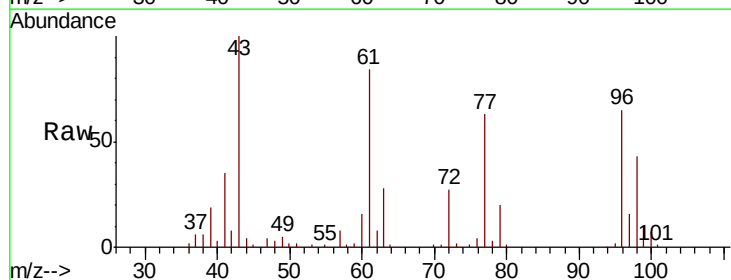
Instrument :
MSVOA_N
ClientSampled :

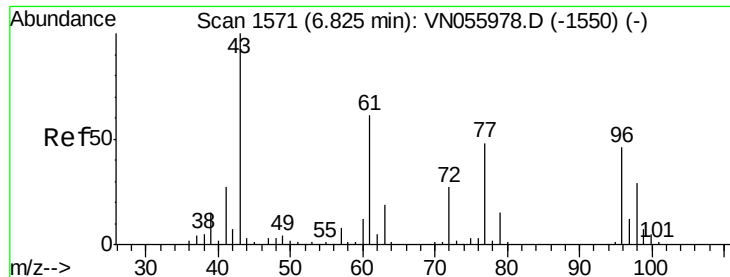
Tot Ion: 43 Resp: 208296
Ion Ratio Lower Upper
43 100
72 27.6 21.9 32.9



#26
2,2-Dichloropropane
Concen: 17.890 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Tgt Ion: 77 Resp: 71747
Ion Ratio Lower Upper
77 100
97 25.8 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 21.416 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

Instrument :
MSVOA_N
ClientSampled :

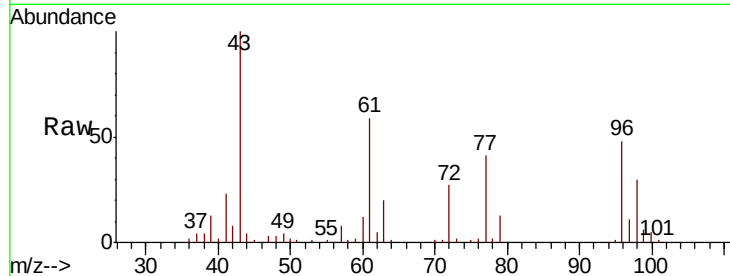
Tot Ion: 96 Resp: 73625

Ion Ratio Lower Upper

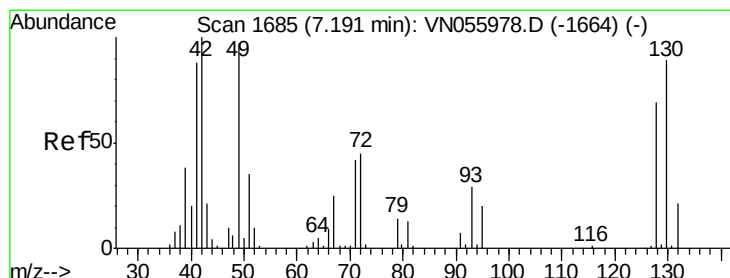
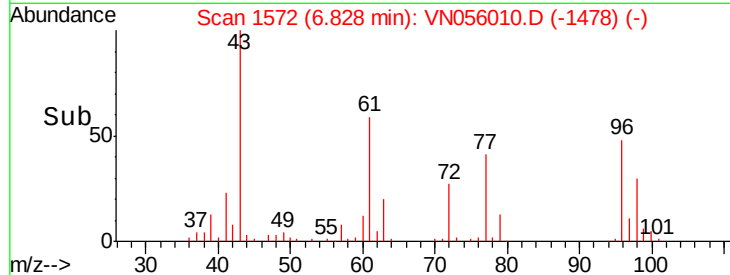
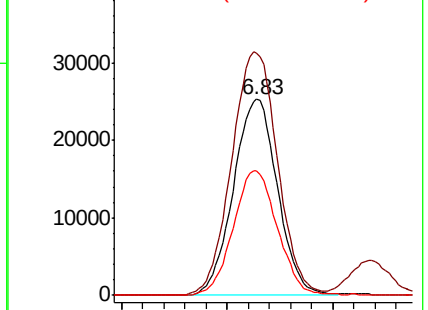
96 100

61 129.2 0.0 275.8

98 63.3 0.0 128.4



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: 19.970 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

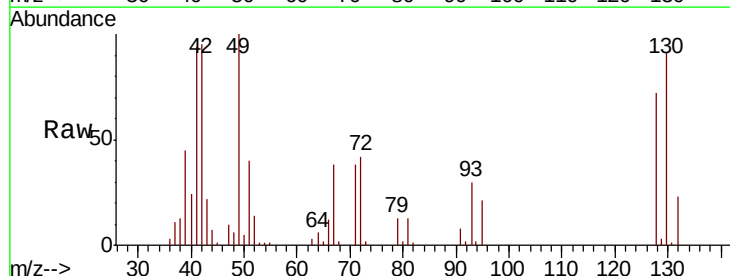
Tgt Ion: 49 Resp: 48536

Ion Ratio Lower Upper

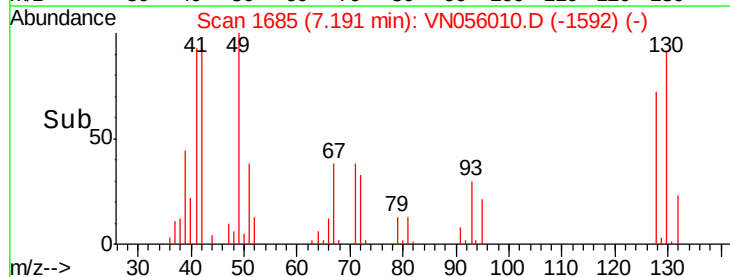
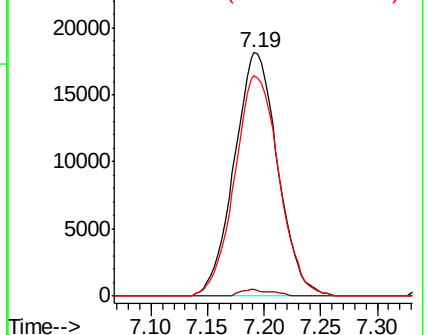
49 100

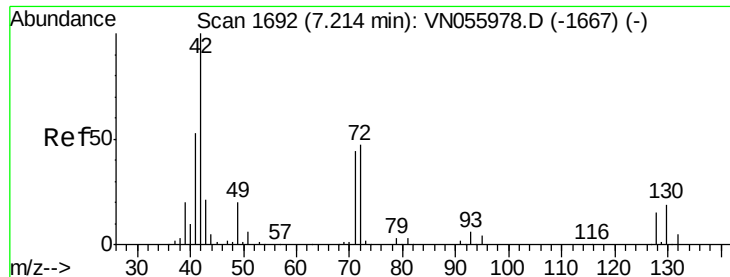
129 2.0 0.0 4.4

130 92.1 71.2 106.8



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

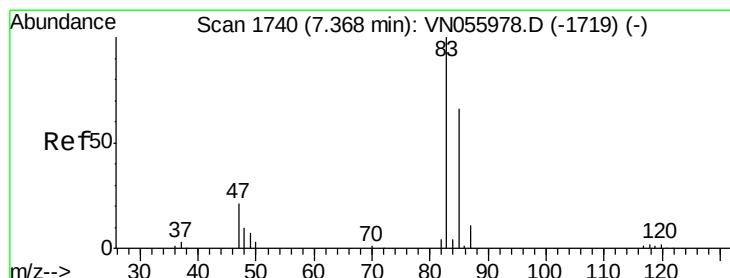
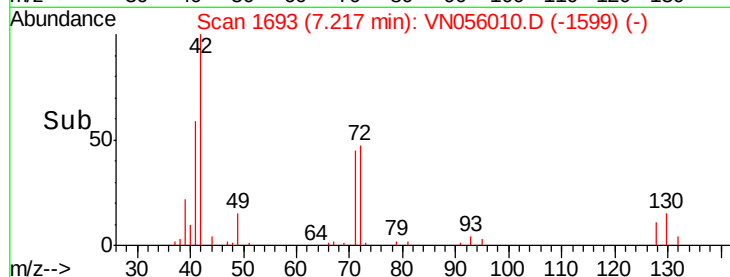
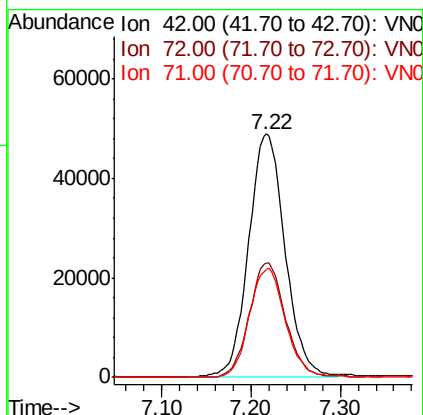
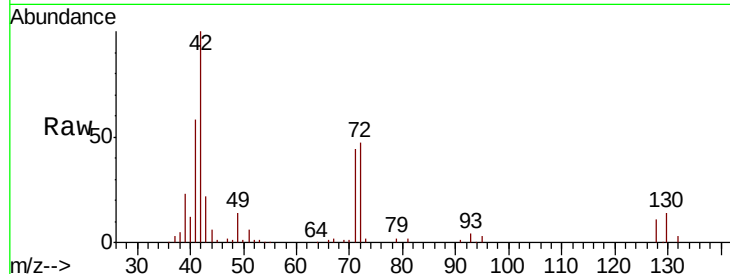




#29
Tetrahydrofuran
Concen: 115.480 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

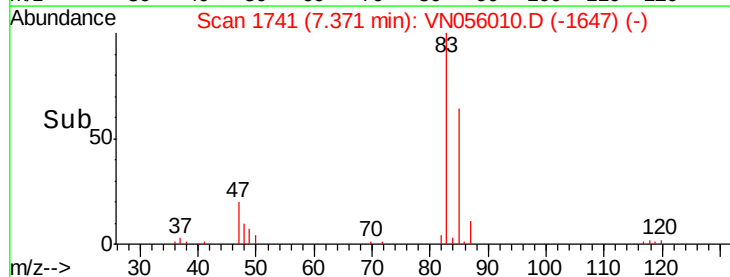
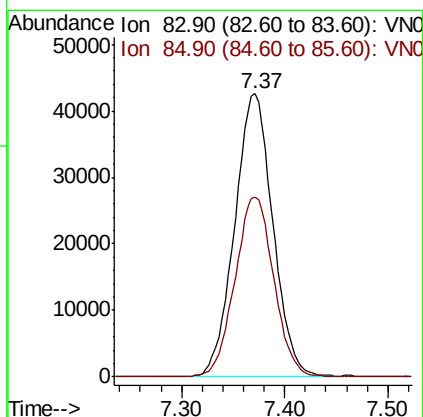
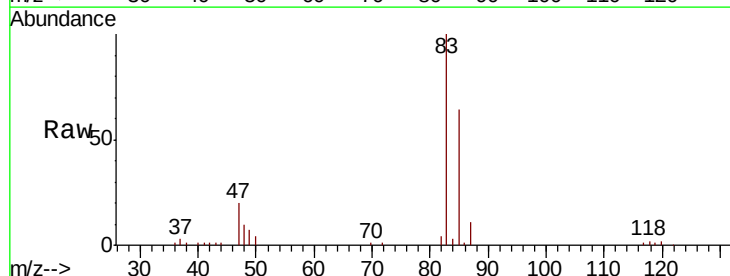
Instrument :
MSVOA_N
ClientSampleId :

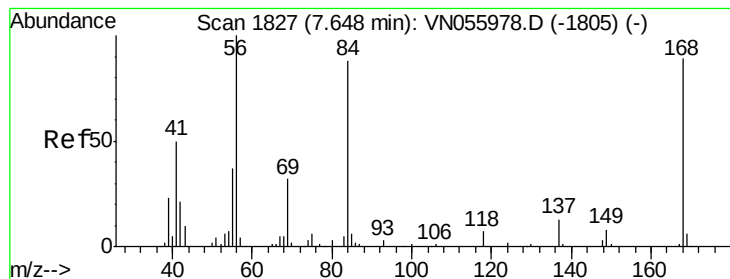
Tot Ion: 42 Resp: 139261
Ion Ratio Lower Upper
42 100
72 46.3 35.9 53.9
71 44.1 34.0 51.0



#30
Chloroform
Concen: 21.211 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Tgt Ion: 83 Resp: 109665
Ion Ratio Lower Upper
83 100
85 63.7 51.8 77.8





#31

Cyclohexane

Concen: 20.418 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

Instrument :

MSVOA_N

ClientSampleId :

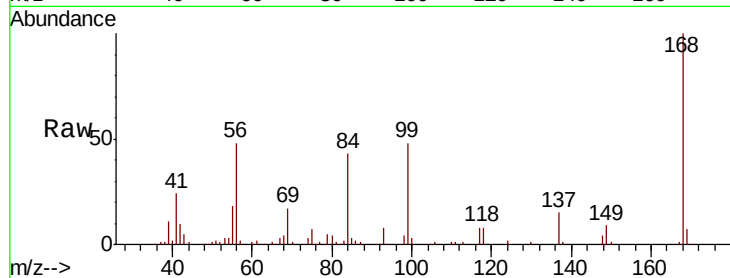
Tot Ion: 56 Resp: 104602

Ion Ratio Lower Upper

56 100

69 36.0 25.6 38.4

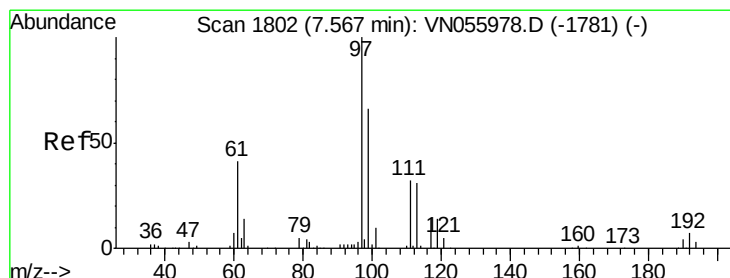
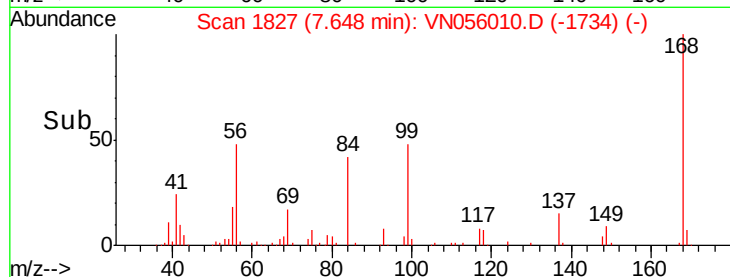
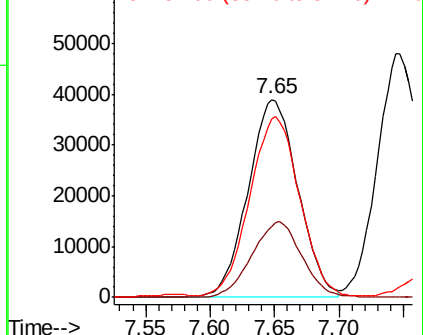
84 89.2 67.4 101.0



Abundance Ion 56.00 (55.70 to 56.70): VN056010.D (-1734) (-)

Ion 69.00 (68.70 to 69.70): VN056010.D (-1734) (-)

Ion 84.00 (83.70 to 84.70): VN056010.D (-1734) (-)



#32

1,1,1-Trichloroethane

Concen: 21.192 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

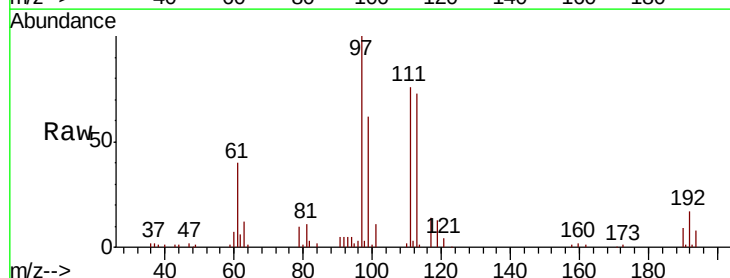
Tgt Ion: 97 Resp: 91493

Ion Ratio Lower Upper

97 100

99 64.0 52.0 78.0

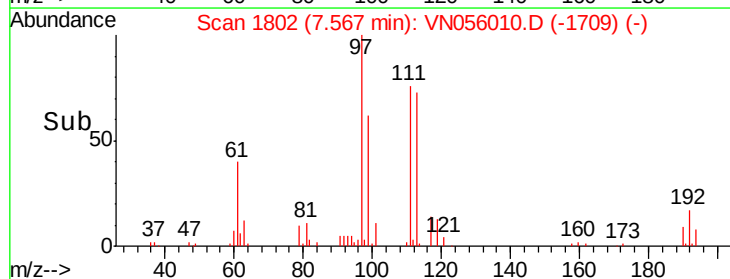
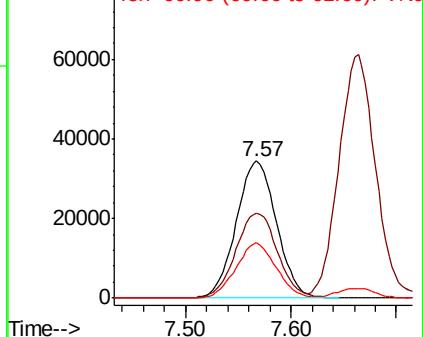
61 40.1 32.9 49.3

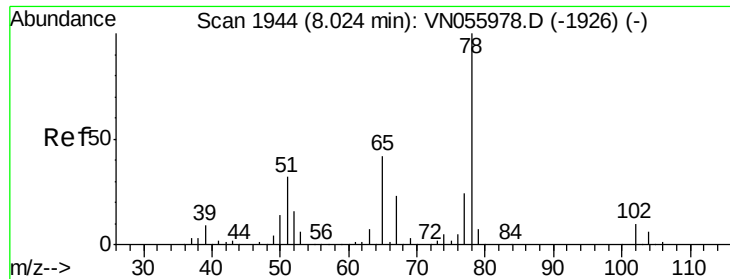


Abundance Ion 96.90 (96.60 to 97.60): VN056010.D (-1709) (-)

Ion 98.90 (98.60 to 99.60): VN056010.D (-1709) (-)

Ion 60.90 (60.60 to 61.60): VN056010.D (-1709) (-)

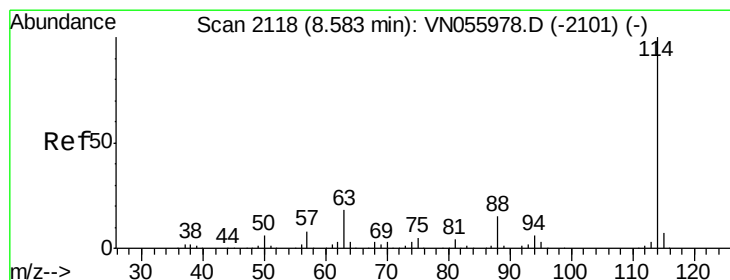
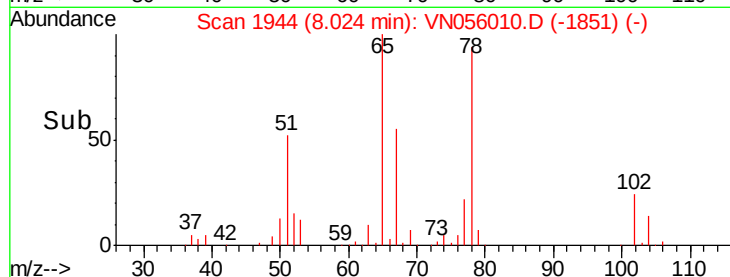
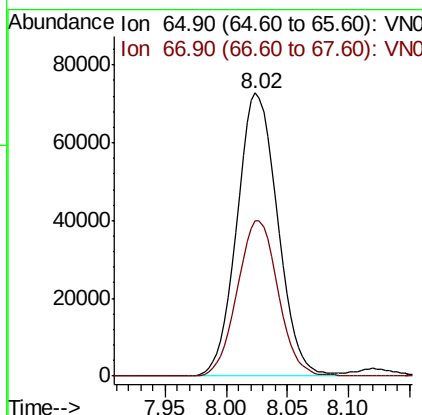
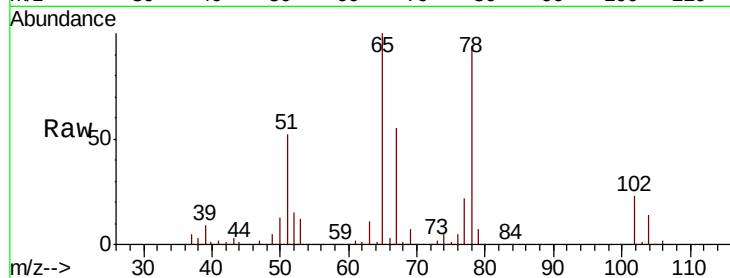




#33
 1,2-Dichloroethane-d4
 Concen: 52.043 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN056010.D
 Acq: 5 Jun 2019 15:22

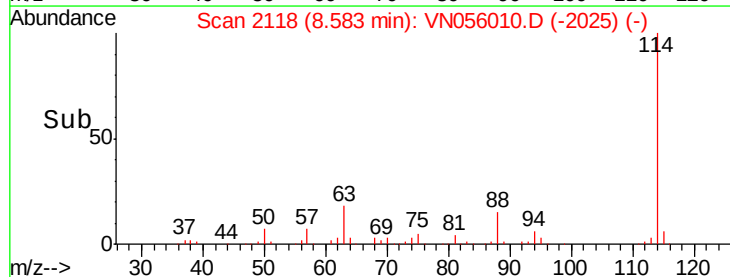
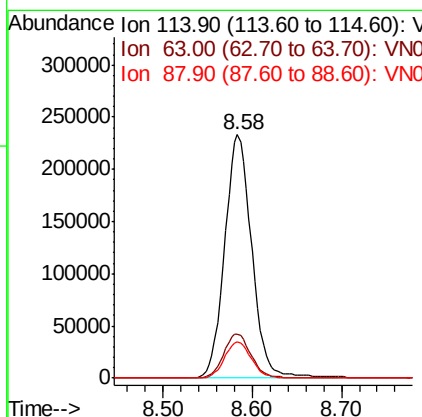
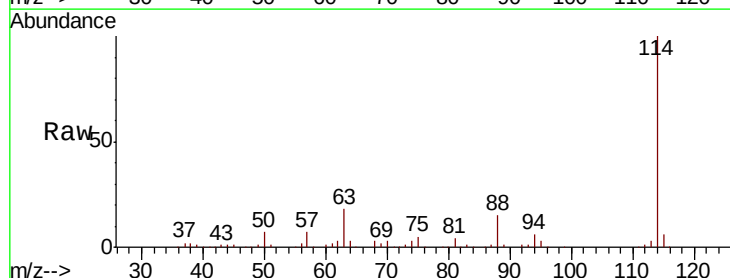
Instrument :
 MSVOA_N
 ClientSampled :

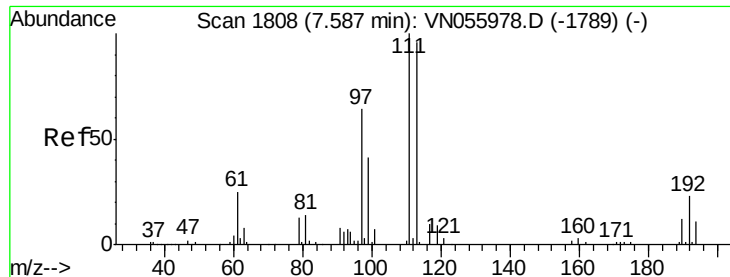
Tot Ion: 65 Resp: 168021
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056010.D
 Acq: 5 Jun 2019 15:22

