

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040519\
 Data File : VN054965.D
 Acq On : 5 Apr 2019 10:53
 Operator : JC/SP
 Sample : K2241-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 05 23:30:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N040419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 05 02:23:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	394592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	678768	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	574299	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	191830	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	278100	53.45	ug/l	0.00
Spiked Amount						
			Recovery	=	106.90%	
35) Dibromofluoromethane	7.59	113	217851	49.30	ug/l	0.00
Spiked Amount						
			Recovery	=	98.60%	
50) Toluene-d8	10.09	98	802427	47.86	ug/l	0.00
Spiked Amount						
			Recovery	=	95.72%	
62) 4-Bromofluorobenzene	12.40	95	238107	42.56	ug/l	0.00
Spiked Amount						
			Recovery	=	85.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	4201	0.890	ug/l	96
3) Chloromethane	2.06	50	5907	0.947	ug/l	96
4) Vinyl Chloride	2.19	62	5620	1.031	ug/l	96
5) Bromomethane	2.57	94	3644	1.171	ug/l	100
6) Chloroethane	2.71	64	2875	0.946	ug/l	99
7) Trichlorofluoromethane	3.03	101	6499	0.982	ug/l	95
8) Diethyl Ether	3.41	74	2356	1.118	ug/l #	41
9) 1,1,2-Trichlorotrifluoroet	3.76	101	3693	1.053	ug/l	92
10) Methyl Iodide	3.94	142	2294	0.464	ug/l #	76
11) Tert butyl alcohol	4.81	59	623	2.321	ug/l #	91
12) 1,1-Dichloroethene	3.74	96	3277	0.942	ug/l #	92
13) Acrolein	3.60	56	250	4.767	ug/l #	58
14) Allyl chloride	4.33	41	7850	1.017	ug/l	94
15) Acrylonitrile	5.00	53	3877	2.408	ug/l #	41
16) Acetone	3.82	43	7061	Below Cal		98
17) Carbon Disulfide	4.04	76	10117	0.914	ug/l	98
18) Methyl Acetate	4.33	43	3864	Below Cal	#	77
19) Methyl tert-butyl Ether	5.06	73	10592	0.939	ug/l	100
20) Methylene Chloride	4.54	84	5576	1.155	ug/l	86
21) trans-1,2-Dichloroethene	5.03	96	3514	0.809	ug/l #	75
22) Diisopropyl ether	5.95	45	8744	0.552	ug/l #	75
23) Vinyl Acetate	5.90	43	44812	4.062	ug/l #	95
24) 1,1-Dichloroethane	5.85	63	8795	1.017	ug/l	96
25) 2-Butanone	6.86	43	7458	3.818	ug/l #	82
26) 2,2-Dichloropropane	6.83	77	5383	0.888	ug/l #	72
27) cis-1,2-Dichloroethene	6.83	96	3058	0.621	ug/l	50
28) Bromochloromethane	7.19	49	1851	0.457	ug/l #	3
29) Tetrahydrofuran	7.22	42	5840	4.561	ug/l #	82
30) Chloroform	7.37	83	8146	0.994	ug/l	99
31) Cyclohexane	7.66	56	15874	0.369	ug/l #	32
32) 1,1,1-Trichloroethane	7.57	97	6695	0.968	ug/l #	52
36) 1,1-Dichloropropene	7.79	75	6560	0.975	ug/l	91
38) Carbon Tetrachloride	7.77	117	6612	1.018	ug/l #	84
39) Methylcyclohexane	9.08	83	6994	0.945	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.04	78	17485	0.904	ug/l	97
41) Methacrylonitrile	7.18	41	1895	0.718	ug/l #	81
42) 1,2-Dichloroethane	8.12	62	6699	0.985	ug/l	98
43) Isopropyl Acetate	8.17	43	6931	0.891	ug/l	96
44) Trichloroethene	8.83	130	4587	0.927	ug/l	90
45) 1,2-Dichloropropane	9.12	63	5022	0.931	ug/l	89
46) Dibromomethane	9.20	93	2886	0.944	ug/l	96
47) Bromodichloromethane	9.41	83	5121	0.797	ug/l	92
48) Methyl methacrylate	9.20	41	3432	0.872	ug/l	91
49) 1,4-Dioxane	9.21	88	796	20.028	ug/l #	74
51) 4-Methyl-2-Pentanone	9.99	43	18502	4.264	ug/l	99
52) Toluene	10.15	92	10552	0.925	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	3965	2.600	ug/l #	81
54) cis-1,3-Dichloropropene	9.84	75	5530	0.765	ug/l	92
55) 1,1,2-Trichloroethane	10.56	97	3841	0.929	ug/l	94
56) Ethyl methacrylate	10.43	69	4431	0.819	ug/l	97
57) 1,3-Dichloropropane	10.71	76	6516	0.902	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.69	63	7187	12.729	ug/l	98
59) 2-Hexanone	10.76	43	10222	3.771	ug/l	99
60) Dibromochloromethane	10.90	129	3146	0.726	ug/l	94
61) 1,2-Dibromoethane	11.01	107	3393	0.873	ug/l	100
64) Tetrachloroethene	10.63	164	4352	0.940	ug/l	93
65) Chlorobenzene	11.43	112	11220	0.958	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.51	131	3595	0.839	ug/l #	59
67) Ethyl Benzene	11.51	91	18627	0.883	ug/l	96
68) m/p-Xylenes	11.62	106	13859	1.796	ug/l	89
69) o-Xylene	11.95	106	6912	0.918	ug/l	93
70) Stvrene	11.96	104	10202	0.845	ug/l	93
71) Bromoform	12.12	173	2119	0.823	ug/l #	92
73) Isopropylbenzene	12.25	105	16795	1.036	ug/l	98
74) N-amyl acetate	12.07	43	4043	0.898	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.50	83	4353	Below Cal		100
76) 1,2,3-Trichloropropane	12.56	75	5158	Below Cal	#	100
77) Bromobenzene	12.53	156	4187	1.067	ug/l	98
78) n-propylbenzene	12.59	91	17975	1.007	ug/l	100
79) 2-Chlorotoluene	12.67	91	11782	1.065	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	14107	1.060	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	122055	146.972	ug/l #	4
82) 4-Chlorotoluene	12.77	91	10986	1.050	ug/l	95
83) tert-Butylbenzene	12.99	119	12189	1.077	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	12361	0.960	ug/l	98
85) sec-Butylbenzene	13.17	105	13535	0.924	ug/l	96
86) p-Isopropyltoluene	13.29	119	12037	0.954	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	6298	0.965	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	6717	1.081	ug/l	95
89) n-Butylbenzene	13.62	91	8209	0.814	ug/l	96
90) Hexachloroethane	13.88	117	2093	0.988	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	6424	1.002	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	713	1.285	ug/l	66
93) 1,2,4-Trichlorobenzene	14.90	180	2206	3.080	ug/l	90

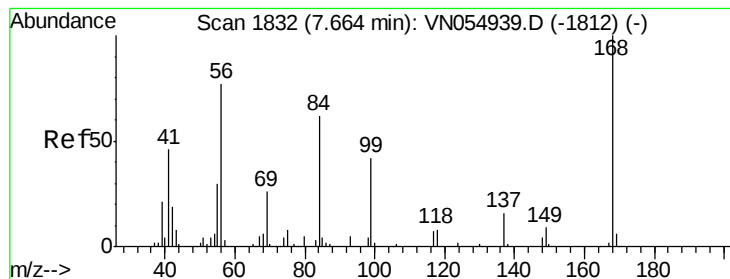
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.01	225	2562	1.195	ug/l	91
95) Naphthalene	15.14	128	4608	3.467	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.31	180	2593	0.881	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054965.D

Acq: 5 Apr 2019 10:53

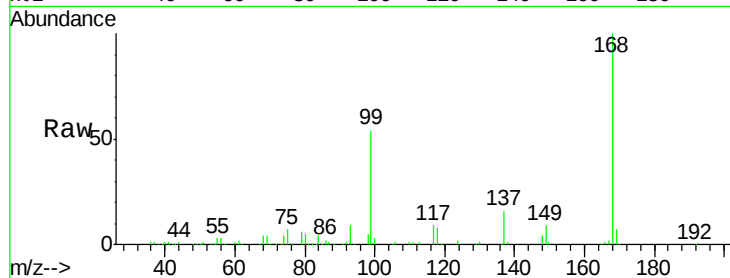
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 394592

Ion Ratio Lower Upper

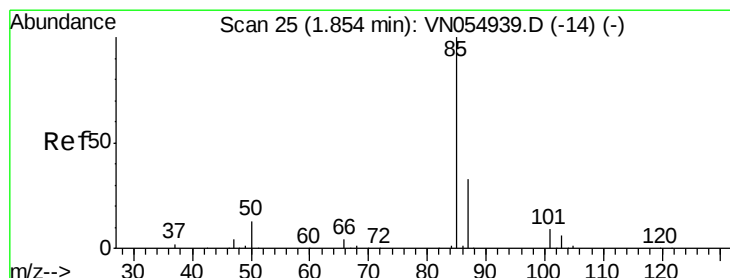
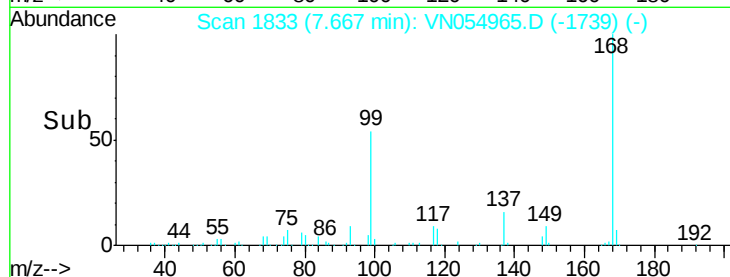
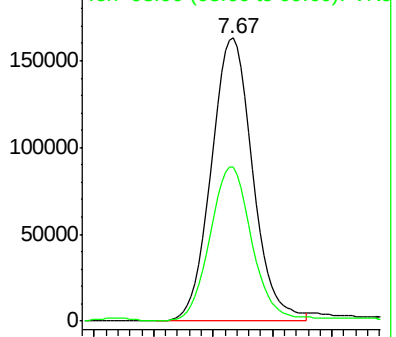
168 100

99 54.1 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 0.890 ug/l

RT: 1.85 min Scan# 25

Delta R.T. -0.00 min

Lab File: VN054965.D

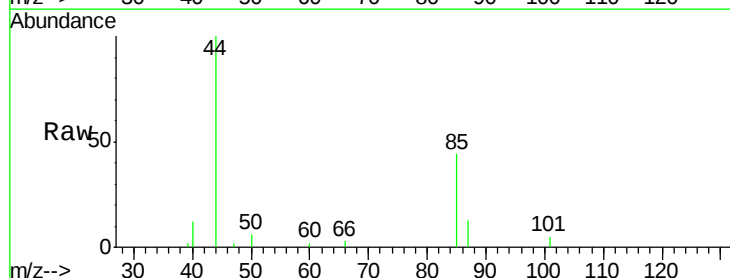
Acq: 5 Apr 2019 10:53

Tgt Ion: 85 Resp: 4201

Ion Ratio Lower Upper

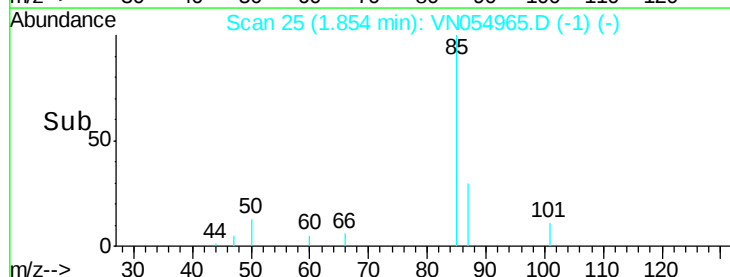
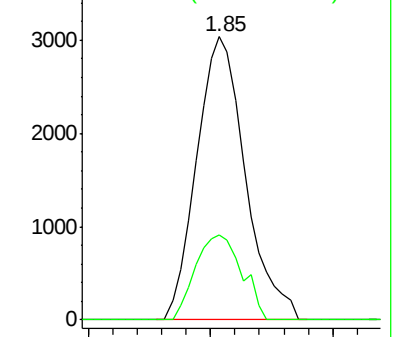
85 100

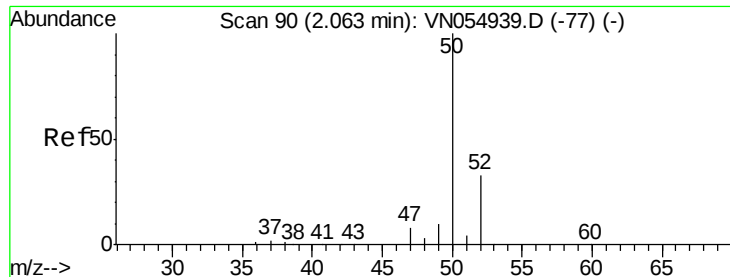
87 30.1 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 0.947 ug/l

RT: 2.06 min Scan# 90

Delta R.T. -0.00 min

Lab File: VN054965.D

Acq: 5 Apr 2019 10:53

Instrument :

MSVOA_N

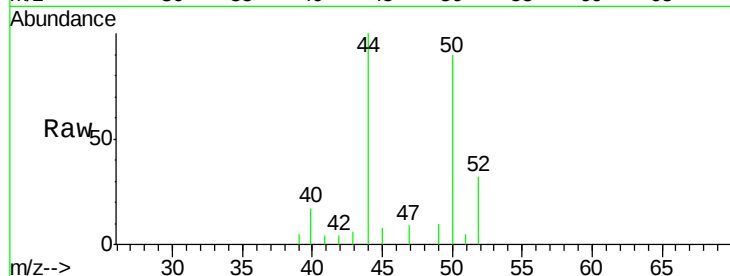
ClientSampleId :

Tot Ion: 50 Resp: 5907

Ion Ratio Lower Upper

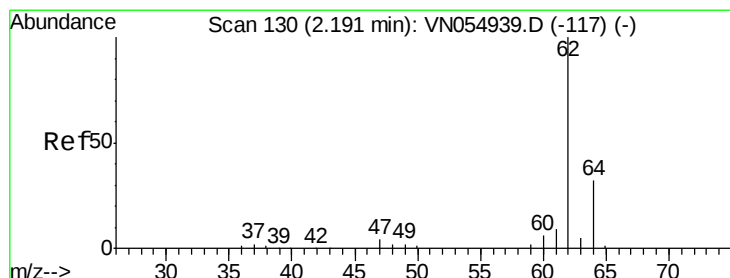
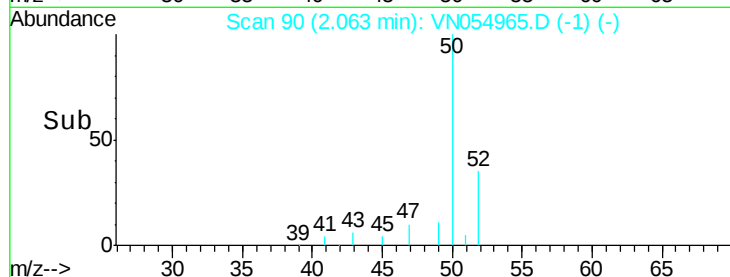
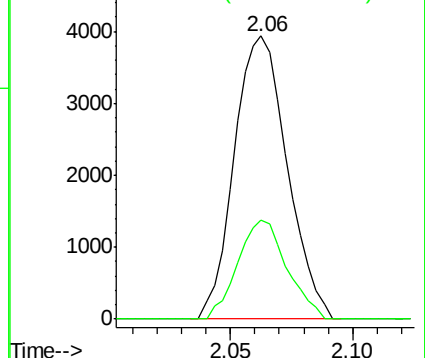
50 100

52 35.1 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 1.031 ug/l

RT: 2.19 min Scan# 130

Delta R.T. -0.00 min

Lab File: VN054965.D

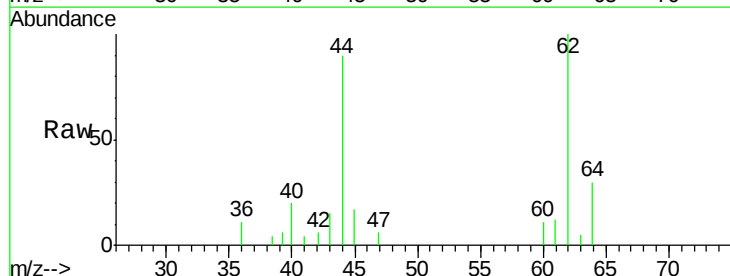
Acq: 5 Apr 2019 10:53

Tgt Ion: 62 Resp: 5620

Ion Ratio Lower Upper

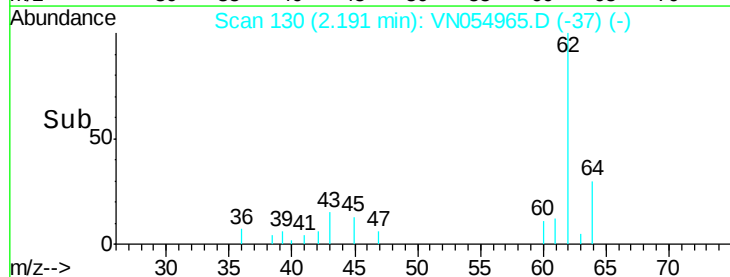
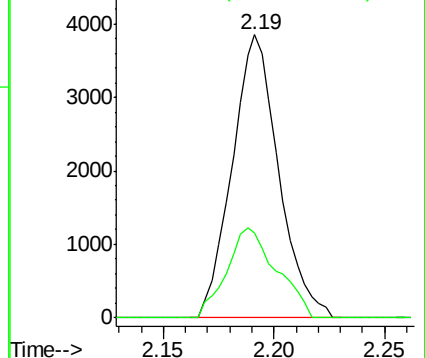
62 100

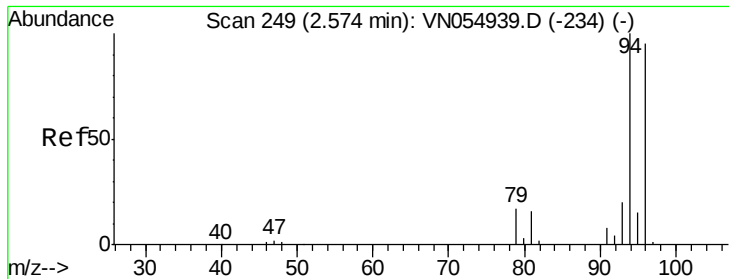
64 29.8 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 1.171 ug/l

RT: 2.57 min Scan# 249

Delta R.T. -0.00 min

Lab File: VN054965.D

Acq: 5 Apr 2019 10:53

Instrument :

MSVOA_N

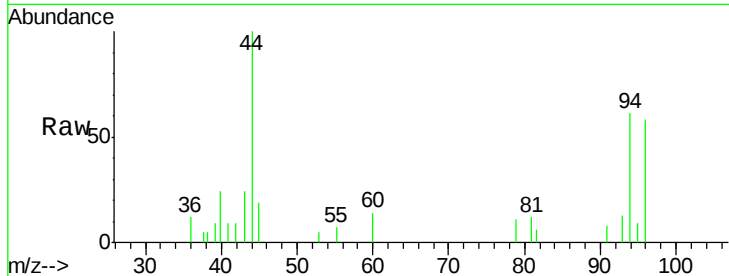
ClientSampled :

Tot Ion: 94 Resp: 3644

Ion Ratio Lower Upper

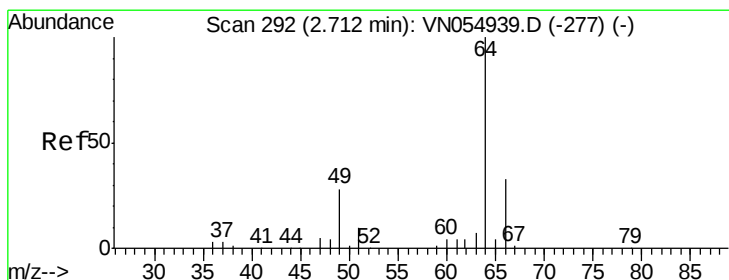
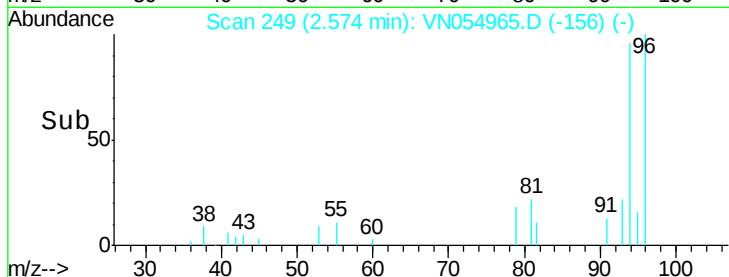
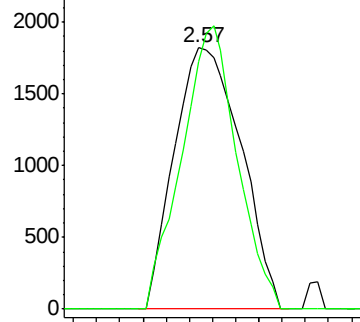
94 100

96 94.7 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 0.946 ug/l

RT: 2.71 min Scan# 291

Delta R.T. -0.00 min

Lab File: VN054965.D

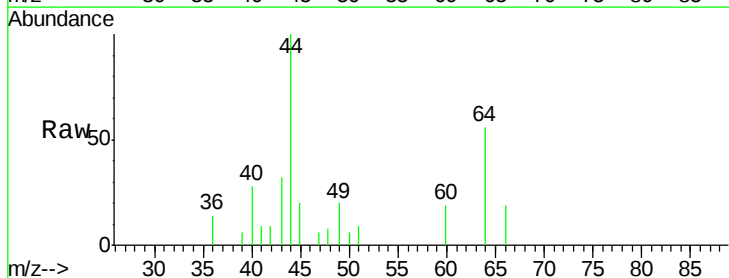
Acq: 5 Apr 2019 10:53

Tgt Ion: 64 Resp: 2875

Ion Ratio Lower Upper

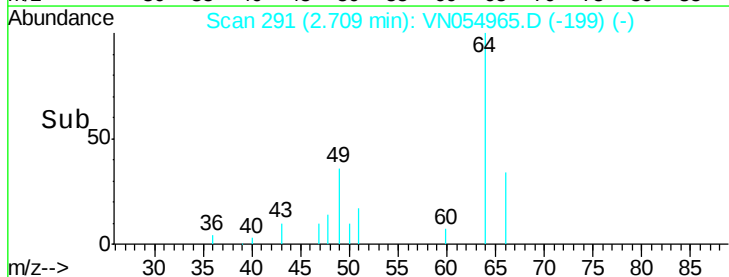
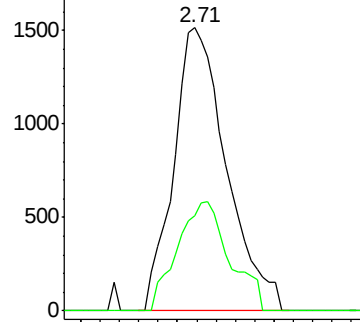
64 100

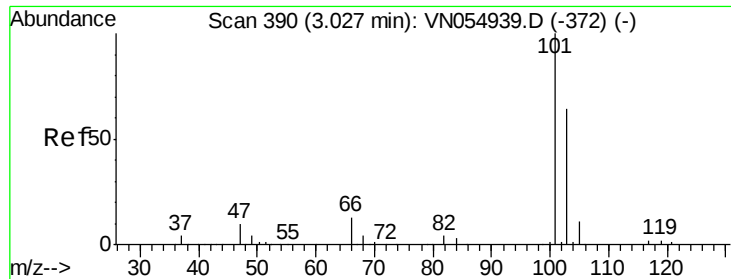
66 33.6 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



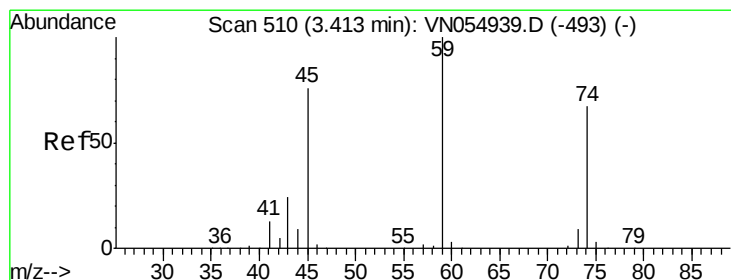
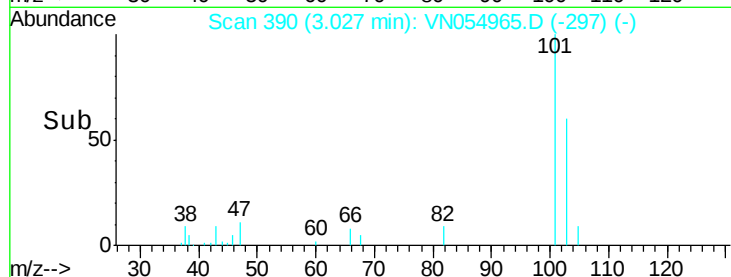
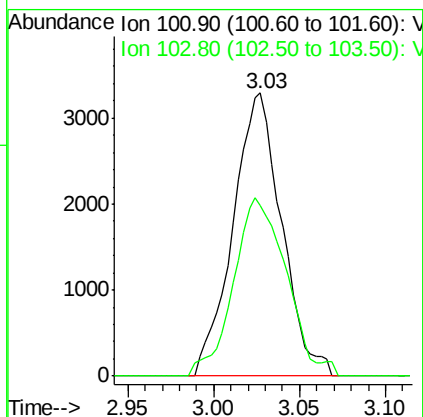
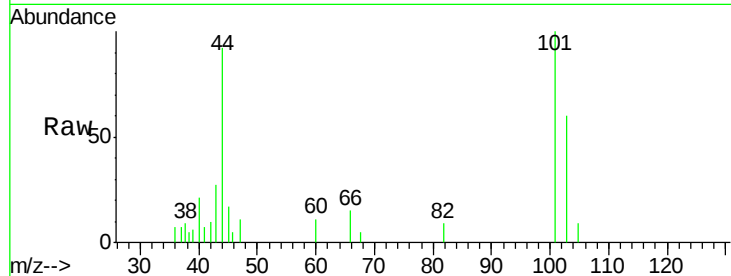


#7

Trichlorofluoromethane
Concen: 0.982 ug/l
RT: 3.03 min Scan# 390
Delta R.T. -0.00 min
Lab File: VN054965.D
Acq: 5 Apr 2019 10:53

Instrument :
MSVOA_N
ClientSampled :

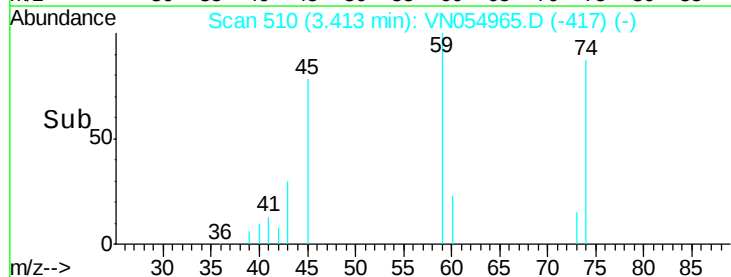
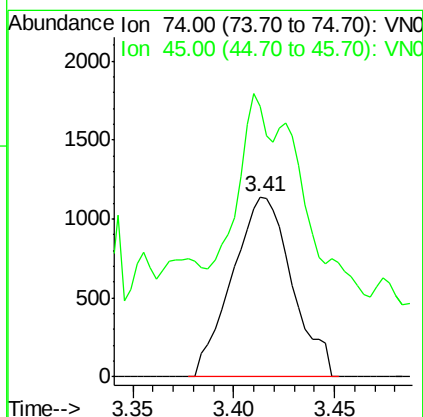
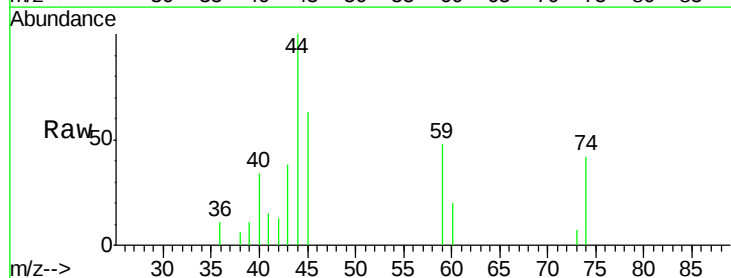
Tot Ion:101 Resp: 6499
Ion Ratio Lower Upper
101 100
103 60.4 51.3 76.9

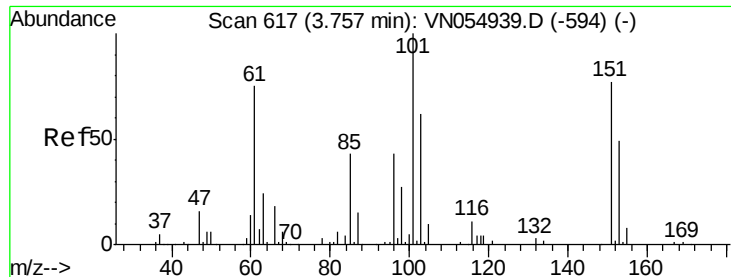


#8

Diethyl Ether
Concen: 1.118 ug/l
RT: 3.41 min Scan# 510
Delta R.T. -0.00 min
Lab File: VN054965.D
Acq: 5 Apr 2019 10:53

Tgt Ion: 74 Resp: 2356
Ion Ratio Lower Upper
74 100
45 49.2 56.3 168.9#





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.053 ug/l

RT: 3.76 min Scan# 619

Delta R.T. 0.01 min

Lab File: VN054965.D

Acq: 5 Apr 2019 10:53

Instrument :

MSVOA_N

ClientSampled :

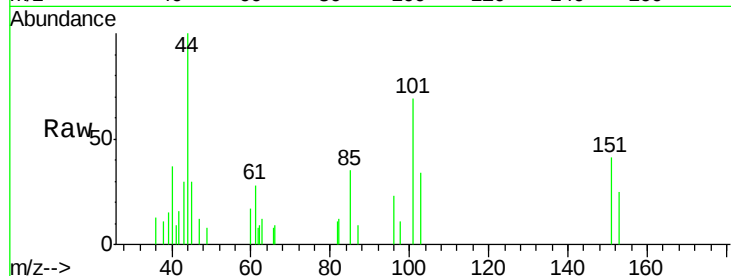
Tot Ion:101 Resp: 3693

Ion Ratio Lower Upper

101 100

85 50.7 36.2 54.2

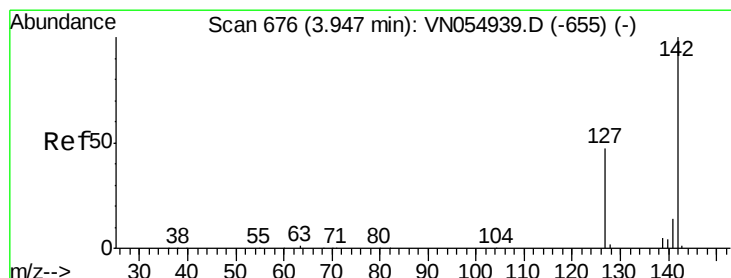
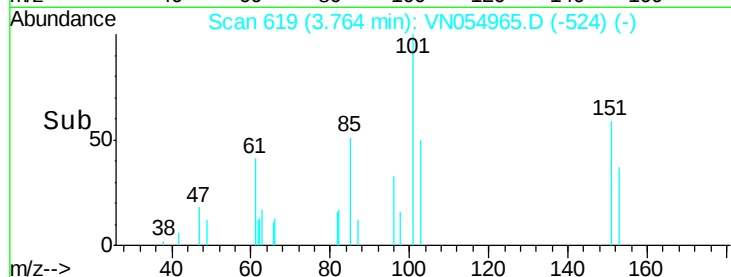
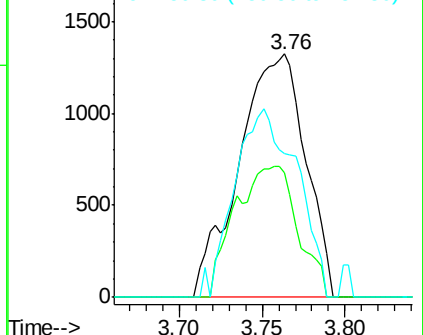
151 72.5 63.4 95.0