Tgt Ion: 114 Resp: 490557
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 39.2
 88 14.9 0.0 31.0

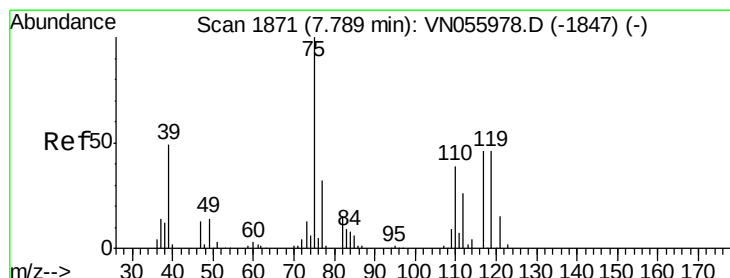
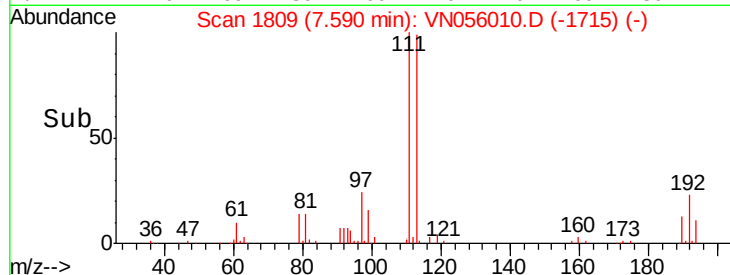
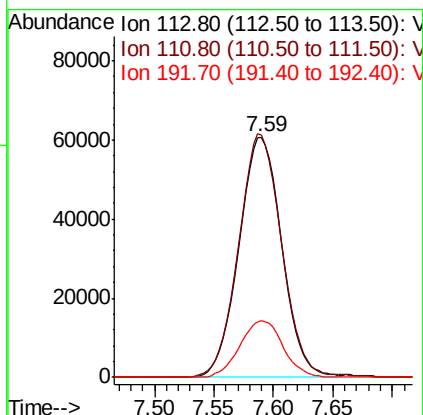
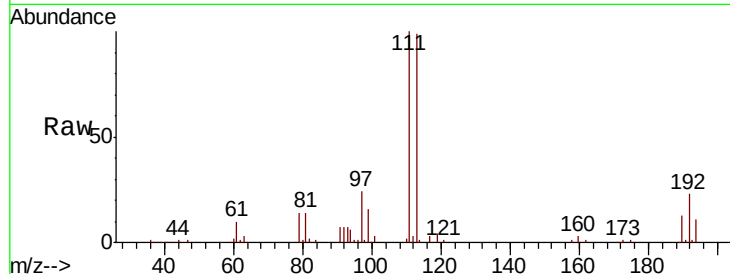




#35
 Dibromofluoromethane
 Concen: 50.272 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056010.D
 Acq: 5 Jun 2019 15:22

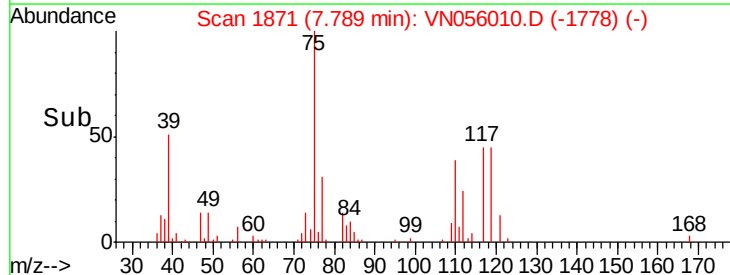
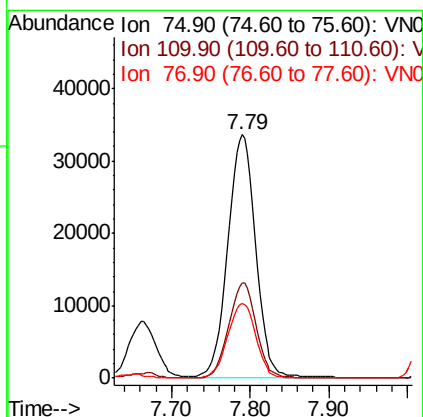
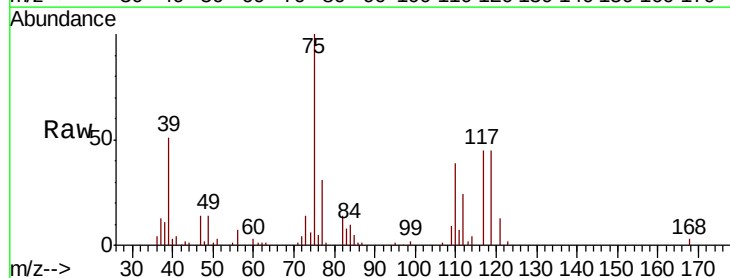
Instrument :
 MSVOA_N
 ClientSampleId :

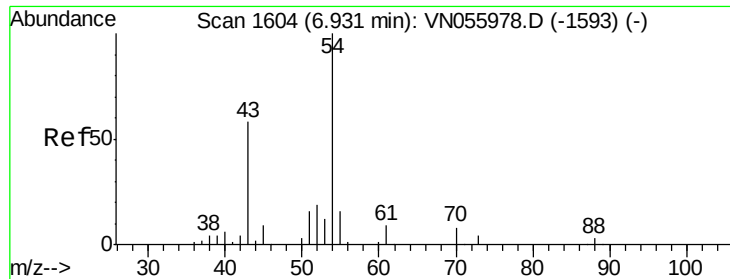
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.9	122.9
192	23.8	19.5	29.3



#36
 1,1-Dichloropropene
 Concen: 19.653 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN056010.D
 Acq: 5 Jun 2019 15:22

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.2	19.0	57.0
77	30.7	25.1	37.7

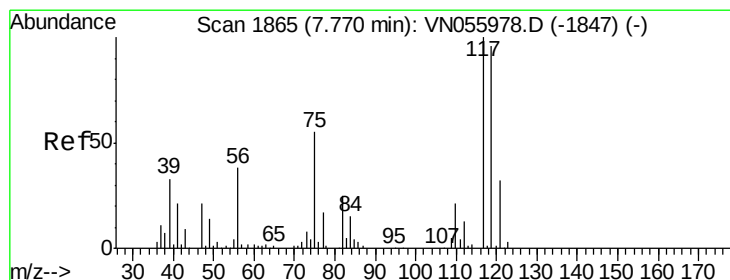
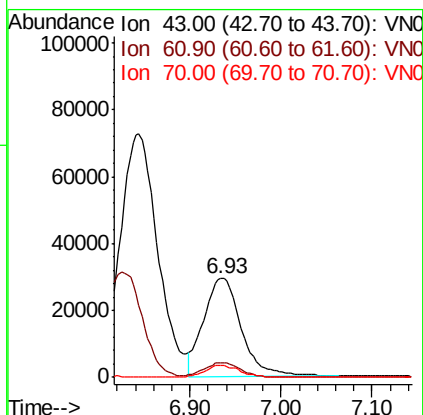
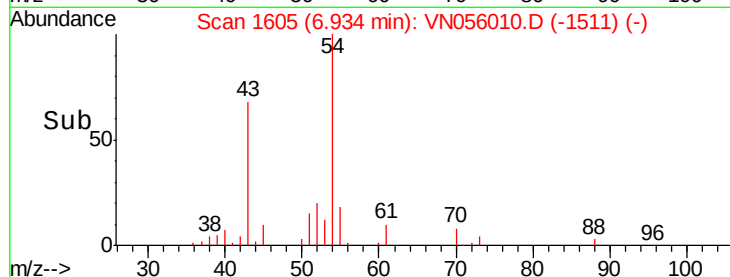
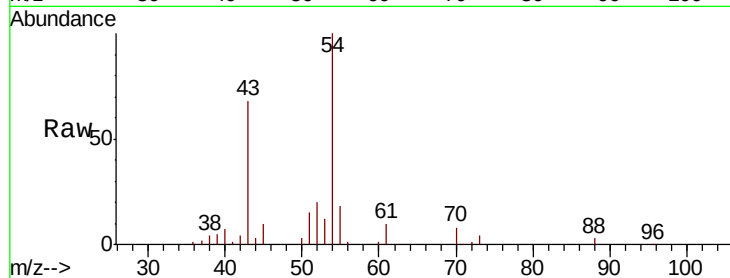




#37
Ethyl Acetate
Concen: 22.447 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

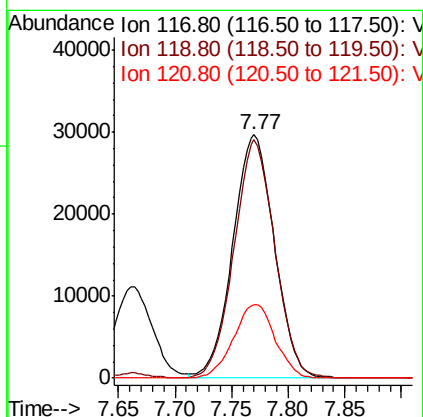
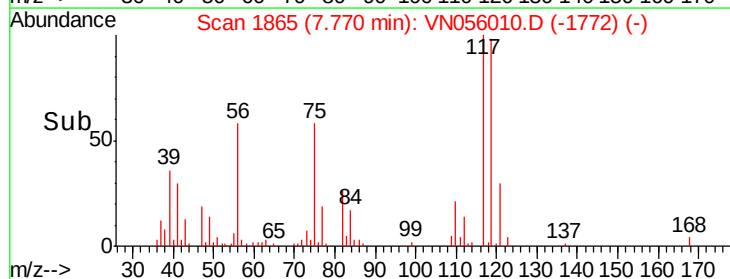
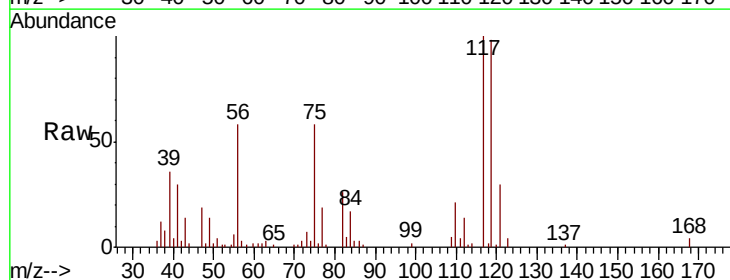
Instrument :
MSVOA_N
ClientSampled :

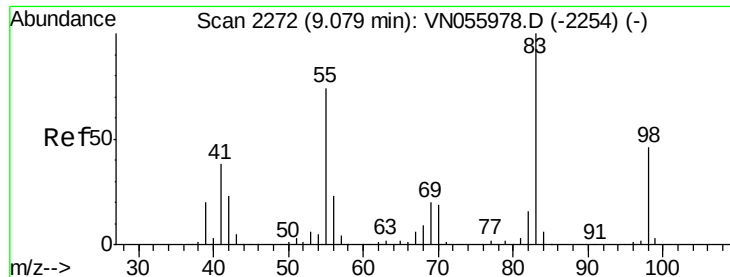
Tot Ion: 43 Resp: 84247
Ion Ratio Lower Upper
43 100
61 14.9 12.2 18.2
70 11.2 8.9 13.3



#38
Carbon Tetrachloride
Concen: 19.550 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Tgt Ion: 117 Resp: 76029
Ion Ratio Lower Upper
117 100
119 98.1 79.0 118.6
121 30.1 24.7 37.1

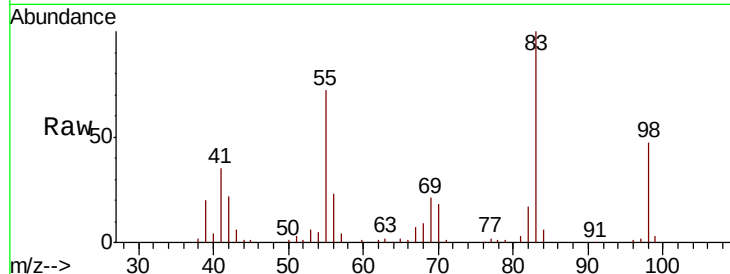




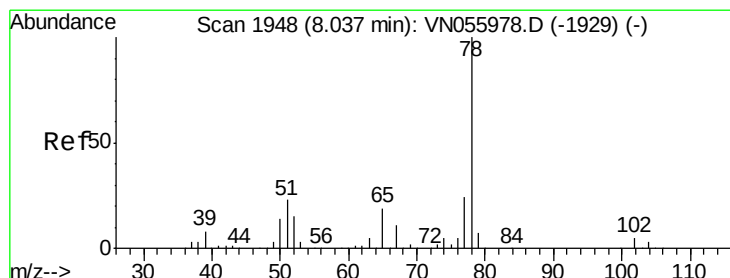
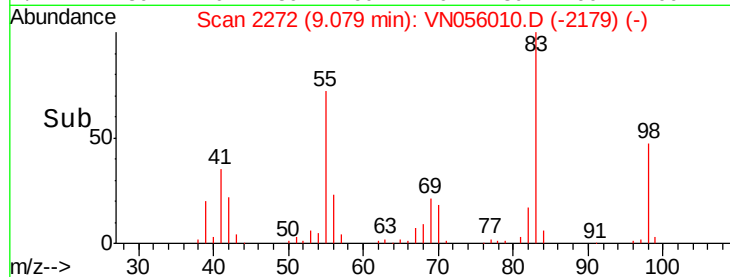
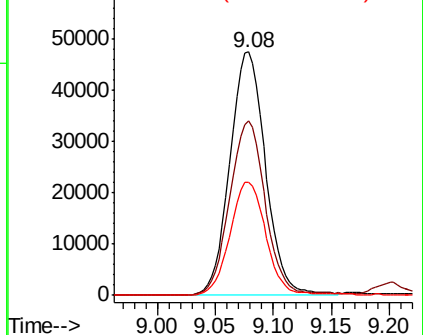
#39
Methylvlcyclohexane
Concen: 19.254 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 101169
Ion Ratio Lower Upper
83 100
55 71.9 59.3 88.9
98 46.6 36.6 54.8

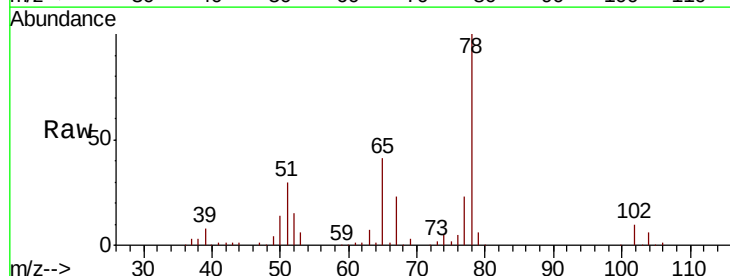


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

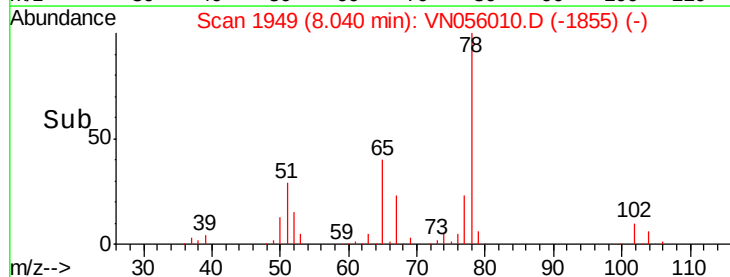
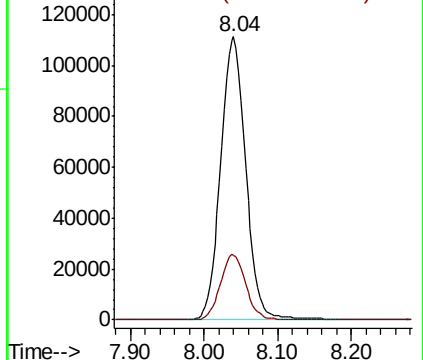


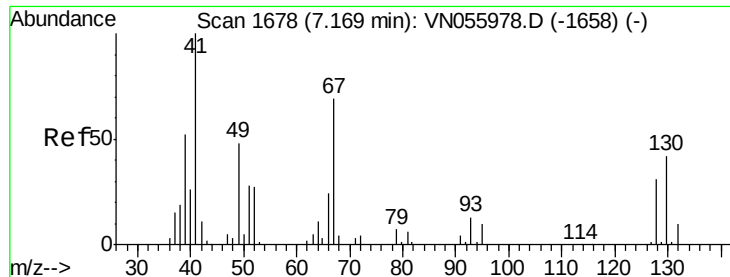
#40
Benzene
Concen: 20.548 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Tgt Ion: 78 Resp: 263249
Ion Ratio Lower Upper
78 100
77 22.9 18.8 28.2



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

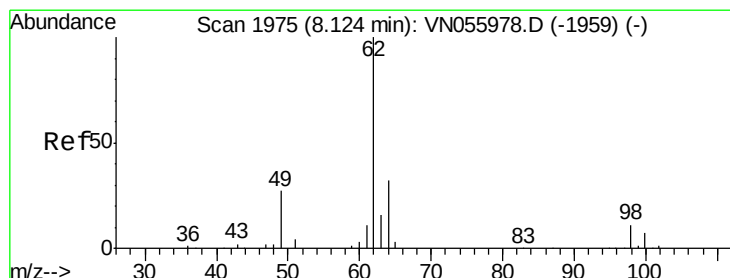
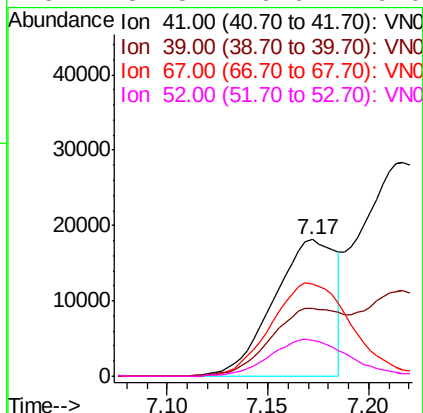
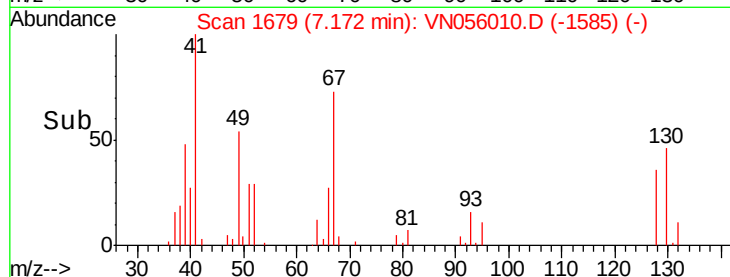
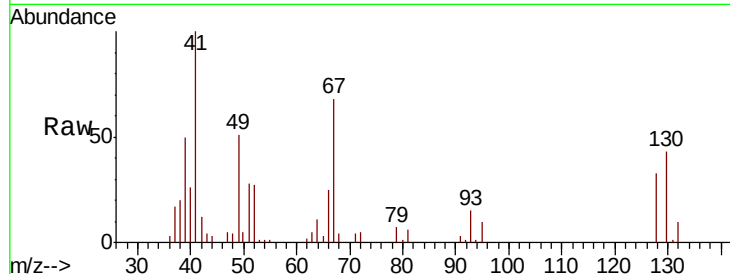




#41
Methacrylonitrile
Concen: 22.410 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

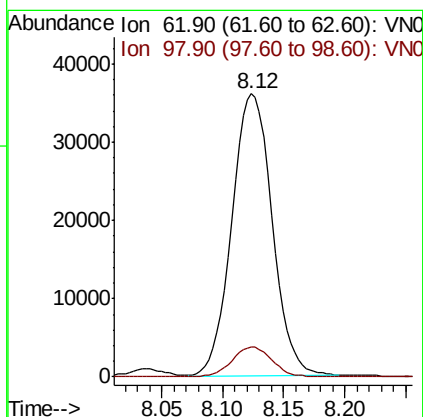
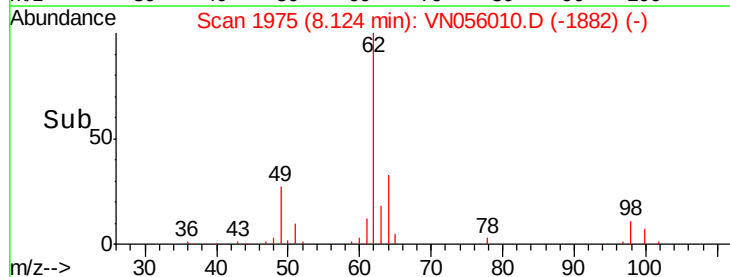
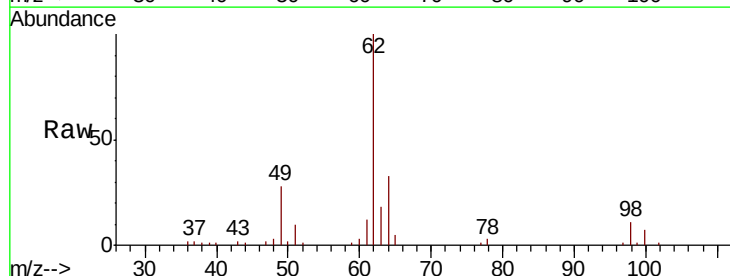
Instrument :
MSVOA_N
ClientSampled :

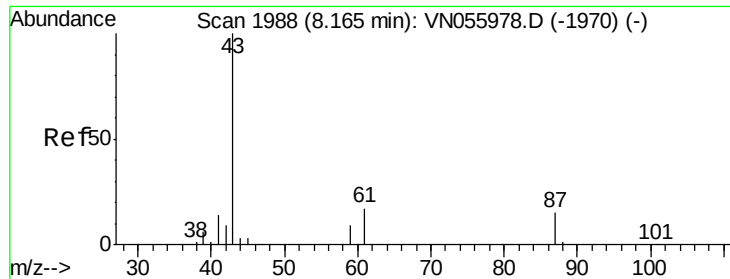
Tot Ion: 41 Resp: 38698
Ion Ratio Lower Upper
41 100
39 56.3 45.6 68.4
67 89.4 67.7 101.5
52 34.8 26.6 40.0



#42
1,2-Dichloroethane
Concen: 20.021 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Tgt Ion: 62 Resp: 82505
Ion Ratio Lower Upper
62 100
98 10.5 0.0 20.2





#43

Isopropyl Acetate

Concen: 21.553 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

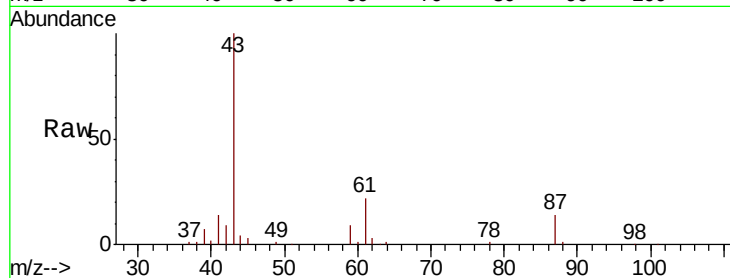
Instrument :