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: 0.464 ug/l

RT: 3.94 min Scan# 673

Delta R.T. -0.01 min

Lab File: VN054965.D

Acq: 5 Apr 2019 10:53

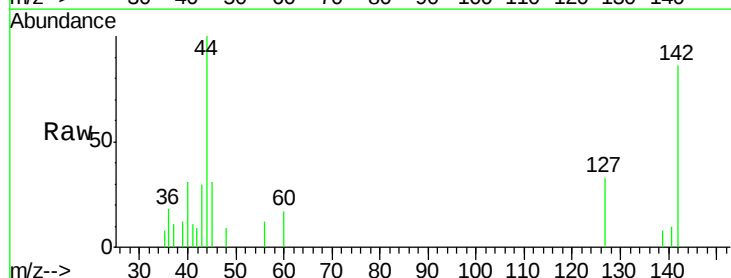
Tgt Ion:142 Resp: 2294

Ion Ratio Lower Upper

142 100

127 31.9 38.0 57.0#

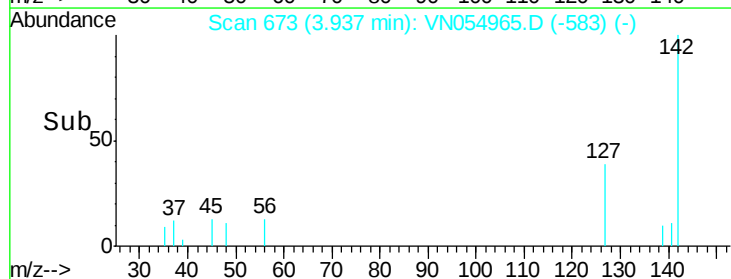
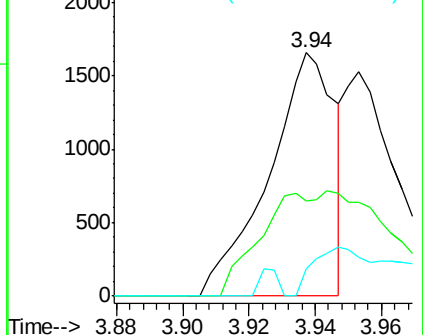
141 25.1 11.7 17.5#

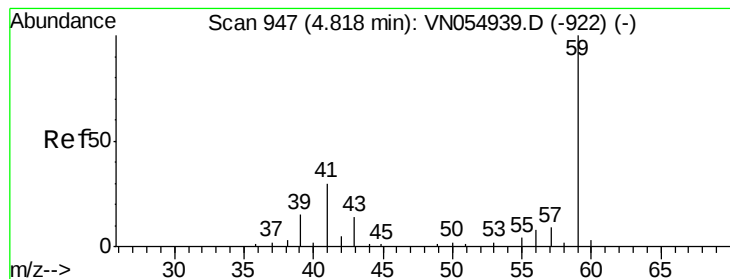


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



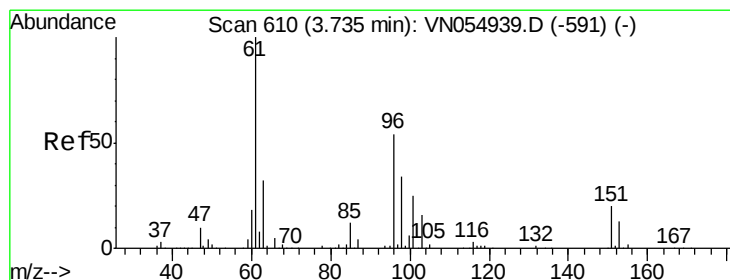
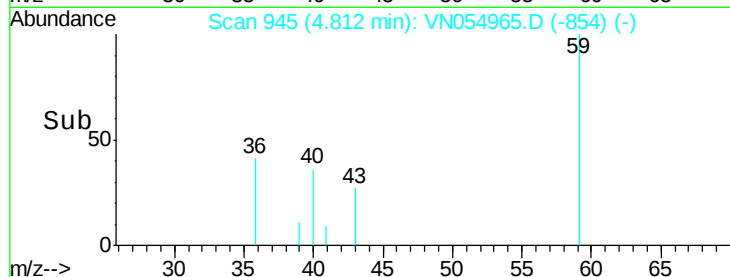
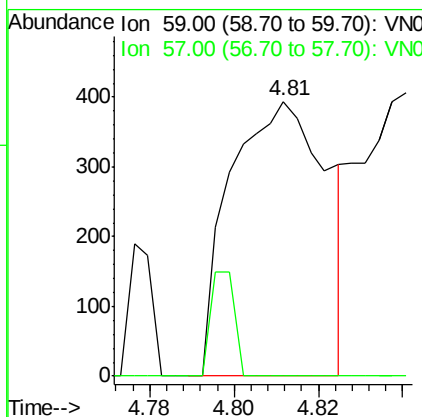
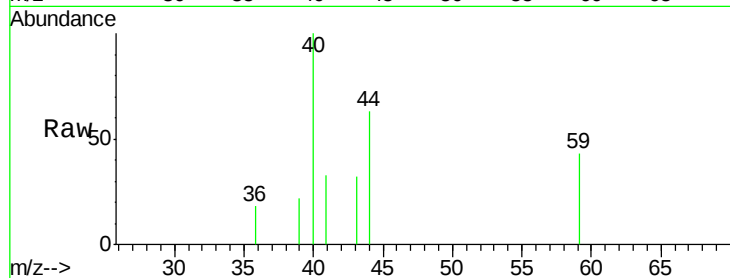


#11

Tert butyl alcohol
 Concen: 2.321 ug/l
 RT: 4.81 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: VN054965.D
 Acq: 5 Apr 2019 10:53

Instrument :
 MSVOA_N
 ClientSampled :

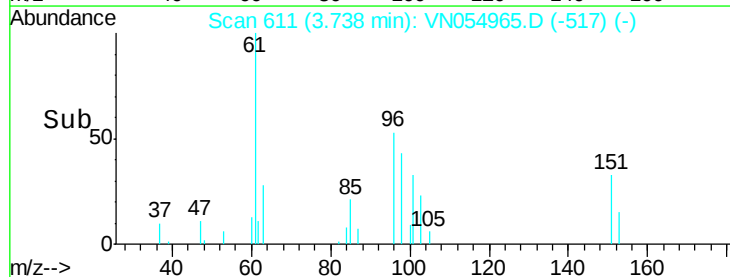
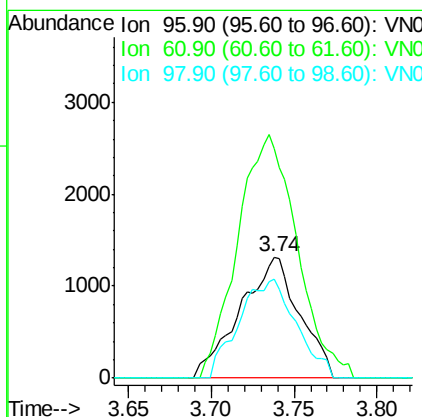
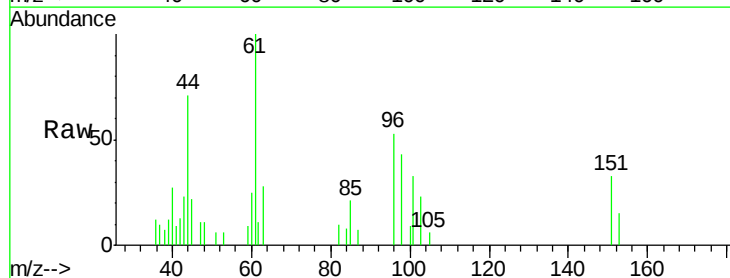
Tot Ion: 59 Resp: 623
 Ion Ratio Lower Upper
 59 100
 57 9.3 5.0 7.4#

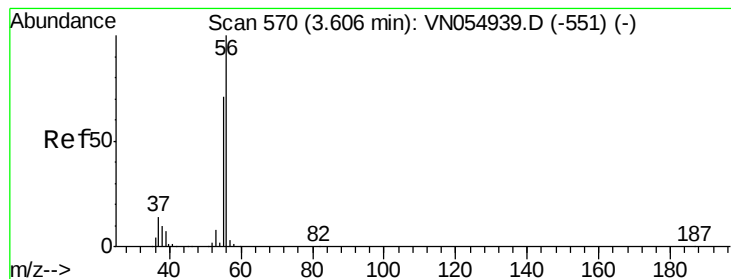


#12

1,1-Dichloroethene
 Concen: 0.942 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: VN054965.D
 Acq: 5 Apr 2019 10:53

Tgt Ion: 96 Resp: 3277
 Ion Ratio Lower Upper
 96 100
 61 189.3 148.2 222.2
 98 81.8 50.2 75.4#





#13

Acrolein

Concen: 4.767 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN054965.D

Acq: 5 Apr 2019 10:53

Instrument :

MSVOA_N

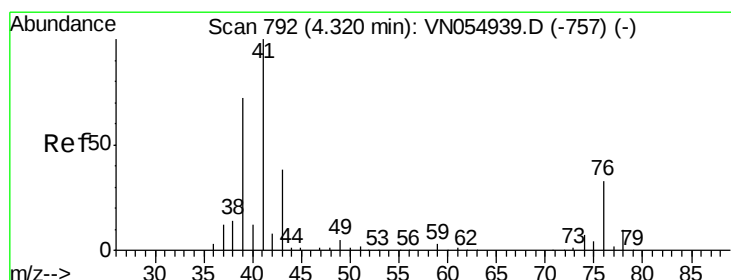
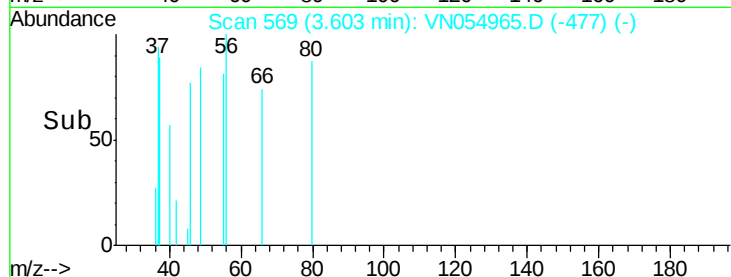
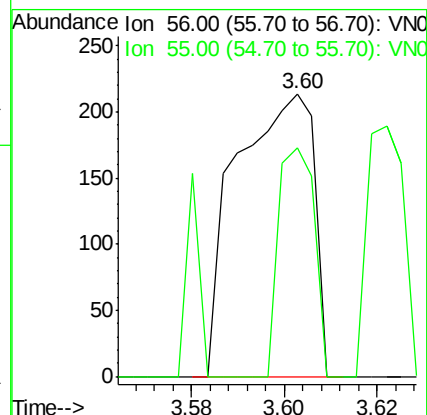
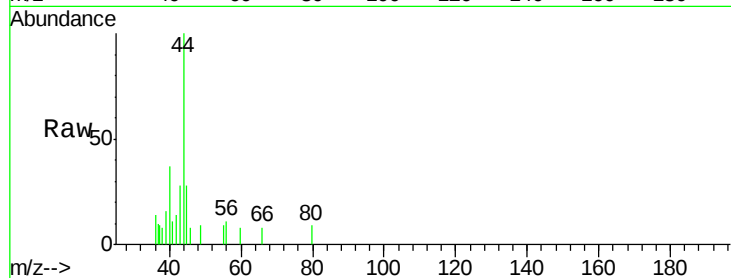
ClientSampleId :

Tot Ion: 56 Resp: 250

Ion Ratio Lower Upper

56 100

55 37.6 58.6 87.8#



#14

Allyl chloride

Concen: 1.017 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.01 min

Lab File: VN054965.D

Acq: 5 Apr 2019 10:53

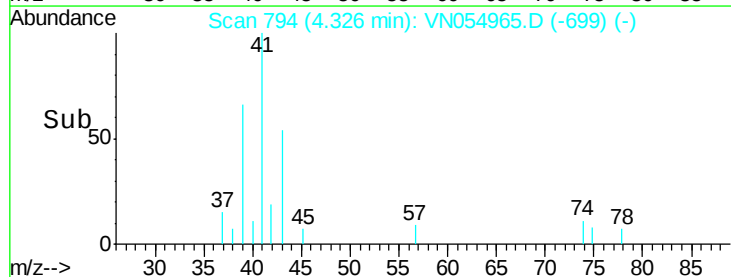
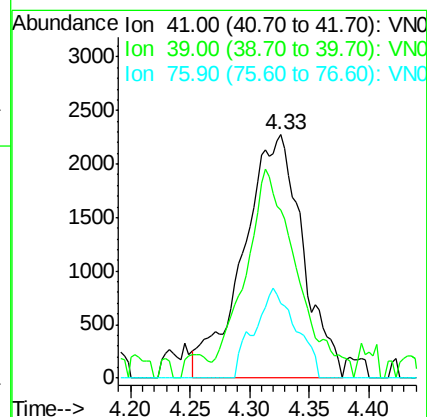
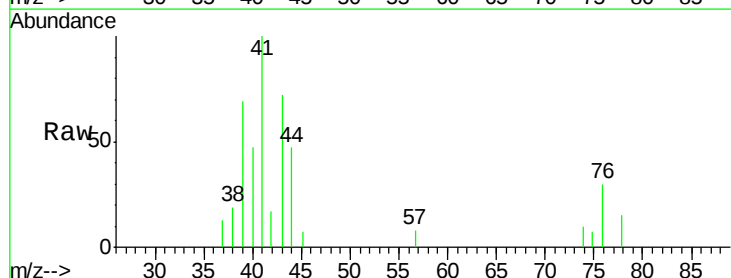
Tgt Ion: 41 Resp: 7850

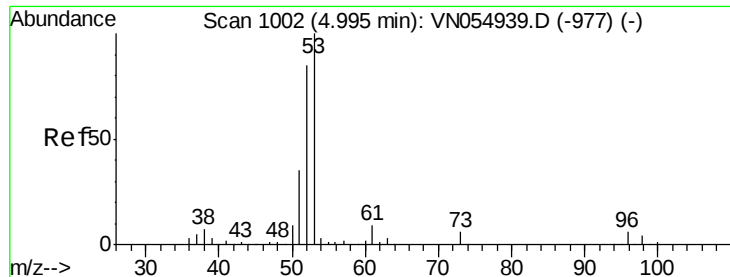
Ion Ratio Lower Upper

41 100

39 74.3 55.4 83.2

76 25.9 23.8 35.8





#15

Acrylonitrile

Concen: 2.408 ug/l

RT: 5.00 min Scan# 1003

Delta R.T. 0.00 min

Lab File: VN054965.D

Acq: 5 Apr 2019 10:53

Instrument :

MSVOA_N

ClientSampled :

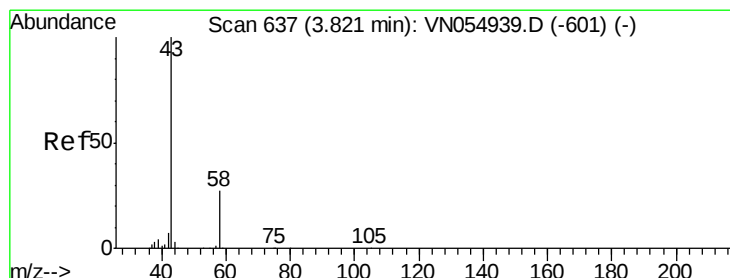
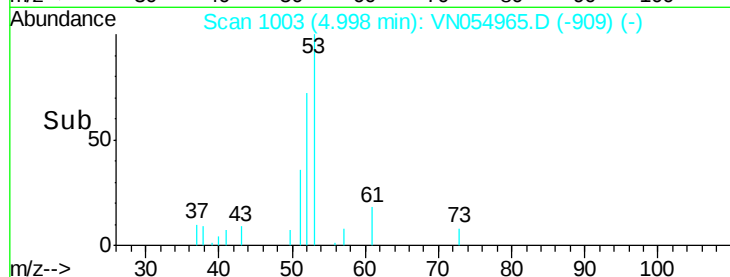
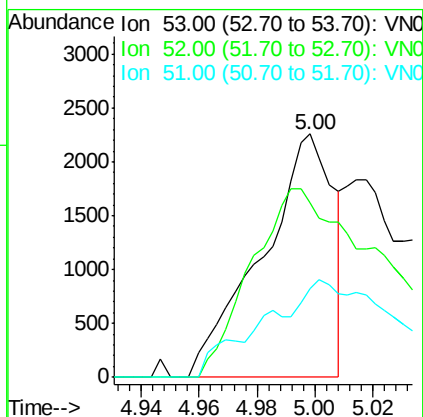
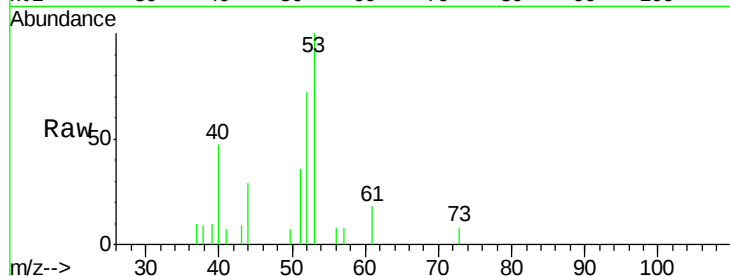
Tot Ion: 53 Resp: 3877

Ion Ratio Lower Upper

53 100

52 148.3 66.4 99.6#

51 53.6 29.5 44.3#



#16

Acetone

Concen: Below Cal

RT: 3.82 min Scan# 635

Delta R.T. -0.01 min

Lab File: VN054965.D

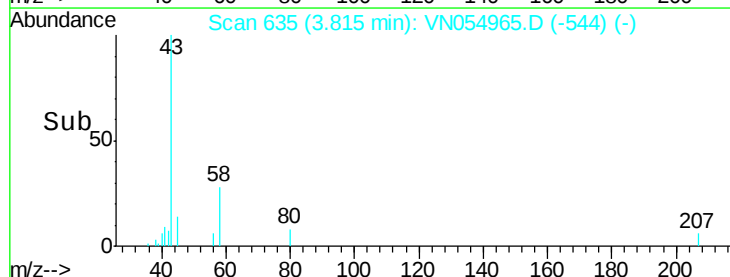
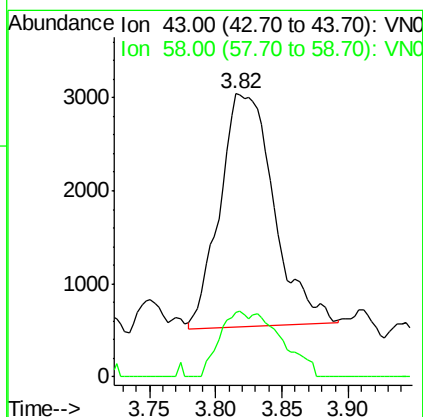
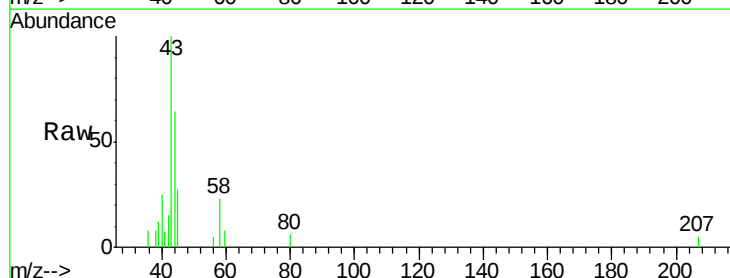
Acq: 5 Apr 2019 10:53

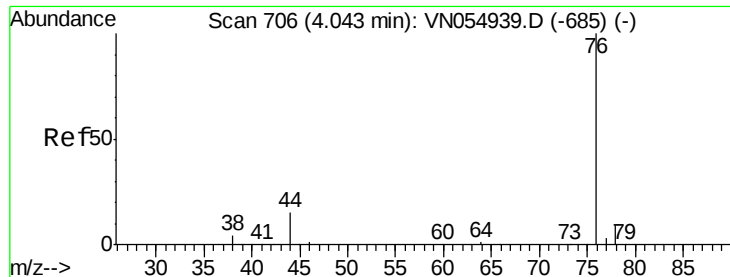
Tgt Ion: 43 Resp: 7061

Ion Ratio Lower Upper

43 100

58 28.0 21.7 32.5

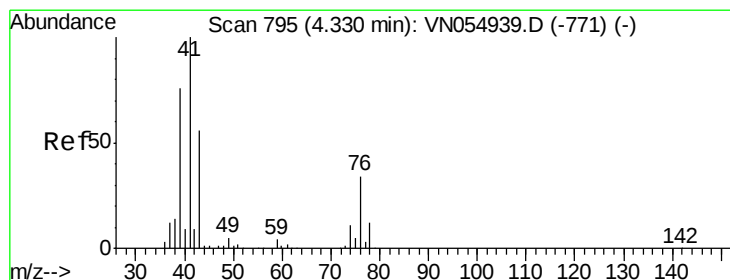
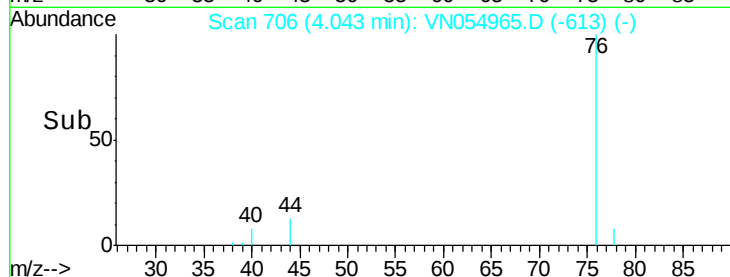
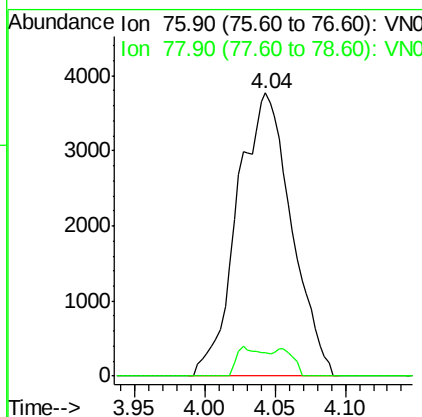
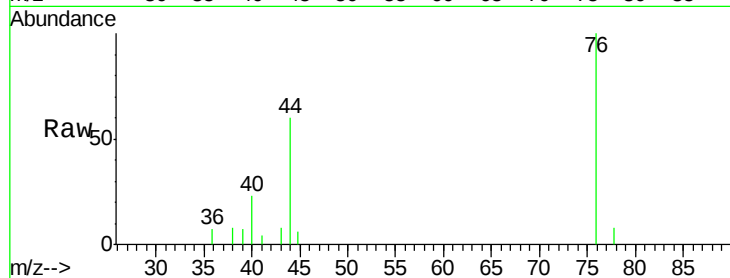




#17
Carbon Disulfide
Concen: 0.914 ug/l
RT: 4.04 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN054965.D
Acq: 5 Apr 2019 10:53

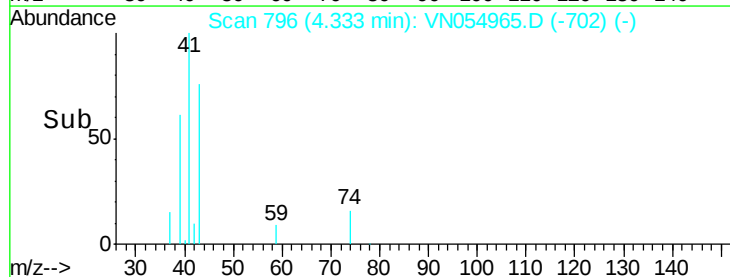
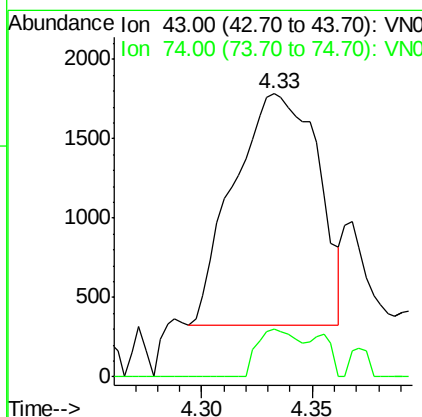
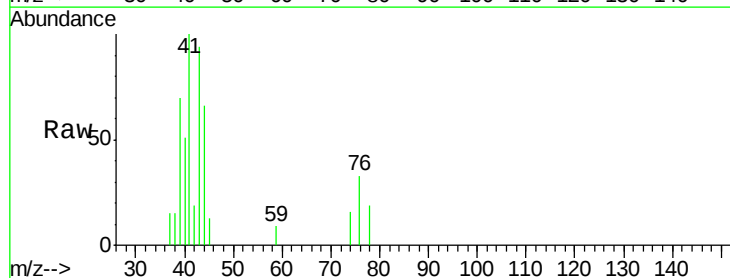
Instrument :
MSVOA_N
ClientSampled :

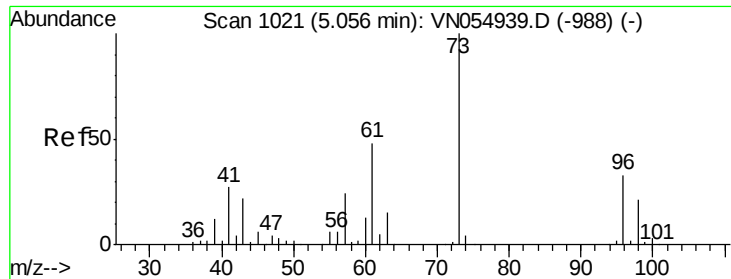
Tot Ion: 76 Resp: 10117
Ion Ratio Lower Upper
76 100
78 8.1 7.1 10.7



#18
Methyl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 796
Delta R.T. 0.00 min
Lab File: VN054965.D
Acq: 5 Apr 2019 10:53

Tgt Ion: 43 Resp: 3864
Ion Ratio Lower Upper
43 100
74 10.0 16.4 24.6#

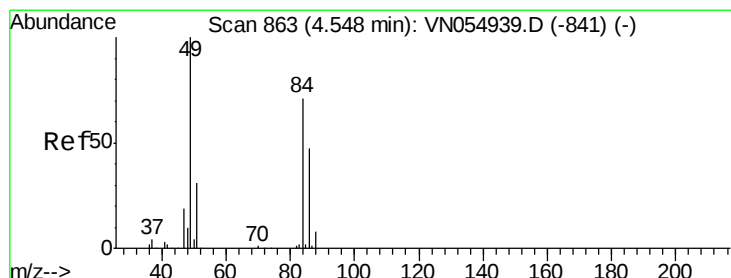
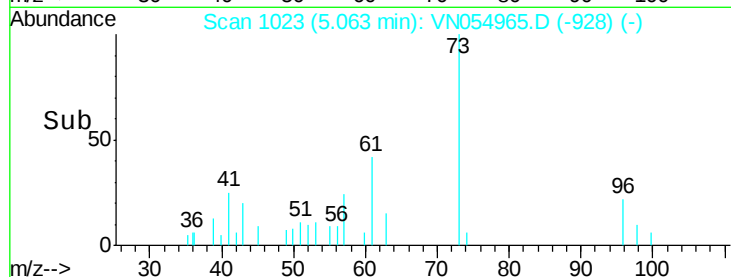
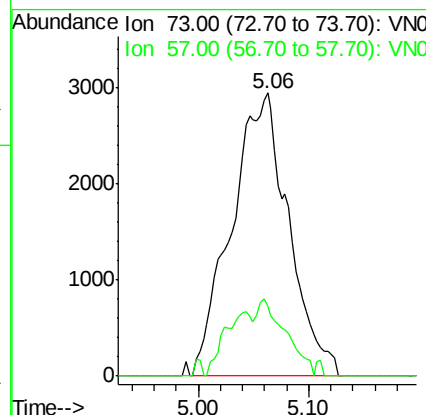
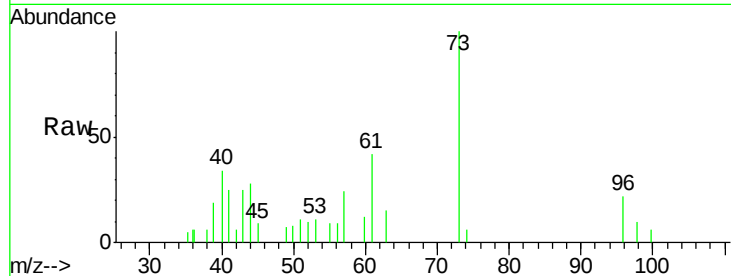




#19
Methvl tert-butvl Ether
Concen: 0.939 ug/l
RT: 5.06 min Scan# 1023
Delta R.T. 0.01 min
Lab File: VN054965.D
Acq: 5 Apr 2019 10:53

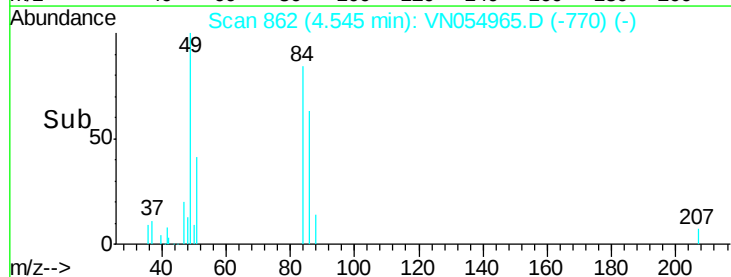
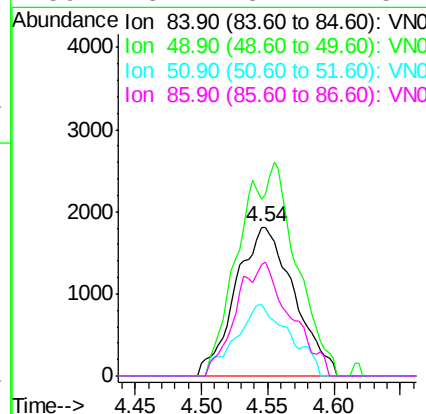
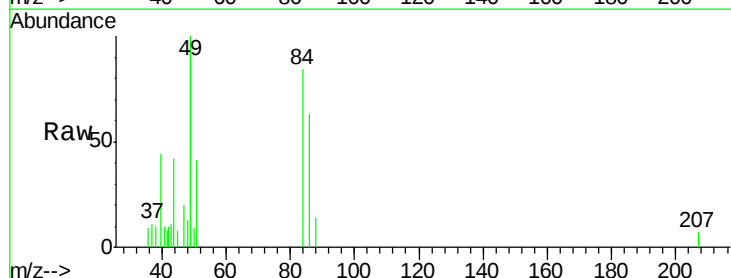
Instrument :
MSVOA_N
ClientSampleId :

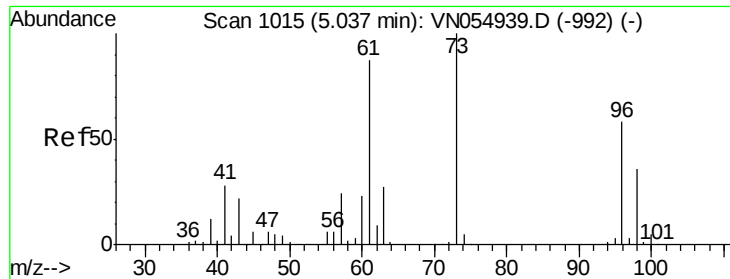
Tot Ion: 73 Resp: 10592
Ion Ratio Lower Upper
73 100
57 24.5 19.5 29.3



#20
Methylene Chloride
Concen: 1.155 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.00 min
Lab File: VN054965.D
Acq: 5 Apr 2019 10:53

Tgt Ion: 84 Resp: 5576
Ion Ratio Lower Upper
84 100
49 119.1 112.1 168.1
51 48.4 34.5 51.7
86 75.2 52.2 78.4