MSVOA_N

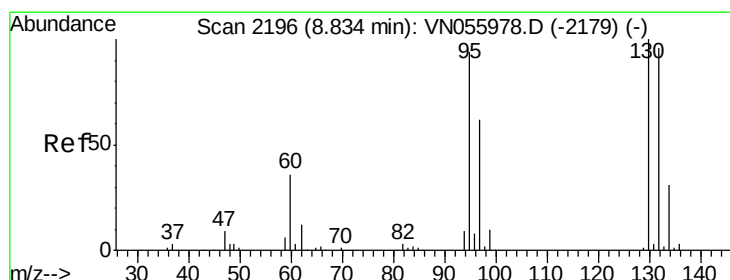
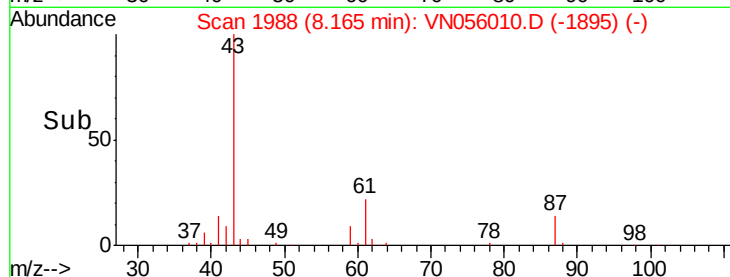
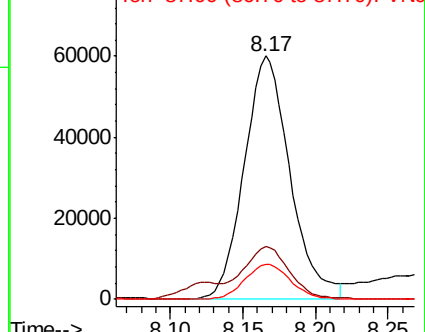
ClientSampled :

Tot Ion: 43 Resp: 131083

Ion	Ratio	Lower	Upper
43	100		
61	21.4	22.2	33.4#
87	14.5	11.4	17.2



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-1970) (-)



#44

Trichloroethene

Concen: 19.969 ug/l

RT: 8.83 min Scan# 2196

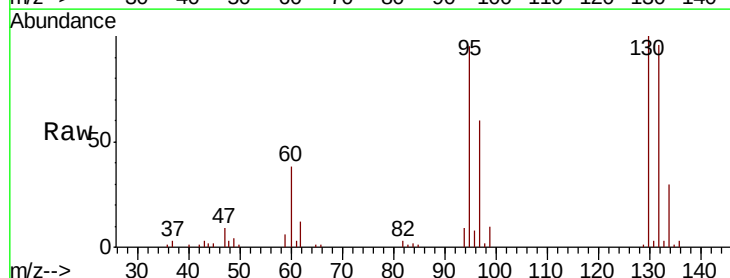
Delta R.T. 0.00 min

Lab File: VN056010.D

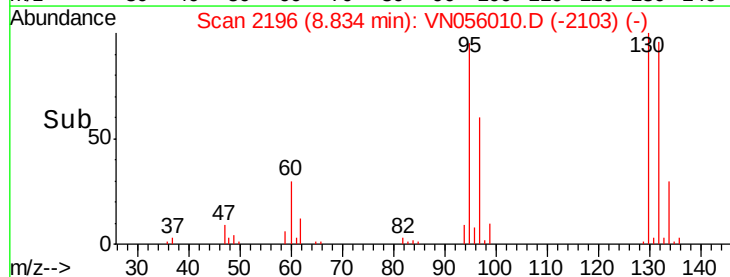
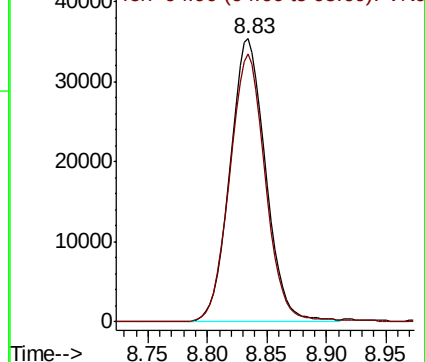
Acq: 5 Jun 2019 15:22

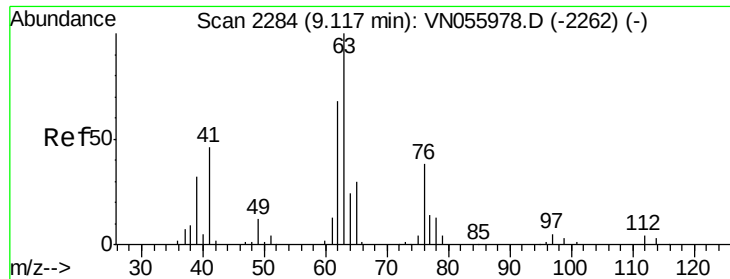
Tgt Ion:130 Resp: 73513

Ion	Ratio	Lower	Upper
130	100		
95	94.9	0.0	188.0



Abundance Ion 129.80 (129.50 to 130.50): VN055978.D (-2179) (-)

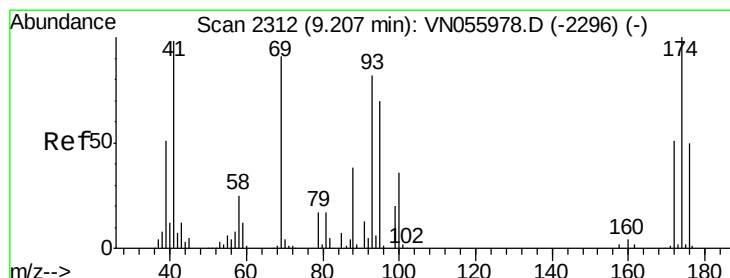
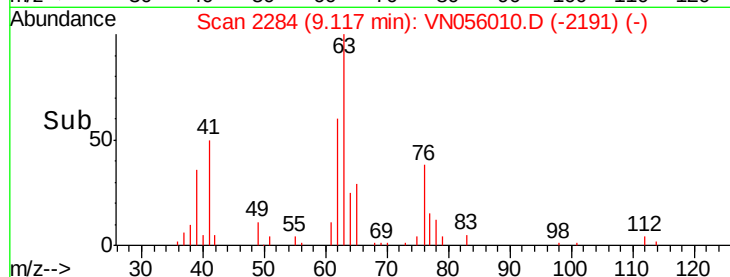
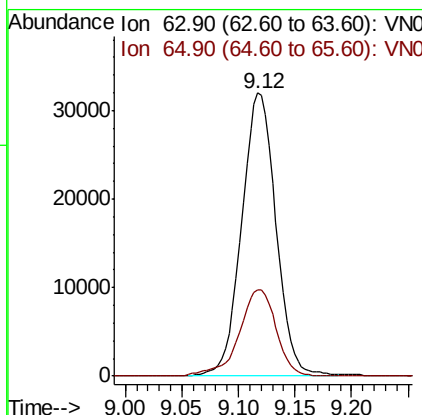
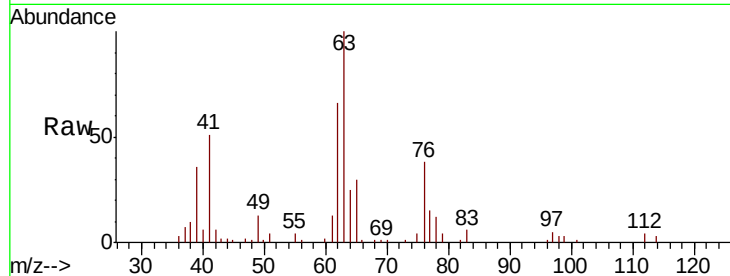




#45
 1,2-Dichloropropane
 Concen: 20.636 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN056010.D
 Acq: 5 Jun 2019 15:22

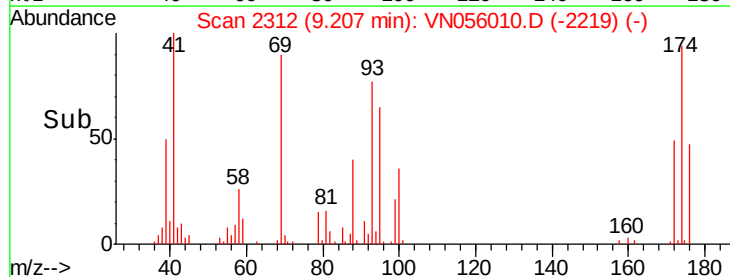
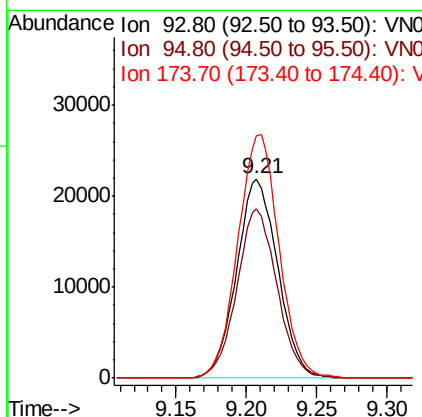
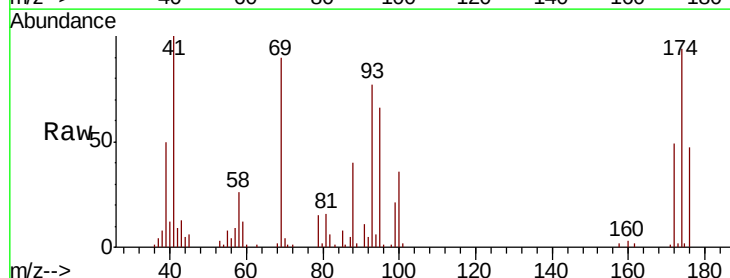
Instrument :
 MSVOA_N
 ClientSampled :

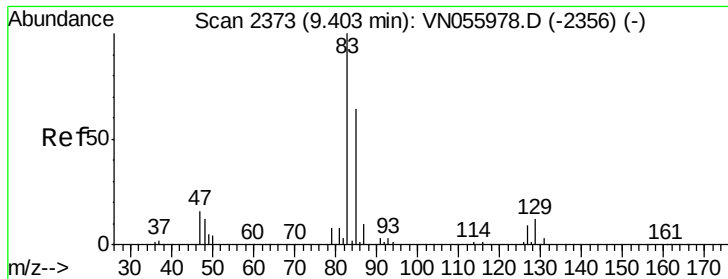
Tot Ion: 63 Resp: 67718
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.6 36.8



#46
 Dibromomethane
 Concen: 20.844 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN056010.D
 Acq: 5 Jun 2019 15:22

Tgt Ion: 93 Resp: 44728
 Ion Ratio Lower Upper
 93 100
 95 82.7 66.7 100.1
 174 122.7 96.4 144.6





#47

Bromodichloromethane

Concen: 20.136 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

Instrument :

MSVOA_N

ClientSampleId :

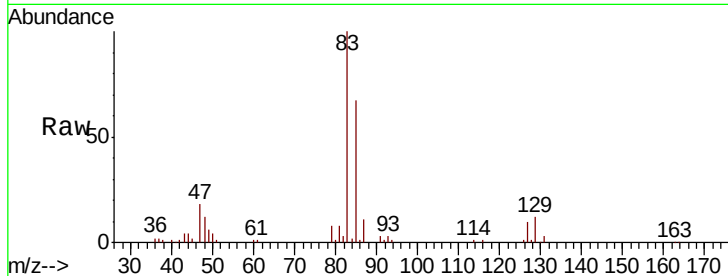
Tot Ion: 83 Resp: 78314

Ion Ratio Lower Upper

83 100

85 67.0 52.2 78.2

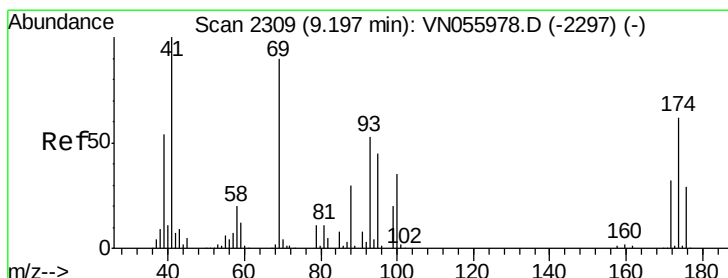
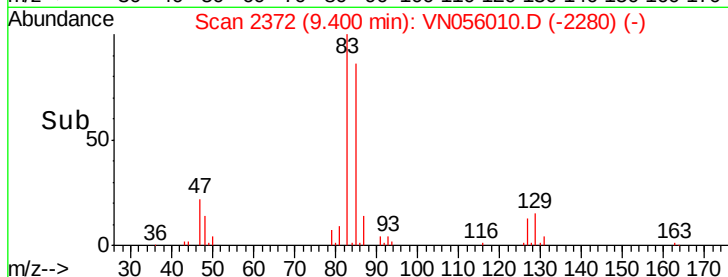
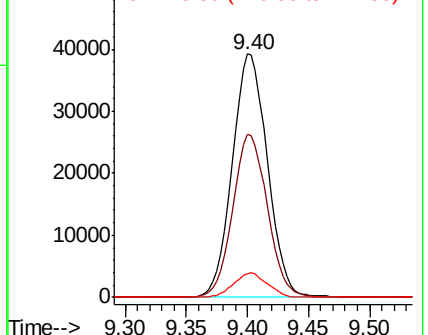
127 9.7 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN055978.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN055978.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN055978.D (-2356) (-)



#48

Methyl methacrylate

Concen: 21.601 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

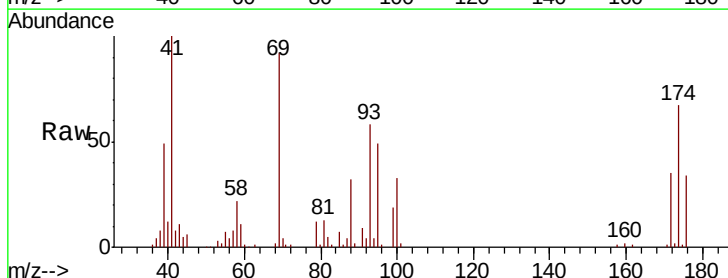
Tgt Ion: 41 Resp: 64271

Ion Ratio Lower Upper

41 100

69 92.3 71.0 106.6

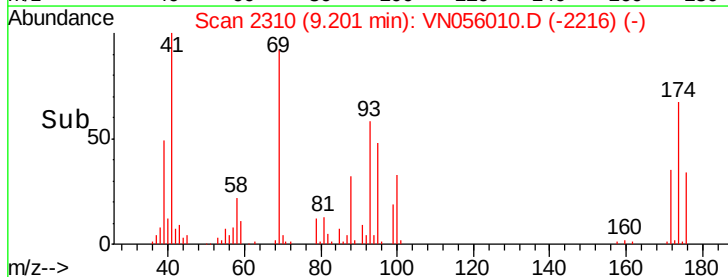
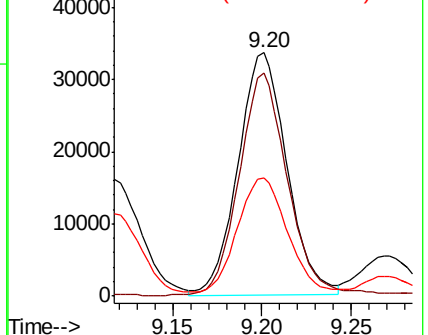
39 50.7 44.2 66.2

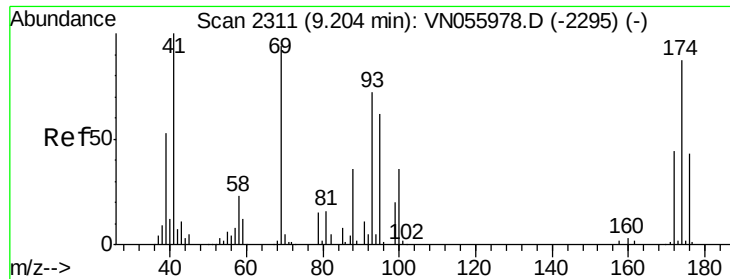


Abundance Ion 41.00 (40.70 to 41.70): VN055978.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN055978.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN055978.D (-2297) (-)

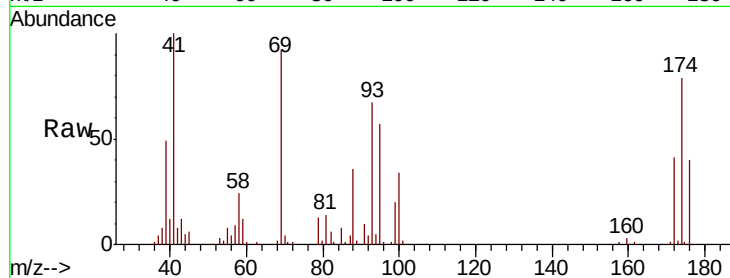




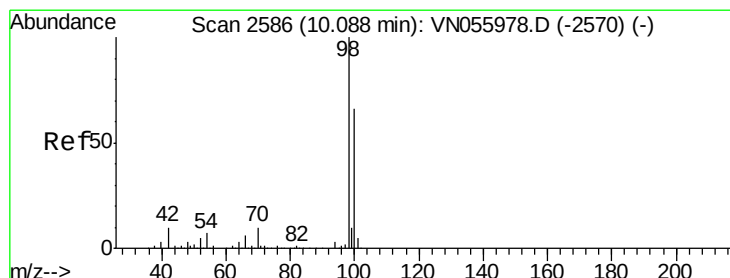
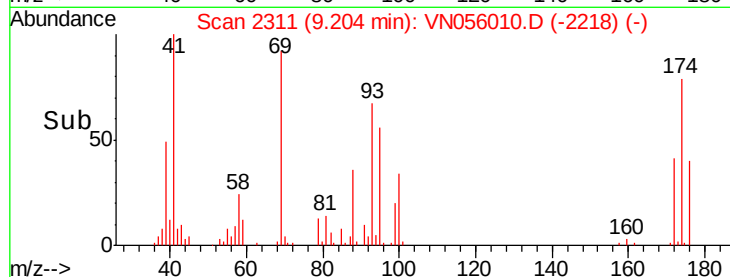
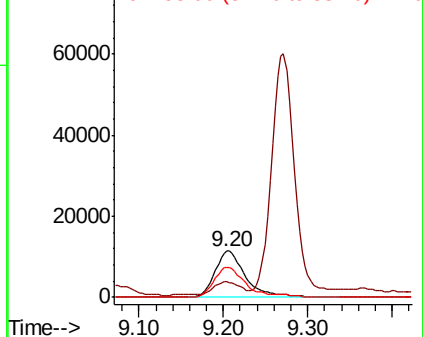
#49
1,4-Dioxane
Concen: 450.613 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 28945
Ion Ratio Lower Upper
88 100
43 23.7 20.5 30.7
58 63.1 55.8 83.6

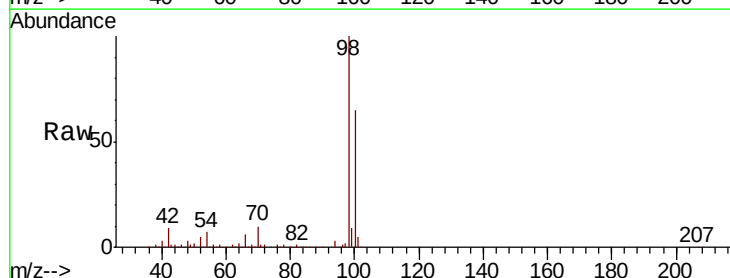


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

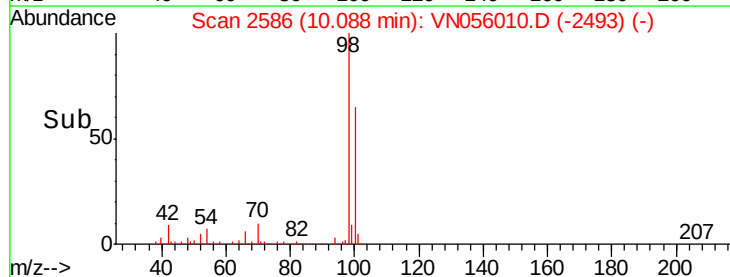
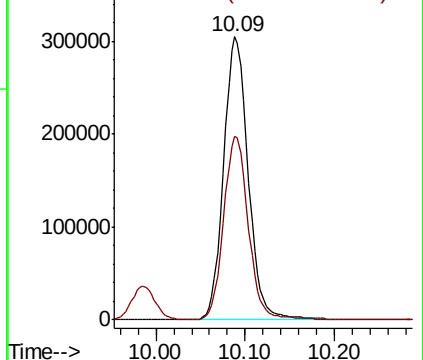


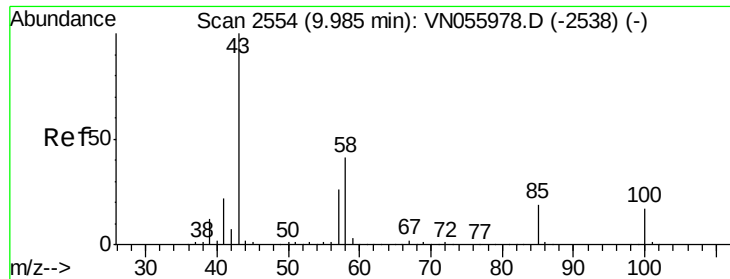
#50
Toluene-d8
Concen: 50.354 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Tgt Ion: 98 Resp: 583172
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9



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: 107.465 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

Instrument :

MSVOA_N

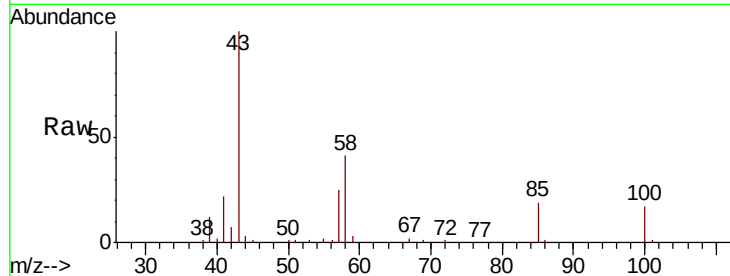
ClientSampled :

Tot Ion: 43 Resp: 408715

Ion Ratio Lower Upper

43 100

58 41.0 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

250000

200000

150000

100000

50000

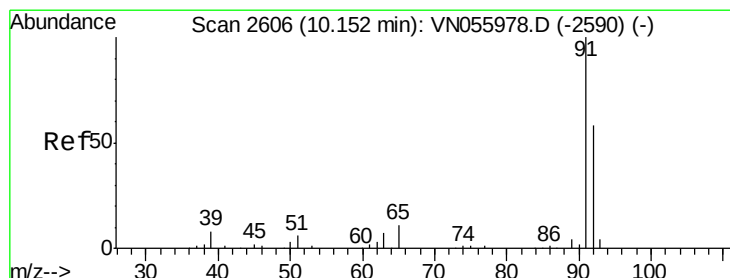
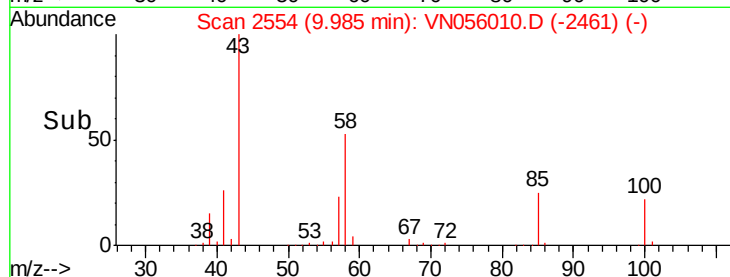
0

9.90

10.00

10.10

Time-->



#52

Toluene

Concen: 21.168 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN056010.D

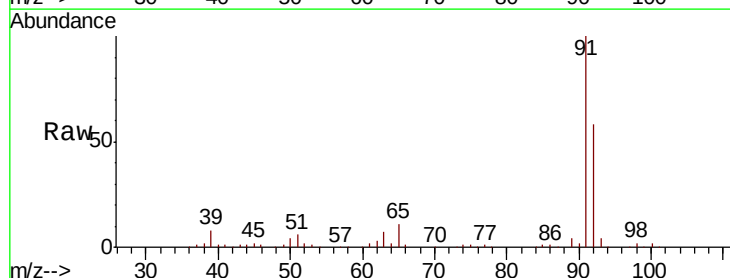
Acq: 5 Jun 2019 15:22

Tgt Ion: 92 Resp: 168750

Ion Ratio Lower Upper

92 100

91 172.6 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

150000

100000

50000

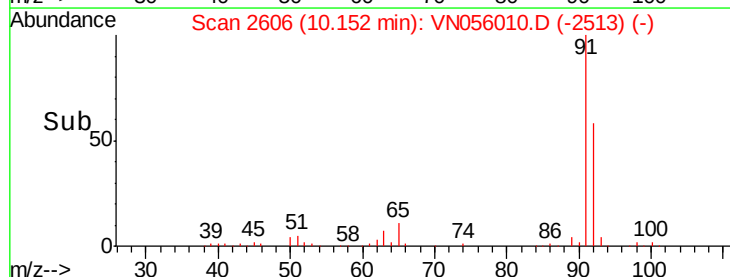
0

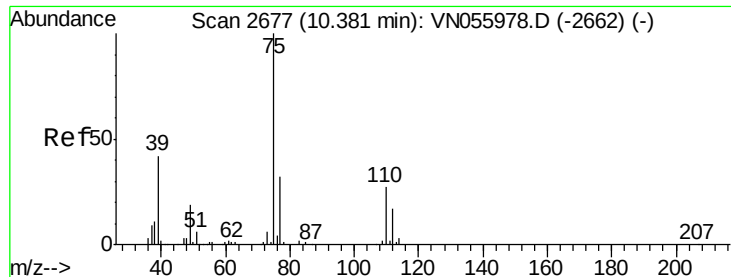
10.10

10.20

10.30

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.215 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

Instrument :

MSVOA_N

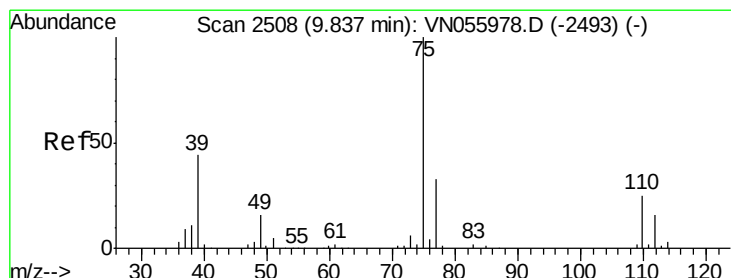
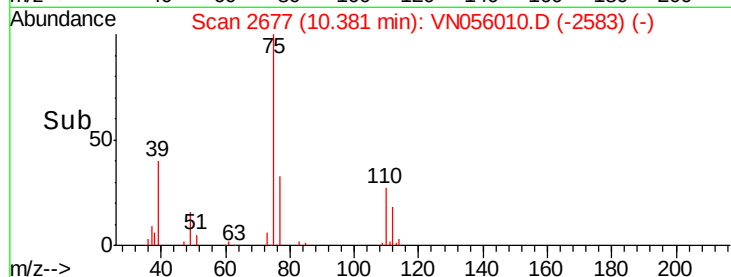
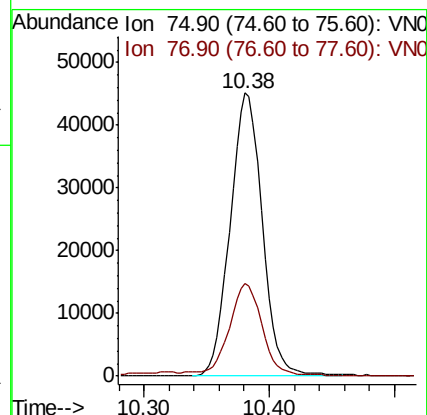
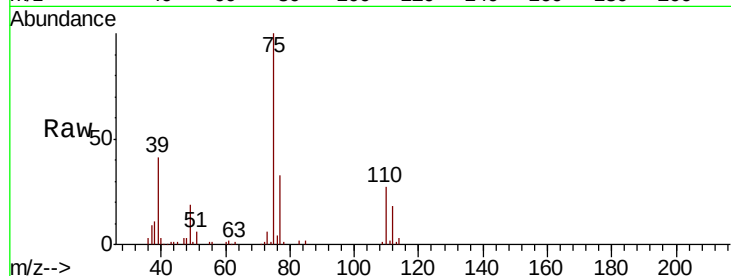
ClientSampled :

Tot Ion: 75 Resp: 80547

Ion Ratio Lower Upper

75 100

77 32.9 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 20.579 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

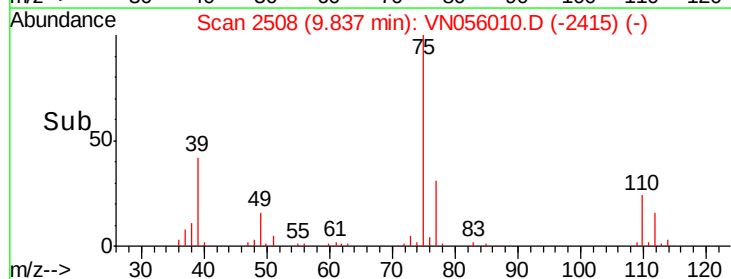
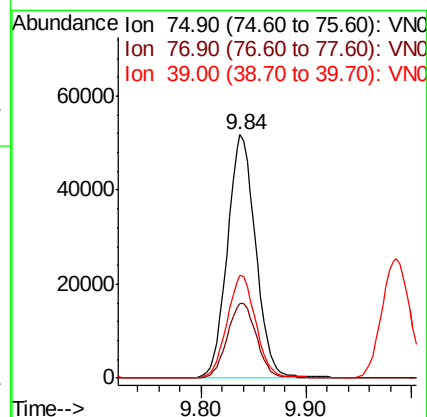
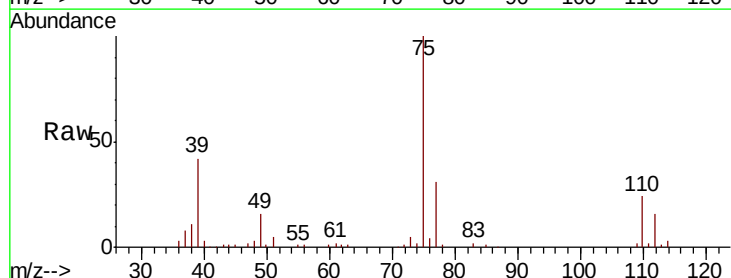
Tgt Ion: 75 Resp: 96203

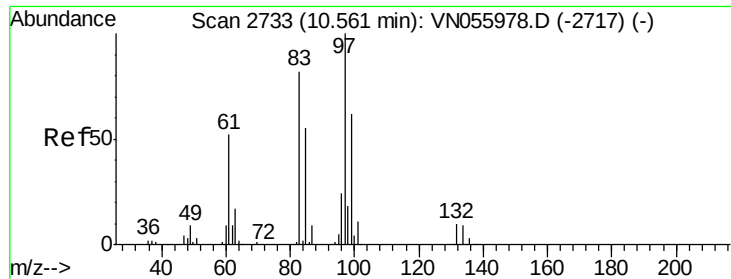
Ion Ratio Lower Upper

75 100

77 30.7 25.4 38.0

39 42.4 36.3 54.5

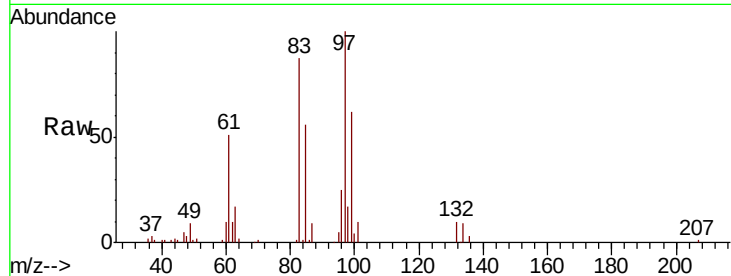




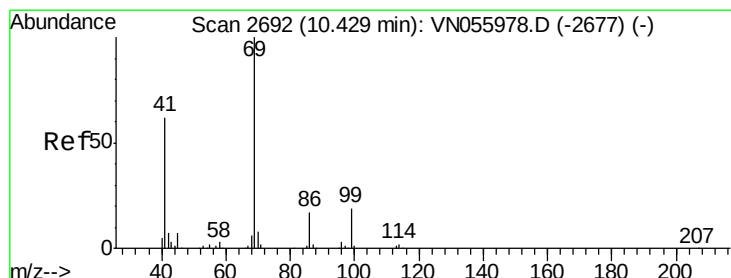
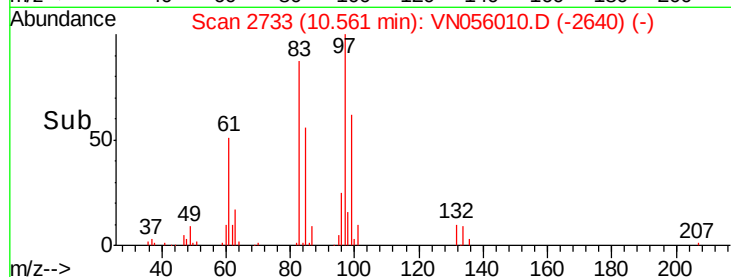
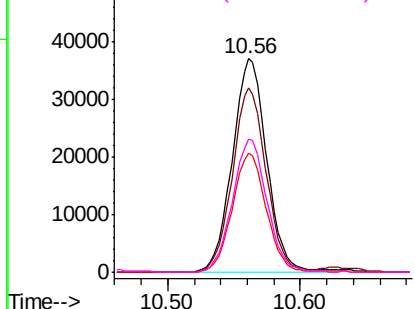
#55
 1,1,2-Trichloroethane
 Concen: 21.111 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN056010.D
 Acq: 5 Jun 2019 15:22

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:	97	Resp:	66666
Ion	Ratio	Lower	Upper
97	100		
83	86.6	67.0	100.6
85	55.9	44.0	66.0
99	62.4	50.6	75.8

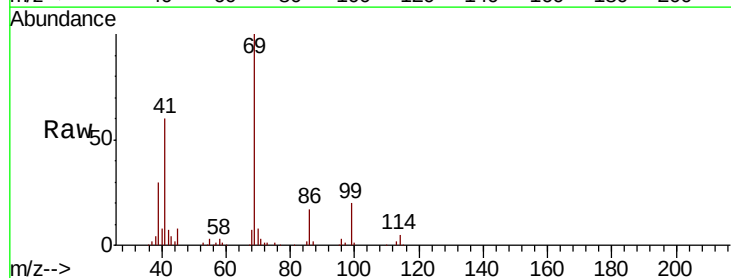


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

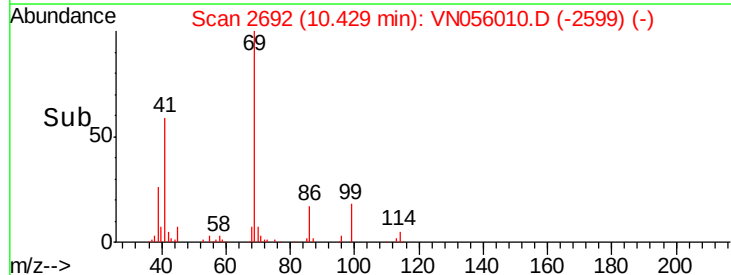
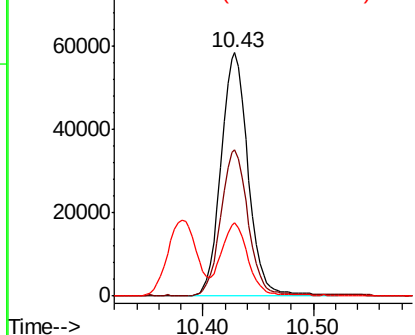


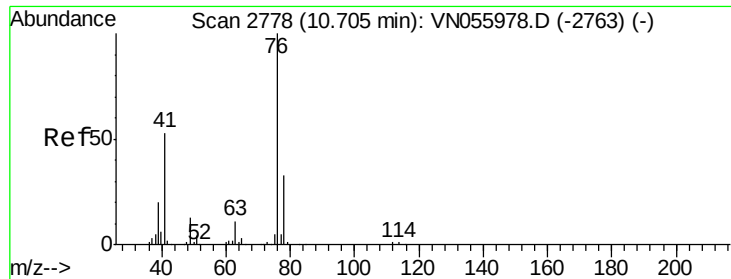
#56
 Ethyl methacrylate
 Concen: 21.635 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN056010.D
 Acq: 5 Jun 2019 15:22

Tgt Ion:	69	Resp:	99672
Ion	Ratio	Lower	Upper
69	100		
41	59.5	49.7	74.5
39	28.3	24.7	37.1



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

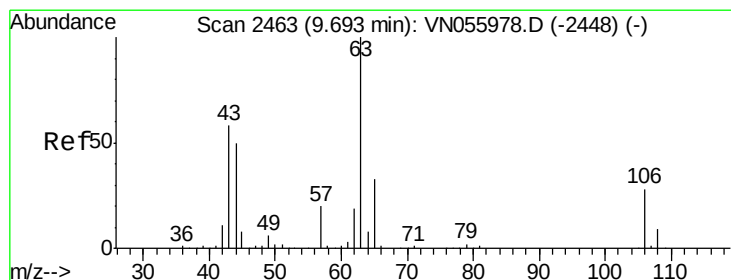
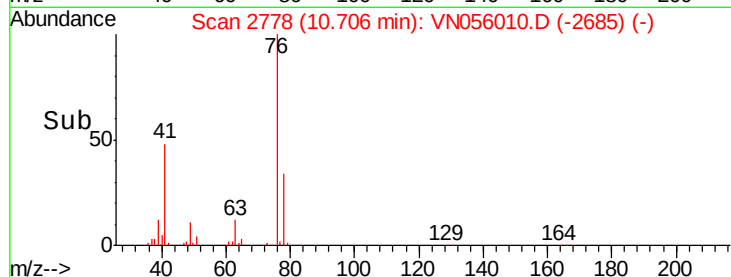
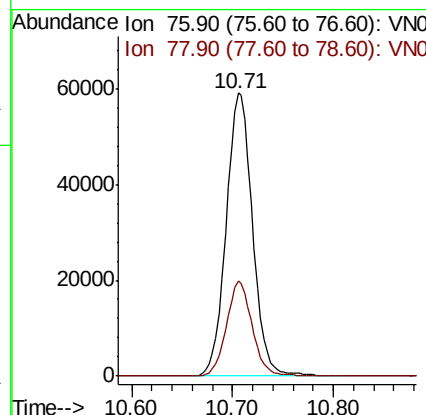
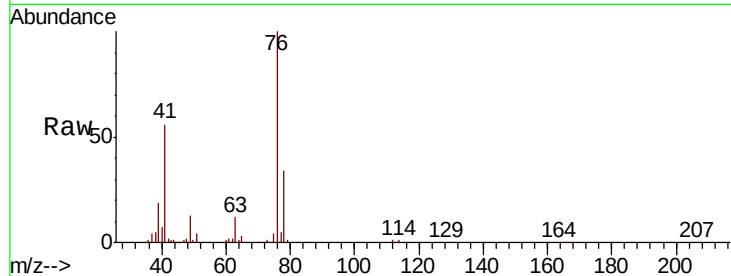




#57
 1,3-Dichloropropane
 Concen: 21.002 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN056010.D
 Acq: 5 Jun 2019 15:22

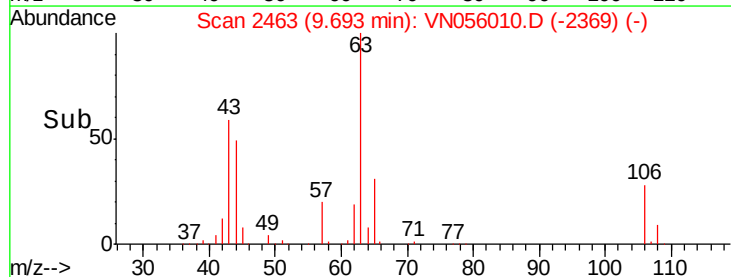
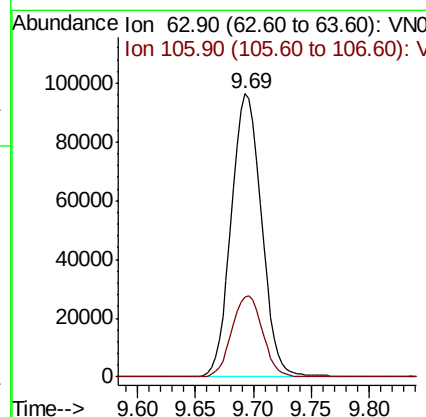
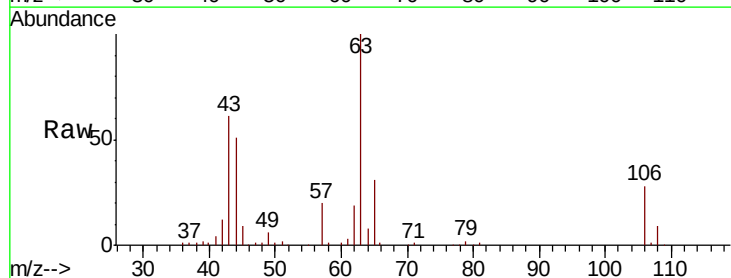
Instrument :
 MSVOA_N
 ClientSampled :

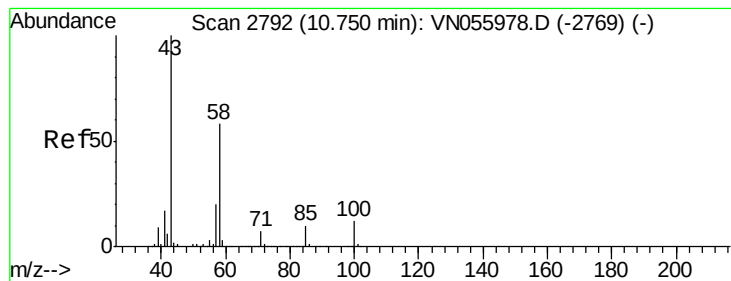
Tot Ion: 76 Resp: 107814
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 104.598 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: VN056010.D
 Acq: 5 Jun 2019 15:22

Tgt Ion: 63 Resp: 174254
 Ion Ratio Lower Upper
 63 100
 106 28.9 22.7 34.1





#59

2-Hexanone

Concen: 105.642 ug/l

RT: 10.75 min Scan# 2792

Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

Instrument :

MSVOA_N

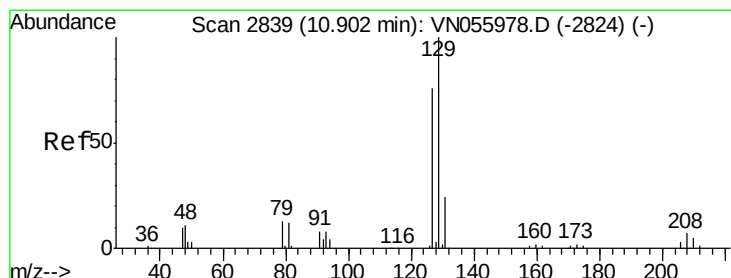
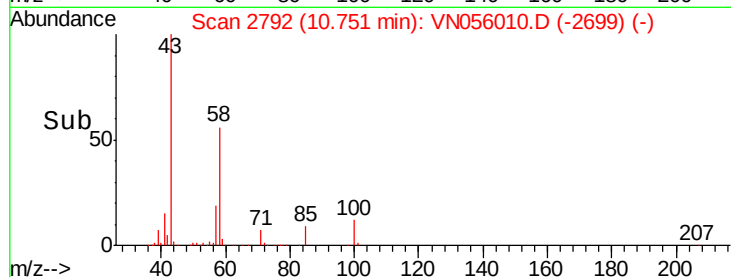
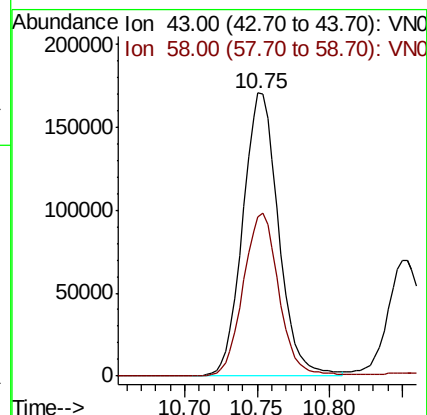
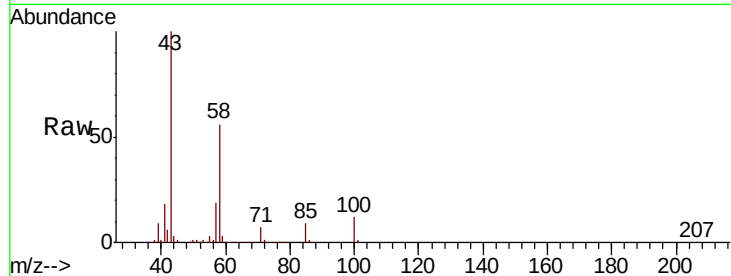
ClientSampleId :

Tot Ion: 43 Resp: 291203

Ion Ratio Lower Upper

43 100

58 57.9 28.2 84.7



#60

Dibromochloromethane

Concen: 19.419 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. 0.00 min

Lab File: VN056010.D

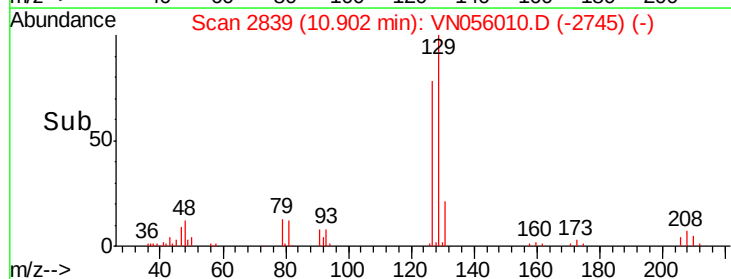
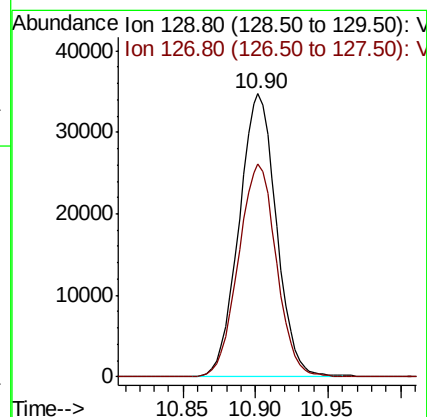
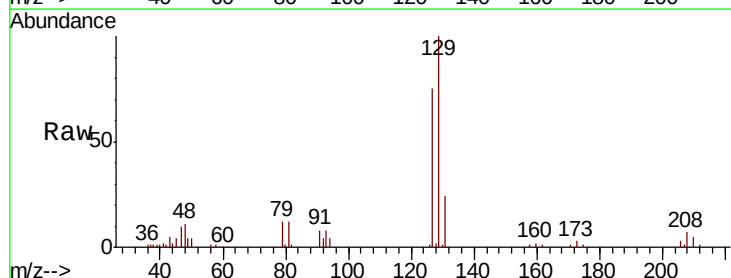
Acq: 5 Jun 2019 15:22