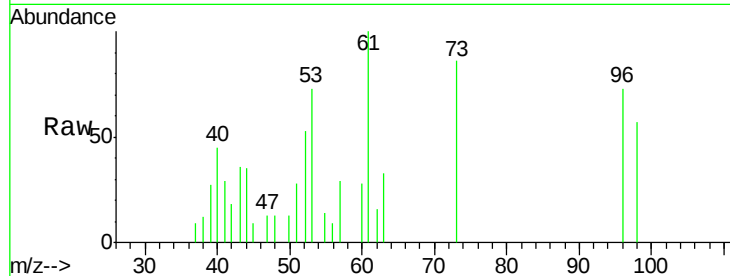




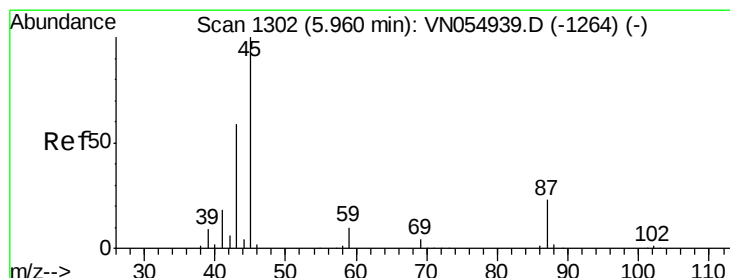
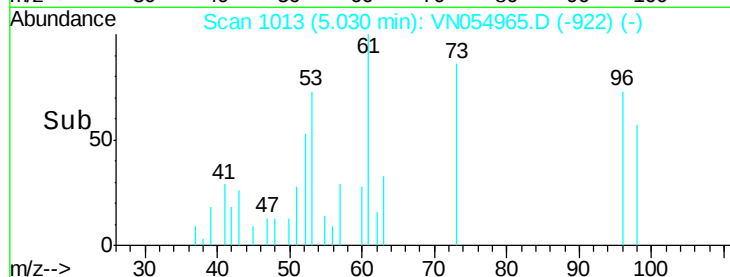
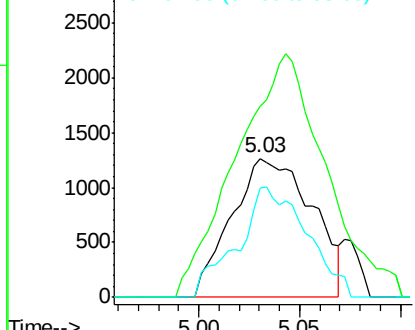
#21
trans-1,2-Dichloroethene
Concen: 0.809 ug/l
RT: 5.03 min Scan# 1013
Delta R.T. -0.01 min
Lab File: VN054965.D
Acq: 5 Apr 2019 10:53

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 3514
Ion Ratio Lower Upper
96 100
61 116.4 120.1 180.1#
98 78.5 49.3 73.9#

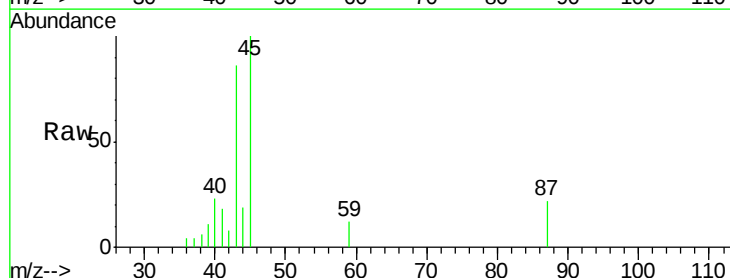


Abundance Ion 95.90 (95.60 to 96.60): VNC
Ion 60.90 (60.60 to 61.60): VNC
Ion 97.90 (97.60 to 98.60): VNC

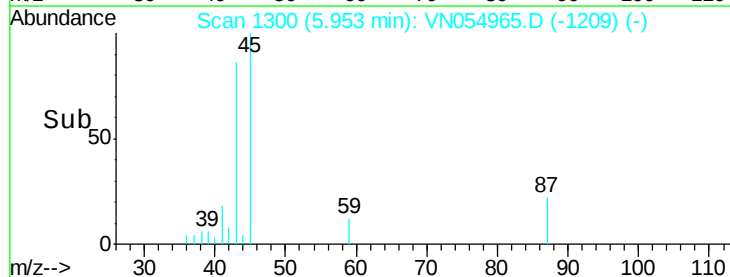
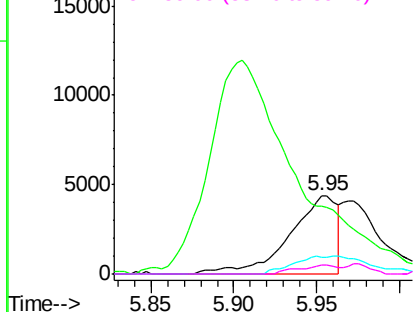


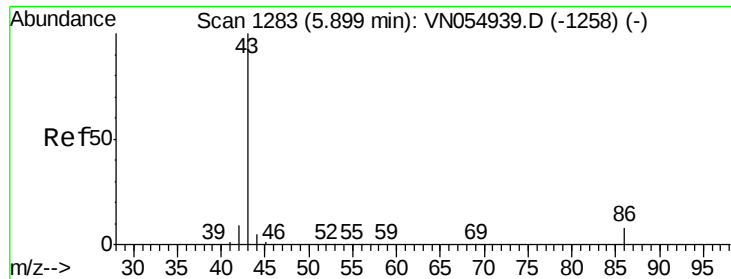
#22
Diisopropyl ether
Concen: 0.552 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. -0.01 min
Lab File: VN054965.D
Acq: 5 Apr 2019 10:53

Tgt Ion: 45 Resp: 8744
Ion Ratio Lower Upper
45 100
43 30.2 46.9 70.3#
87 21.8 18.6 28.0
59 12.0 8.5 12.7



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





#23

Vinyl Acetate

Concen: 4.062 ug/l

RT: 5.90 min Scan# 1285

Delta R.T. 0.01 min

Lab File: VN054965.D

Acq: 5 Apr 2019 10:53

Instrument :

MSVOA_N

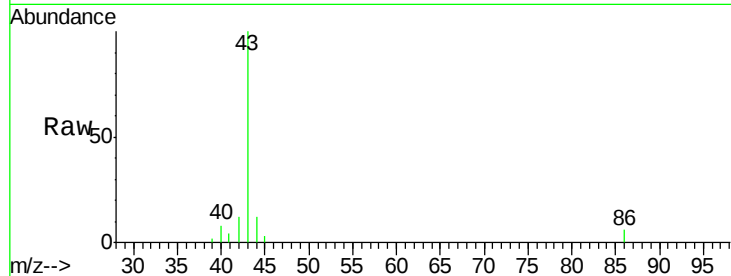
ClientSampled :

Tot Ion: 43 Resp: 44812

Ion Ratio Lower Upper

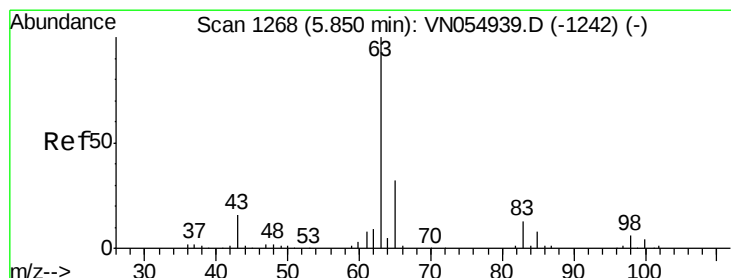
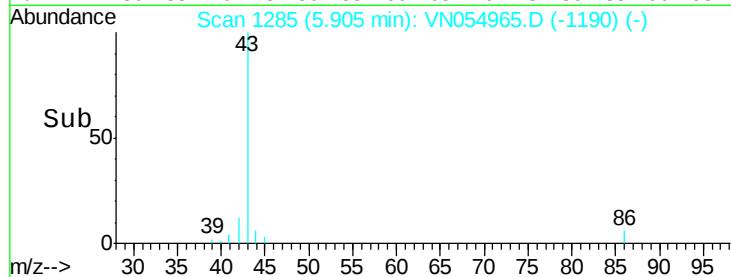
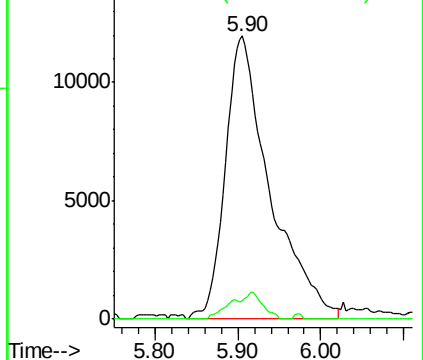
43 100

86 6.5 6.7 10.1#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 1.017 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. -0.00 min

Lab File: VN054965.D

Acq: 5 Apr 2019 10:53

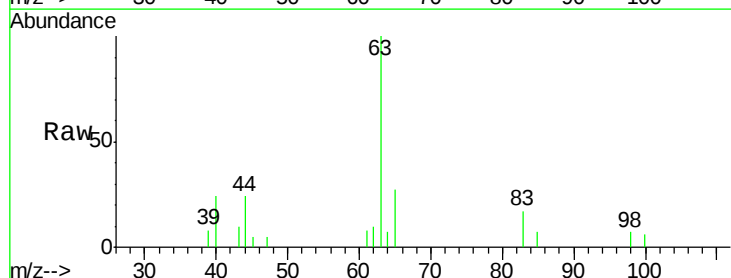
Tgt Ion: 63 Resp: 8795

Ion Ratio Lower Upper

63 100

98 6.5 2.9 8.7

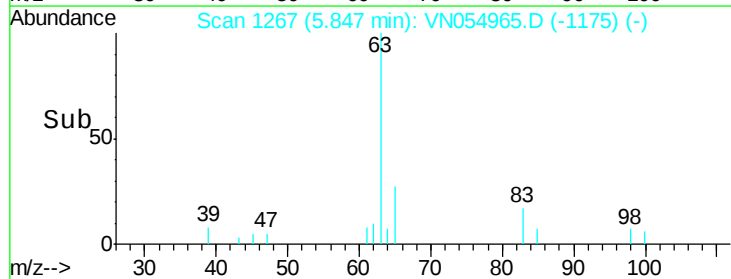
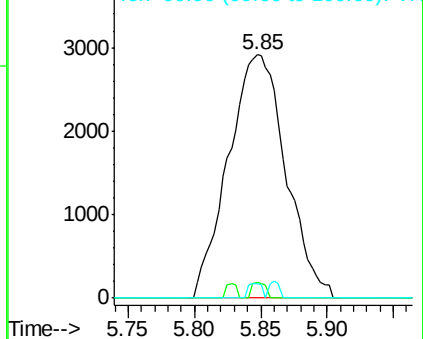
100 6.0 2.1 6.2

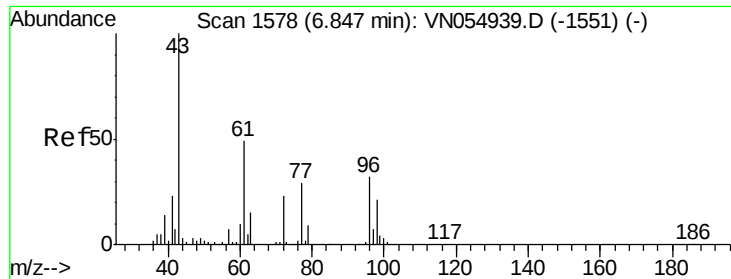


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

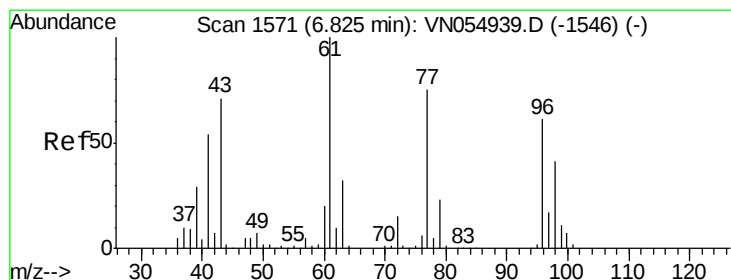
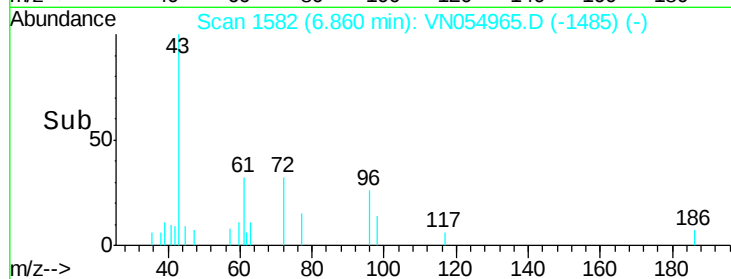
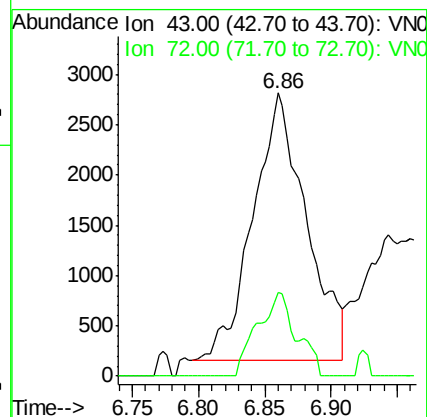
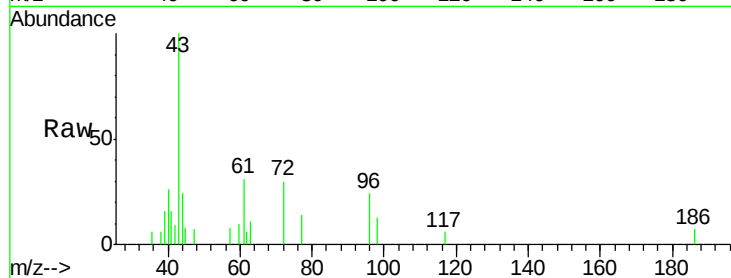




#25
2-Butanone
Concen: 3.818 ug/l
RT: 6.86 min Scan# 1582
Delta R.T. 0.01 min
Lab File: VN054965.D
Acq: 5 Apr 2019 10:53

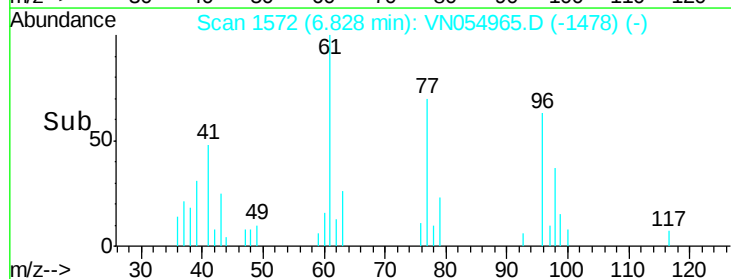
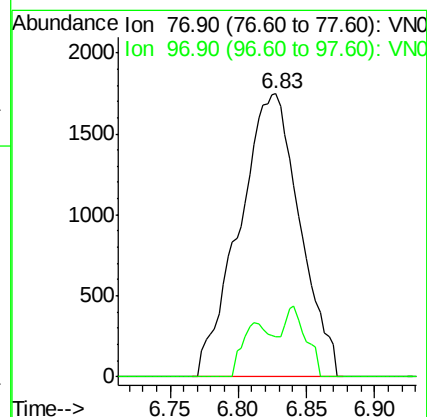
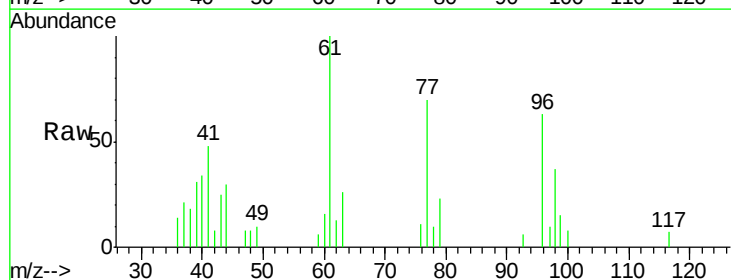
Instrument :
MSVOA_N
ClientSampled :

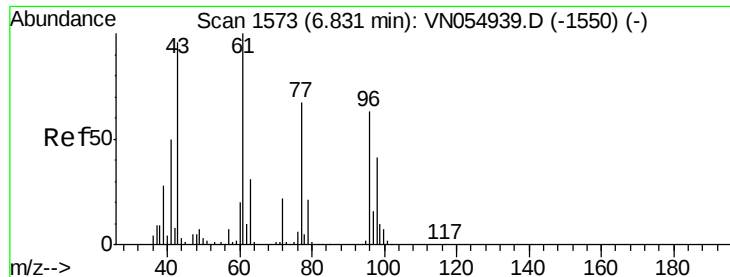
Tot Ion: 43 Resp: 7458
Ion Ratio Lower Upper
43 100
72 31.6 18.3 27.5#



#26
2,2-Dichloropropane
Concen: 0.888 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN054965.D
Acq: 5 Apr 2019 10:53

Tgt Ion: 77 Resp: 5383
Ion Ratio Lower Upper
77 100
97 9.5 11.6 34.8#





#27

cis-1,2-Dichloroethene

Concen: 0.621 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN054965.D

Acq: 5 Apr 2019 10:53

Instrument :
MSVOA_N
ClientSampled :

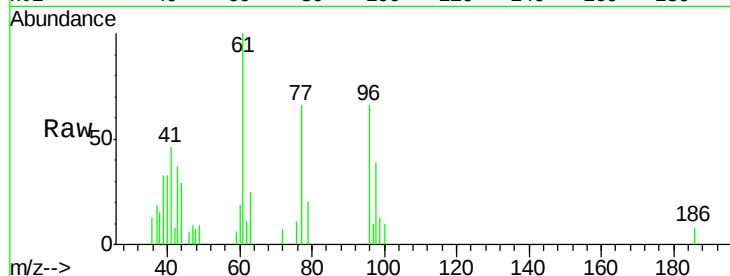
Tot Ion: 96 Resp: 3058

Ion Ratio Lower Upper

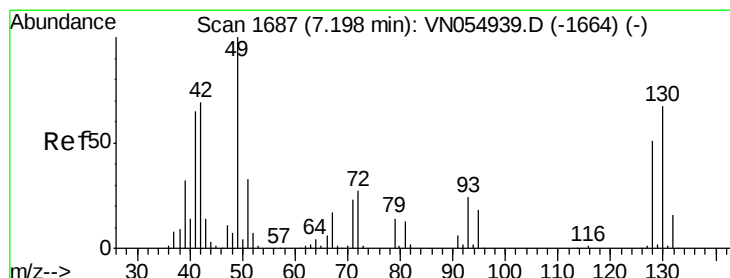
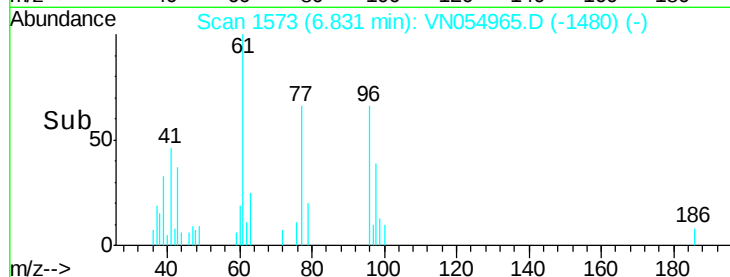
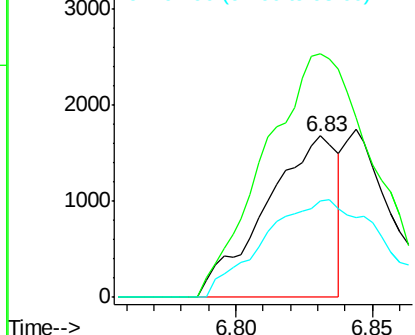
96 100

61 226.3 0.0 316.2

98 99.4 0.0 129.6



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



#28

Bromochloromethane

Concen: 0.457 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VN054965.D

Acq: 5 Apr 2019 10:53

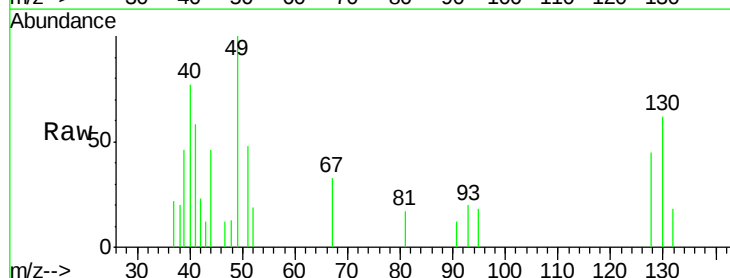
Tgt Ion: 49 Resp: 1851

Ion Ratio Lower Upper

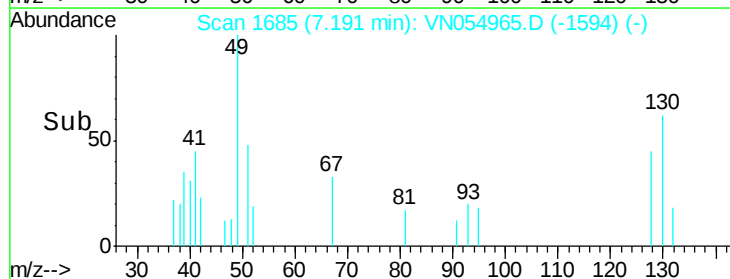
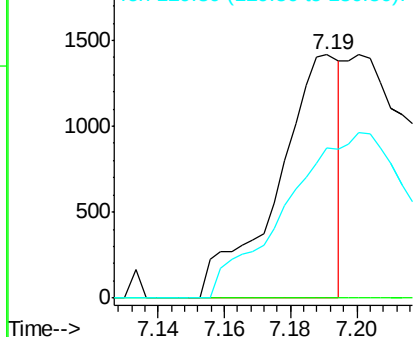
49 100

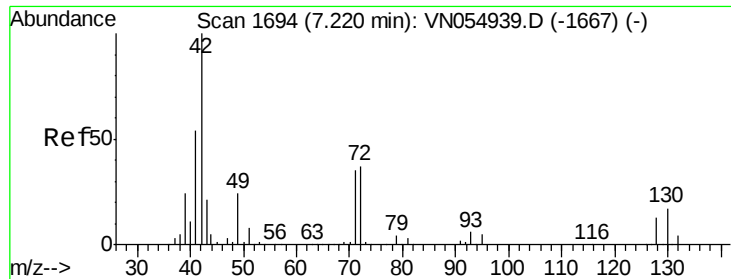
129 0.0 0.0 3.8

130 146.0 53.1 79.7#



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

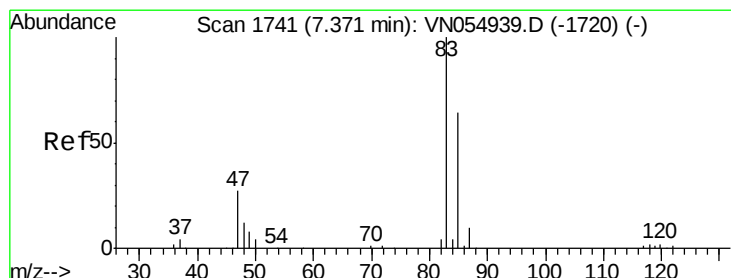
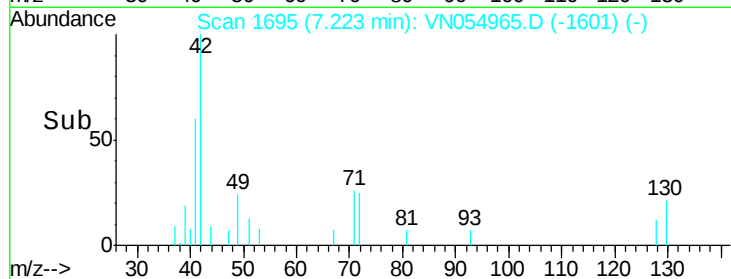
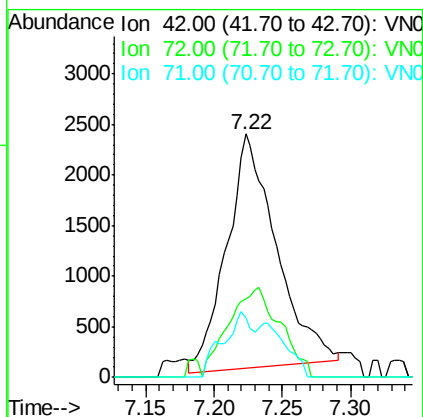
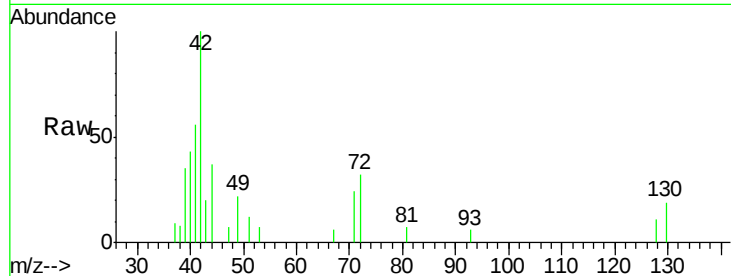




#29
Tetrahydrofuran
Concen: 4.561 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.00 min
Lab File: VN054965.D
Acq: 5 Apr 2019 10:53

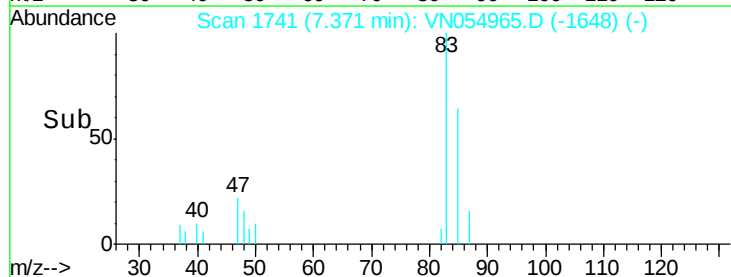
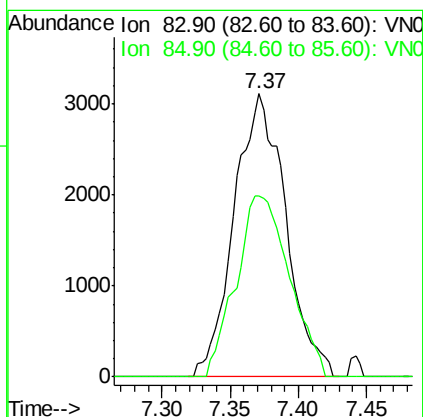
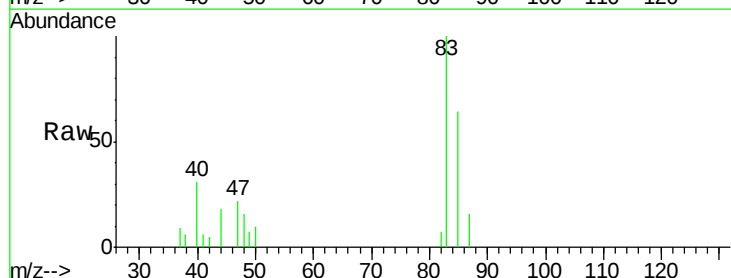
Instrument :
MSVOA_N
ClientSampled :

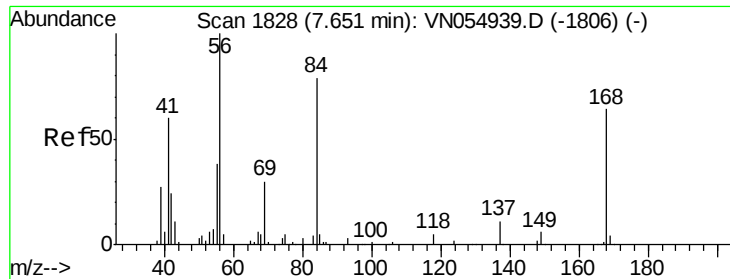
Tot Ion: 42 Resp: 5840
Ion Ratio Lower Upper
42 100
72 40.2 29.3 43.9
71 16.6 27.8 41.6#



#30
Chloroform
Concen: 0.994 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN054965.D
Acq: 5 Apr 2019 10:53

Tgt Ion: 83 Resp: 8146
Ion Ratio Lower Upper
83 100
85 63.8 51.4 77.0

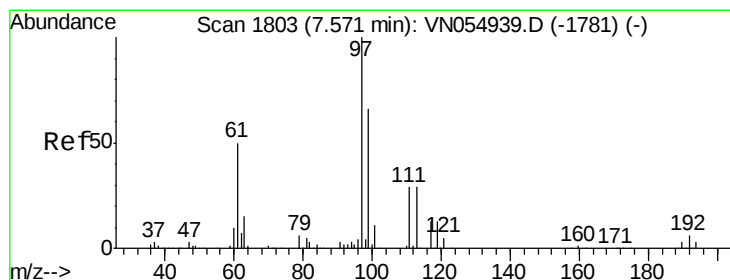
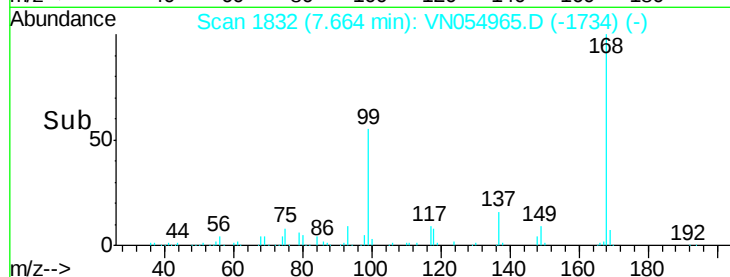
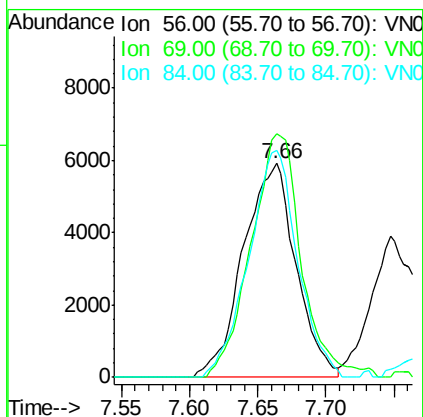
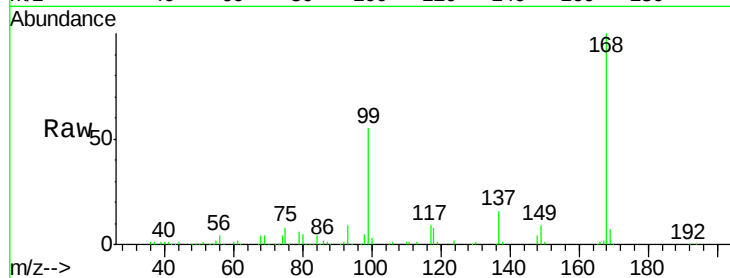




#31
Cyclohexane
Concen: 0.369 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN054965.D
Acq: 5 Apr 2019 10:53

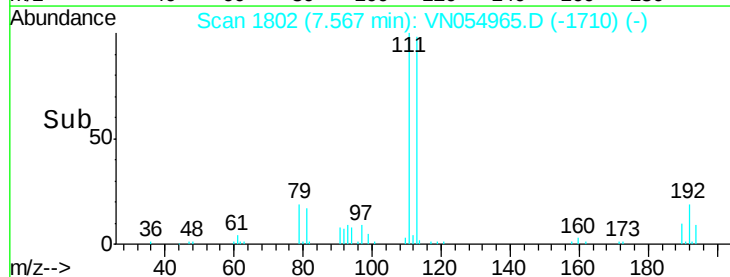
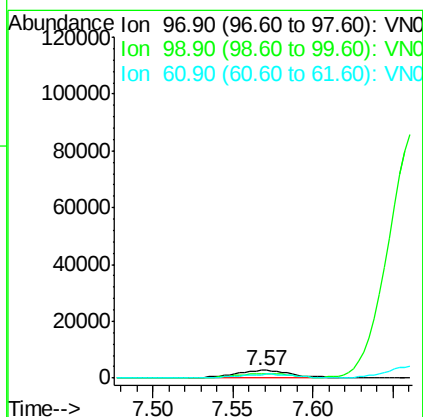
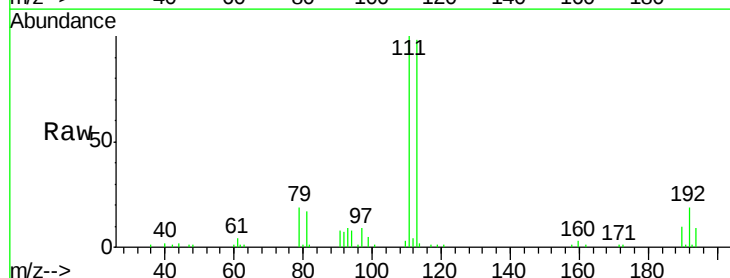
Instrument :
MSVOA_N
ClientSampled :

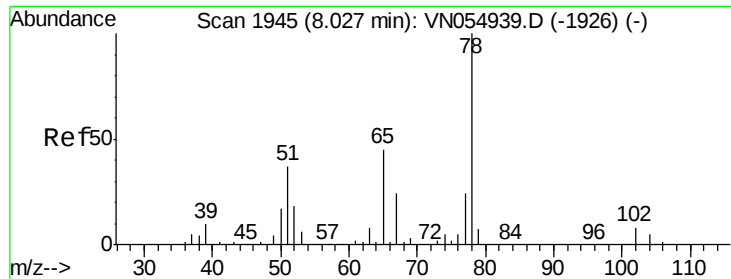
Tot Ion: 56 Resp: 15874
Ion Ratio Lower Upper
56 100
69 113.9 23.8 35.6#
84 106.3 61.8 92.8#



#32
1,1,1-Trichloroethane
Concen: 0.968 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN054965.D
Acq: 5 Apr 2019 10:53

Tgt Ion: 97 Resp: 6695
Ion Ratio Lower Upper
97 100
99 0.0 52.1 78.1#
61 50.8 39.6 59.4

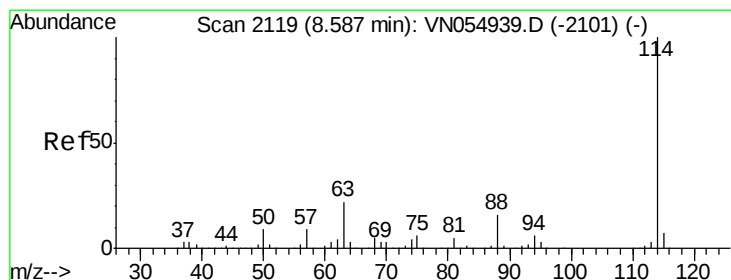
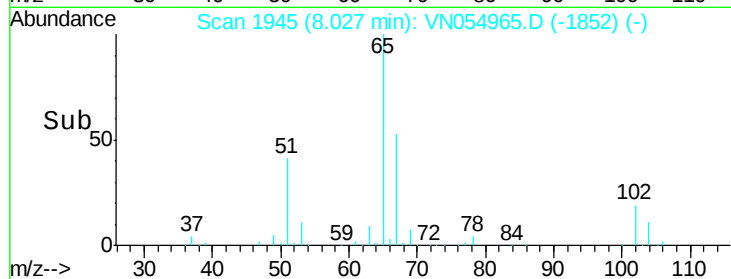
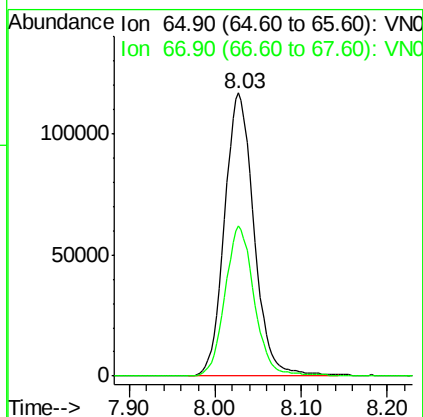
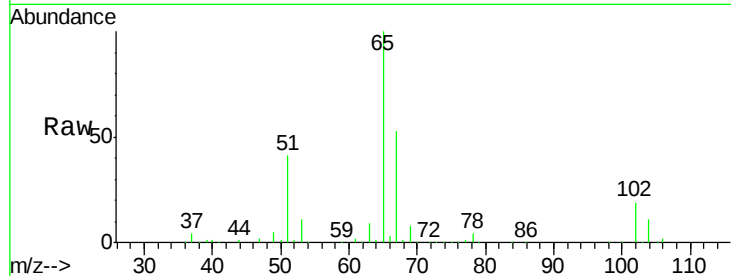




#33
 1,2-Dichloroethane-d4
 Concen: 53.454 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN054965.D
 Acq: 5 Apr 2019 10:53

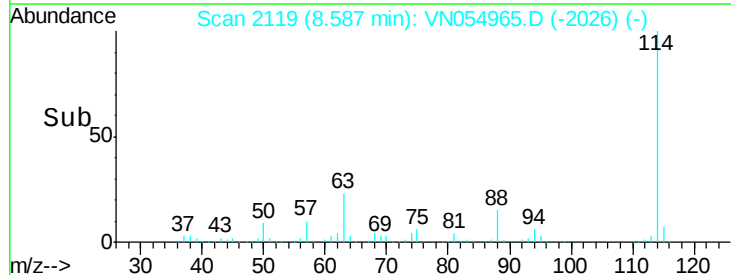
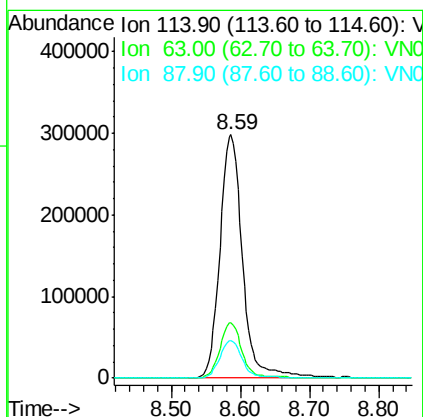
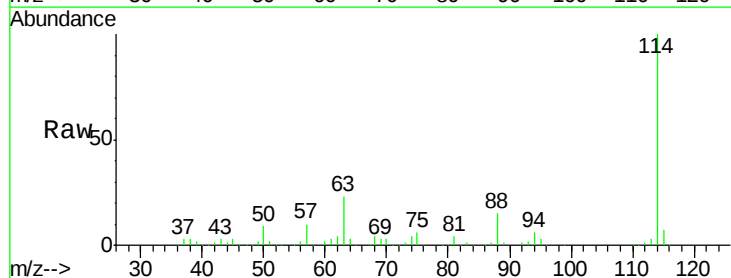
Instrument :
 MSVOA_N
 ClientSampled :

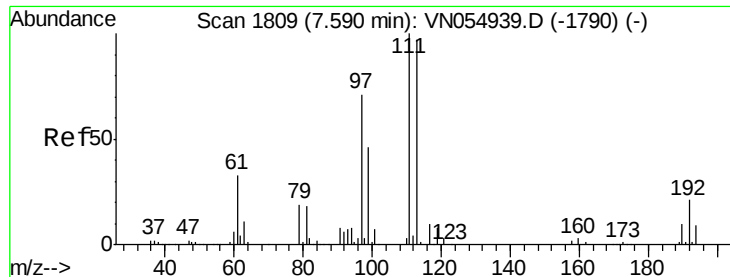
Tot Ion: 65 Resp: 278100
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054965.D
 Acq: 5 Apr 2019 10:53

Tgt Ion: 114 Resp: 678768
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 44.6
 88 15.5 0.0 32.0

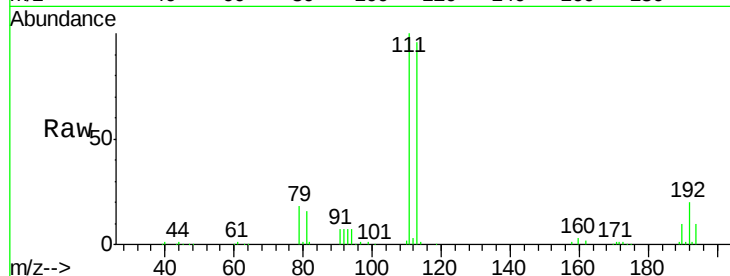




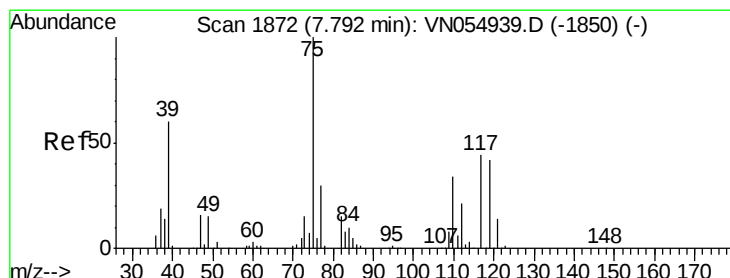
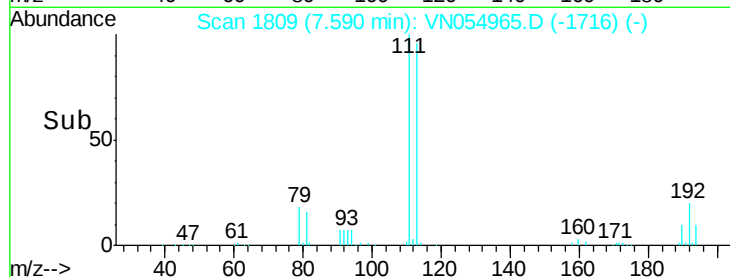
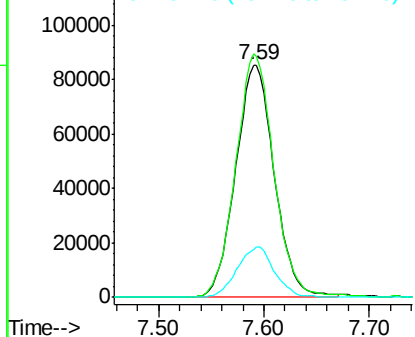
#35
 Dibromofluoromethane
 Concen: 49.305 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN054965.D
 Acq: 5 Apr 2019 10:53

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:113 Resp: 217851
 Ion Ratio Lower Upper
 113 100
 111 103.5 81.0 121.4
 192 21.2 16.5 24.7

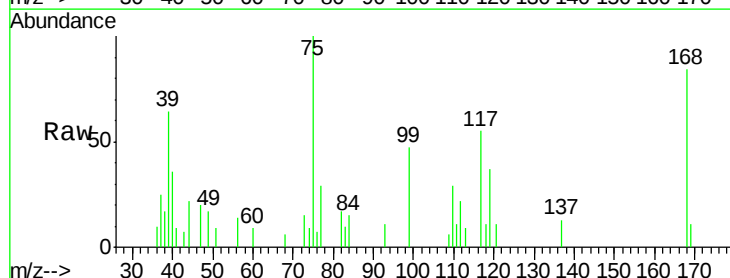


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

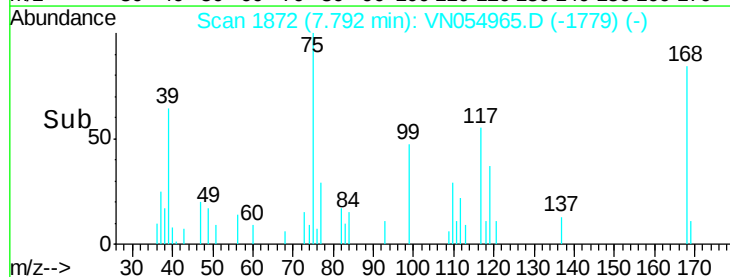
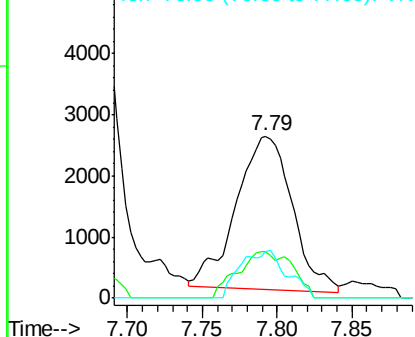


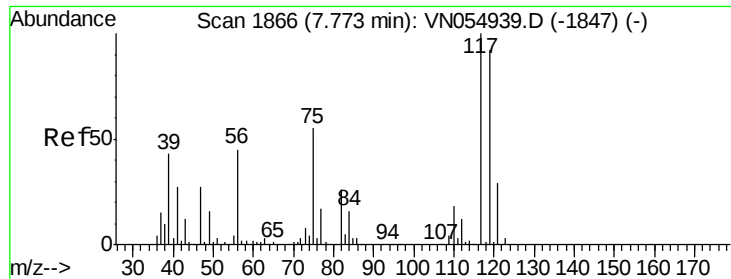
#36
 1,1-Dichloropropene
 Concen: 0.975 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN054965.D
 Acq: 5 Apr 2019 10:53

Tgt Ion: 75 Resp: 6560
 Ion Ratio Lower Upper
 75 100
 110 29.5 17.0 50.9
 77 25.8 25.3 37.9



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





#38

Carbon Tetrachloride

Concen: 1.018 ug/l

RT: 7.77 min Scan# 1864

Delta R.T. -0.01 min

Lab File: VN054965.D

Acq: 5 Apr 2019 10:53

Instrument :

MSVOA_N

ClientSampleId :

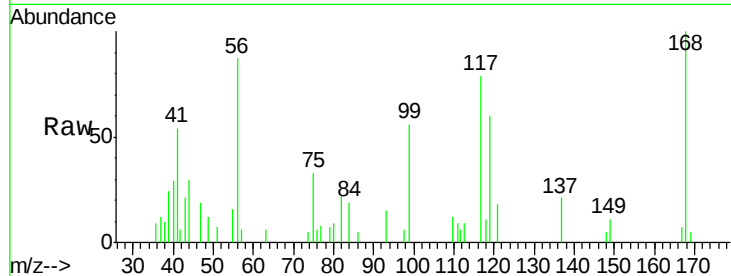
Tot Ion:117 Resp: 6612

Ion Ratio Lower Upper

117 100

119 75.6 73.6 110.4

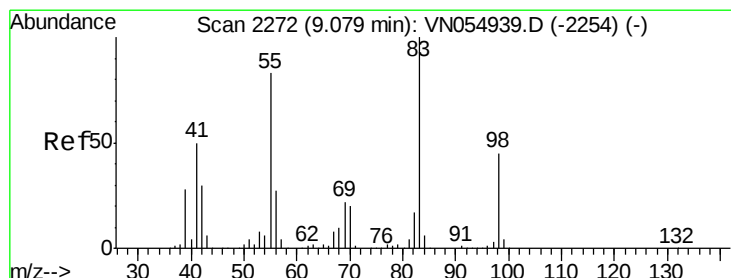
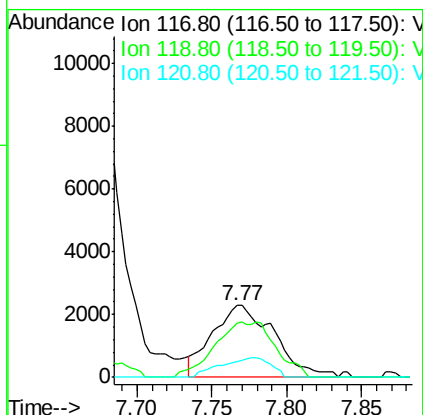
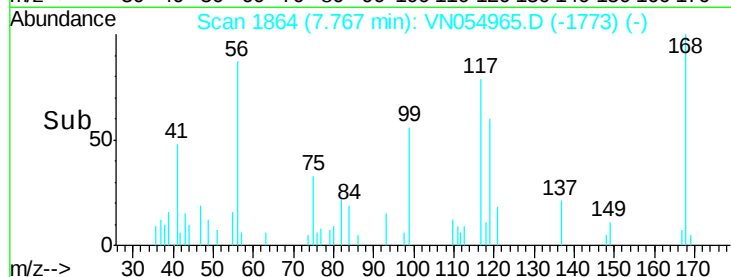
121 22.8 23.4 35.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 0.945 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VN054965.D

Acq: 5 Apr 2019 10:53

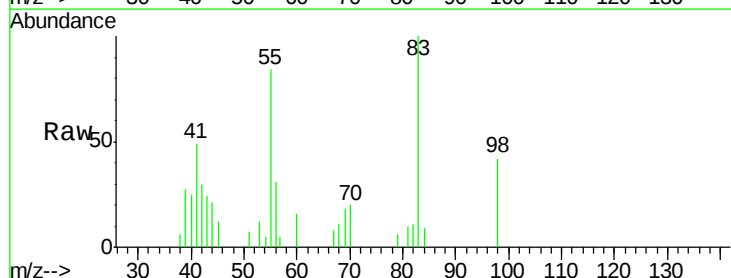
Tgt Ion: 83 Resp: 6994

Ion Ratio Lower Upper

83 100

55 84.3 66.4 99.6

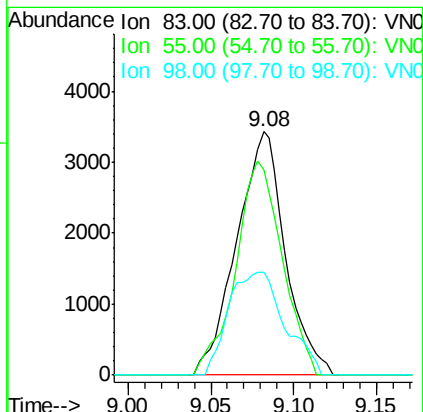
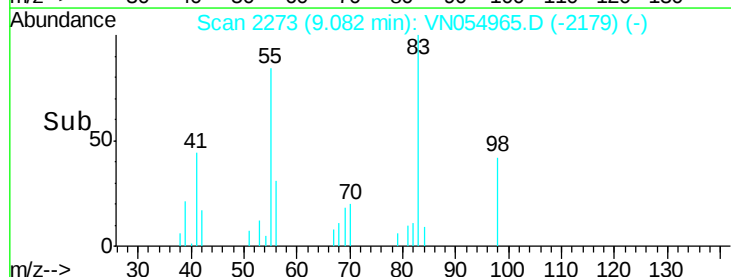
98 42.4 36.4 54.6

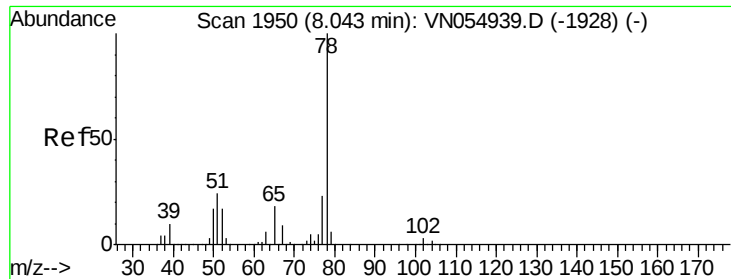


Abundance Ion 83.00 (82.70 to 83.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 98.00 (97.70 to 98.70): VNO

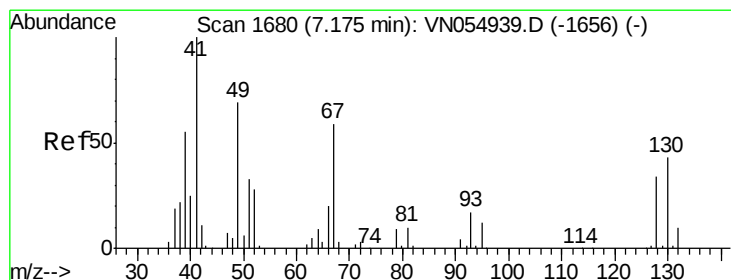
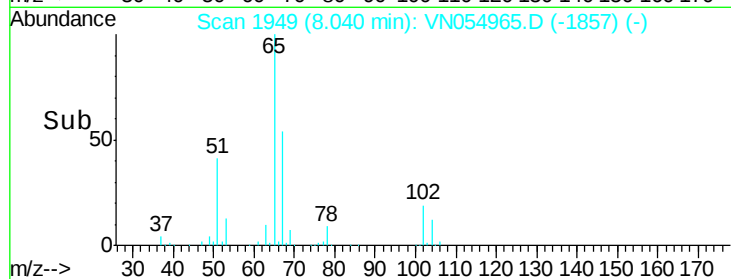
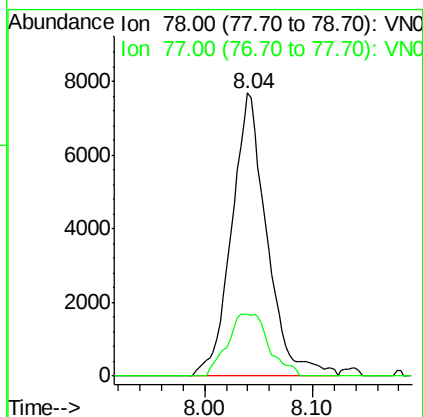
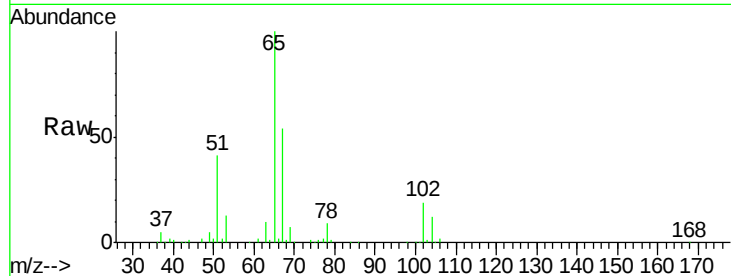




#40
Benzene
Concen: 0.904 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN054965.D
Acq: 5 Apr 2019 10:53

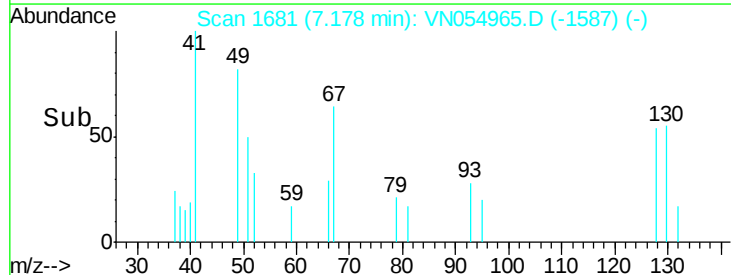
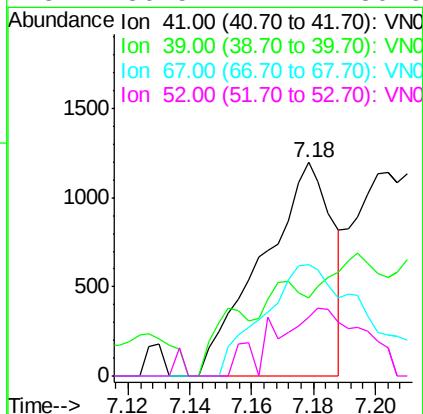
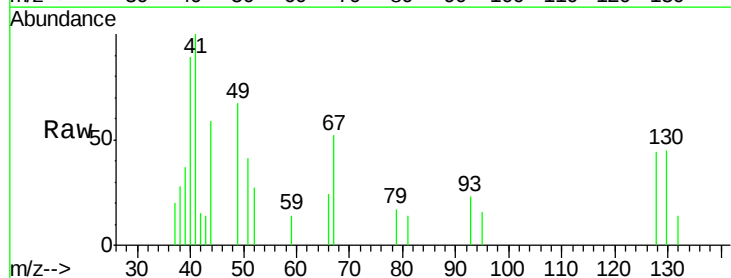
Instrument :
MSVOA_N
ClientSampled :

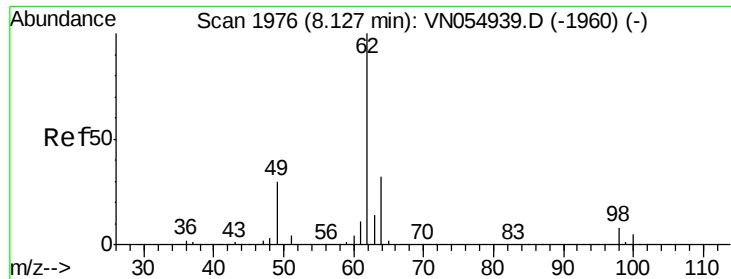
Tot Ion: 78 Resp: 17485
Ion Ratio Lower Upper
78 100
77 22.0 18.6 27.8



#41
Methacrylonitrile
Concen: 0.718 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN054965.D
Acq: 5 Apr 2019 10:53

Tgt Ion: 41 Resp: 1895
Ion Ratio Lower Upper
41 100
39 25.8 43.0 64.6#
67 73.7 55.0 82.6
52 36.5 24.4 36.6

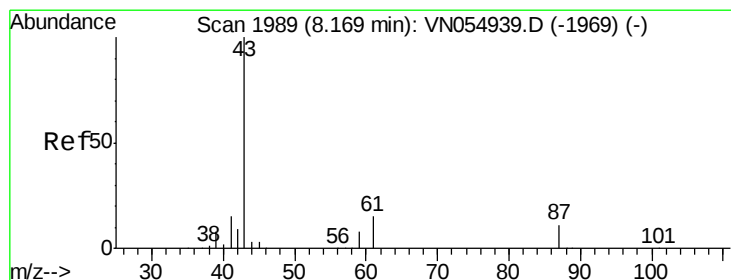
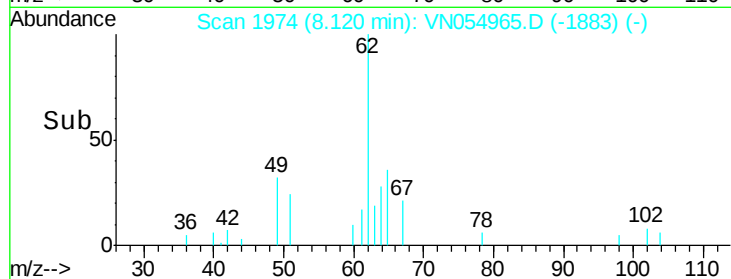
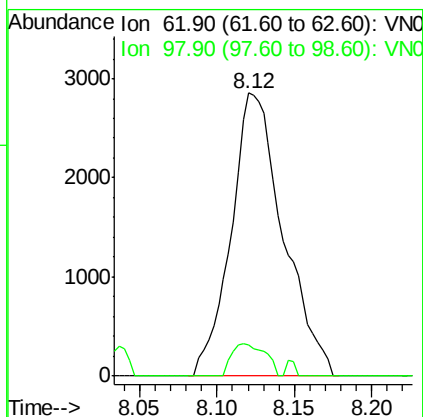
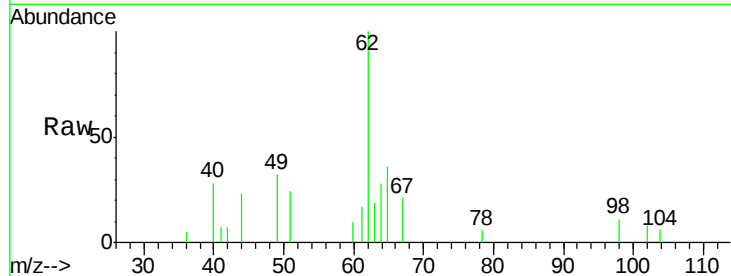




#42
 1,2-Dichloroethane
 Concen: 0.985 ug/l
 RT: 8.12 min Scan# 1974
 Delta R.T. -0.01 min
 Lab File: VN054965.D
 Acq: 5 Apr 2019 10:53

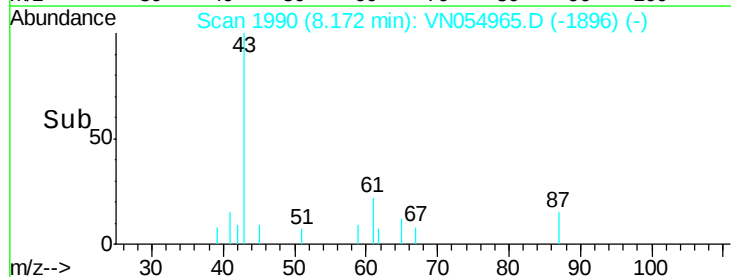
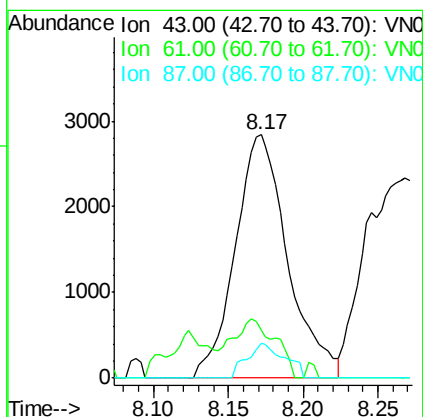
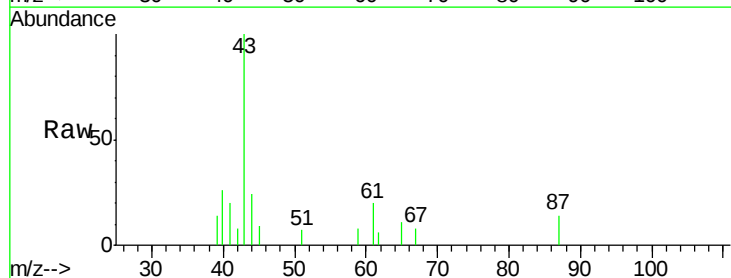
Instrument :
 MSVOA_N
 ClientSampleId :

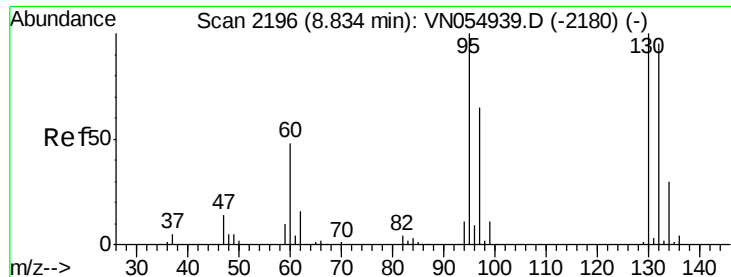
Tot Ion: 62 Resp: 6699
 Ion Ratio Lower Upper
 62 100
 98 7.3 0.0 16.0



#43
 Isopropyl Acetate
 Concen: 0.891 ug/l
 RT: 8.17 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: VN054965.D
 Acq: 5 Apr 2019 10:53

Tgt Ion: 43 Resp: 6931
 Ion Ratio Lower Upper
 43 100
 61 20.1 14.4 21.6
 87 10.2 9.0 13.4





#44

Trichloroethene

Concen: 0.927 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN054965.D

Acq: 5 Apr 2019 10:53

Instrument :

MSVOA_N

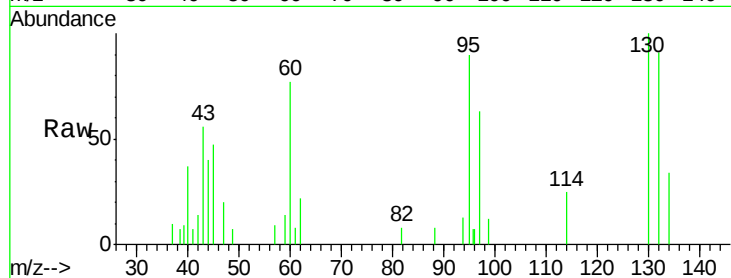
ClientSampleId :

Tot Ion:130 Resp: 4587

Ion Ratio Lower Upper

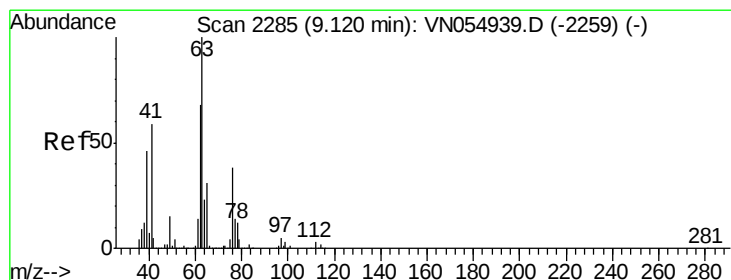
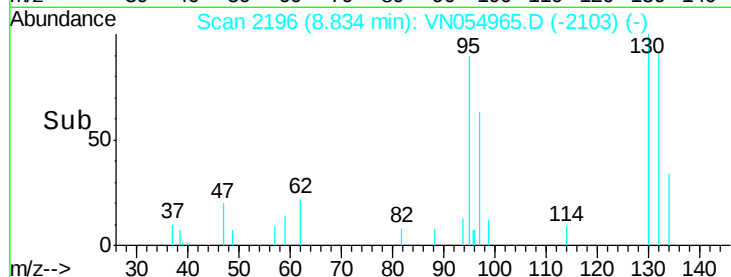
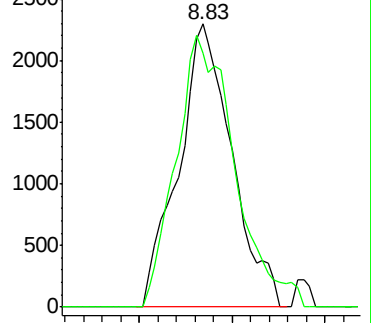
130 100

95 89.8 0.0 200.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0



#45

1,2-Dichloropropane

Concen: 0.931 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN054965.D

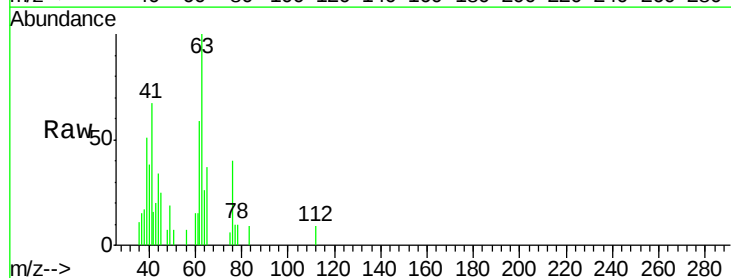
Acq: 5 Apr 2019 10:53

Tgt Ion: 63 Resp: 5022

Ion Ratio Lower Upper

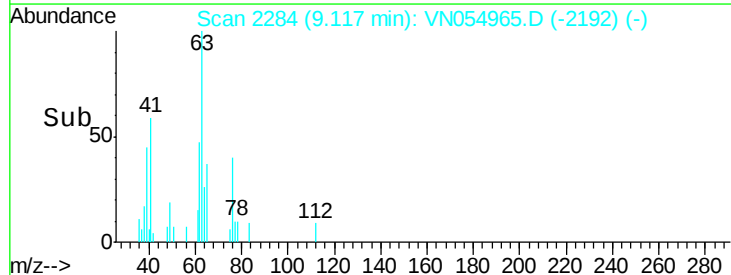
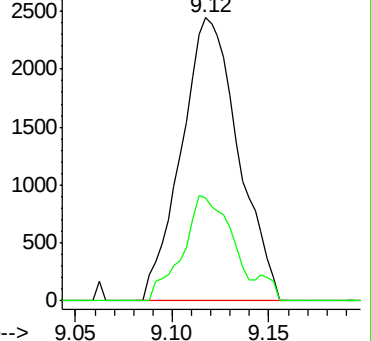
63 100