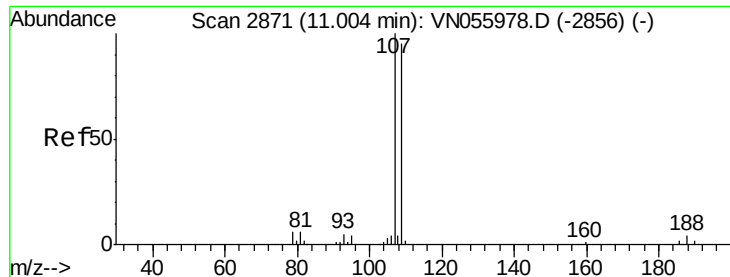
Tgt Ion: 129 Resp: 62140

Ion Ratio Lower Upper

129 100

127 76.5 38.1 114.3

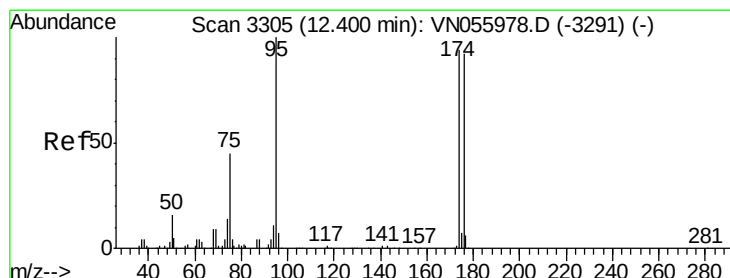
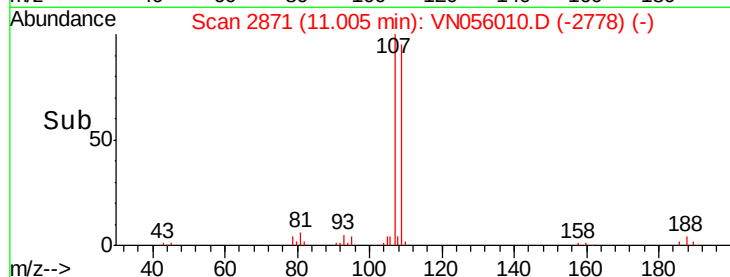
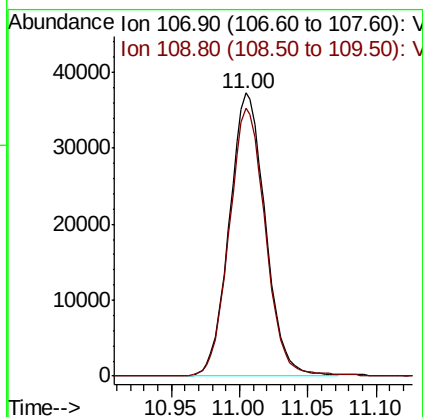
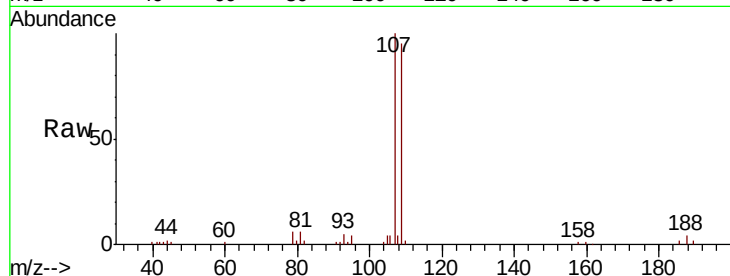




#61
 1,2-Dibromoethane
 Concen: 21.192 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN056010.D
 Acq: 5 Jun 2019 15:22

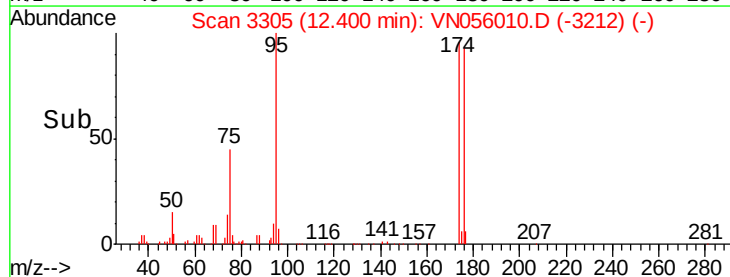
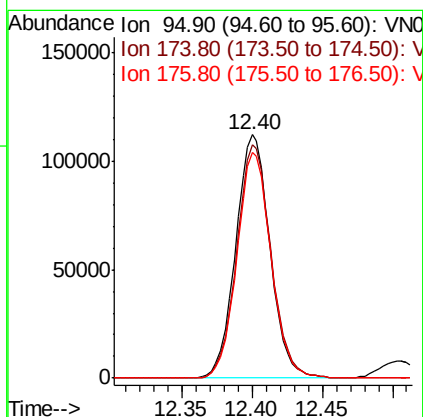
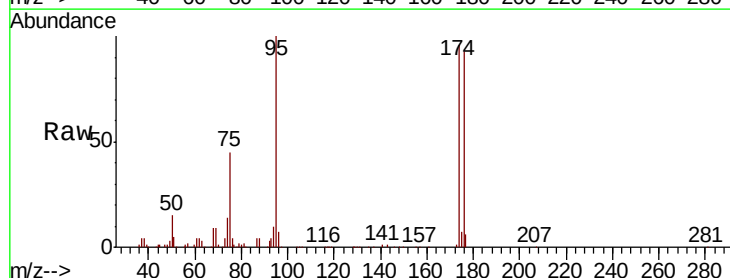
Instrument :
 MSVOA_N
 ClientSampleId :

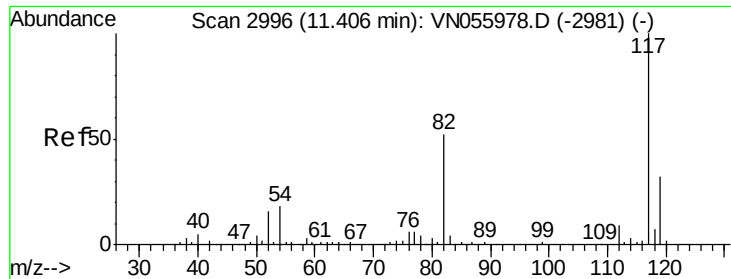
Tot Ion:107 Resp: 68413
 Ion Ratio Lower Upper
 107 100
 109 95.1 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 48.470 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN056010.D
 Acq: 5 Jun 2019 15:22

Tgt Ion: 95 Resp: 190903
 Ion Ratio Lower Upper
 95 100
 174 95.9 0.0 191.0
 176 92.7 0.0 185.2

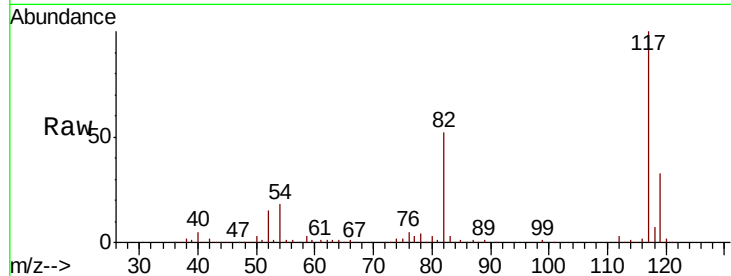




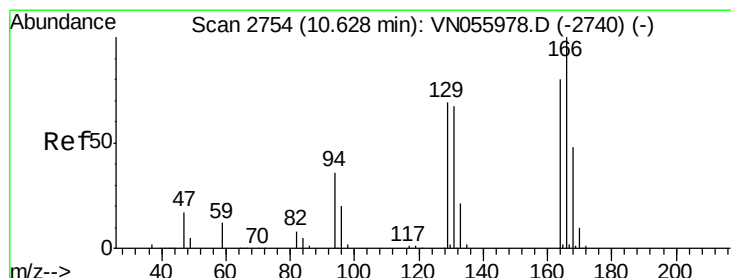
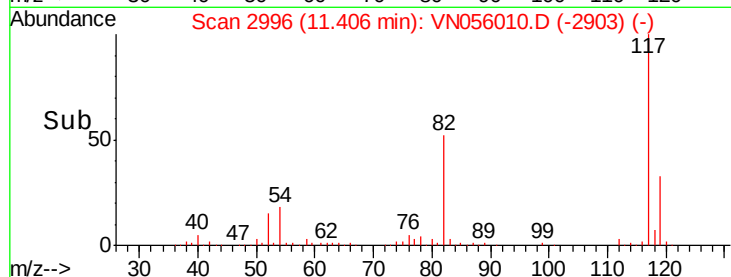
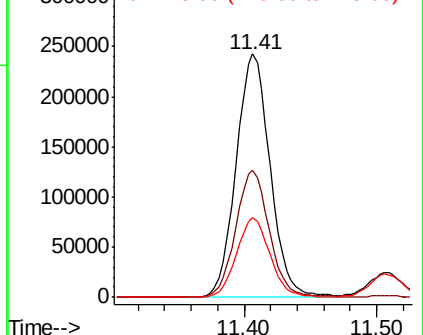
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 433045
Ion Ratio Lower Upper
117 100
82 52.0 41.8 62.8
119 32.5 25.4 38.0

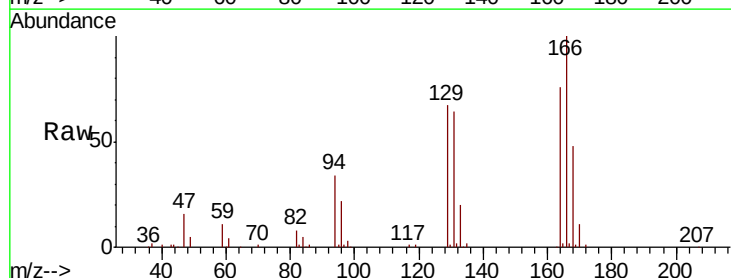


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

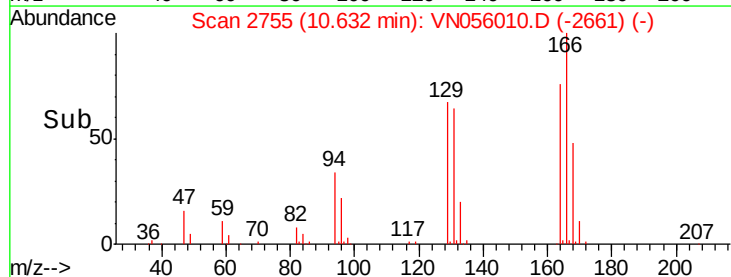
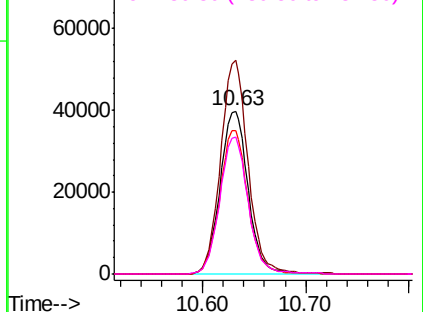


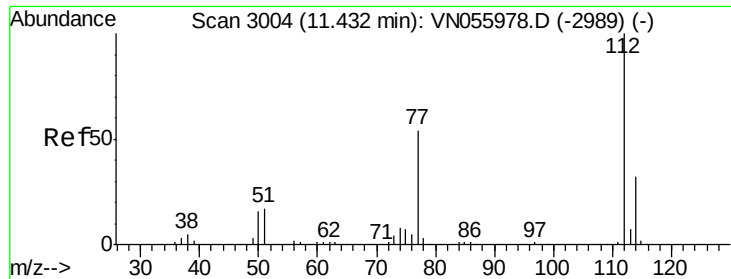
#64
Tetrachloroethene
Concen: 20.130 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Tgt Ion:164 Resp: 75457
Ion Ratio Lower Upper
164 100
166 131.1 103.0 154.6
129 88.2 70.6 105.8
131 83.7 68.6 102.8



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

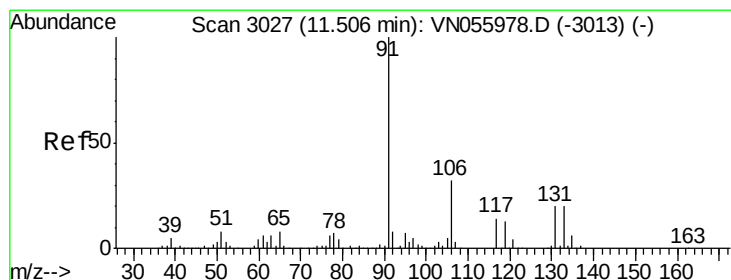
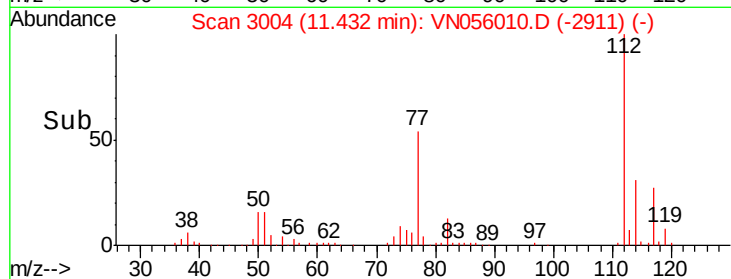
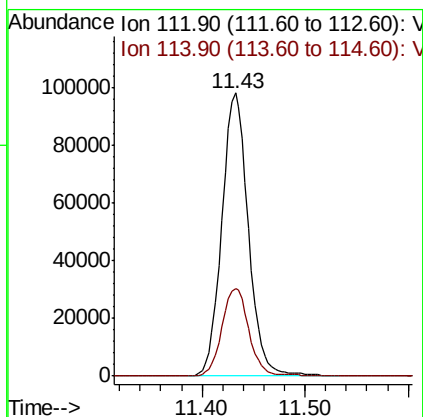
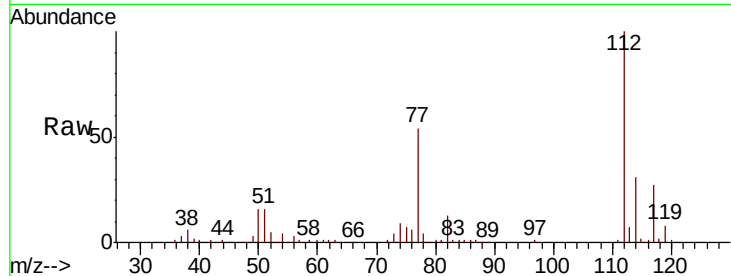




#65
Chlorobenzene
Concen: 20.391 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

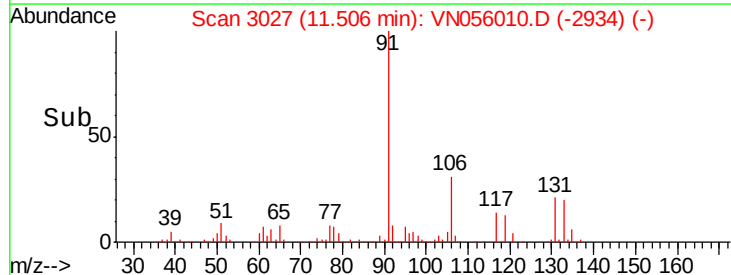
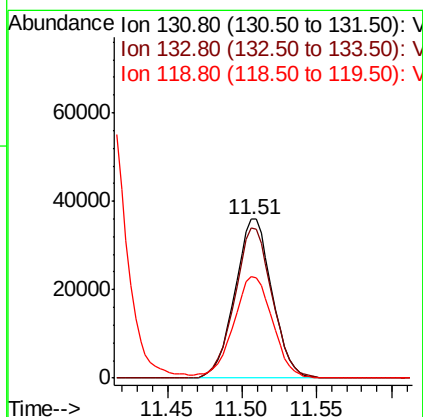
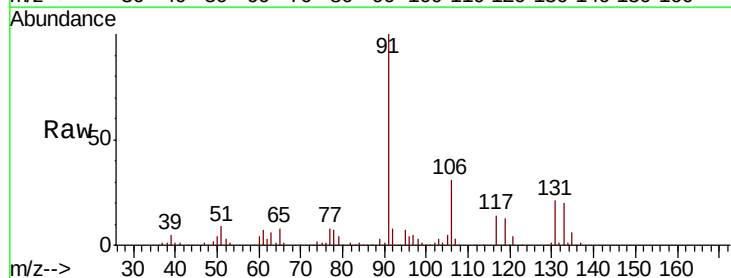
Instrument :
MSVOA_N
ClientSampled :

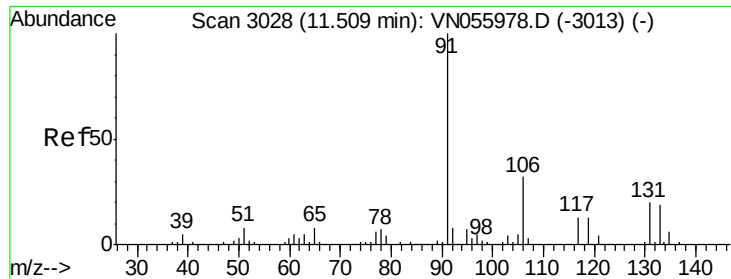
Tot Ion:112 Resp: 175743
Ion Ratio Lower Upper
112 100
114 31.1 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.868 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Tgt Ion:131 Resp: 62101
Ion Ratio Lower Upper
131 100
133 95.7 48.0 144.0
119 67.2 33.1 99.5

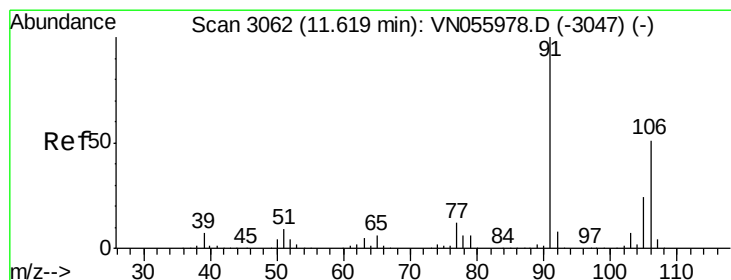
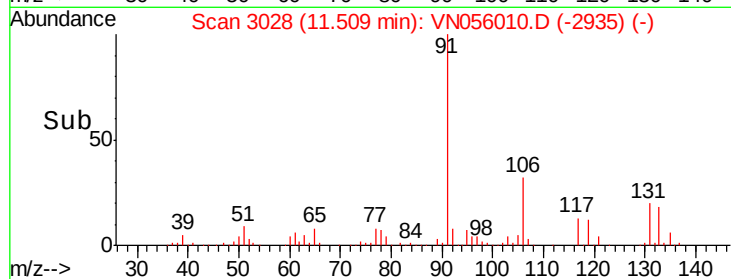
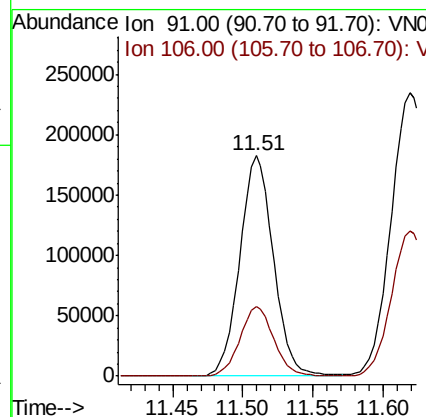
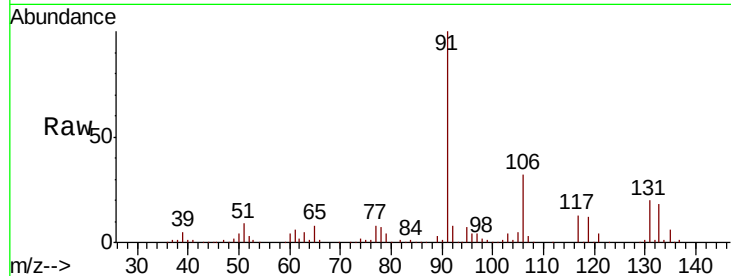




#67
Ethyl Benzene
Concen: 20.393 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

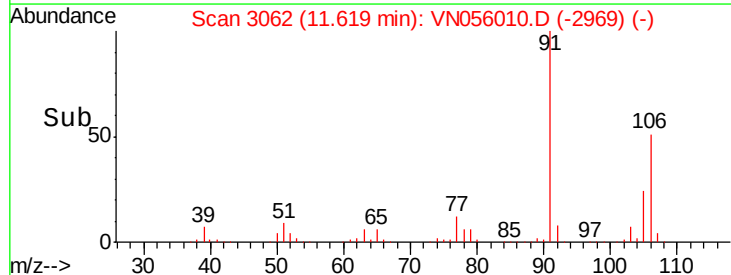
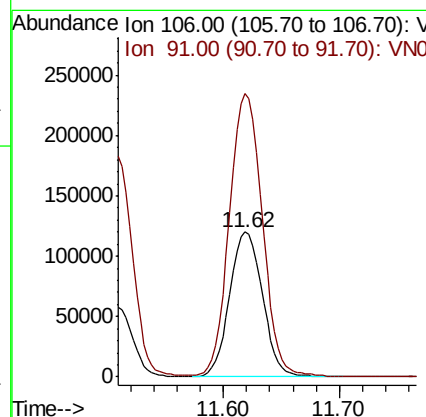
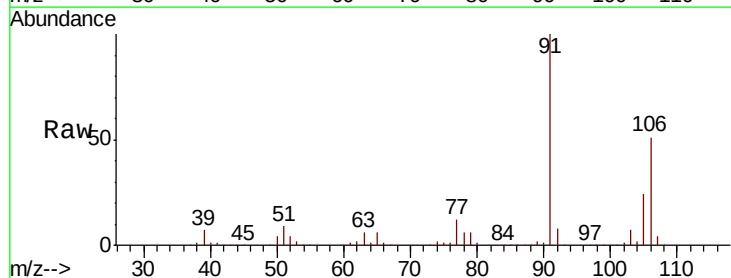
Instrument :
MSVOA_N
ClientSampled :

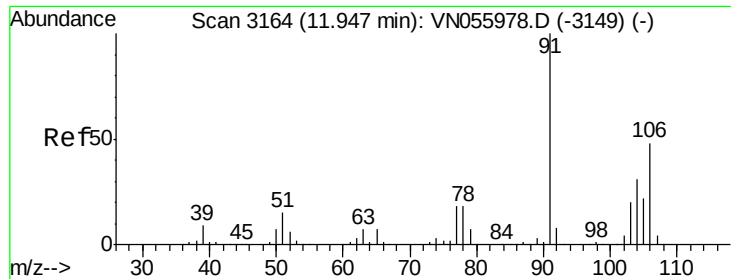
Tot Ion: 91 Resp: 305615
Ion Ratio Lower Upper
91 100
106 31.7 25.1 37.7



#68
m/p-Xylenes
Concen: 41.279 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Tgt Ion: 106 Resp: 236317
Ion Ratio Lower Upper
106 100
91 196.1 159.3 238.9

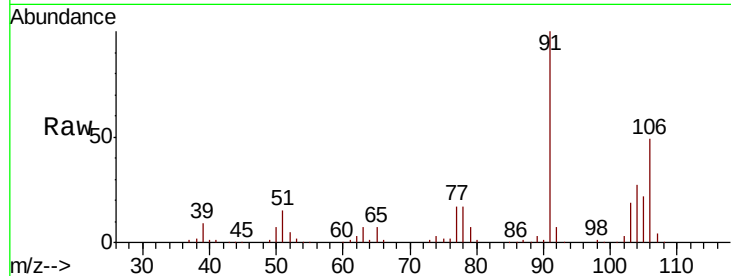




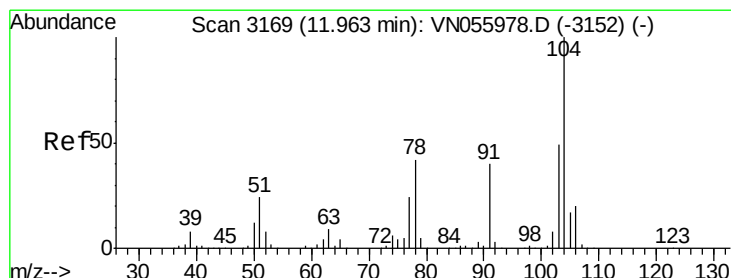
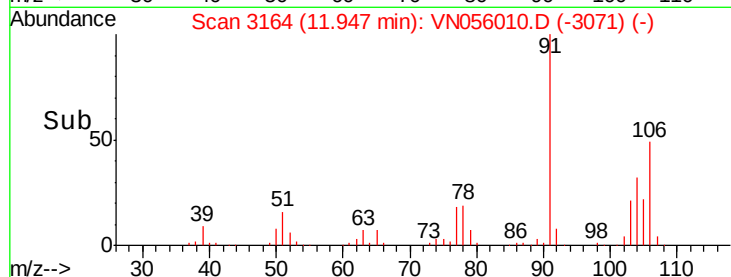
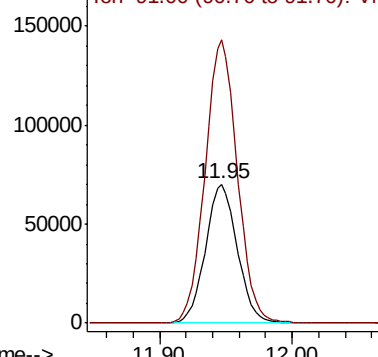
#69
o-Xylene
Concen: 20.789 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:106 Resp: 117070
Ion Ratio Lower Upper
106 100
91 205.5 104.7 314.1