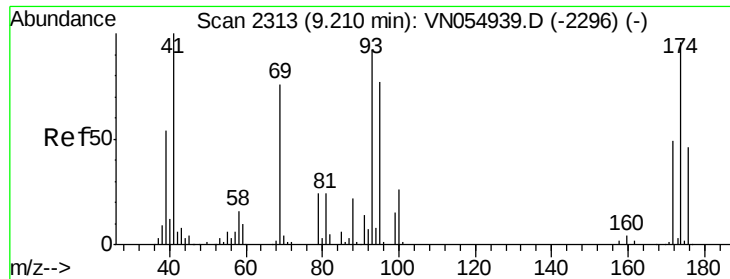
65 36.6 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

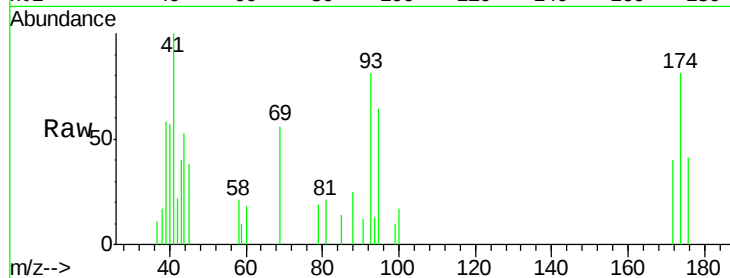




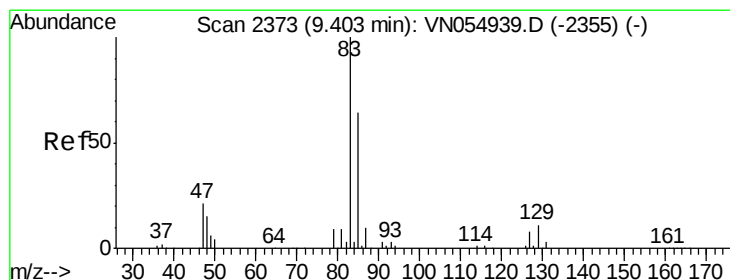
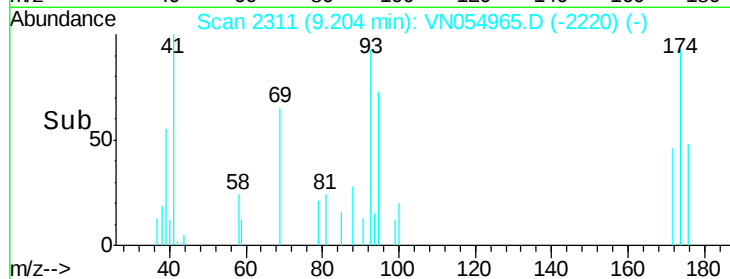
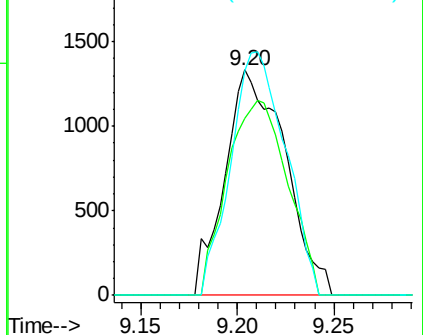
#46
Dibromomethane
Concen: 0.944 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. -0.01 min
Lab File: VN054965.D
Acq: 5 Apr 2019 10:53

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 93 Resp: 2886
Ion Ratio Lower Upper
93 100
95 87.0 66.7 100.1
174 98.2 82.0 123.0

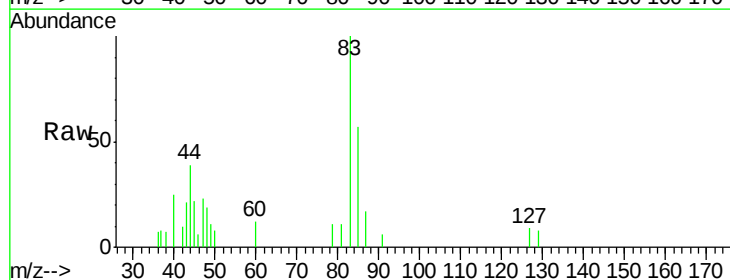


Abundance Ion 92.80 (92.50 to 93.50): VN0
Ion 94.80 (94.50 to 95.50): VN0
Ion 173.70 (173.40 to 174.40): V

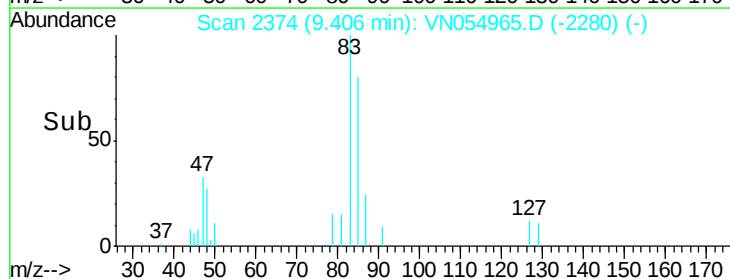
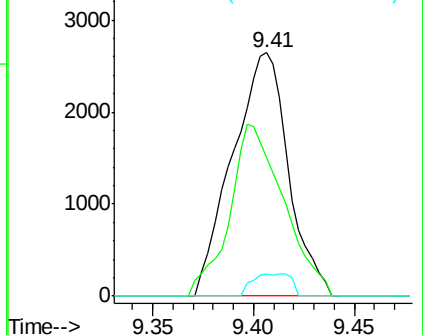


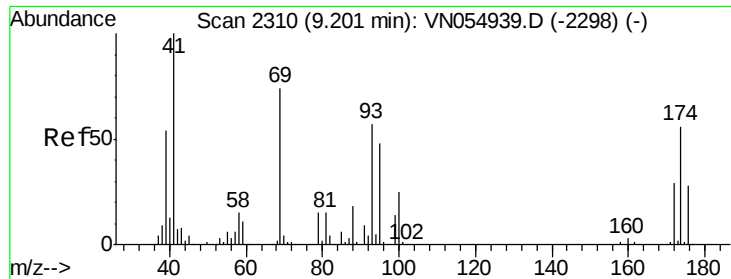
#47
Bromodichloromethane
Concen: 0.797 ug/l
RT: 9.41 min Scan# 2374
Delta R.T. 0.00 min
Lab File: VN054965.D
Acq: 5 Apr 2019 10:53

Tgt Ion: 83 Resp: 5121
Ion Ratio Lower Upper
83 100
85 57.1 51.1 76.7
127 8.9 6.7 10.1



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

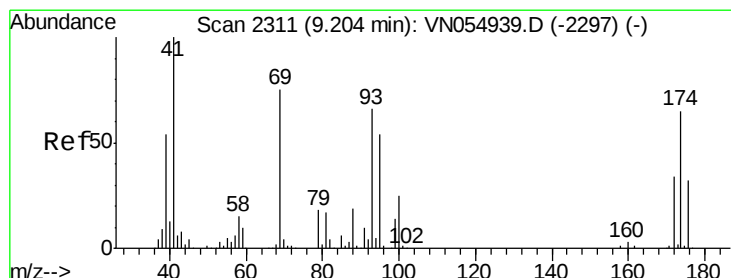
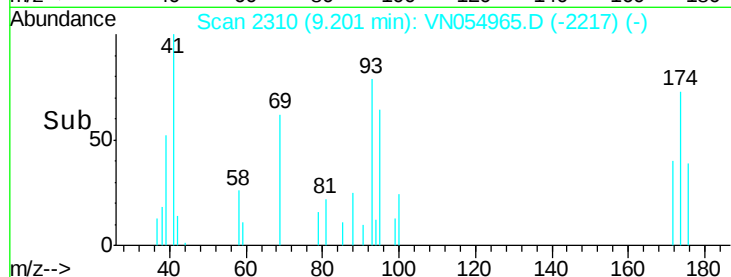
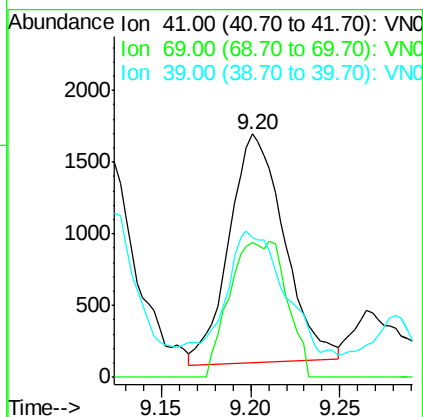
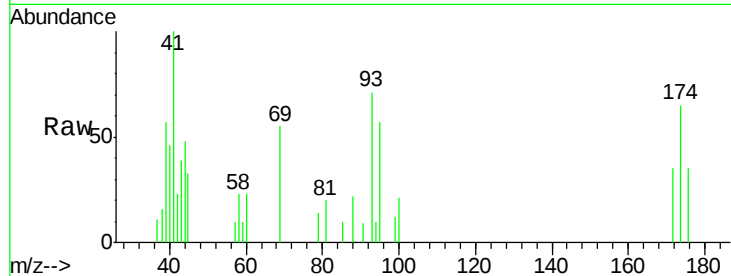




#48
Methyl methacrylate
Concen: 0.872 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN054965.D
Acq: 5 Apr 2019 10:53

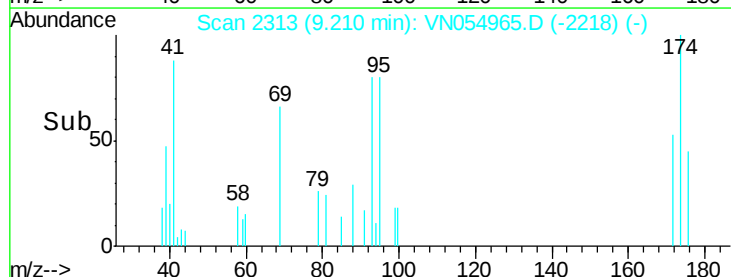
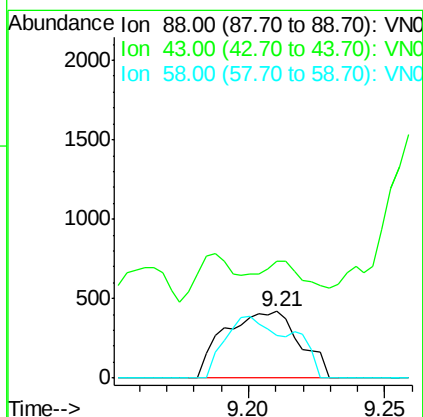
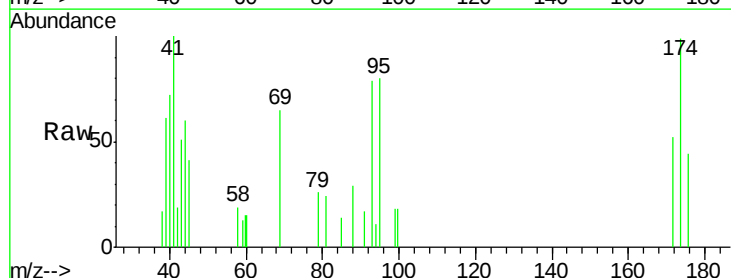
Instrument :
MSVOA_N
ClientSampled :

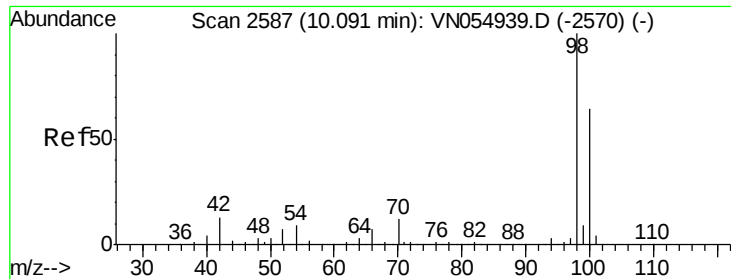
Tot Ion: 41 Resp: 3432
Ion Ratio Lower Upper
41 100
69 61.4 58.9 88.3
39 54.2 44.2 66.4



#49
1,4-Dioxane
Concen: 20.028 ug/l
RT: 9.21 min Scan# 2313
Delta R.T. 0.01 min
Lab File: VN054965.D
Acq: 5 Apr 2019 10:53

Tgt Ion: 88 Resp: 796
Ion Ratio Lower Upper
88 100
43 0.0 31.5 47.3#
58 82.7 61.9 92.9

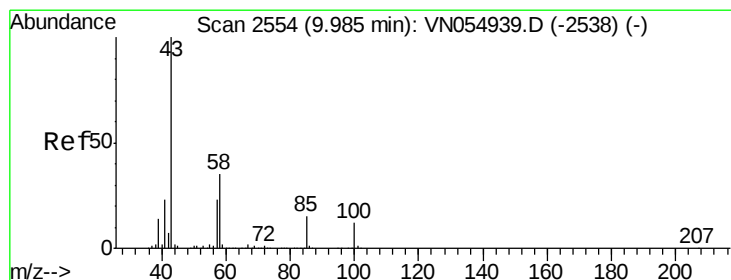
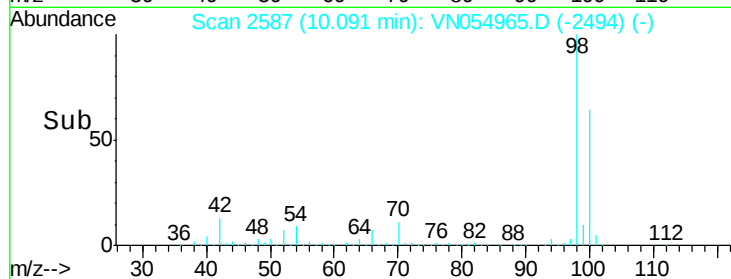
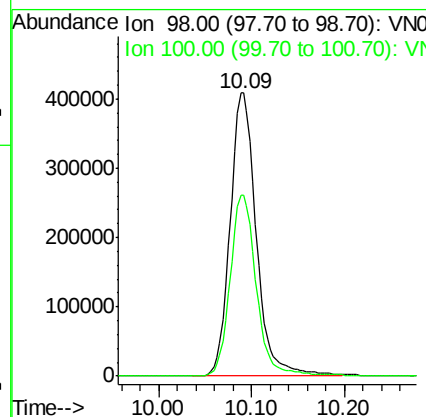
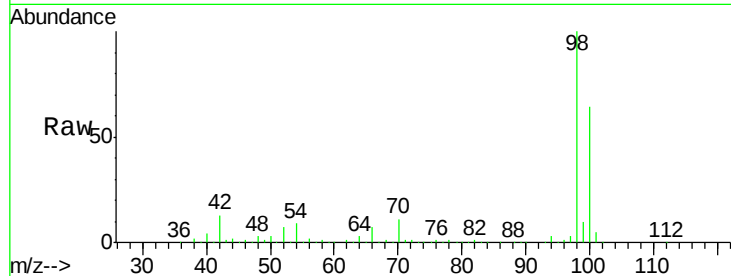




#50
Toluene-d8
Concen: 47.862 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN054965.D
Acq: 5 Apr 2019 10:53

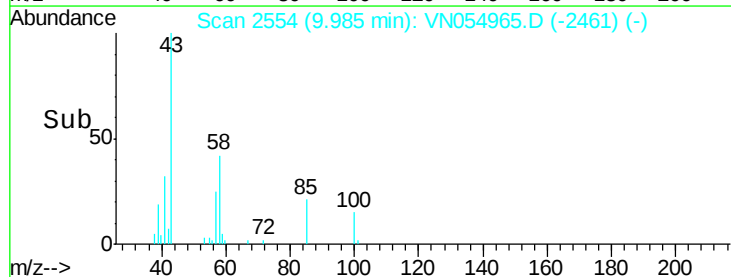
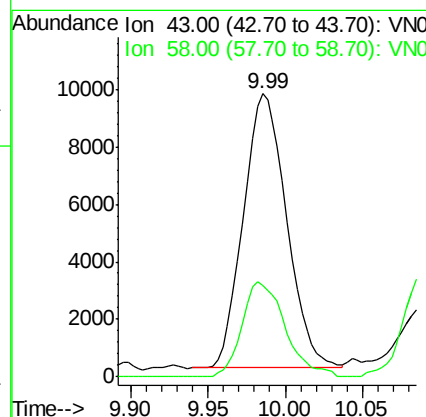
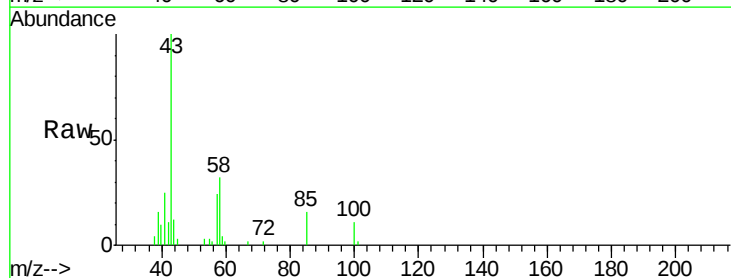
Instrument :
MSVOA_N
ClientSampled :

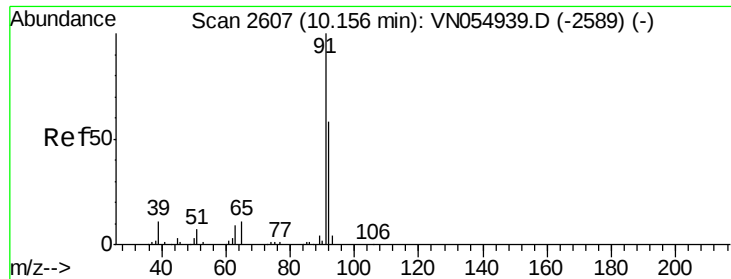
Tot Ion: 98 Resp: 802427
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 4.264 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN054965.D
Acq: 5 Apr 2019 10:53

Tgt Ion: 43 Resp: 18502
Ion Ratio Lower Upper
43 100
58 34.6 28.3 42.5





#52

Toluene

Concen: 0.925 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN054965.D

Acq: 5 Apr 2019 10:53

Instrument :

MSVOA_N

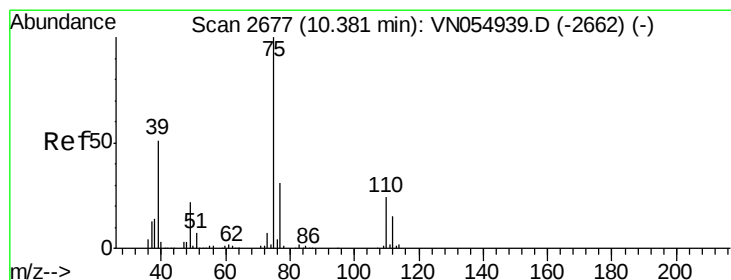
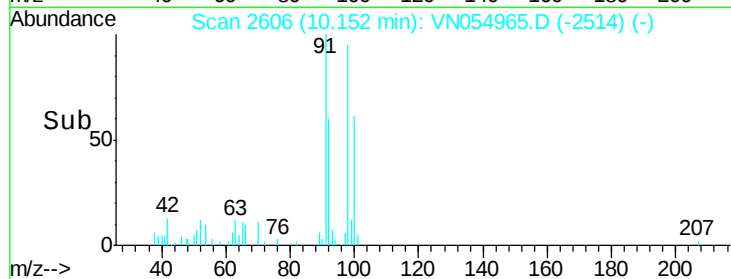
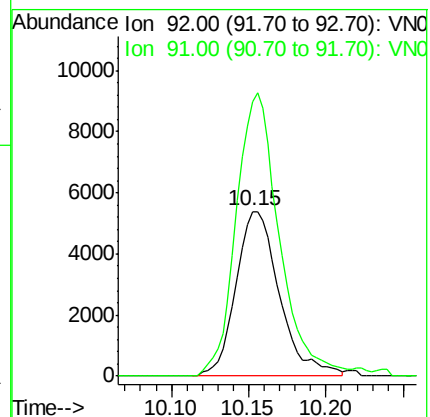
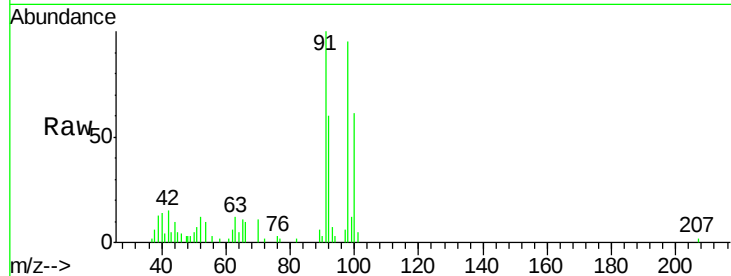
ClientSampled :

Tot Ion: 92 Resp: 10552

Ion Ratio Lower Upper

92 100

91 169.6 138.8 208.2



#53

t-1,3-Dichloropropene

Concen: 2.600 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN054965.D

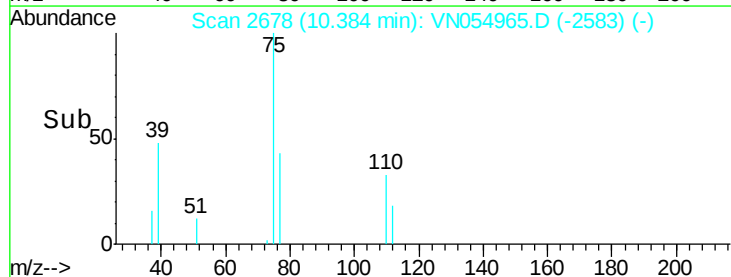
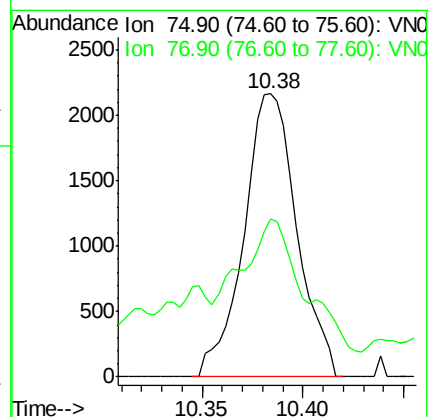
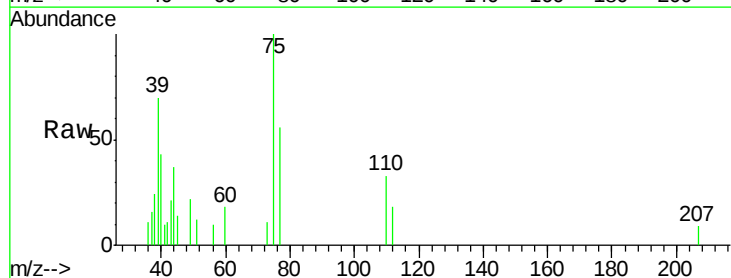
Acq: 5 Apr 2019 10:53

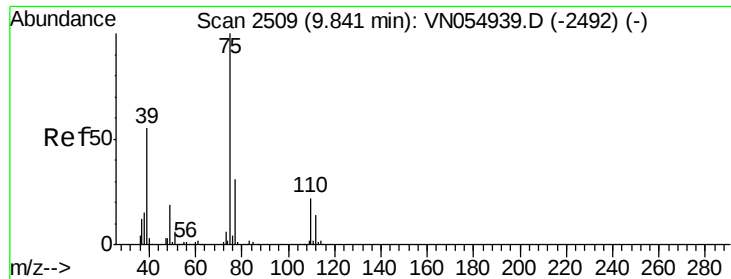
Tgt Ion: 75 Resp: 3965

Ion Ratio Lower Upper

75 100

77 41.2 24.6 36.8#



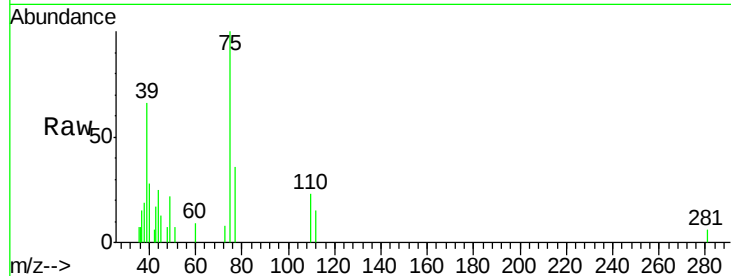


#54

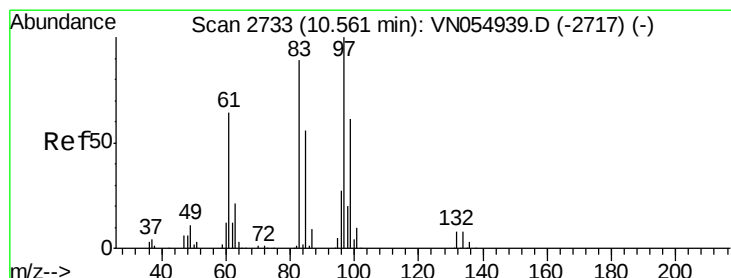
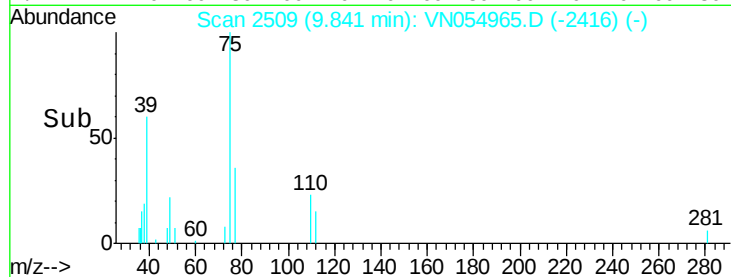
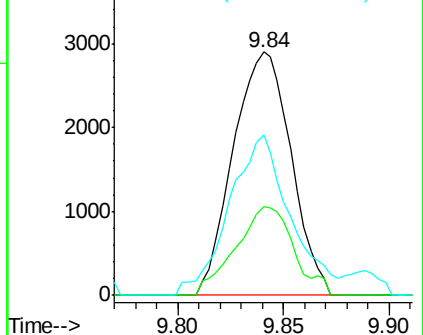
cis-1,3-Dichloropropene
 Concen: 0.765 ug/l
 RT: 9.84 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: VN054965.D
 Acq: 5 Apr 2019 10:53

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 75 Resp: 5530
 Ion Ratio Lower Upper
 75 100
 77 36.5 25.0 37.4
 39 60.3 43.9 65.9



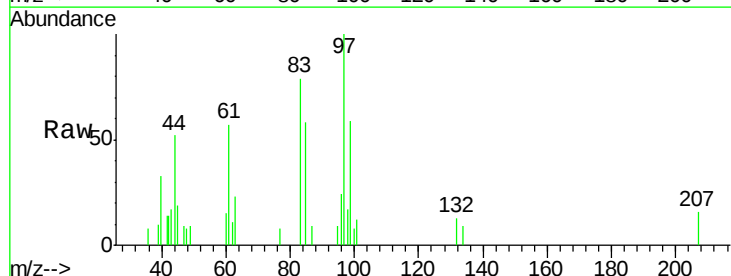
Abundance Ion 74.90 (74.60 to 75.60): VNC
 Ion 76.90 (76.60 to 77.60): VNC
 Ion 39.00 (38.70 to 39.70): VNC



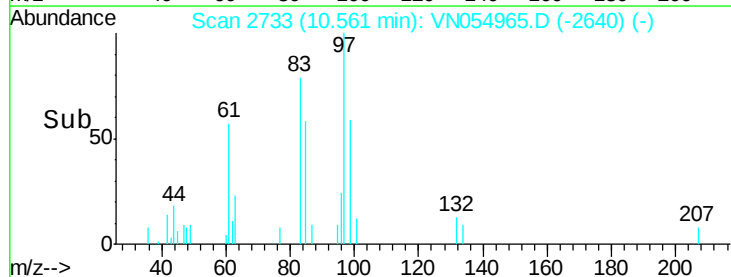
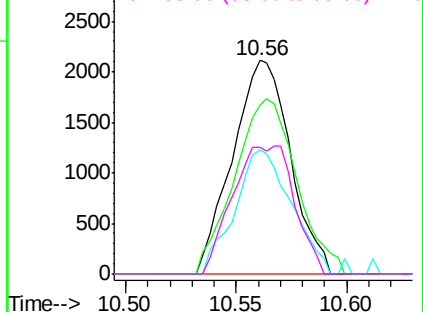
#55

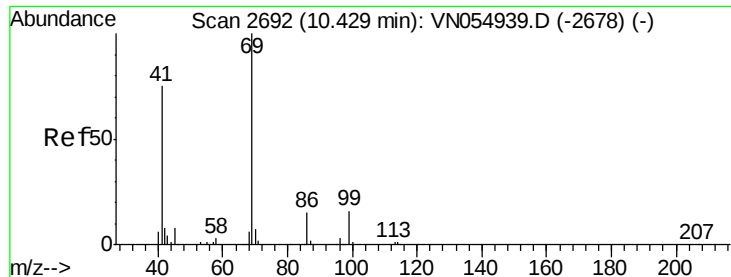
1,1,2-Trichloroethane
 Concen: 0.929 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN054965.D
 Acq: 5 Apr 2019 10:53

Tgt Ion: 97 Resp: 3841
 Ion Ratio Lower Upper
 97 100
 83 79.3 71.5 107.3
 85 58.4 45.0 67.6
 99 59.3 49.1 73.7



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





#56

Ethyl methacrylate

Concen: 0.819 ug/l

RT: 10.43 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN054965.D

Acq: 5 Apr 2019 10:53

Instrument :

MSVOA_N

ClientSampled :

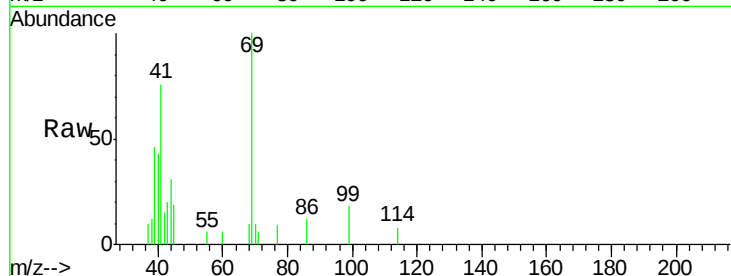
Tot Ion: 69 Resp: 4431

Ion Ratio Lower Upper

69 100

41 73.4 60.2 90.2

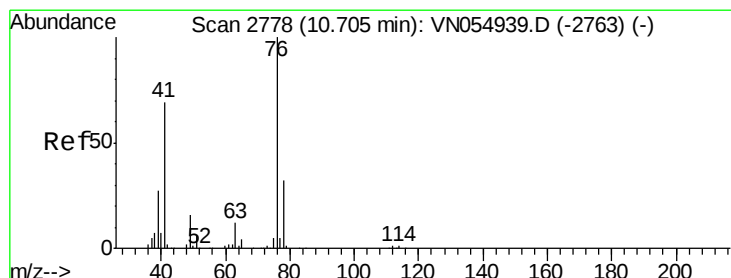
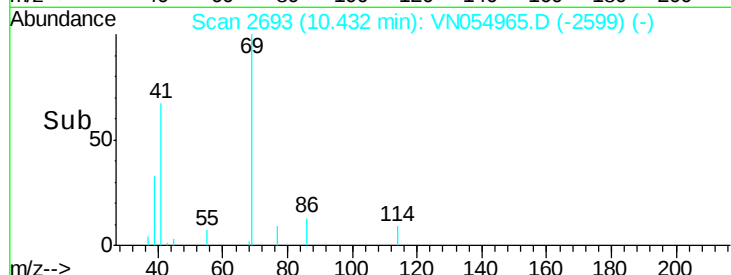
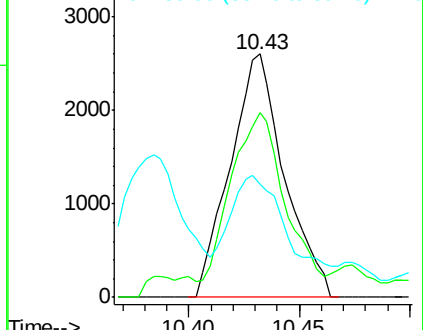
39 36.8 31.3 46.9



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 0.902 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN054965.D

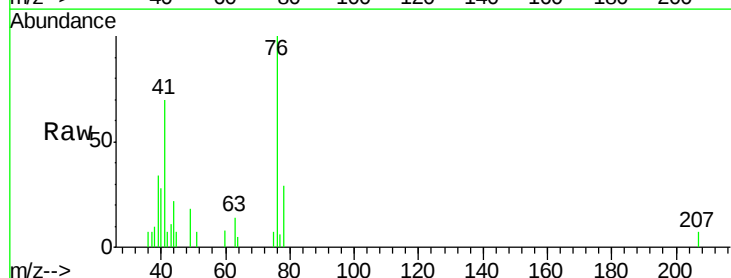
Acq: 5 Apr 2019 10:53

Tgt Ion: 76 Resp: 6516

Ion Ratio Lower Upper

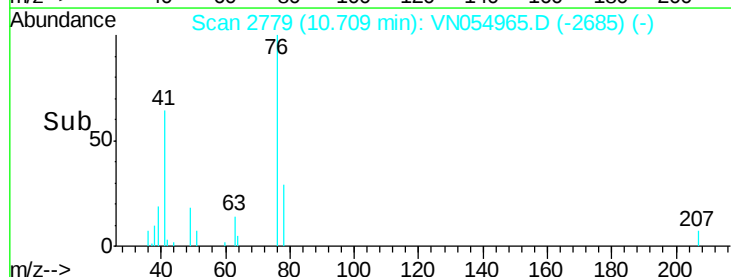
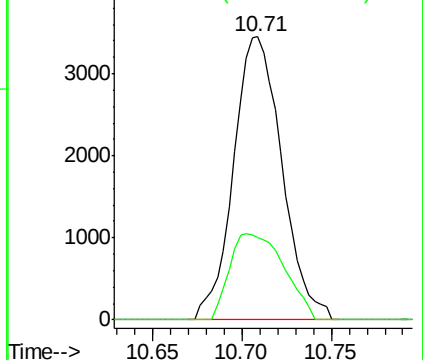
76 100

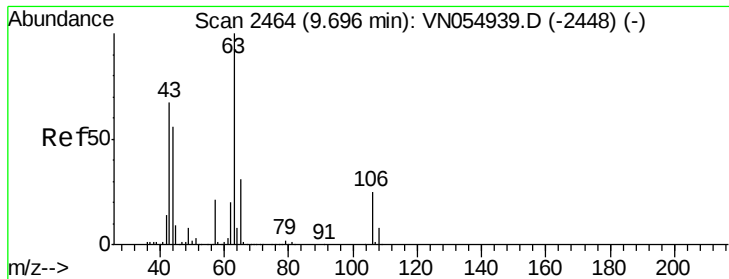
78 34.2 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0





#58

2-Chloroethyl Vinyl ether

Concen: 12.729 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN054965.D

Acq: 5 Apr 2019 10:53

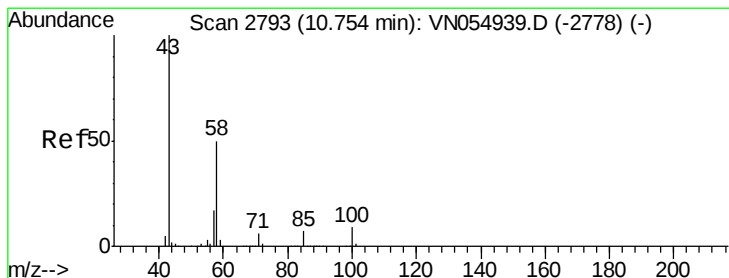
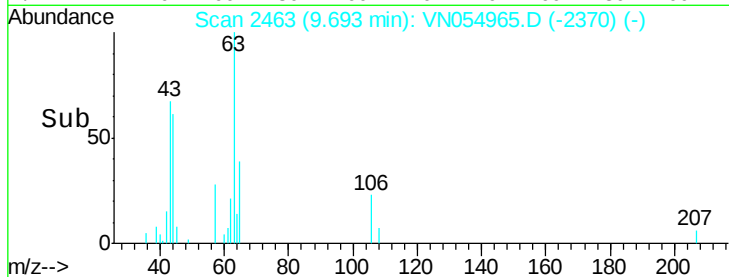
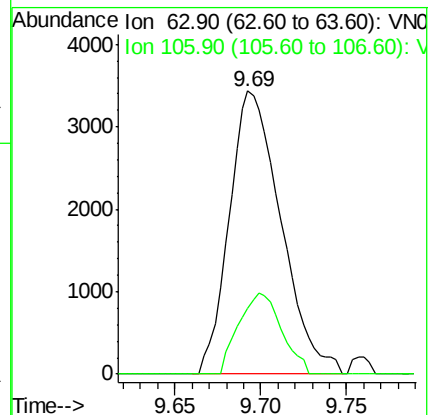
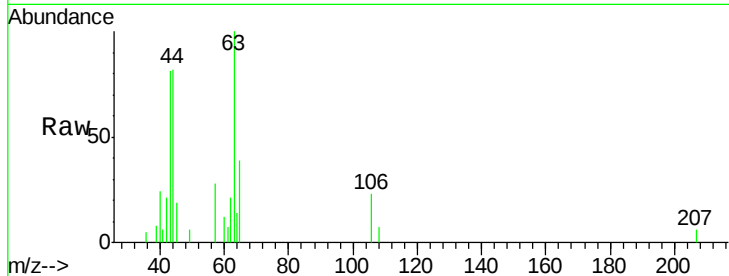
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 63 Resp: 7187

Ion Ratio Lower Upper

63 100

106 23.7 19.7 29.5



#59

2-Hexanone

Concen: 3.771 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.01 min

Lab File: VN054965.D

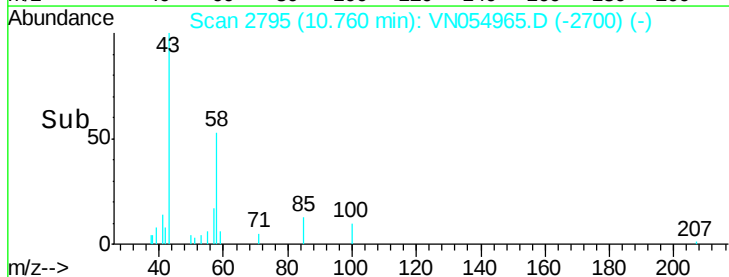
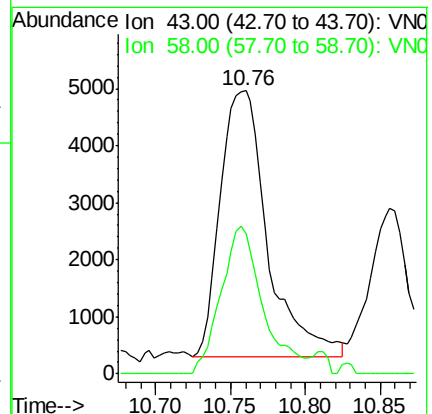
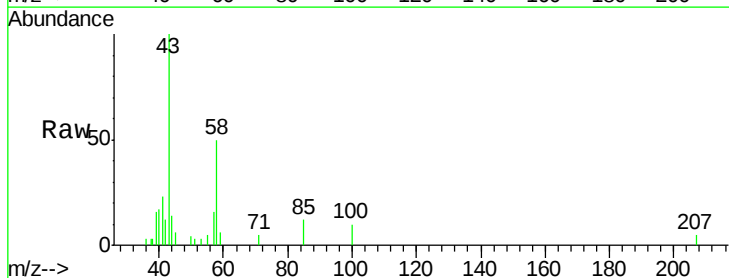
Acq: 5 Apr 2019 10:53

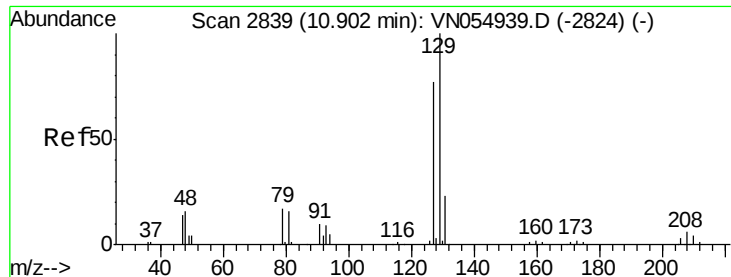
Tgt Ion: 43 Resp: 10222

Ion Ratio Lower Upper

43 100

58 49.6 24.6 73.8





#60

Dibromochloromethane

Concen: 0.726 ug/l

RT: 10.90 min Scan# 2838

Delta R.T. -0.00 min

Lab File: VN054965.D

Acq: 5 Apr 2019 10:53

Instrument :

MSVOA_N

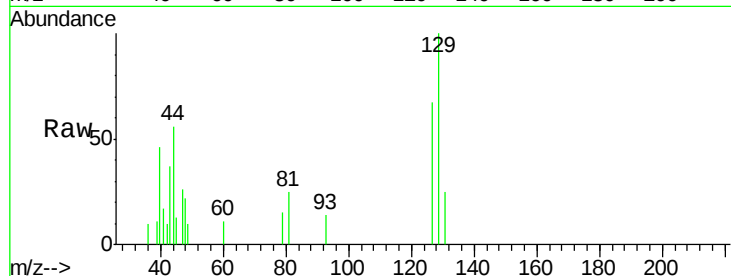
ClientSampleId :

Tot Ion:129 Resp: 3146

Ion Ratio Lower Upper

129 100

127 71.3 38.4 115.2



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

10.90

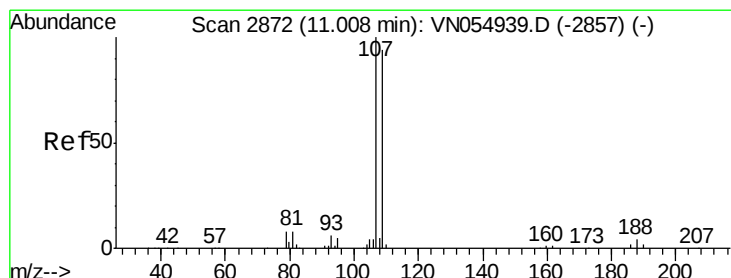
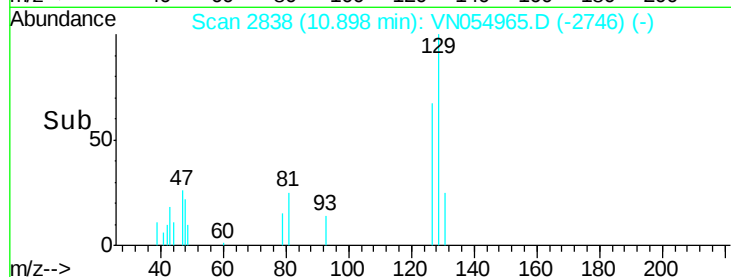
1500

1000

500

0

Time--> 10.85 10.90 10.95



#61

1,2-Dibromoethane

Concen: 0.873 ug/l

RT: 11.01 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN054965.D

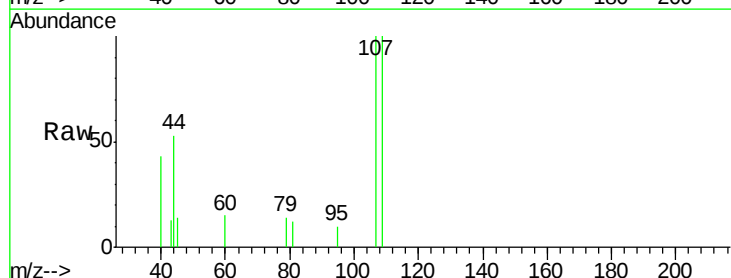
Acq: 5 Apr 2019 10:53

Tgt Ion:107 Resp: 3393

Ion Ratio Lower Upper

107 100

109 92.9 74.6 112.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.01

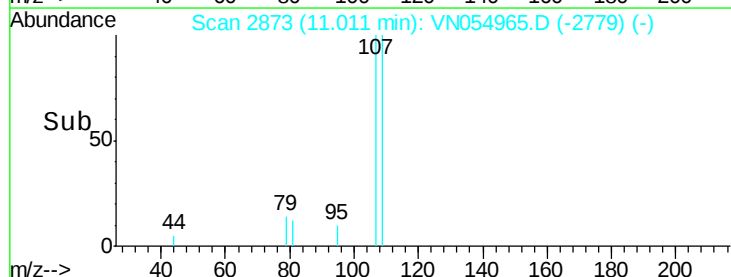
1500

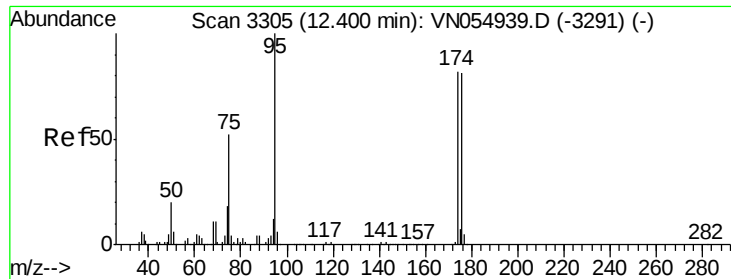
1000

500

0

Time--> 10.95 11.00 11.05

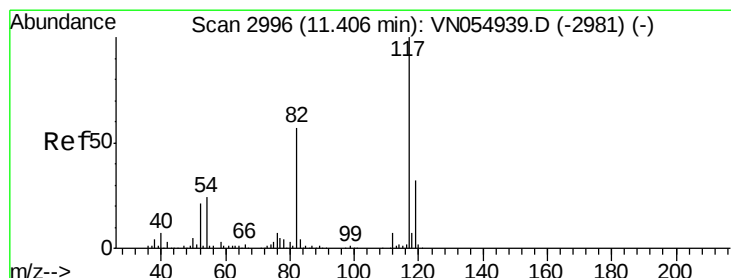
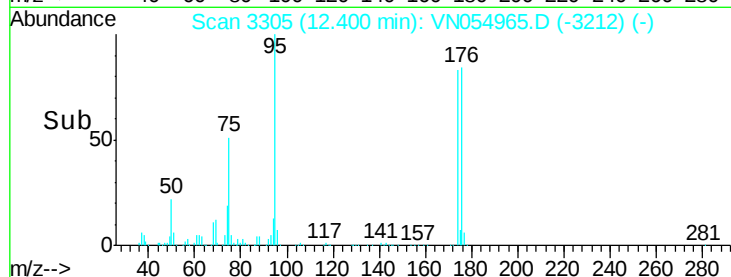
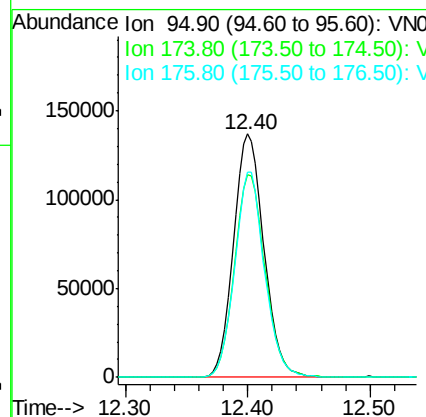
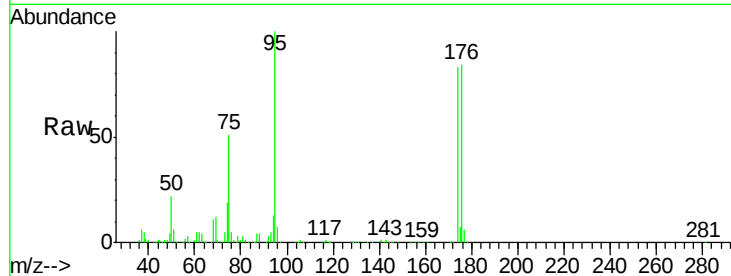




#62
4-Bromofluorobenzene
Concen: 42.557 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN054965.D
Acq: 5 Apr 2019 10:53

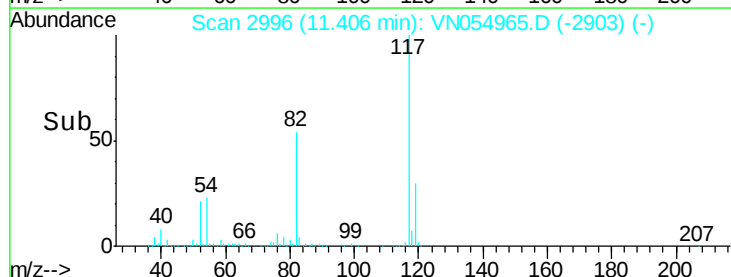
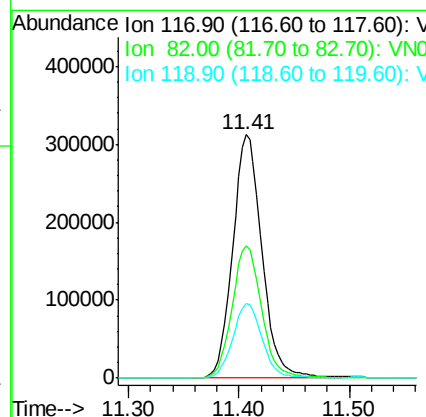
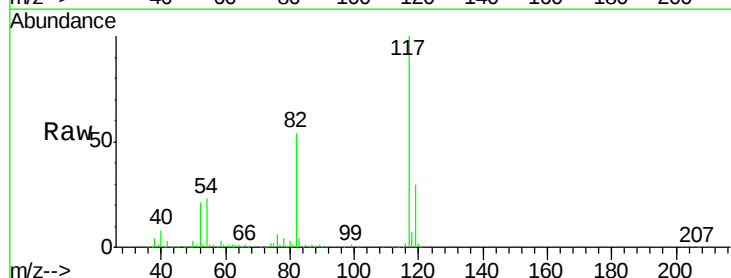
Instrument :
MSVOA_N
ClientSampleId :

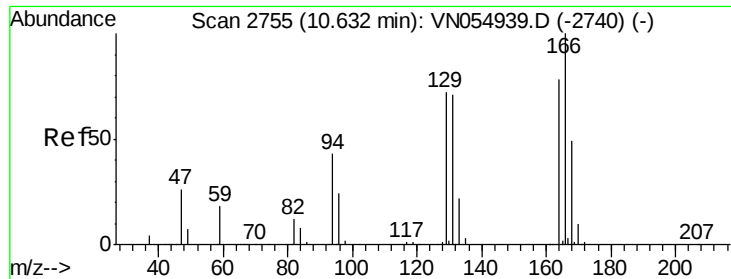
Tot Ion	95	Resp	238107
Ion Ratio	Lower	Upper	
95	100		
174	83.7	0.0	166.2
176	82.7	0.0	163.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054965.D
Acq: 5 Apr 2019 10:53

Tgt Ion	117	Resp	574299
Ion Ratio	Lower	Upper	
117	100		
82	54.2	45.3	67.9
119	30.4	25.8	38.6

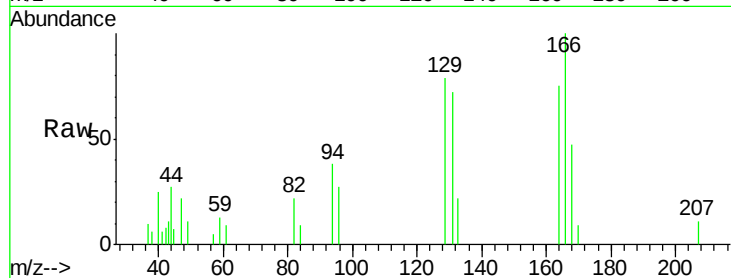




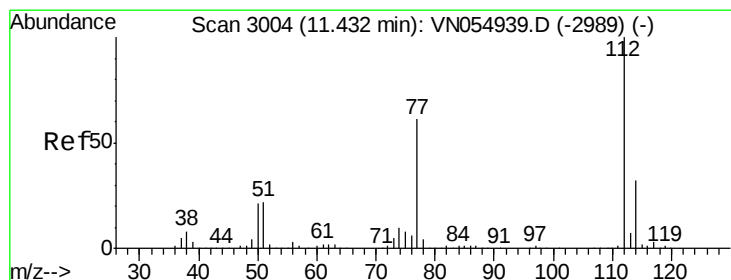
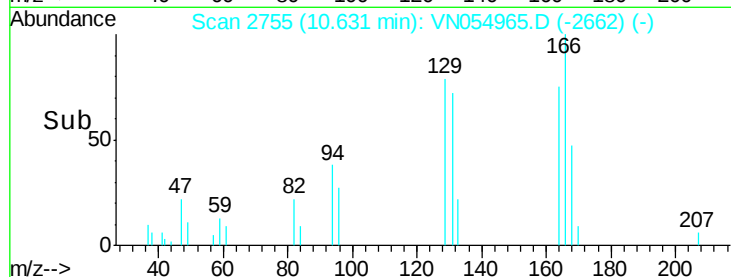
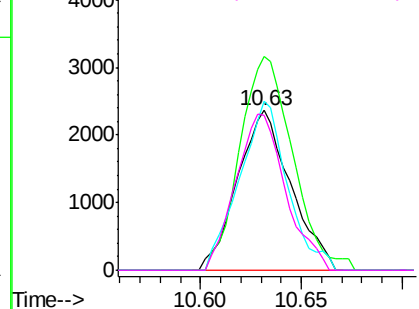
#64
Tetrachloroethene
Concen: 0.940 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN054965.D
Acq: 5 Apr 2019 10:53

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:164 Resp: 4352
Ion Ratio Lower Upper
164 100
166 133.6 103.1 154.7
129 105.6 73.9 110.9
131 96.5 73.0 109.4

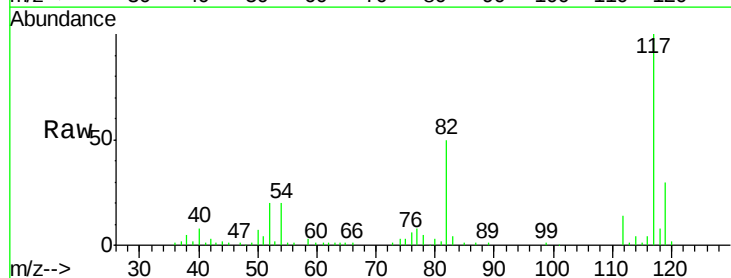


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

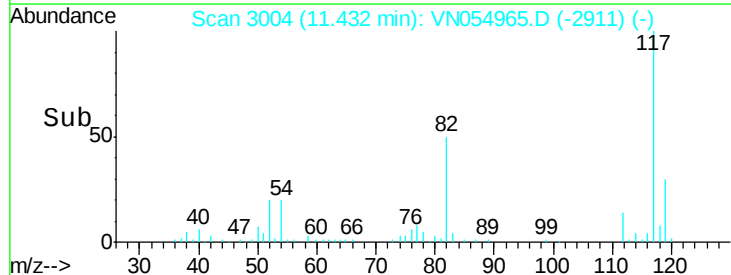
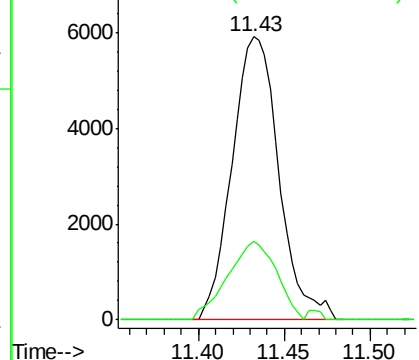


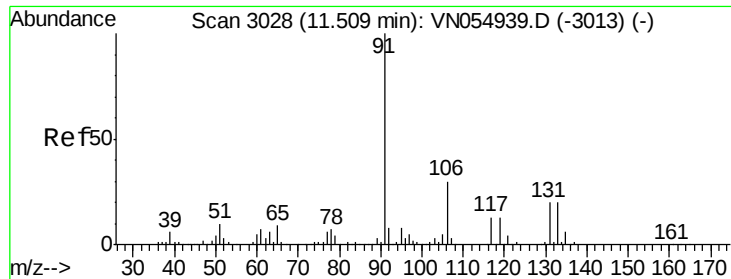
#65
Chlorobenzene
Concen: 0.958 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN054965.D
Acq: 5 Apr 2019 10:53

Tgt Ion:112 Resp: 11220
Ion Ratio Lower Upper
112 100
114 27.6 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 0.839 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN054965.D

Acq: 5 Apr 2019 10:53

Instrument :

MSVOA_N

ClientSampled :

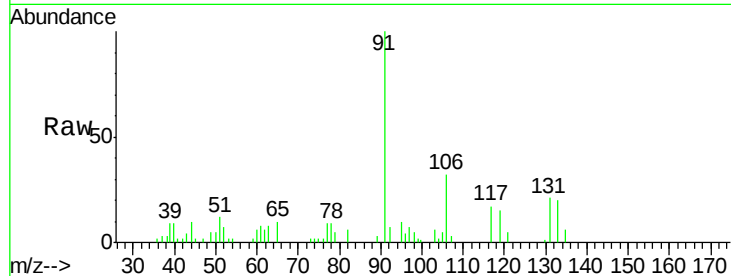
Tot Ion:131 Resp: 3595

Ion Ratio Lower Upper

131 100

133 108.9 48.1 144.4

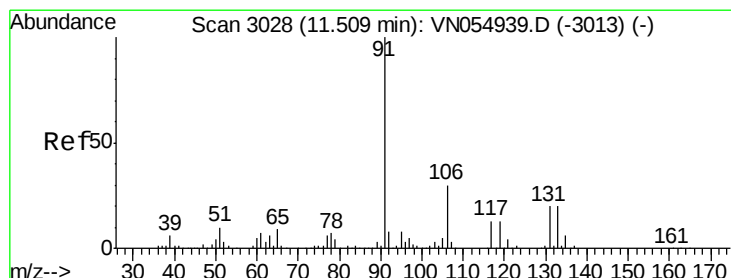
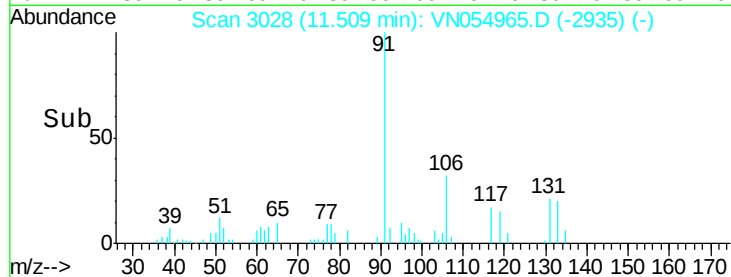
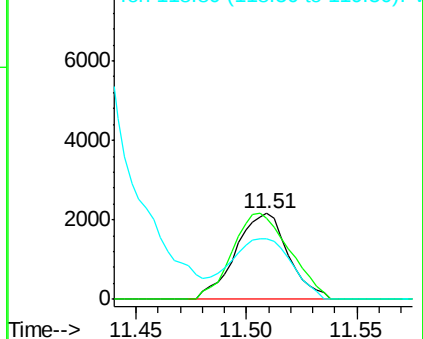
119 0.0 33.1 99.2#



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 0.883 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN054965.D

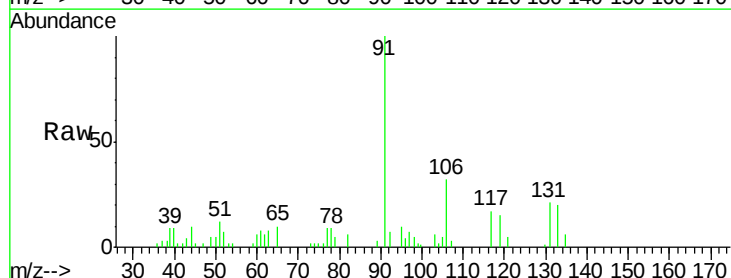
Acq: 5 Apr 2019 10:53

Tgt Ion: 91 Resp: 18627

Ion Ratio Lower Upper

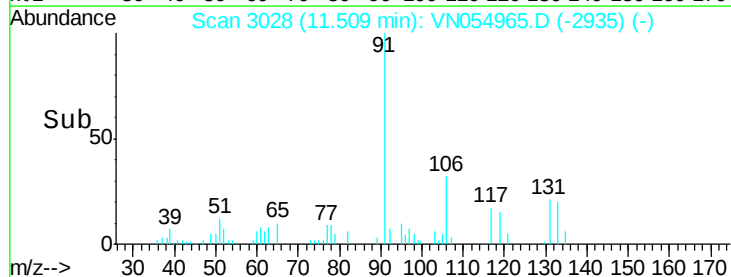
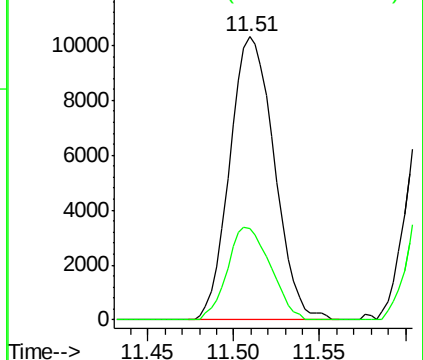
91 100

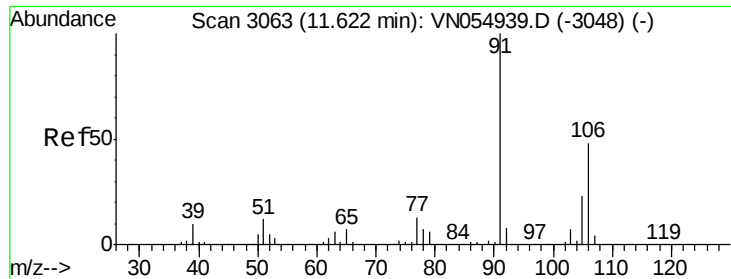
106 32.2 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

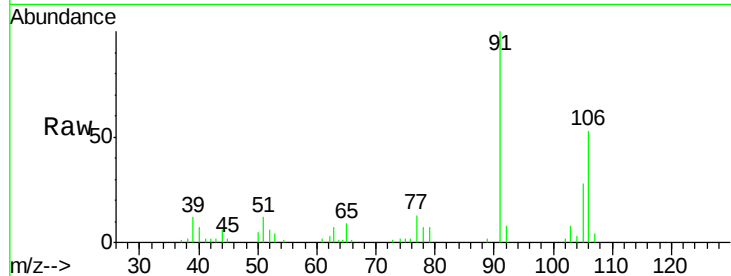




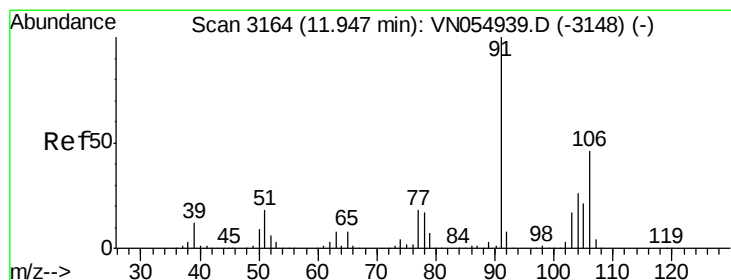
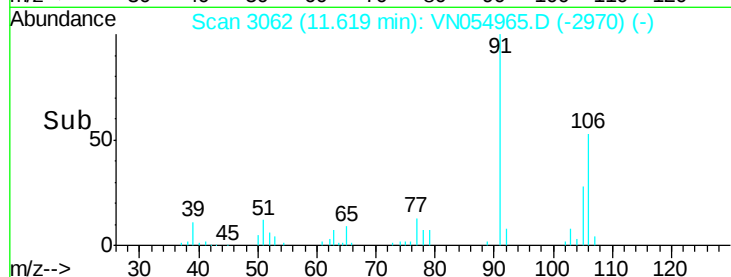
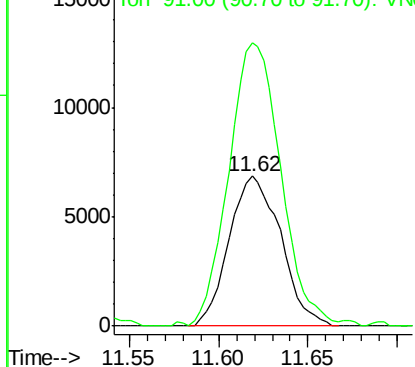
#68
m/p-Xvlenes
Concen: 1.796 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054965.D
Acq: 5 Apr 2019 10:53