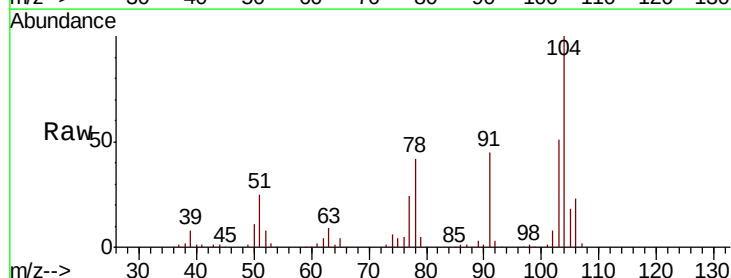


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

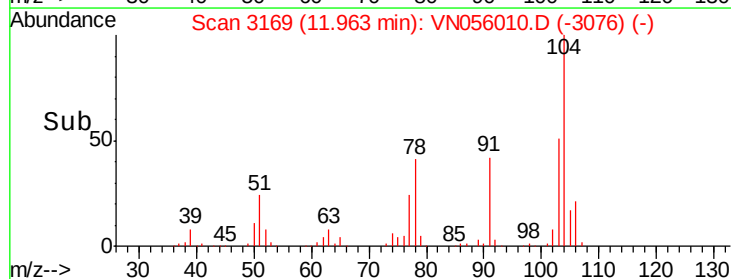
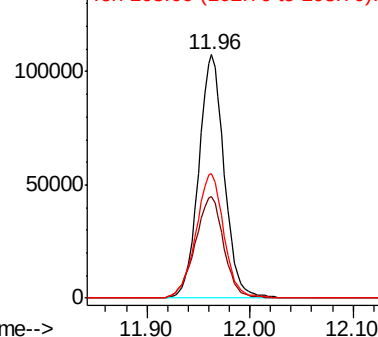


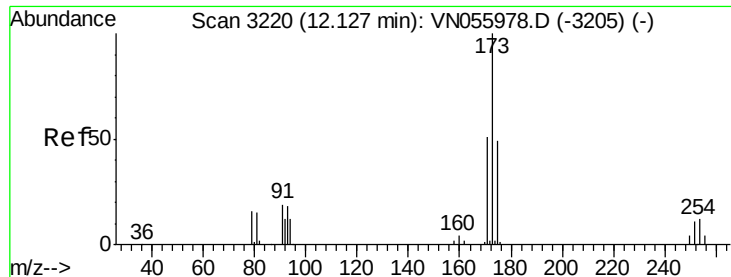
#70
Styrene
Concen: 20.694 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Tgt Ion:104 Resp: 185160
Ion Ratio Lower Upper
104 100
78 46.6 37.8 56.6
103 55.9 44.2 66.2



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





#71

Bromoform

Concen: 18.954 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

Instrument :

MSVOA_N

ClientSampleId :

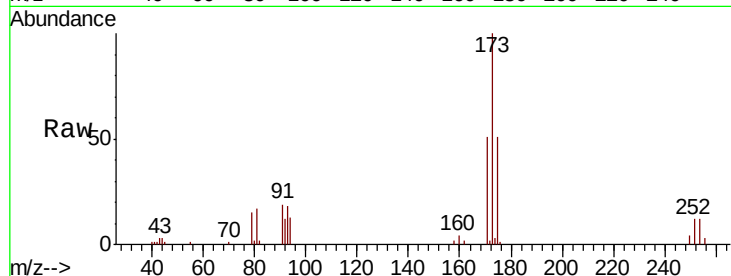
Tot Ion:173 Resp: 42855

Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.3	72.8
254	0.0	0.0	0.0

173 100

175 48.3 24.3 72.8

254 0.0 0.0 0.0

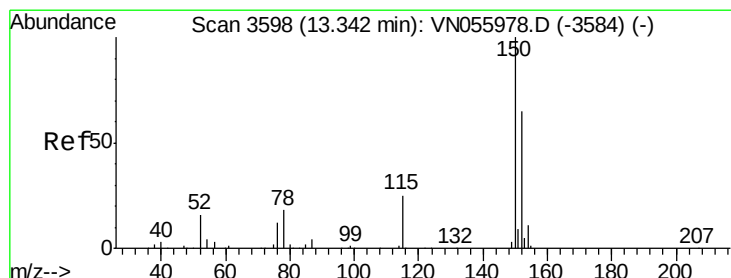
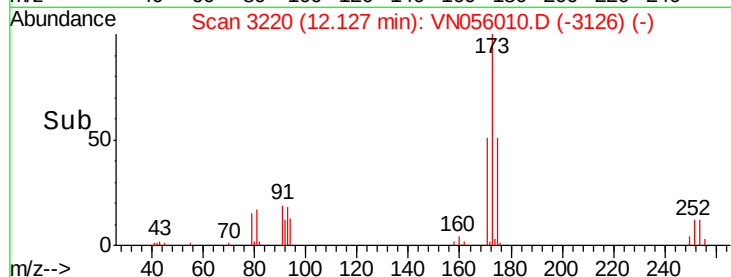
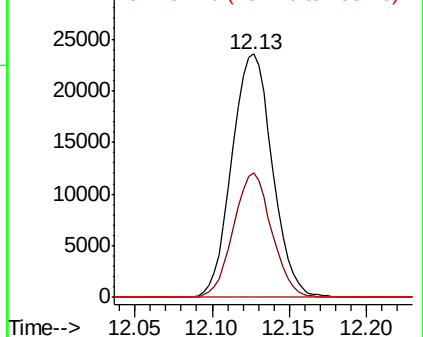


Abundance

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: VN056010.D

Acq: 5 Jun 2019 15:22

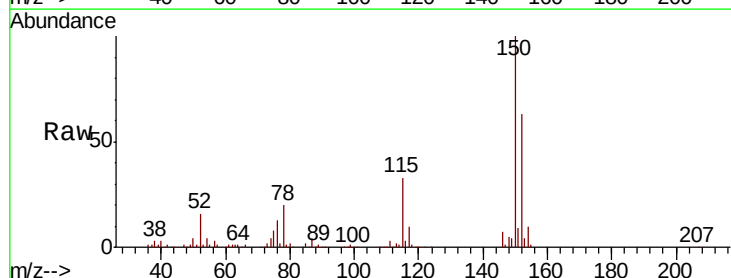
Tgt Ion:152 Resp: 178933

Ion	Ratio	Lower	Upper
152	100		
115	52.6	27.0	81.0
150	164.7	0.0	343.2

152 100

115 52.6 27.0 81.0

150 164.7 0.0 343.2

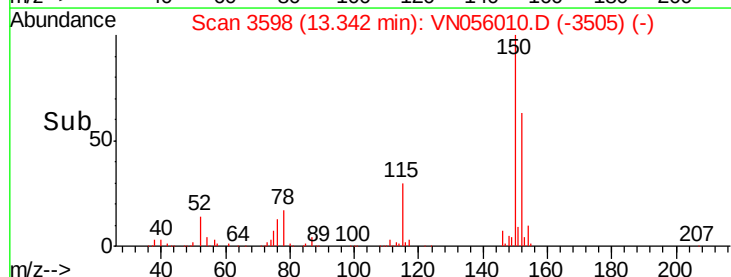
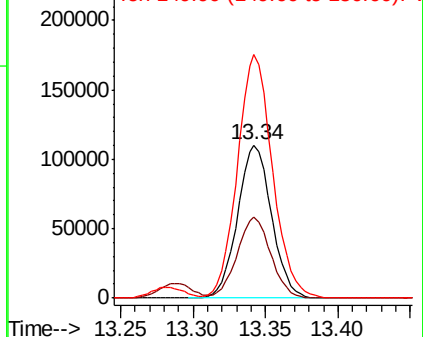


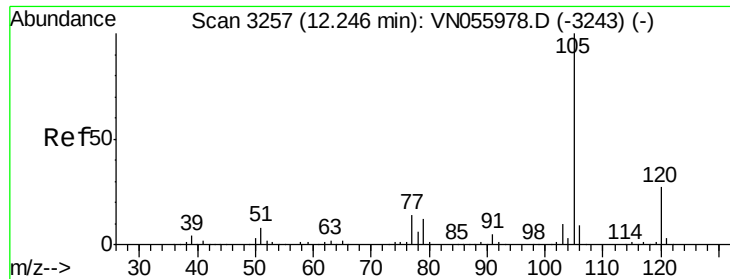
Abundance

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: 22.360 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

Instrument :

MSVOA_N

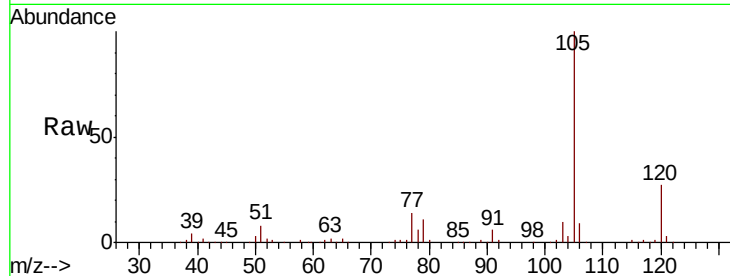
ClientSampled :

Tot Ion:105 Resp: 302256

Ion Ratio Lower Upper

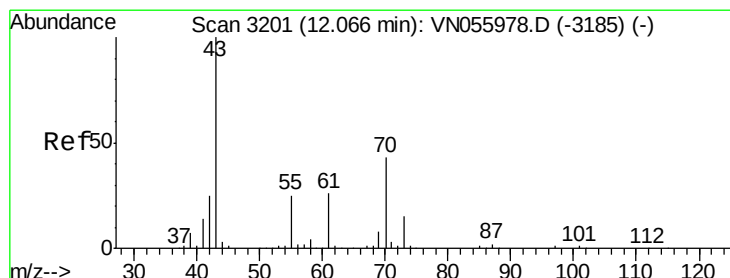
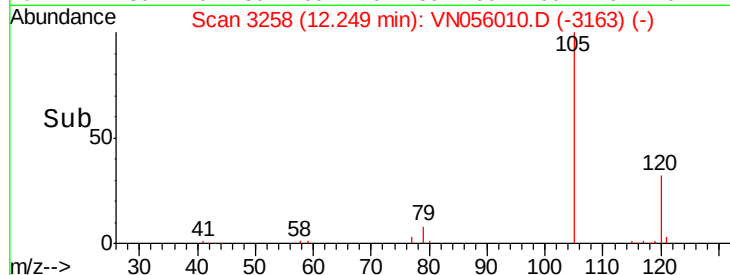
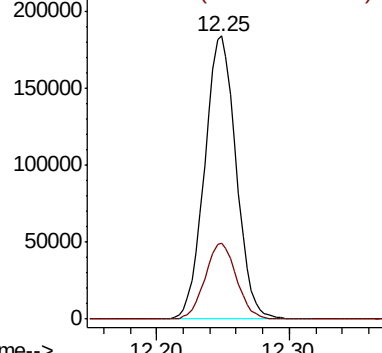
105 100

120 26.9 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 22.180 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

Tgt Ion: 43 Resp: 105791

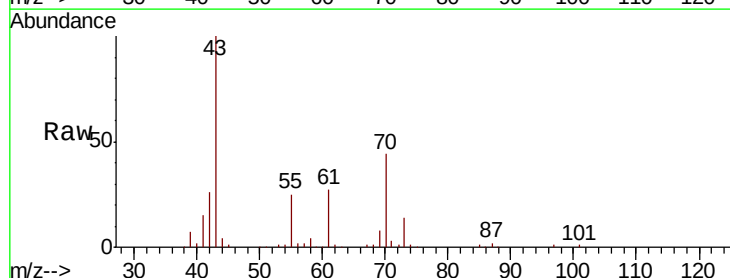
Ion Ratio Lower Upper

43 100

70 44.1 34.0 51.0

55 24.9 18.6 28.0

61 25.7 20.0 30.0

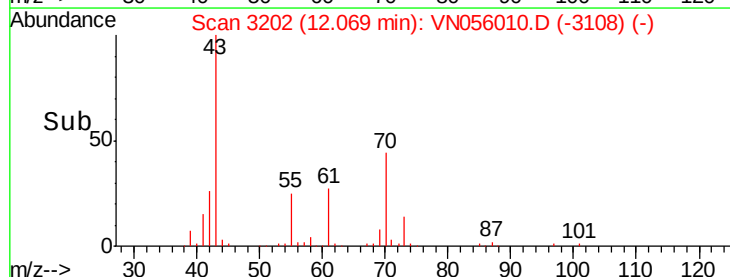
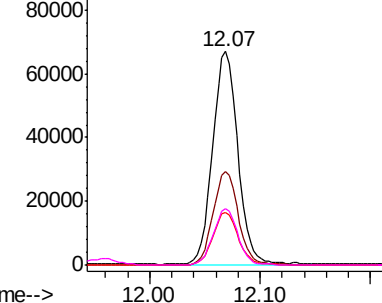


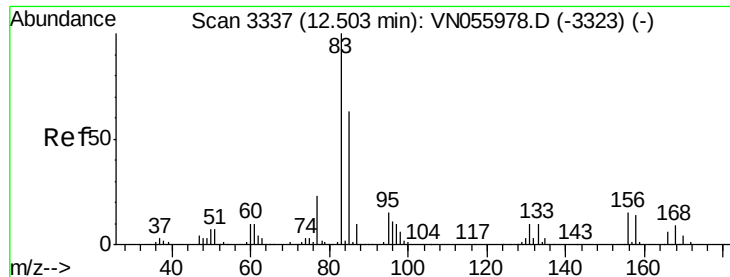
Abundance Ion 43.00 (42.70 to 43.70): V

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





#75

1,1,2,2-Tetrachloroethane

Concen: 21.948 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

Instrument :

MSVOA_N

ClientSampleId :

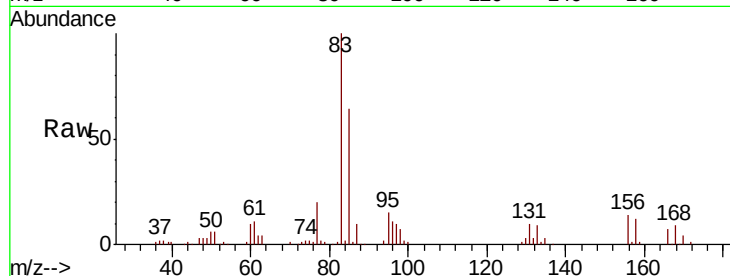
Tot Ion: 83 Resp: 91167

Ion Ratio Lower Upper

83 100

131 10.6 5.4 16.2

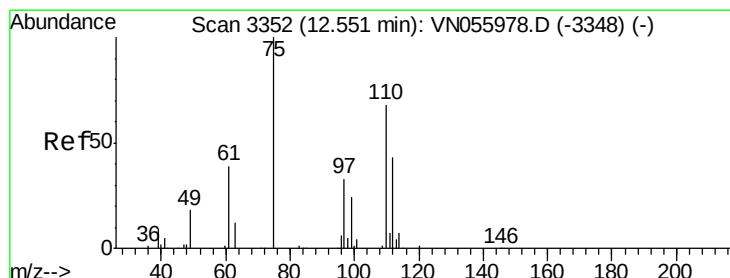
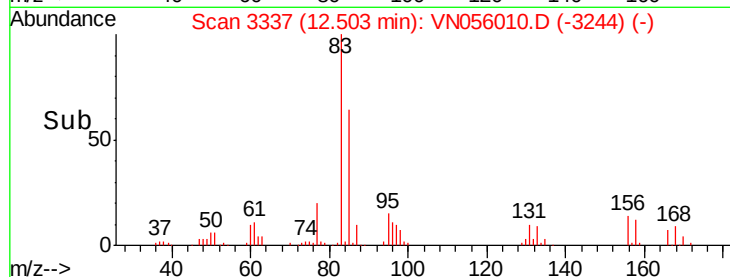
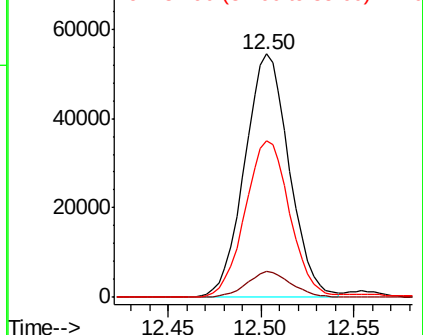
85 64.5 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN055978.D (-3323) (-)

Ion 130.80 (130.50 to 131.50): VN055978.D (-3323) (-)

Ion 84.90 (84.60 to 85.60): VN055978.D (-3323) (-)



#76

1,2,3-Trichloropropane

Concen: 31.607 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056010.D

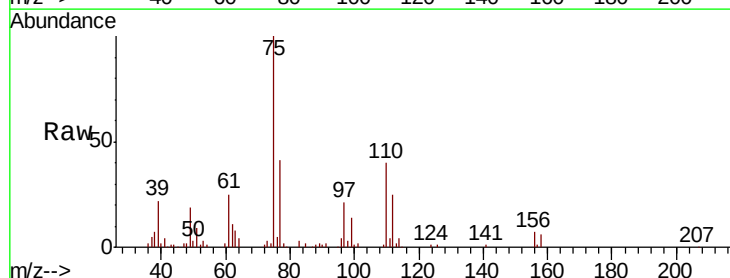
Acq: 5 Jun 2019 15:22

Tgt Ion: 75 Resp: 104065

Ion Ratio Lower Upper

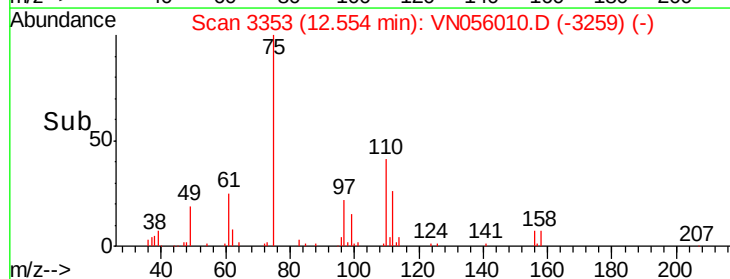
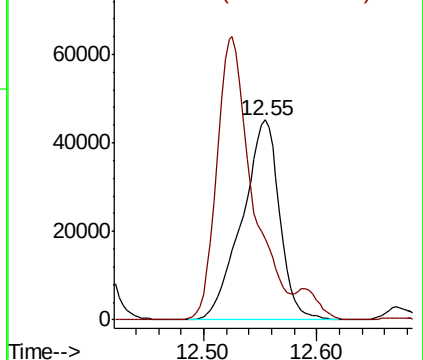
75 100

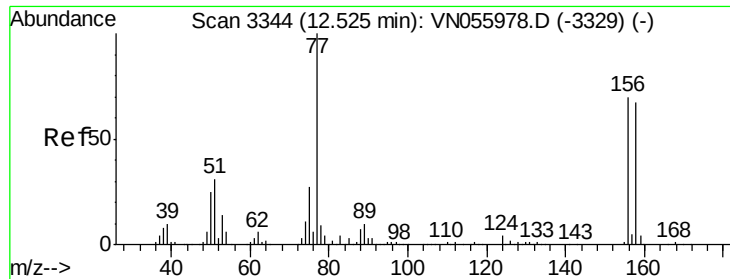
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055978.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN055978.D (-3348) (-)





#77

Bromobenzene

Concen: 21.336 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

Instrument :

MSVOA_N

ClientSampleId :

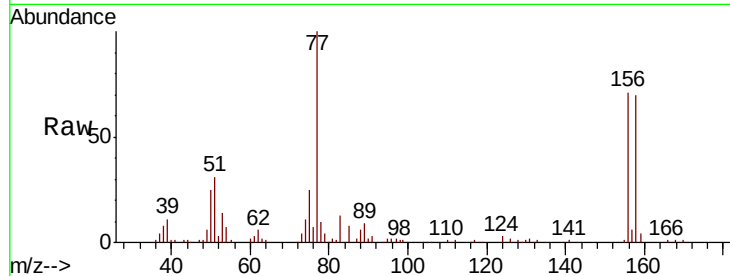
Tot Ion:156 Resp: 81738

Ion Ratio Lower Upper

156 100

77 170.3 90.8 272.5

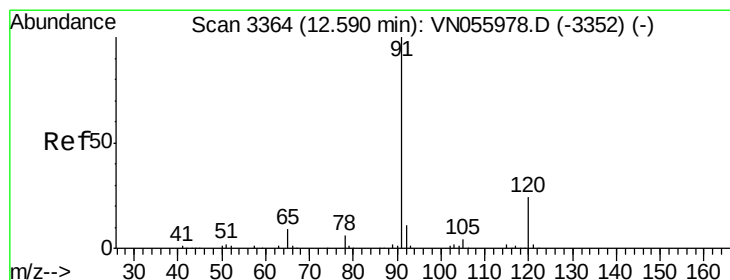
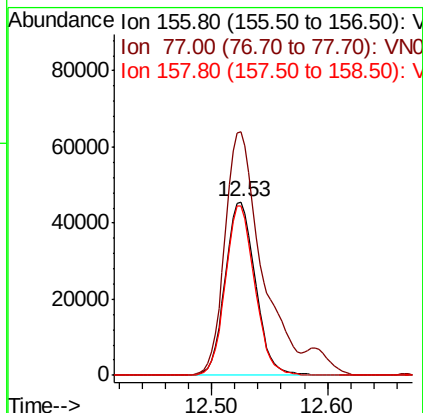
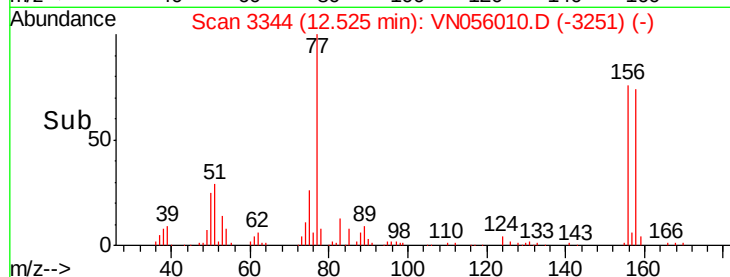
158 95.3 49.3 147.8



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: 20.654 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056010.D

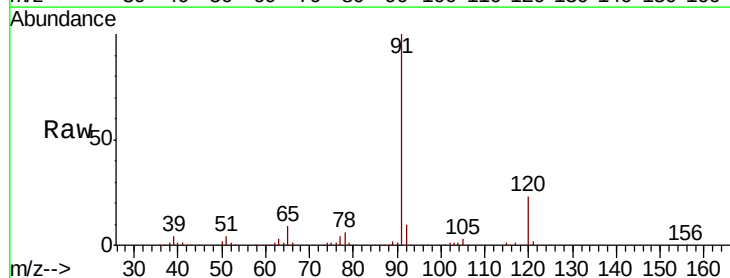
Acq: 5 Jun 2019 15:22

Tgt Ion: 91 Resp: 312653

Ion Ratio Lower Upper

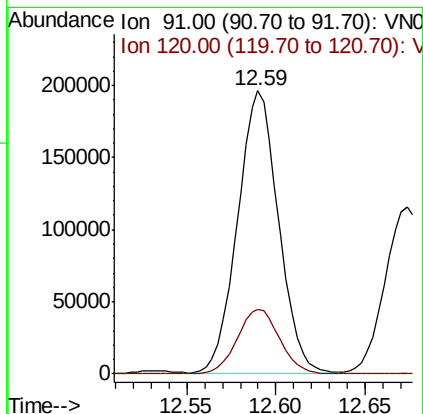
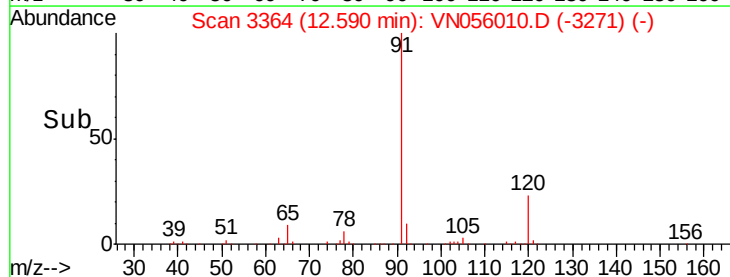
91 100