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 13859
Ion Ratio Lower Upper
106 100
91 191.4 167.4 251.2

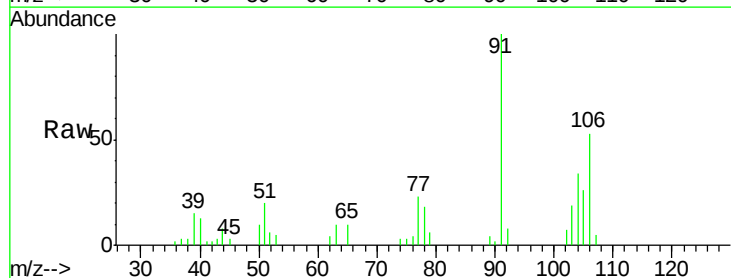


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

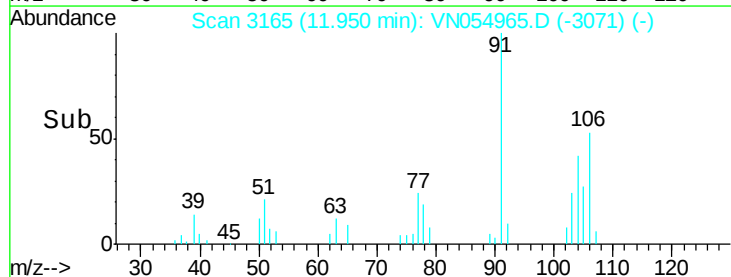
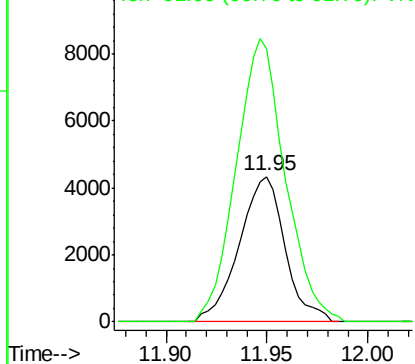


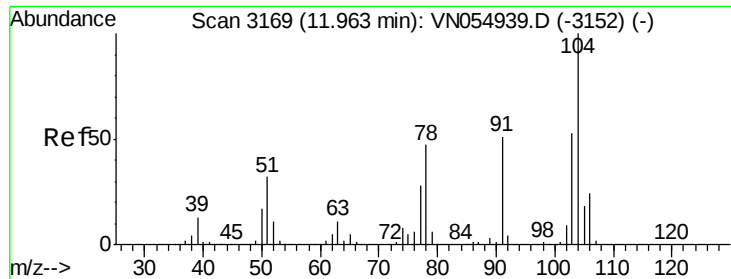
#69
o-Xylene
Concen: 0.918 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN054965.D
Acq: 5 Apr 2019 10:53

Tgt Ion:106 Resp: 6912
Ion Ratio Lower Upper
106 100
91 208.1 109.9 329.7



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

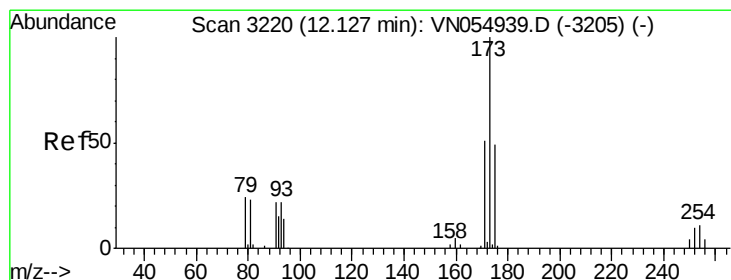
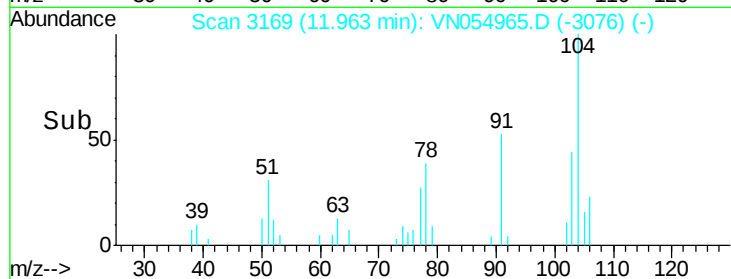
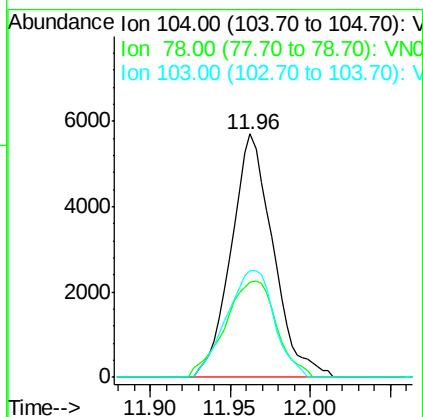
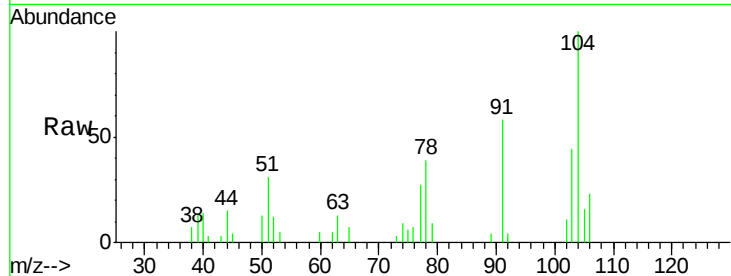




#70
 Stvrene
 Concen: 0.845 ug/l
 RT: 11.96 min Scan# 3169
 Delta R.T. -0.00 min
 Lab File: VN054965.D
 Acq: 5 Apr 2019 10:53

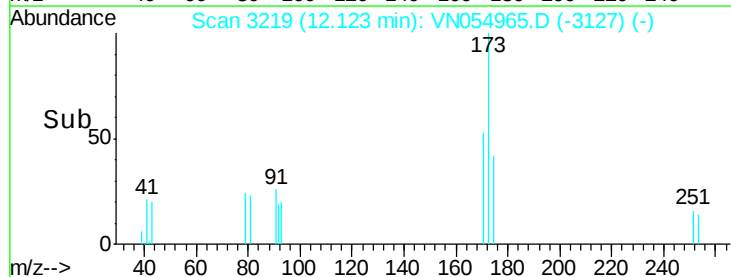
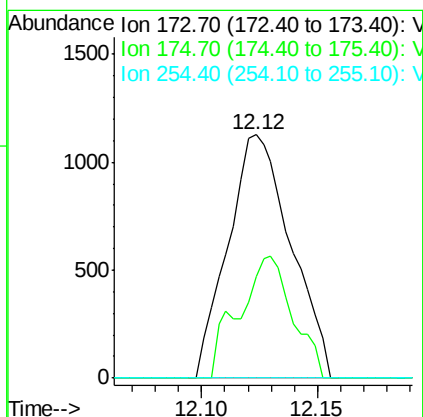
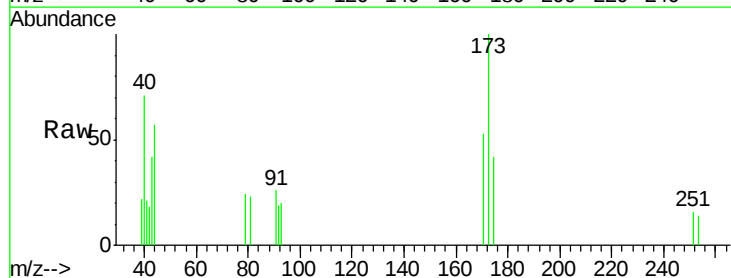
Instrument :
 MSVOA_N
 ClientSampleId :

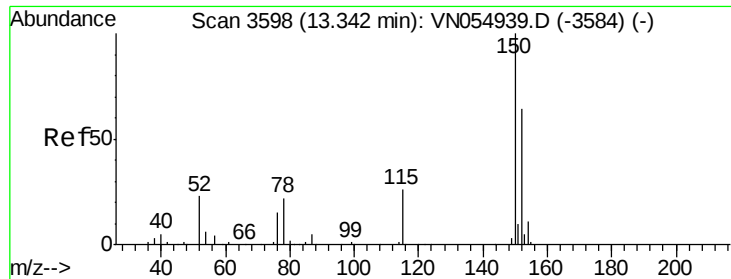
Tot Ion:104 Resp: 10202
 Ion Ratio Lower Upper
 104 100
 78 48.4 41.1 61.7
 103 50.0 45.0 67.4



#71
 Bromoform
 Concen: 0.823 ug/l
 RT: 12.12 min Scan# 3219
 Delta R.T. -0.00 min
 Lab File: VN054965.D
 Acq: 5 Apr 2019 10:53

Tgt Ion:173 Resp: 2119
 Ion Ratio Lower Upper
 173 100
 175 43.2 24.1 72.4
 254 0.0 0.0 0.0



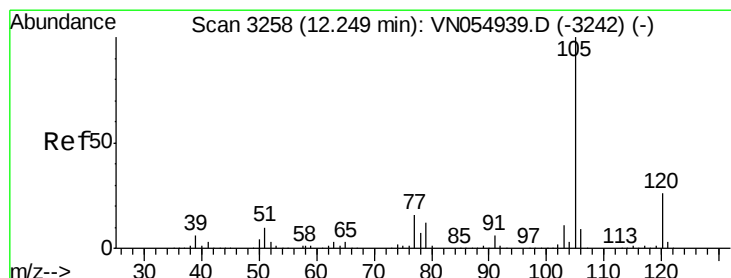
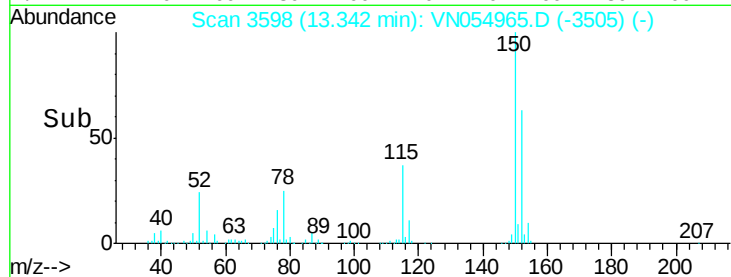
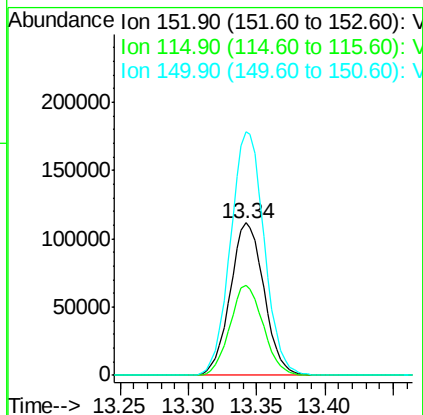
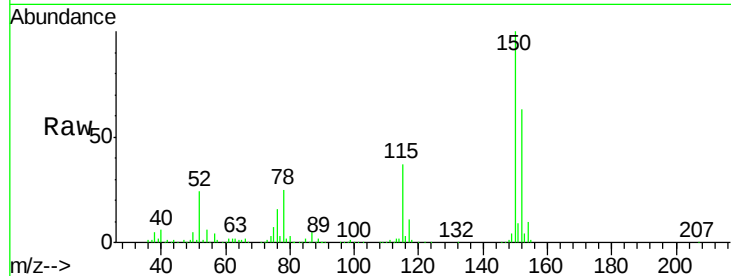


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054965.D
Acq: 5 Apr 2019 10:53

Instrument :
MSVOA_N
ClientSampleId :

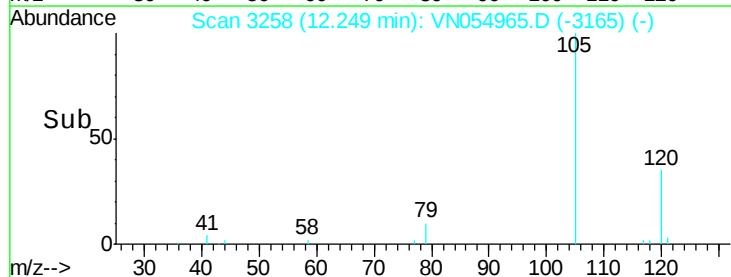
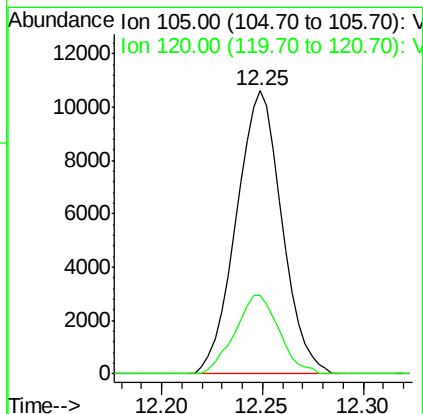
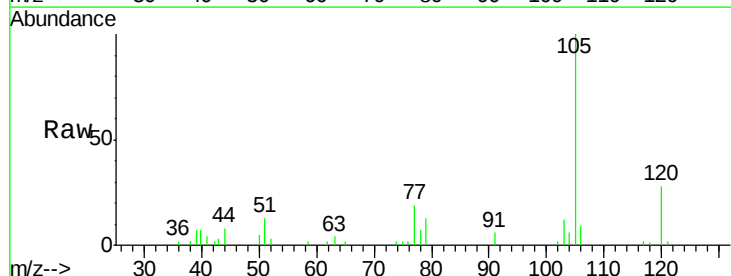
Tot Ion	Ratio	Lower	Upper
152	100		
115	58.6	28.9	86.8
150	159.4	0.0	345.4

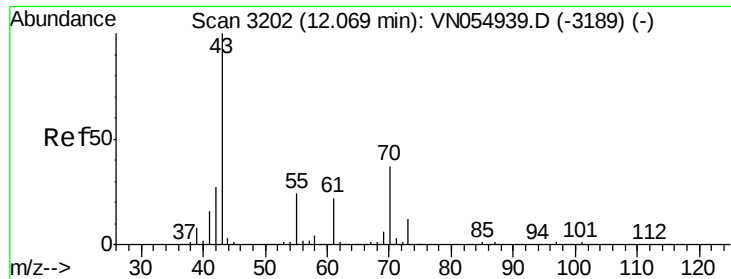


#73

Isopropylbenzene
Concen: 1.036 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN054965.D
Acq: 5 Apr 2019 10:53

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.0	39.0





#74

N-amvl acetate

Concen: 0.898 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN054965.D

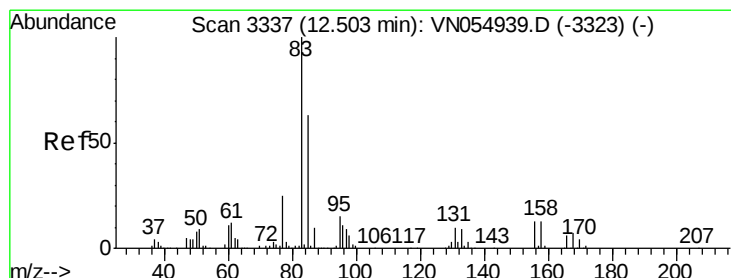
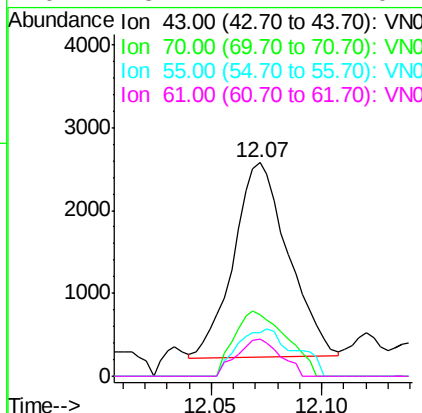
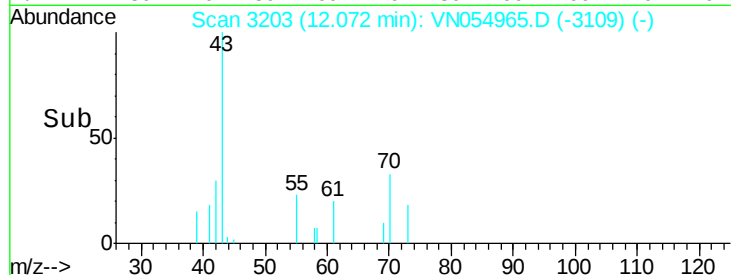
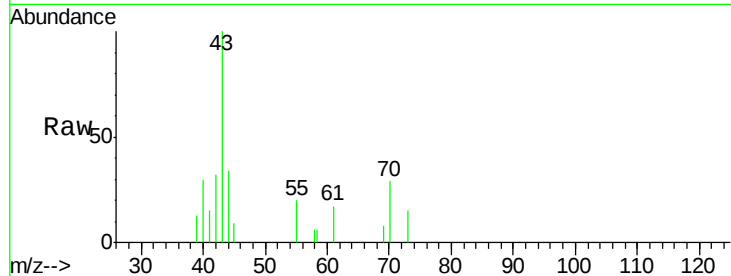
Acq: 5 Apr 2019 10:53

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:	43	Resp:	4043
Ion	Ratio	Lower	Upper
43	100		
70	31.8	29.3	43.9
55	25.5	19.2	28.8
61	15.1	17.4	26.2



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

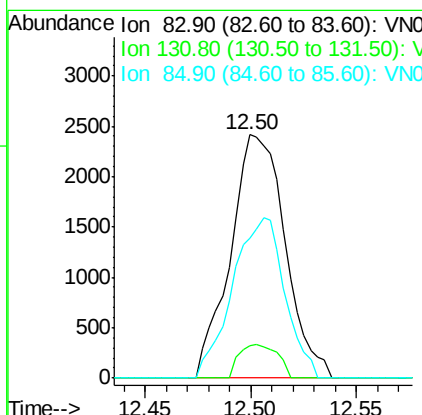
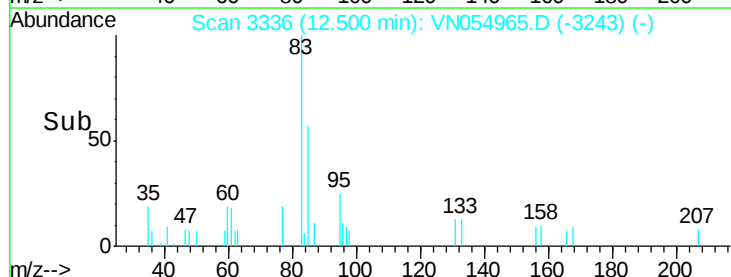
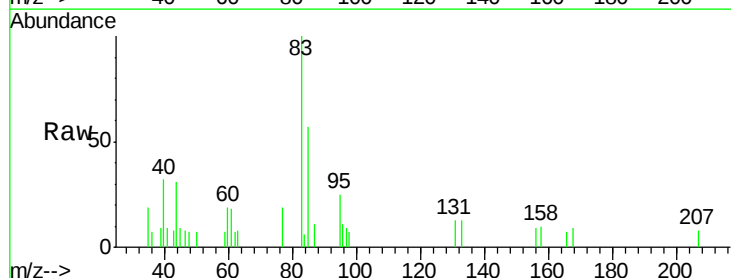
RT: 12.50 min Scan# 3336

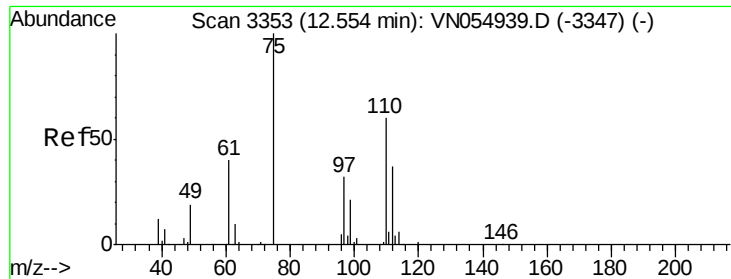
Delta R.T. -0.00 min

Lab File: VN054965.D

Acq: 5 Apr 2019 10:53

Tgt Ion:	83	Resp:	4353
Ion	Ratio	Lower	Upper
83	100		
131	9.7	5.0	15.0
85	62.7	31.4	94.0





#76

1,2,3-Trichloropropane

Concen: Below Cal

RT: 12.56 min Scan# 3354

Delta R.T. 0.00 min

Lab File: VN054965.D

Acq: 5 Apr 2019 10:53

Instrument :

MSVOA_N

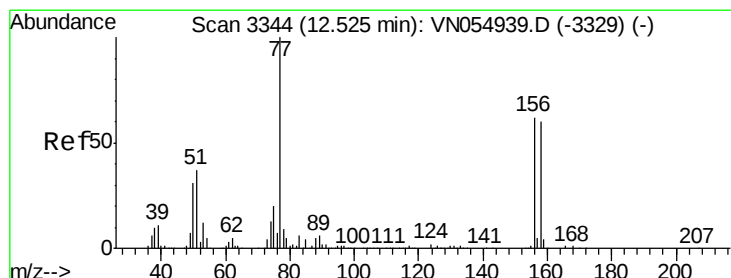
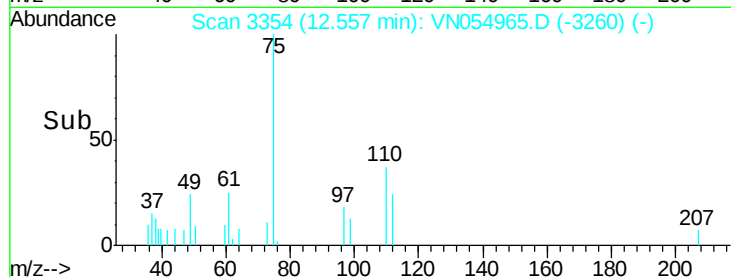
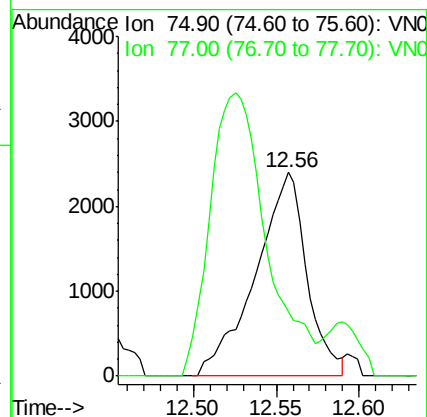
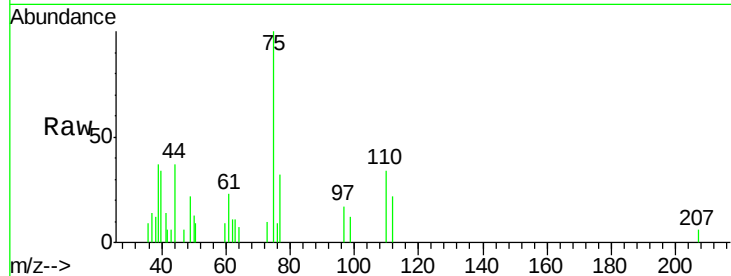
ClientSampleId :

Tot Ion: 75 Resp: 5158

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



#77

Bromobenzene

Concen: 1.067 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN054965.D

Acq: 5 Apr 2019 10:53

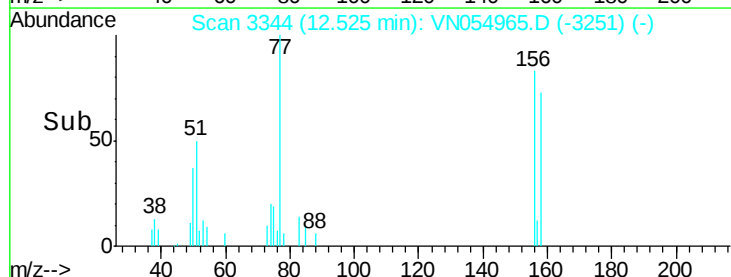
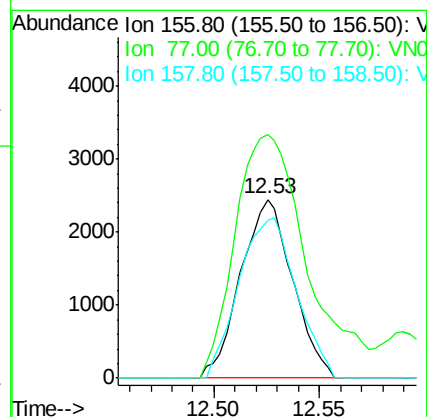
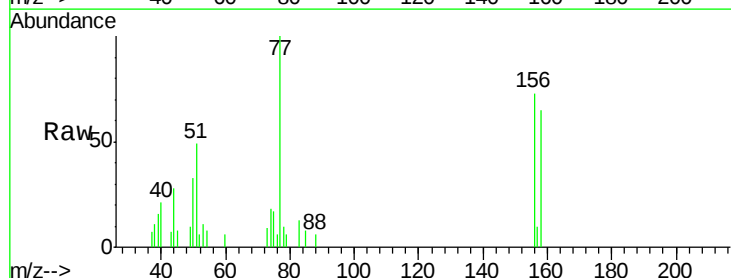
Tgt Ion: 156 Resp: 4187

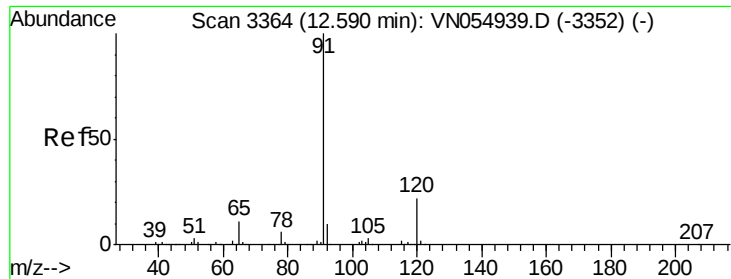
Ion Ratio Lower Upper

156 100

77 188.6 93.1 279.3

158 98.9 48.4 145.3





#78

n-propylbenzene

Concen: 1.007 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN054965.D

Acq: 5 Apr 2019 10:53

Instrument :

MSVOA_N

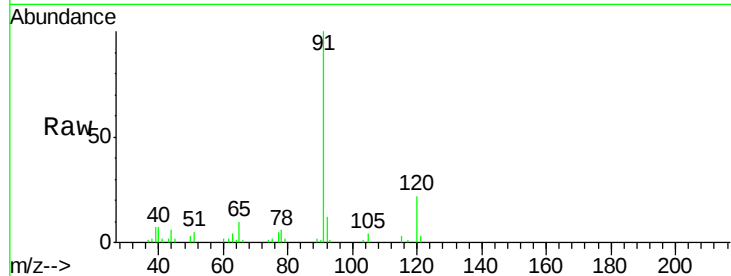
ClientSampled :

Tot Ion: 91 Resp: 17975

Ion Ratio Lower Upper

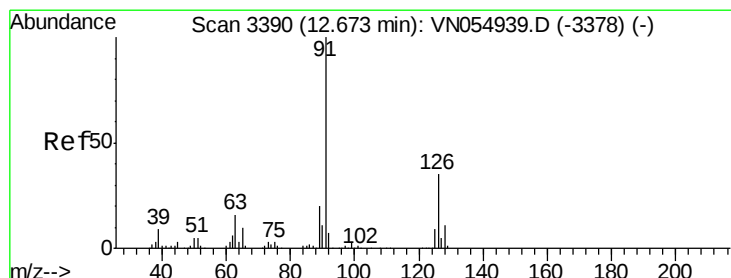
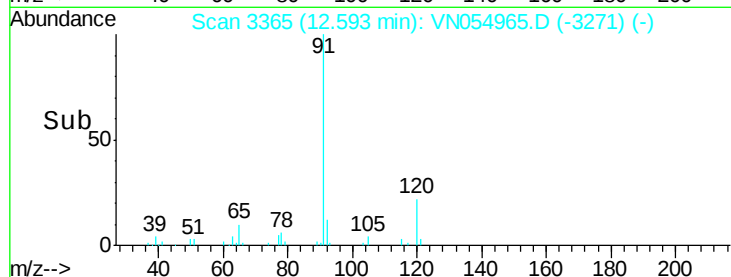
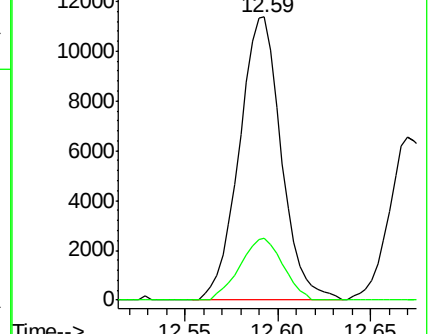
91 100

120 22.3 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 1.065 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN054965.D

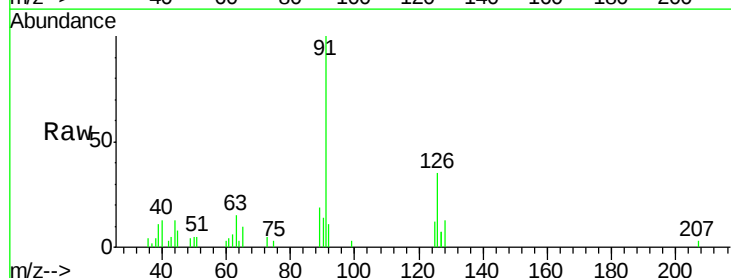
Acq: 5 Apr 2019 10:53

Tgt Ion: 91 Resp: 11782

Ion Ratio Lower Upper

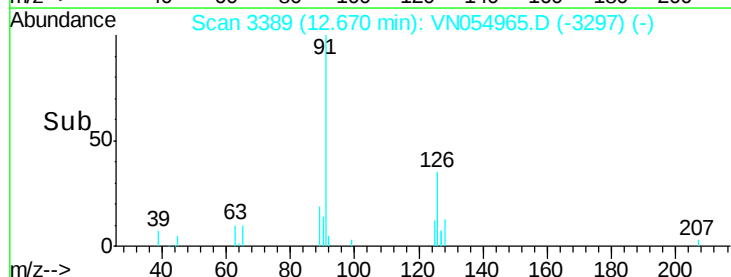
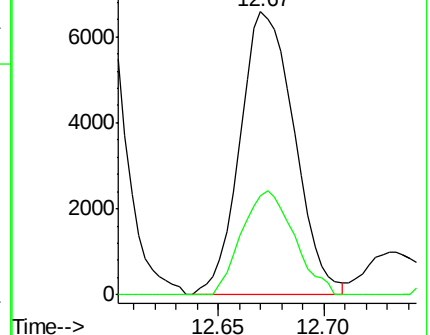
91 100

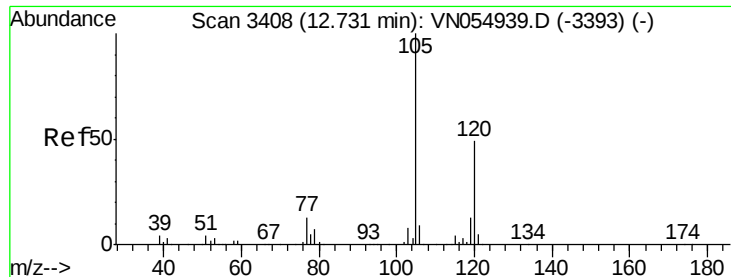
126 35.5 17.4 52.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 1.060 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN054965.D

Acq: 5 Apr 2019 10:53

Instrument :

MSVOA_N

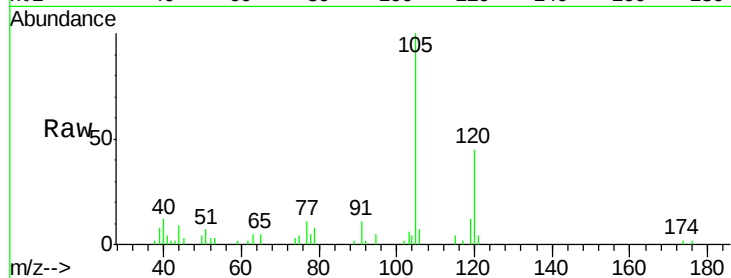
ClientSampled :