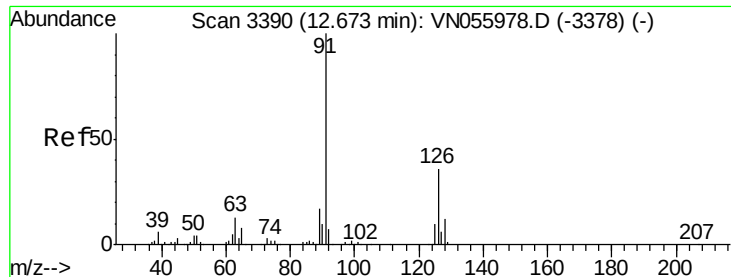
120 23.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.707 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

Instrument :

MSVOA_N

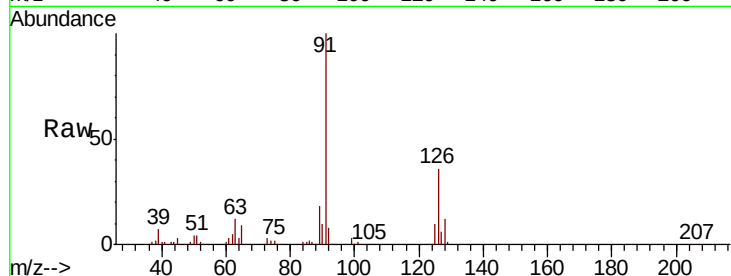
ClientSampled :

Tot Ion: 91 Resp: 193295

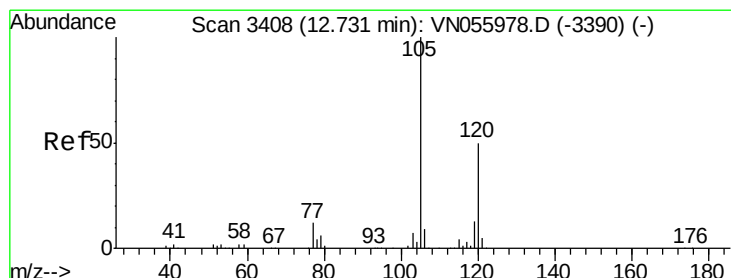
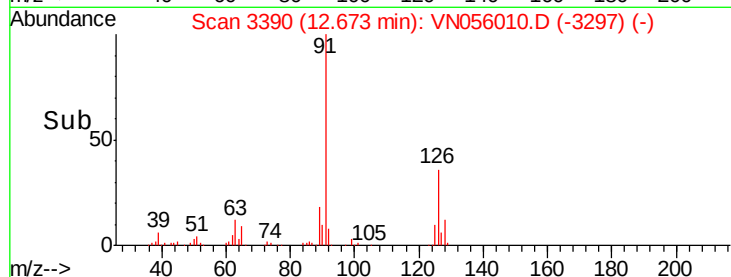
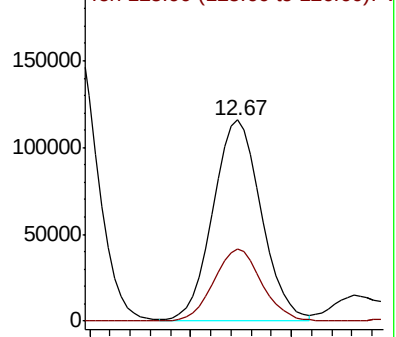
Ion Ratio Lower Upper

91 100

126 35.9 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VN055978.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.330 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056010.D

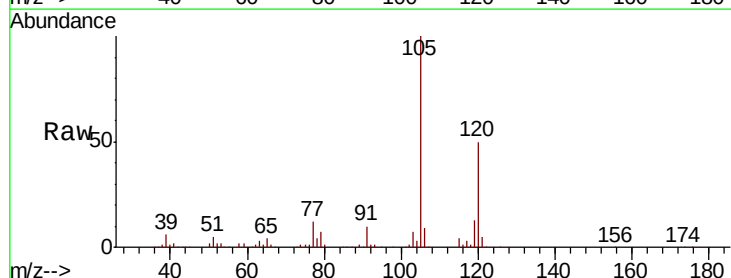
Acq: 5 Jun 2019 15:22

Tgt Ion:105 Resp: 244587

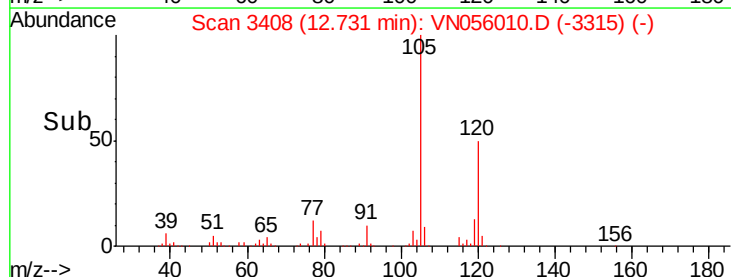
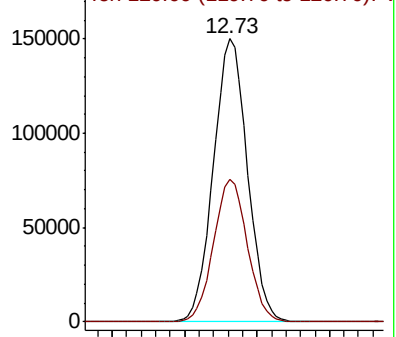
Ion Ratio Lower Upper

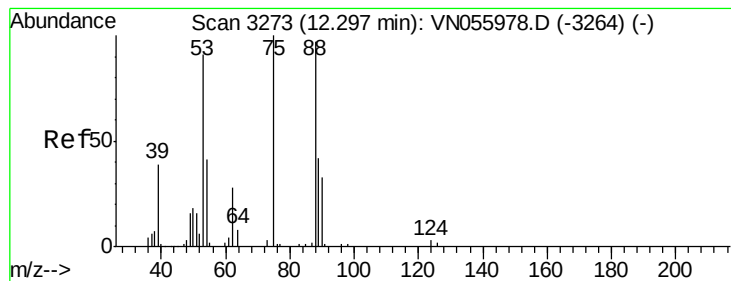
105 100

120 50.0 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VN055978.D (-3390) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.957 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

Instrument :

MSVOA_N

ClientSampled :

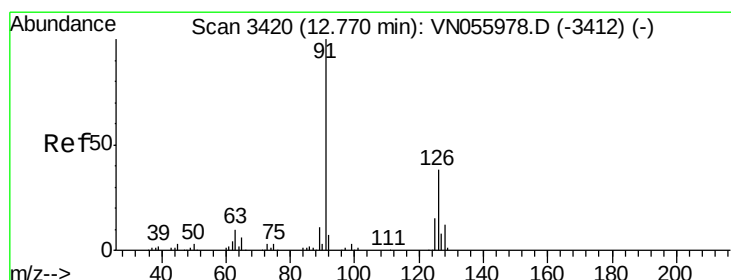
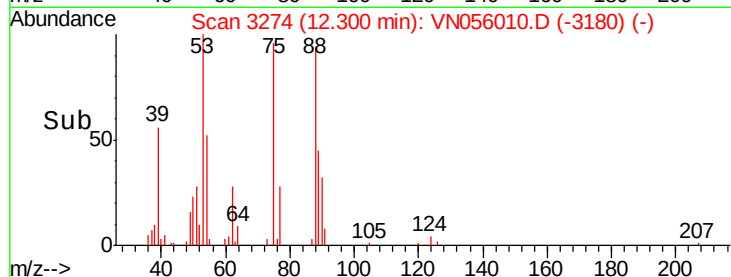
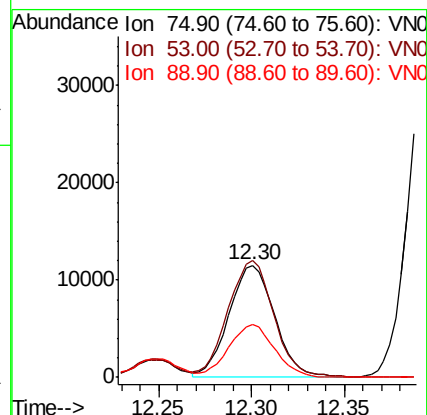
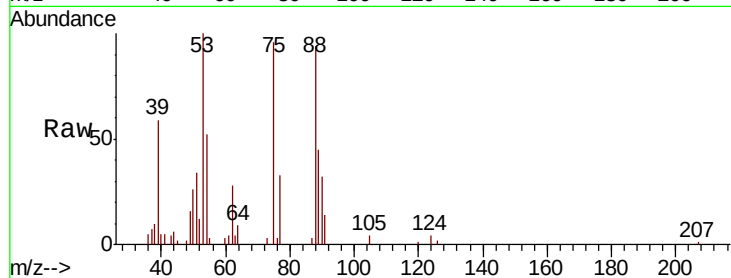
Tot Ion: 75 Resp: 19731

Ion Ratio Lower Upper

75 100

53 104.8 68.1 102.1#

89 46.9 36.9 55.3



#82

4-Chlorotoluene

Concen: 20.501 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056010.D

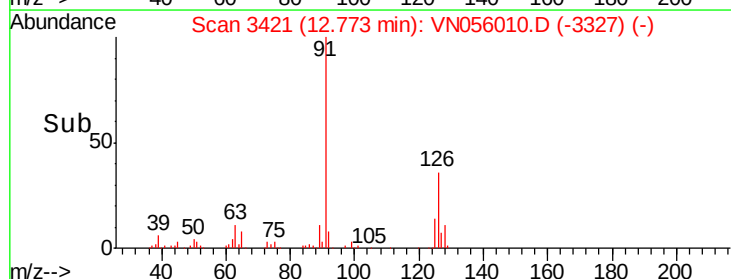
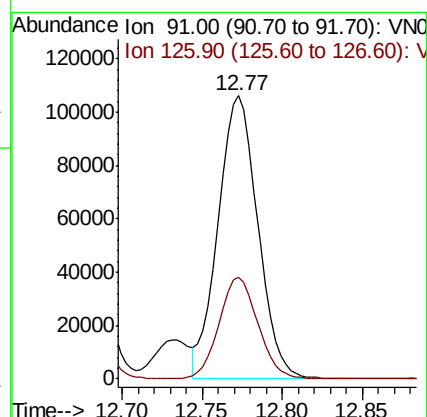
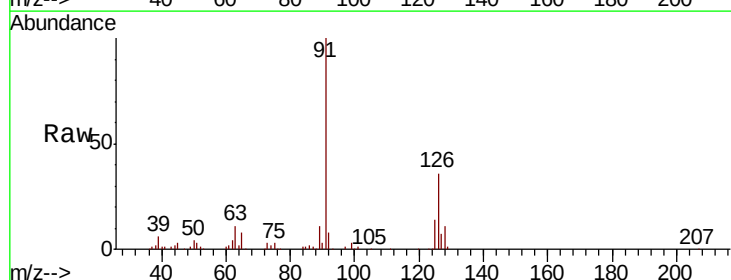
Acq: 5 Jun 2019 15:22

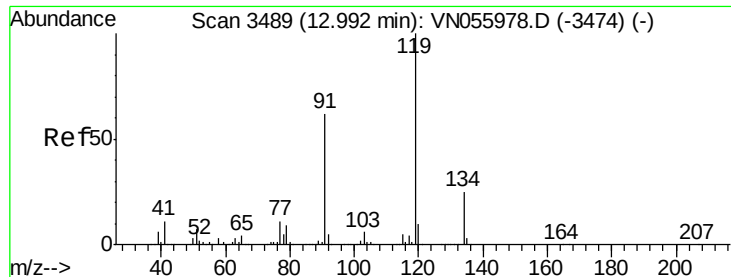
Tgt Ion: 91 Resp: 181557

Ion Ratio Lower Upper

91 100

126 35.2 17.8 53.3

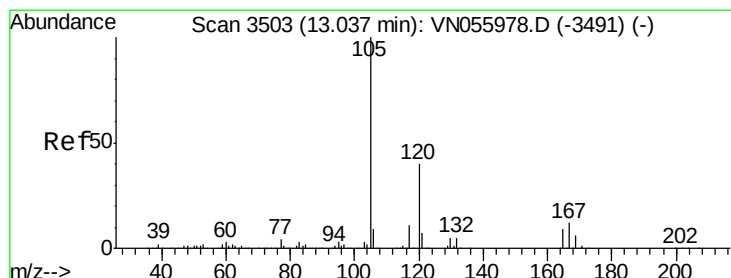
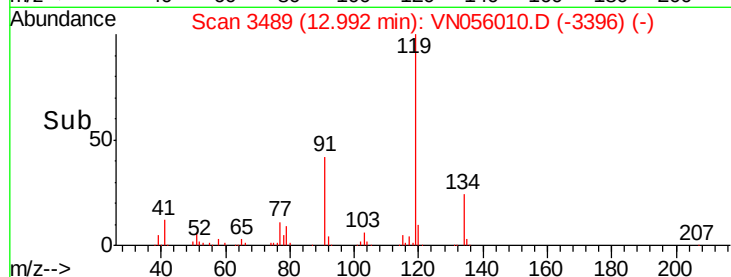
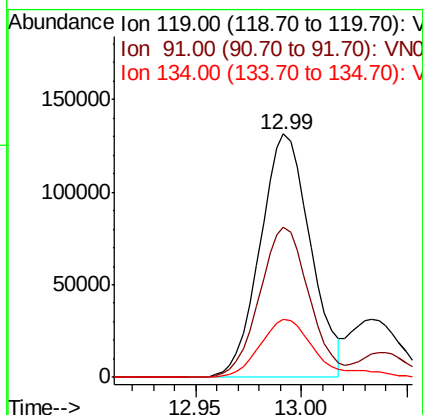
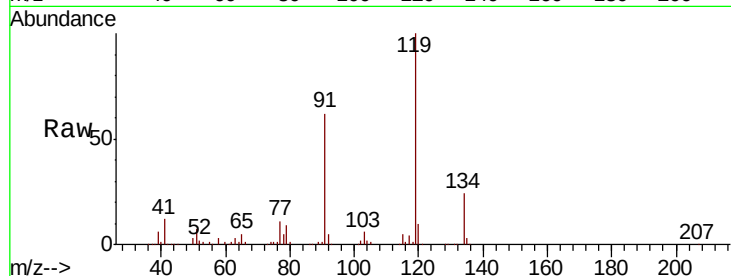




#83
 tert-Butylbenzene
 Concen: 21.808 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN056010.D
 Acq: 5 Jun 2019 15:22

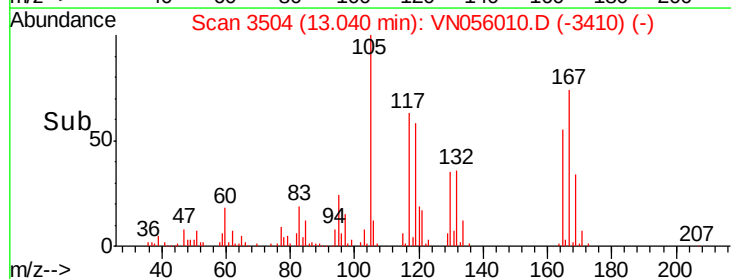
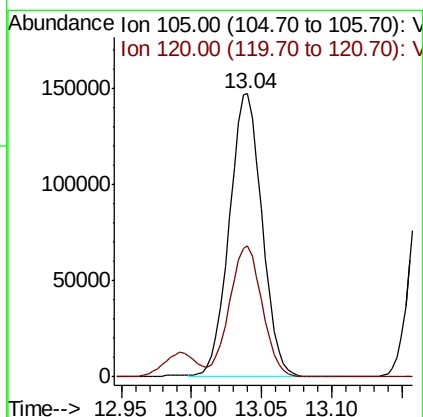
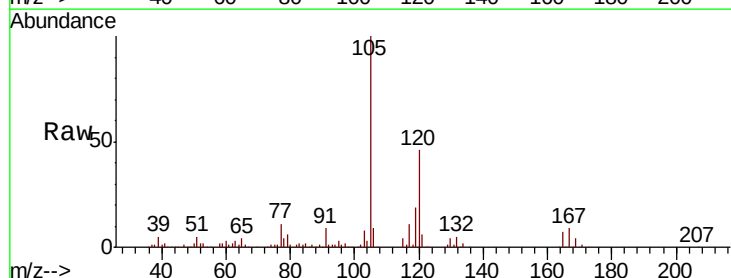
Instrument :
 MSVOA_N
 ClientSampleId :

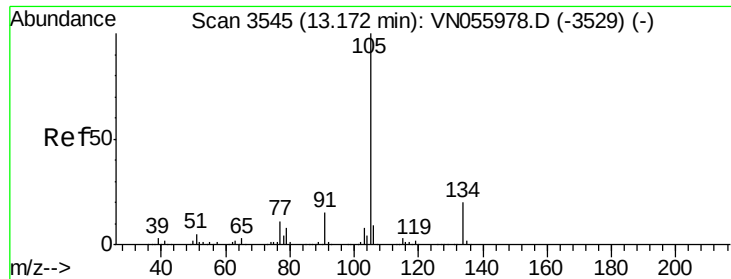
Tot Ion:119 Resp: 217927
 Ion Ratio Lower Upper
 119 100
 91 60.9 30.9 92.8
 134 26.5 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 20.938 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN056010.D
 Acq: 5 Jun 2019 15:22

Tgt Ion:105 Resp: 238879
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.0 69.0





#85

sec-Butylbenzene

Concen: 20.379 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

Instrument :

MSVOA_N

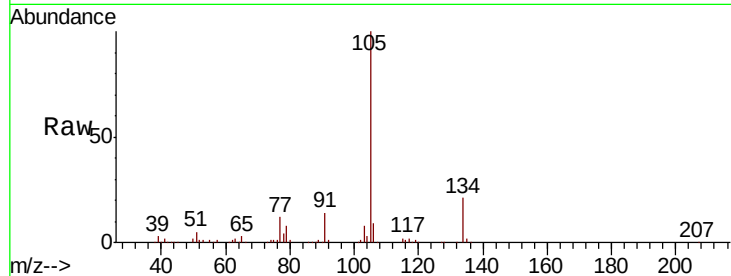
ClientSampled :

Tot Ion:105 Resp: 273190

Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

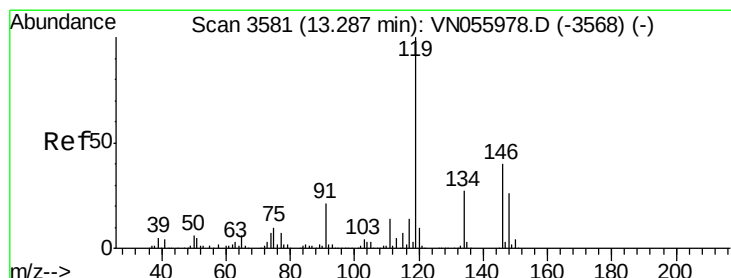
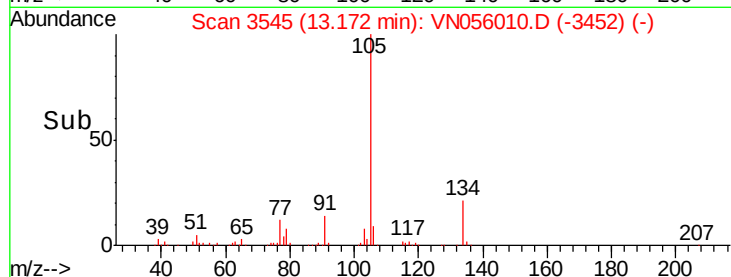
100000

50000

0

13.10 13.15 13.20 13.25

Time-->



#86

p-Isopropyltoluene

Concen: 20.372 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

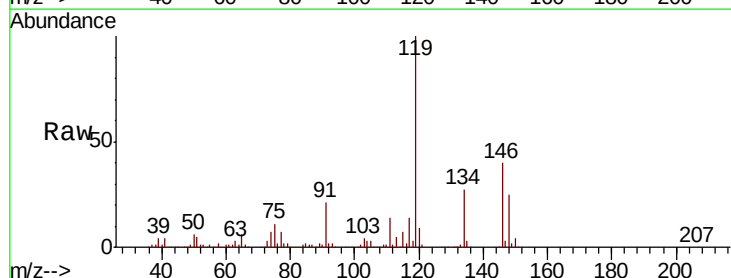
Tgt Ion:119 Resp: 244421

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

91 21.0 10.9 32.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

200000

150000

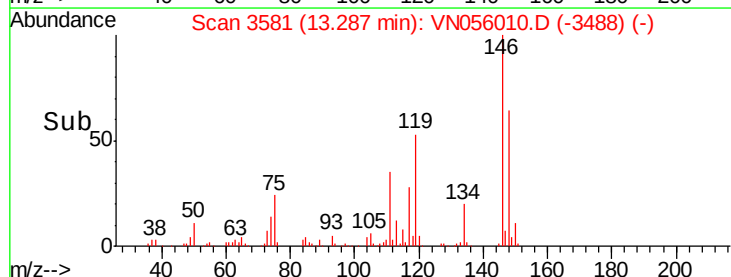
100000

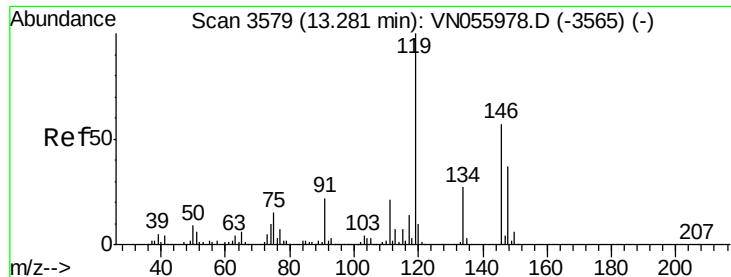
50000

0

13.20 13.30

Time-->





#87

1,3-Dichlorobenzene

Concen: 20.560 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

Instrument :

MSVOA_N

ClientSampleId :

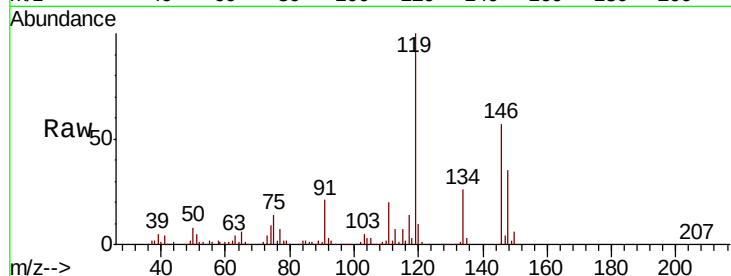
Tot Ion:146 Resp: 121902

Ion Ratio Lower Upper

146 100

111 35.8 18.5 55.5

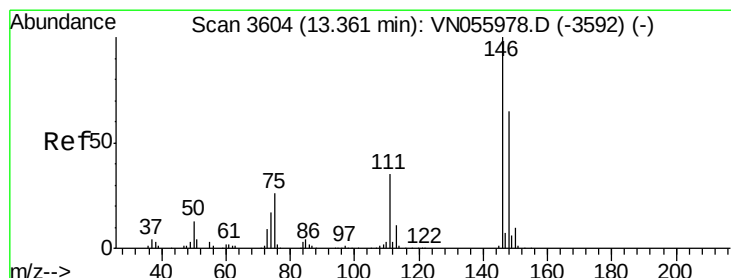
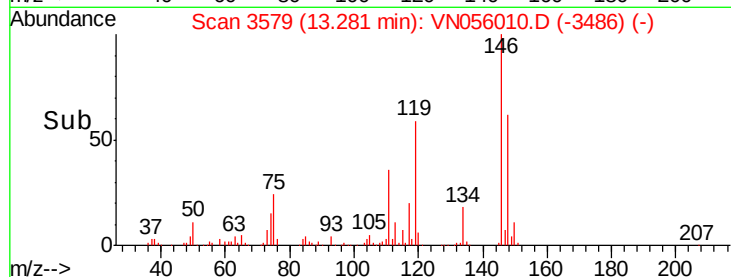
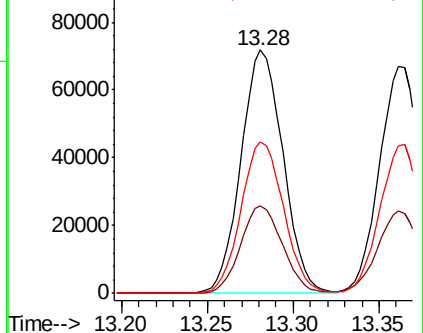
148 62.9 32.0 96.2



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



#88

1,4-Dichlorobenzene

Concen: 20.052 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

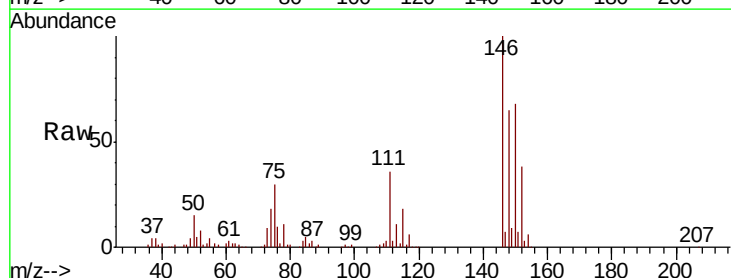
Tgt Ion:146 Resp: 114367

Ion Ratio Lower Upper

146 100

111 37.2 18.1 54.4

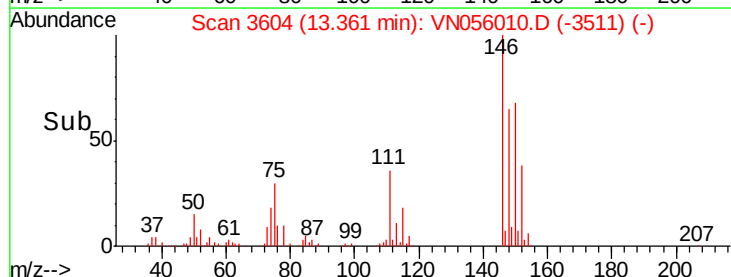
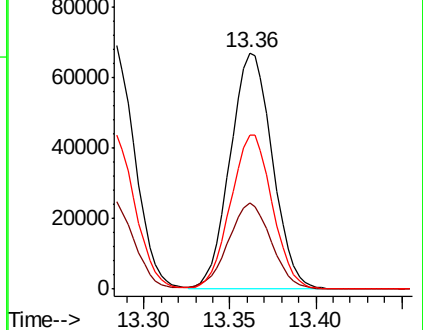
148 64.8 32.1 96.5

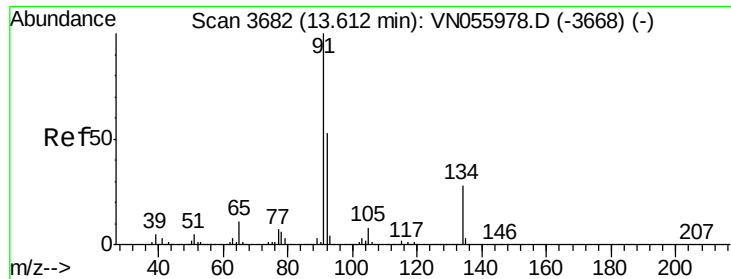


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

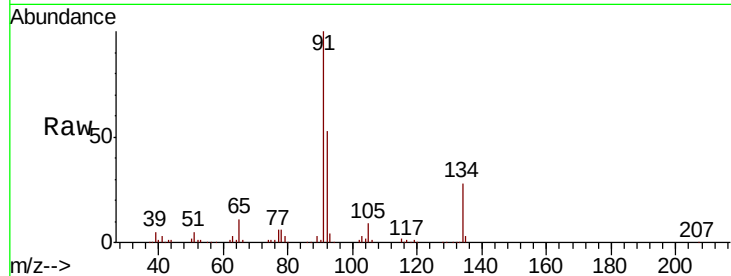




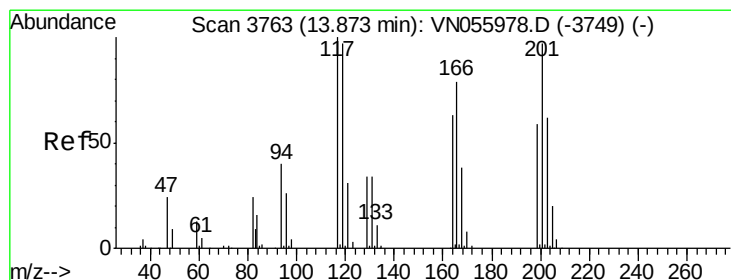
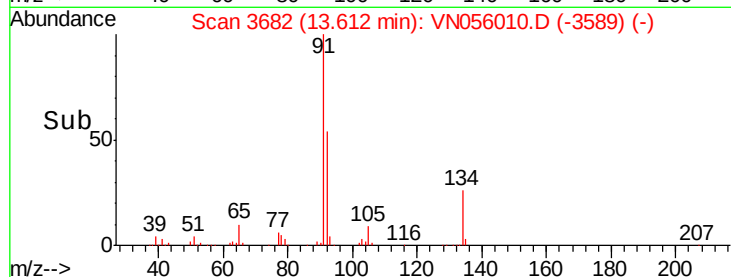
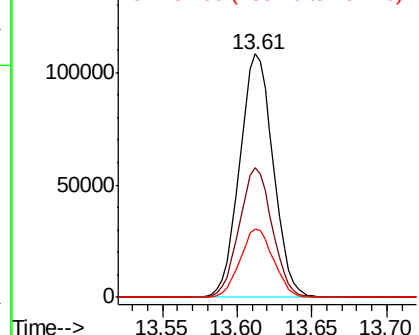
#89
n-Butylbenzene
Concen: 19.066 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 91 Resp: 169456
Ion Ratio Lower Upper
91 100
92 52.4 26.4 79.0
134 28.0 13.9 41.7

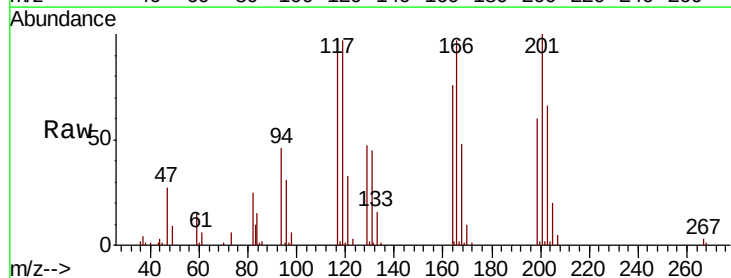


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): V

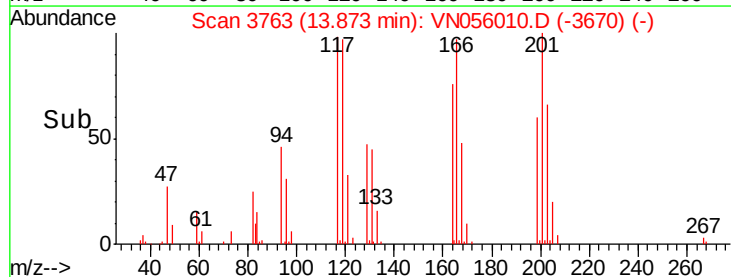
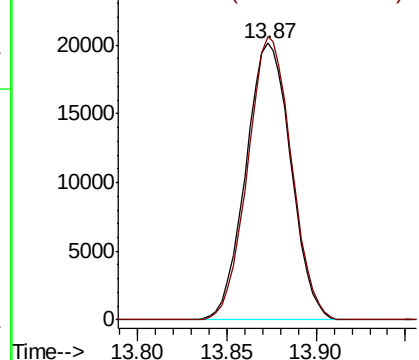


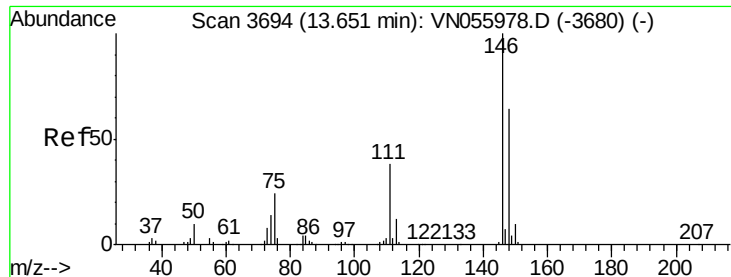
#90
Hexachloroethane
Concen: 19.664 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN056010.D
Acq: 5 Jun 2019 15:22

Tgt Ion: 117 Resp: 35579
Ion Ratio Lower Upper
117 100
201 99.3 50.0 150.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

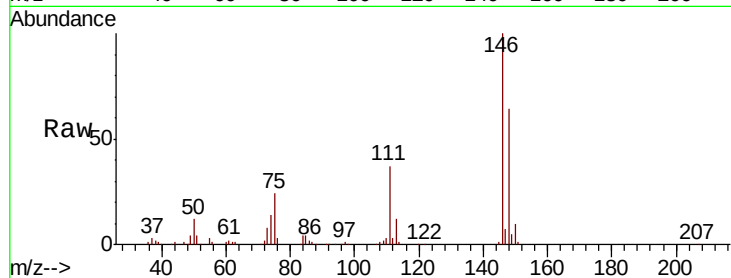




#91
 1,2-Dichlorobenzene
 Concen: 20.583 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN056010.D
 Acq: 5 Jun 2019 15:22

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.1	57.5
148	65.1	31.9	95.9

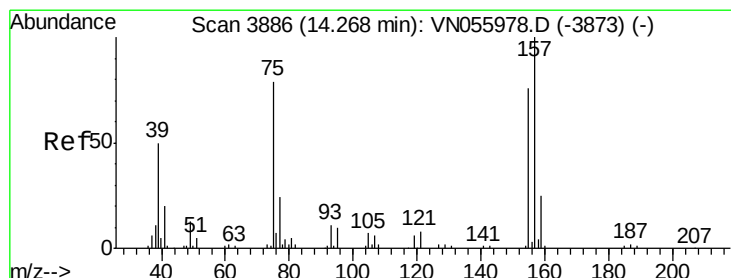
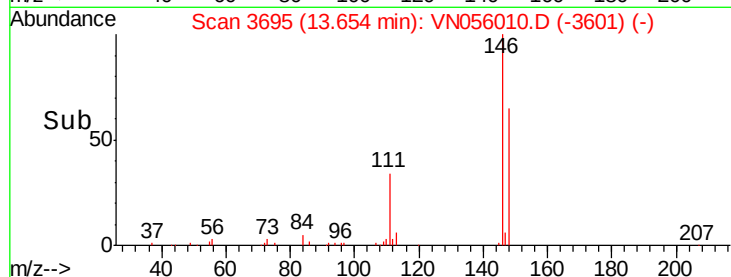
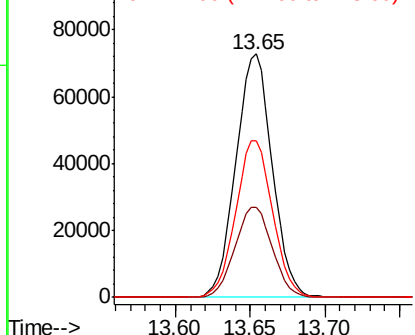


Abundance

Ion 145.90 (145.60 to 146.60): V

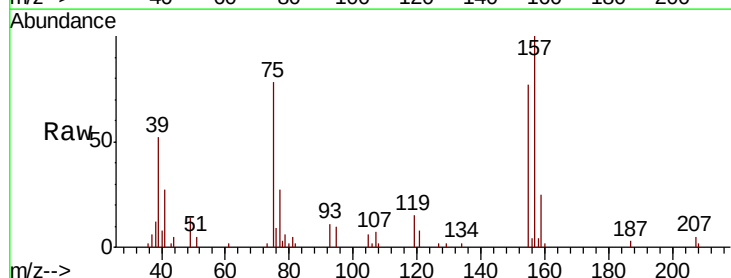
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.893 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN056010.D
 Acq: 5 Jun 2019 15:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.2	50.0	150.1
157	129.8	64.8	194.3

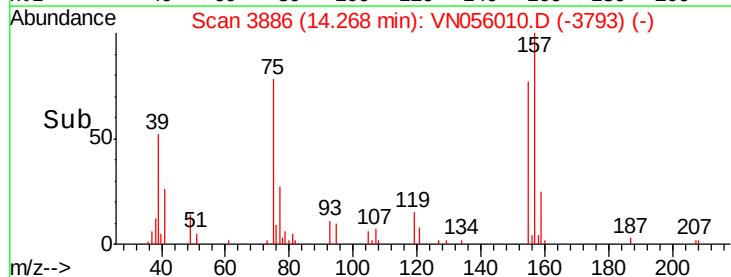
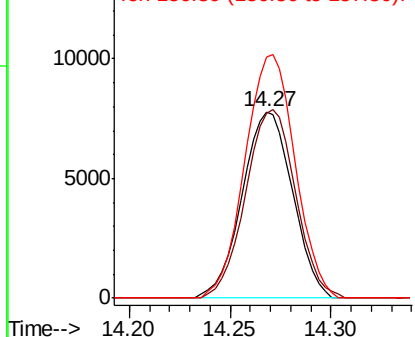


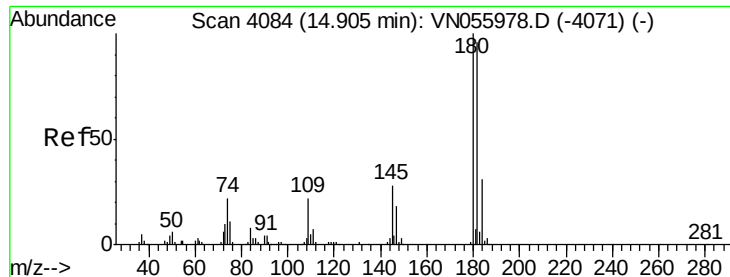
Abundance

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

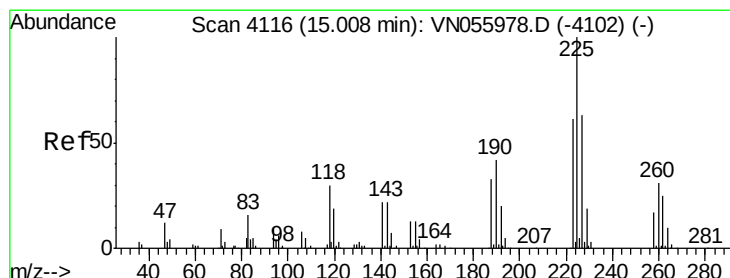
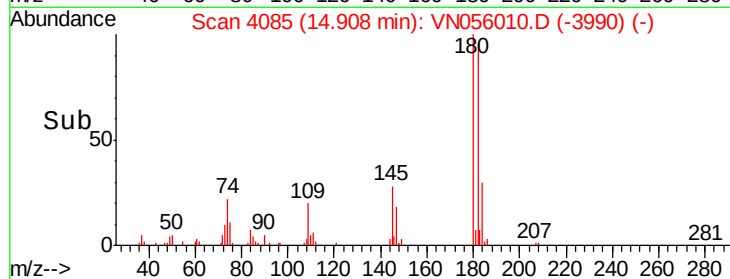
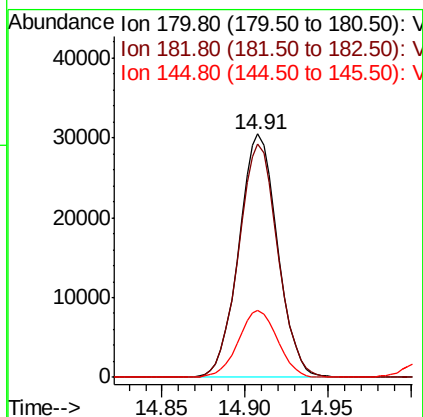
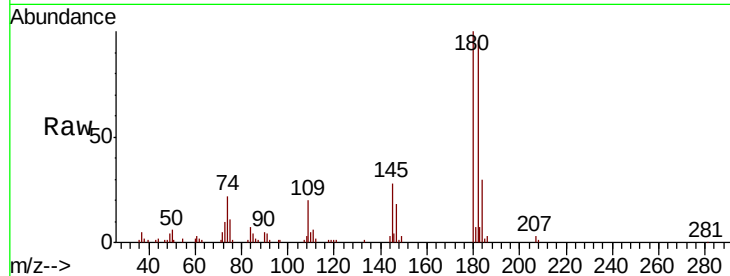




#93
 1,2,4-Trichlorobenzene
 Concen: 17.961 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056010.D
 Acq: 5 Jun 2019 15:22

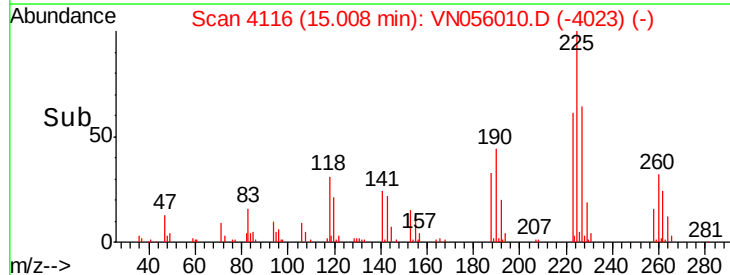
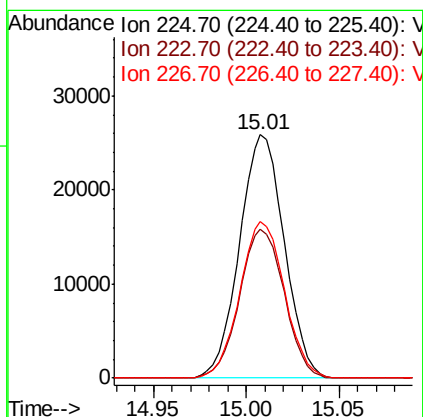
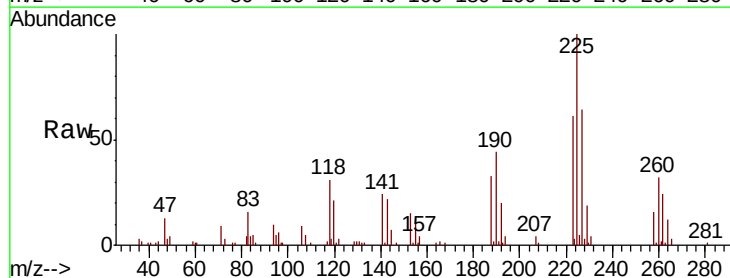
Instrument :
 MSVOA_N
 ClientSampleId :

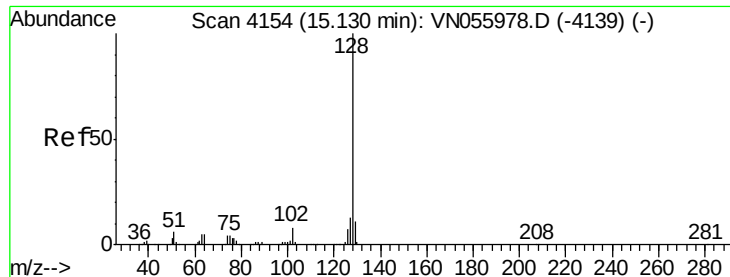
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.0	48.3	144.9
145	27.8	14.0	41.9



#94
 Hexachlorobutadiene
 Concen: 19.938 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056010.D
 Acq: 5 Jun 2019 15:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.9	30.9	92.7
227	64.0	31.6	94.7





#95

Naphthalene

Concen: 19.530 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

Instrument :

MSVOA_N

ClientSampleId :

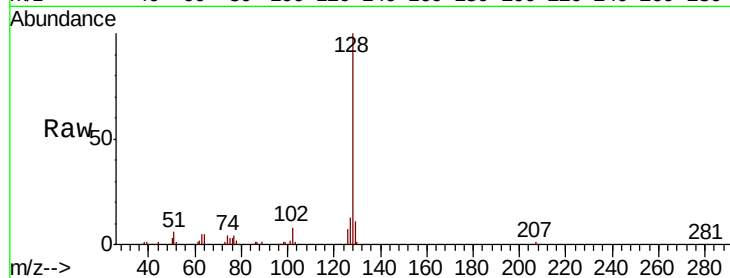
Tot Ion:128 Resp: 145384

Ion Ratio Lower Upper

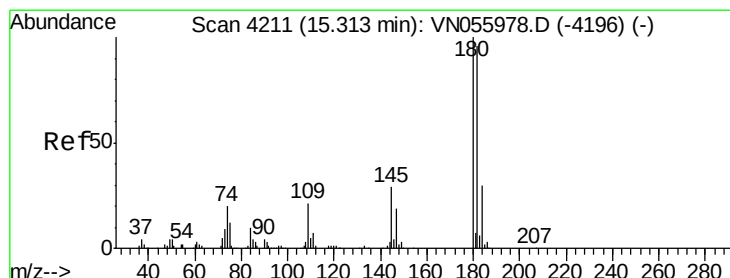
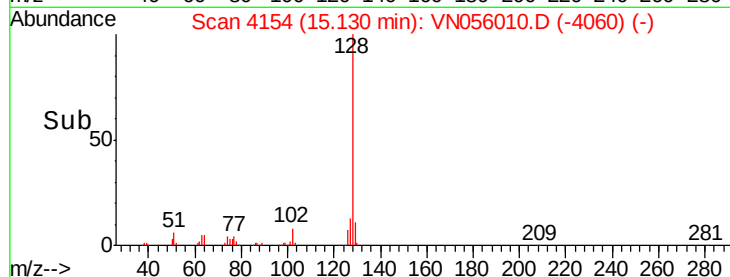
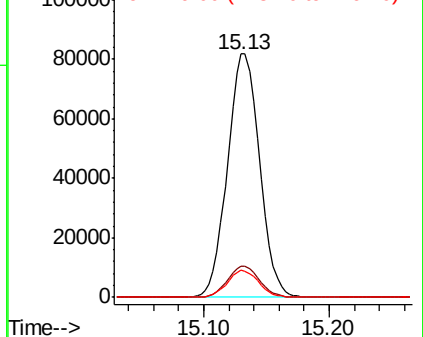
128 100

127 12.7 10.3 15.5

129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.056 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056010.D

Acq: 5 Jun 2019 15:22

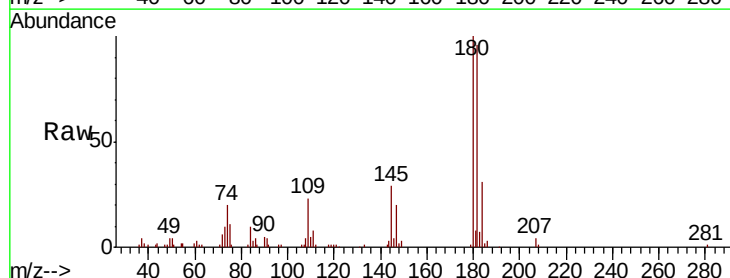
Tgt Ion:180 Resp: 57348

Ion Ratio Lower Upper

180 100

182 95.1 47.9 143.7

145 29.2 14.9 44.7



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