Tot Ion:105 Resp: 14107

Ion Ratio Lower Upper

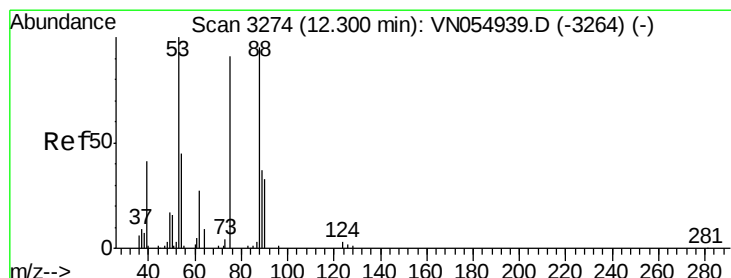
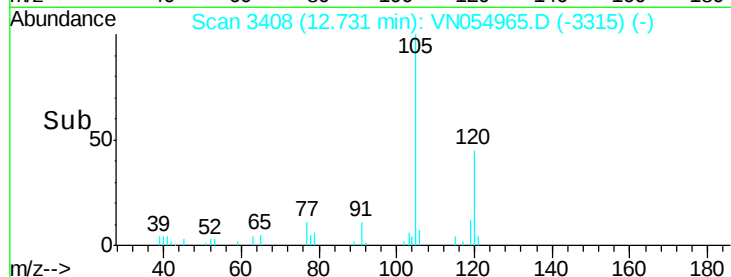
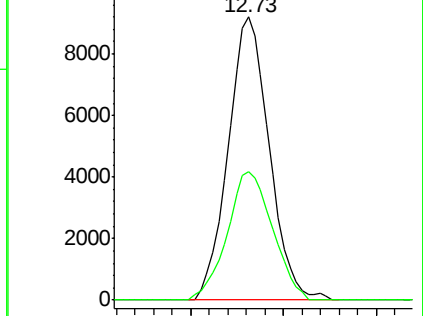
105 100

120 50.0 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 146.972 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054965.D

Acq: 5 Apr 2019 10:53

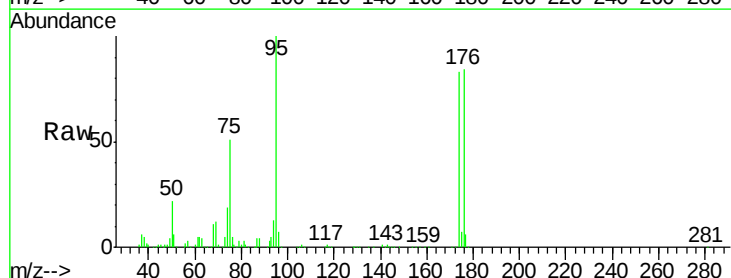
Tgt Ion: 75 Resp: 122055

Ion Ratio Lower Upper

75 100

53 0.0 92.8 139.2#

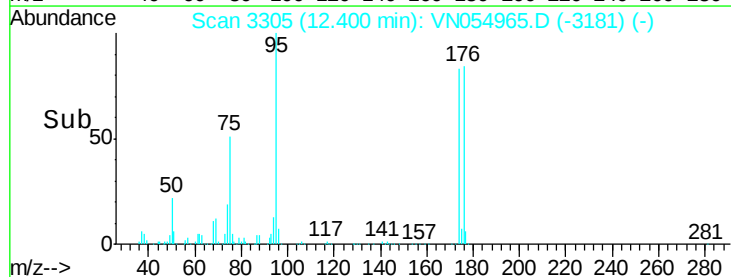
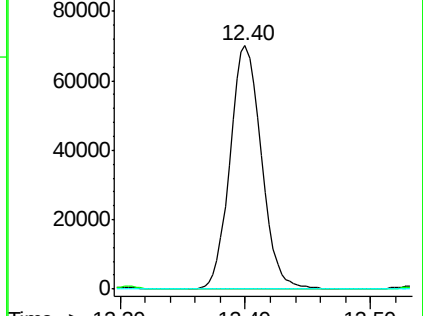
89 0.0 36.7 55.1#

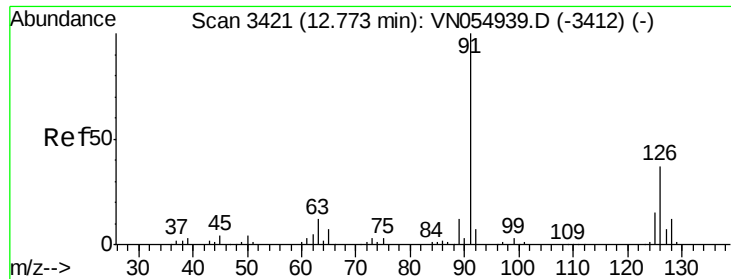


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

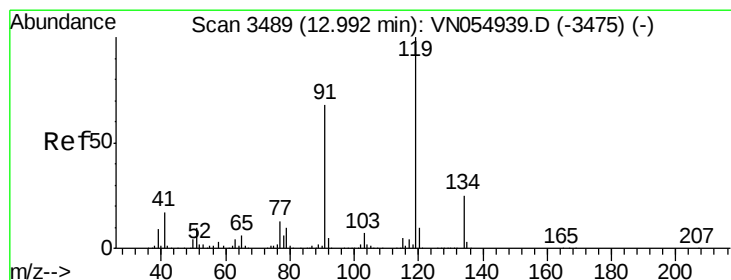
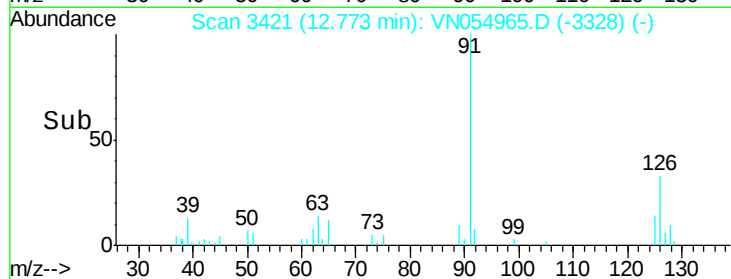
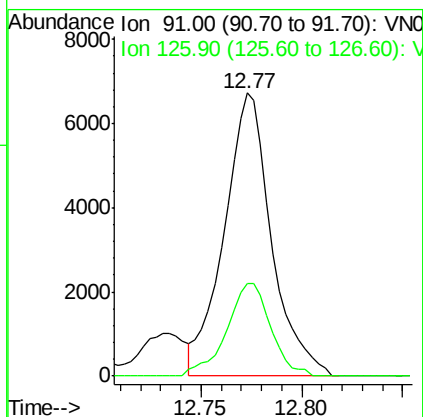
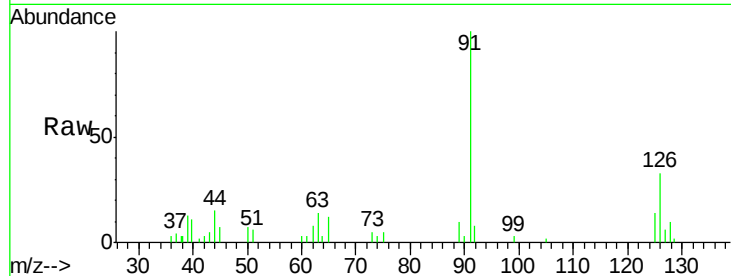




#82
4-Chlorotoluene
Concen: 1.050 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN054965.D
Acq: 5 Apr 2019 10:53

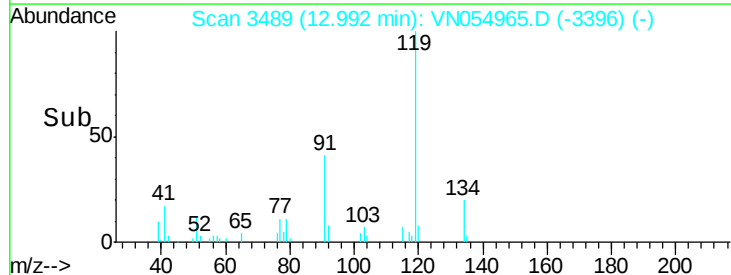
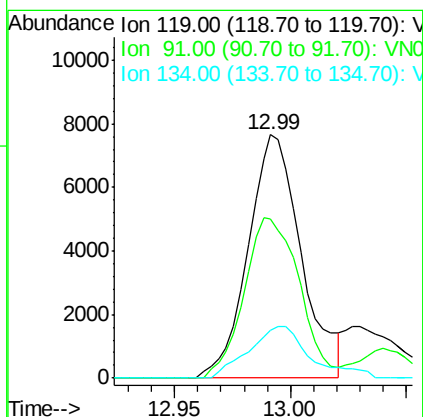
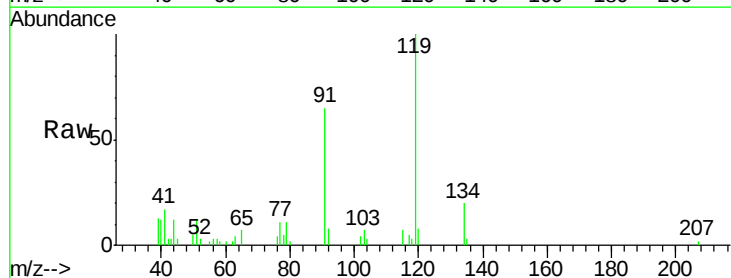
Instrument :
MSVOA_N
ClientSampled :

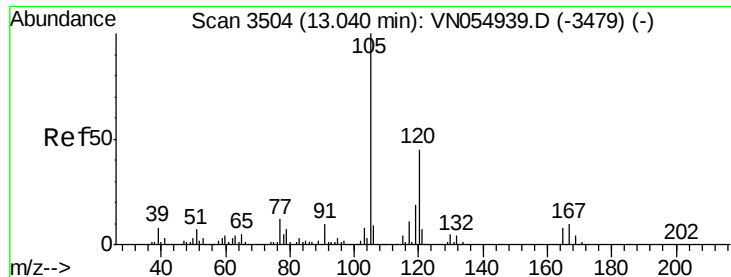
Tot Ion: 91 Resp: 10986
Ion Ratio Lower Upper
91 100
126 30.7 16.9 50.7



#83
tert-Butylbenzene
Concen: 1.077 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VN054965.D
Acq: 5 Apr 2019 10:53

Tgt Ion: 119 Resp: 12189
Ion Ratio Lower Upper
119 100
91 68.3 33.5 100.5
134 24.6 12.4 37.0





#84

1,2,4-Trimethylbenzene

Concen: 0.960 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN054965.D

Acq: 5 Apr 2019 10:53

Instrument :

MSVOA_N

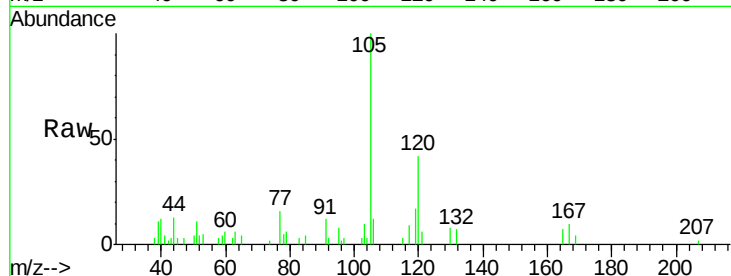
ClientSampled :

Tot Ion:105 Resp: 12361

Ion Ratio Lower Upper

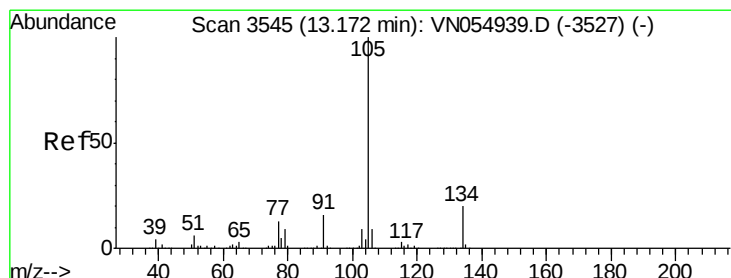
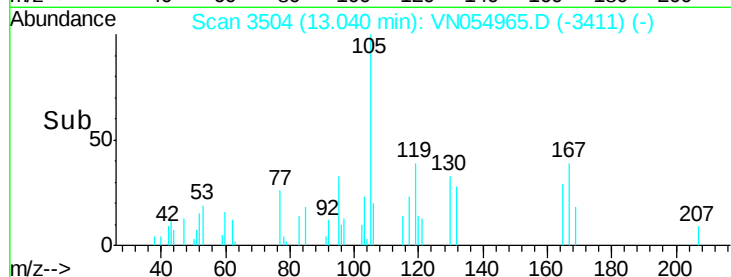
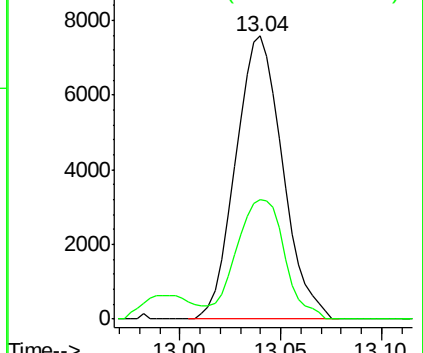
105 100

120 43.9 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 0.924 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN054965.D

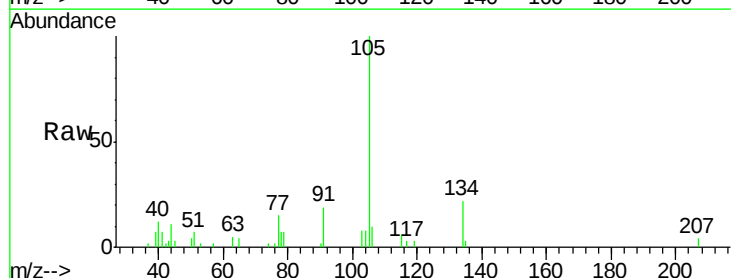
Acq: 5 Apr 2019 10:53

Tgt Ion:105 Resp: 13535

Ion Ratio Lower Upper

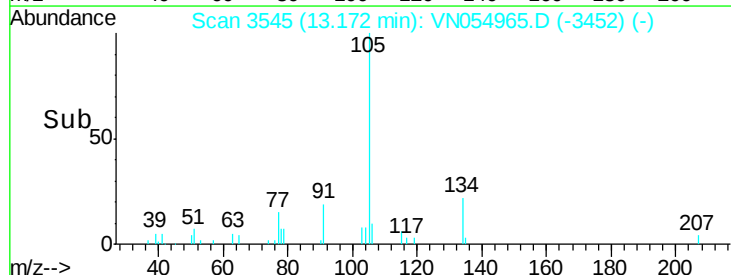
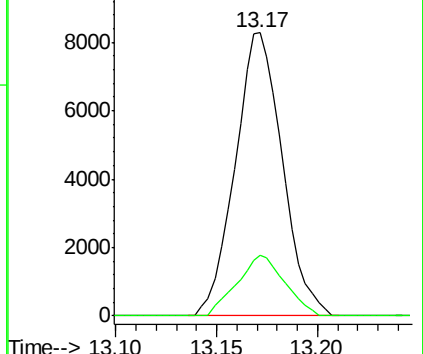
105 100

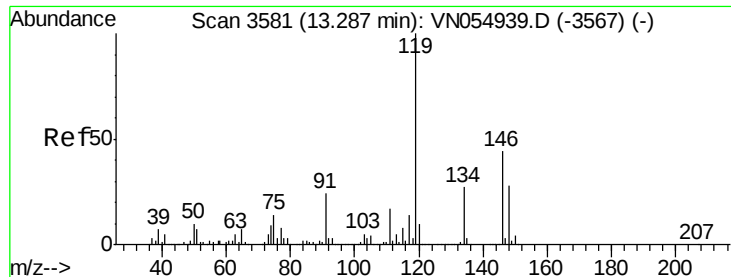
134 21.6 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

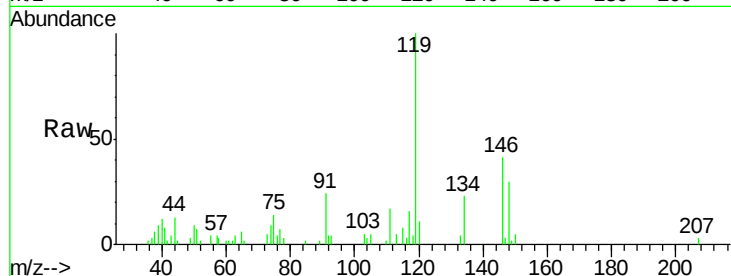




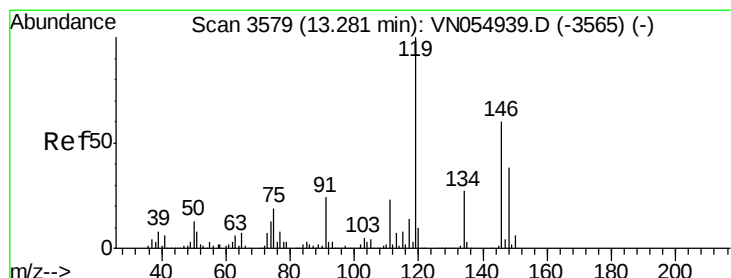
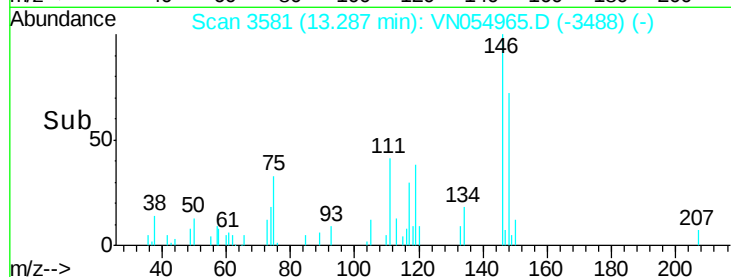
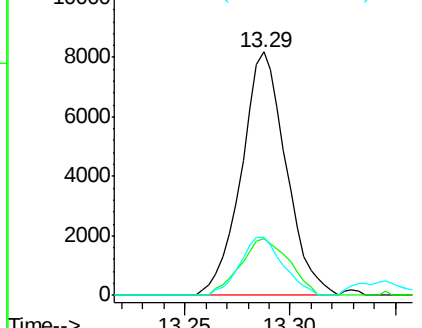
#86
 p-Isopropyltoluene
 Concen: 0.954 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN054965.D
 Acq: 5 Apr 2019 10:53

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.2	13.5	40.5
91	22.9	11.9	35.7

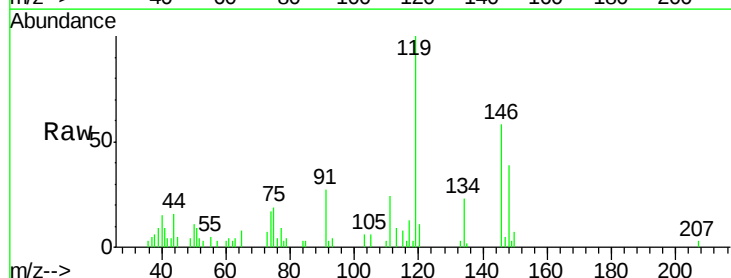


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

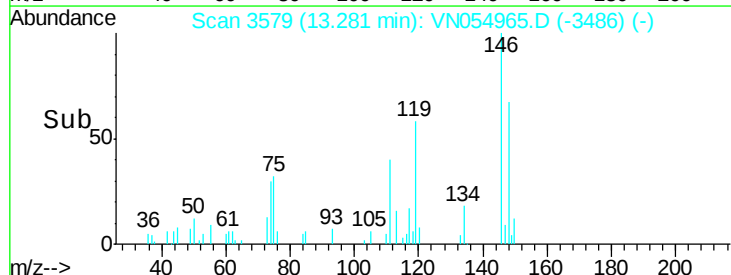
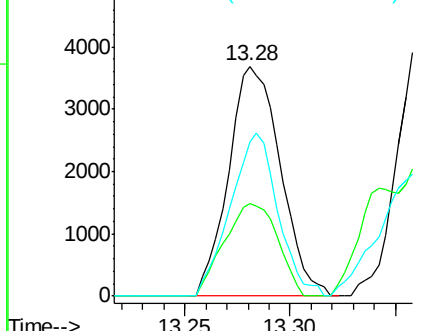


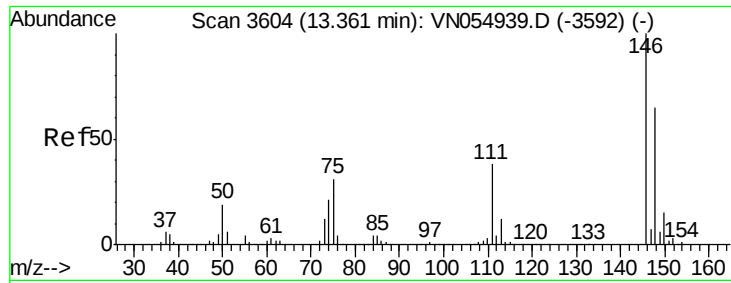
#87
 1,3-Dichlorobenzene
 Concen: 0.965 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN054965.D
 Acq: 5 Apr 2019 10:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.4	19.6	58.7
148	64.8	31.7	95.1



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

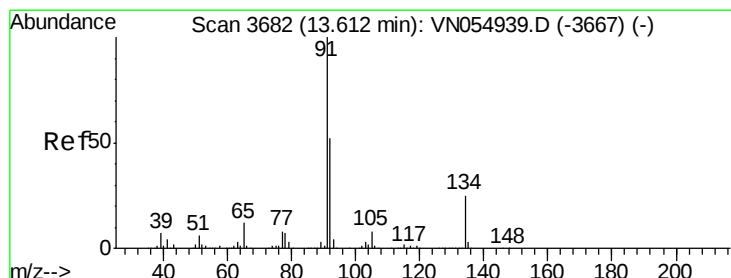
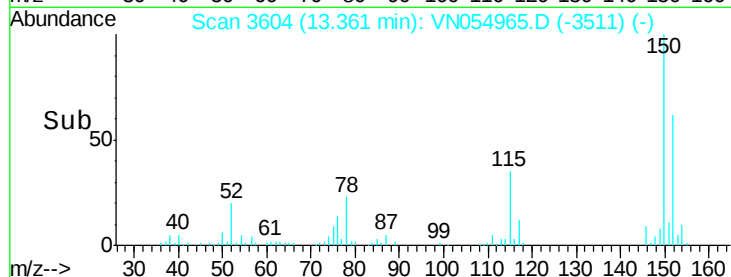
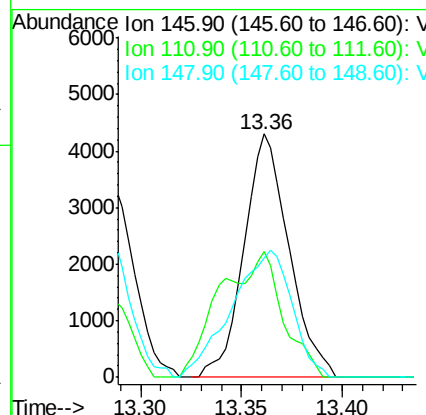
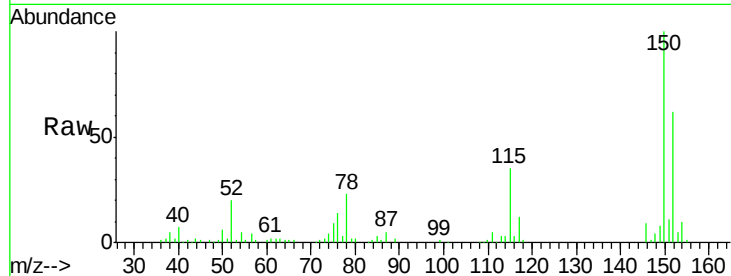




#88
 1,4-Dichlorobenzene
 Concen: 1.081 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN054965.D
 Acq: 5 Apr 2019 10:53

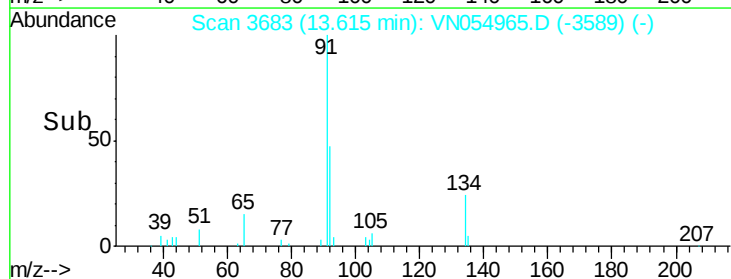
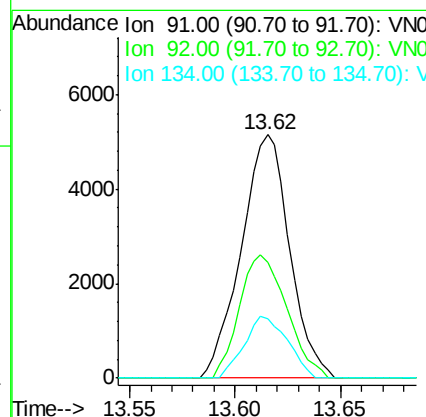
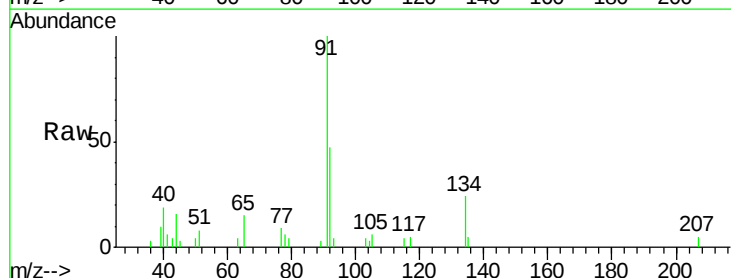
Instrument :
 MSVOA_N
 ClientSampled :

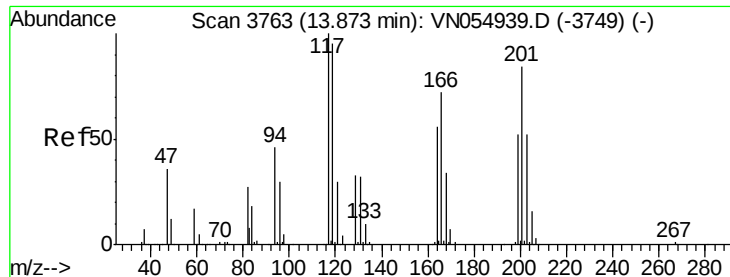
Tot Ion:146 Resp: 6717
 Ion Ratio Lower Upper
 146 100
 111 37.3 19.2 57.6
 148 69.7 31.9 95.7



#89
 n-Butylbenzene
 Concen: 0.814 ug/l
 RT: 13.62 min Scan# 3683
 Delta R.T. 0.00 min
 Lab File: VN054965.D
 Acq: 5 Apr 2019 10:53

Tgt Ion: 91 Resp: 8209
 Ion Ratio Lower Upper
 91 100
 92 49.4 26.1 78.2
 134 22.6 12.6 37.8





#90

Hexachloroethane

Concen: 0.988 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN054965.D

Acq: 5 Apr 2019 10:53

Instrument :

MSVOA_N

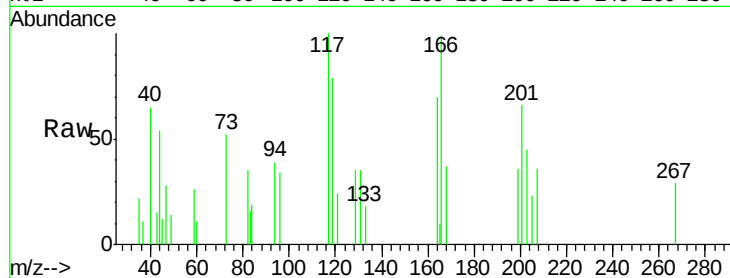
ClientSampled :

Tot Ion:117 Resp: 2093

Ion Ratio Lower Upper

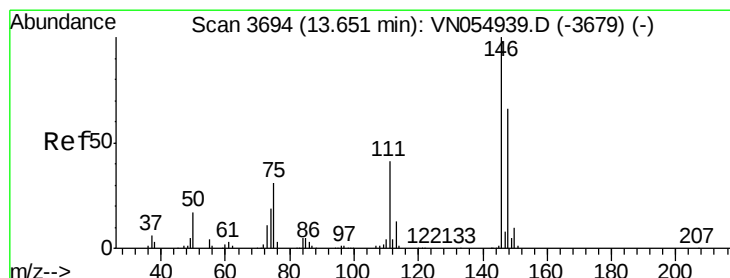
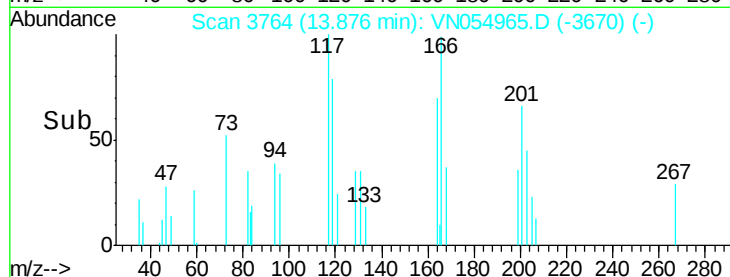
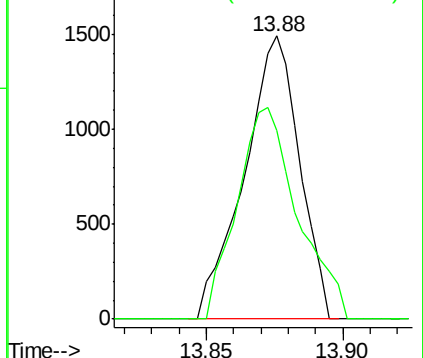
117 100

201 82.1 42.5 127.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 1.002 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN054965.D

Acq: 5 Apr 2019 10:53

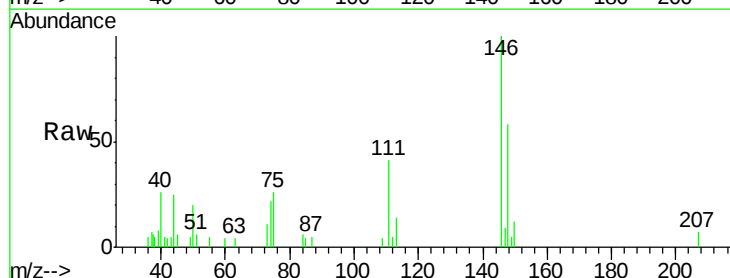
Tgt Ion:146 Resp: 6424

Ion Ratio Lower Upper

146 100

111 41.2 20.2 60.5

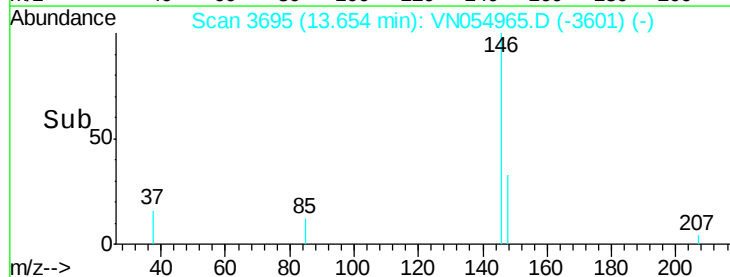
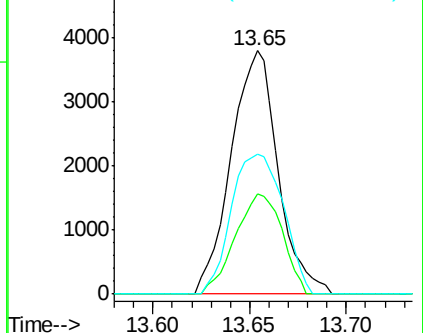
148 63.6 32.1 96.5

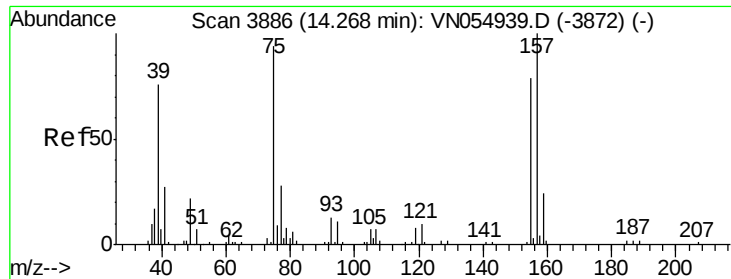


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.285 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN054965.D

Acq: 5 Apr 2019 10:53

Instrument :

MSVOA_N

ClientSampled :

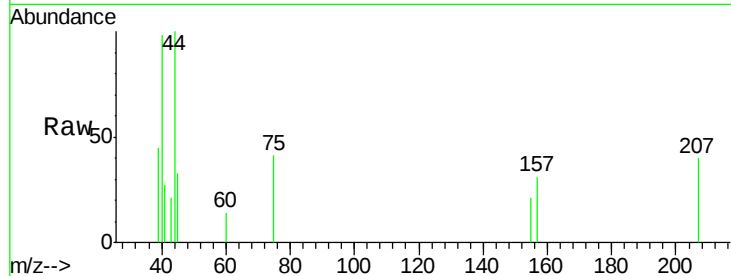
Tot Ion: 75 Resp: 713

Ion Ratio Lower Upper

75 100

155 54.4 41.5 124.6

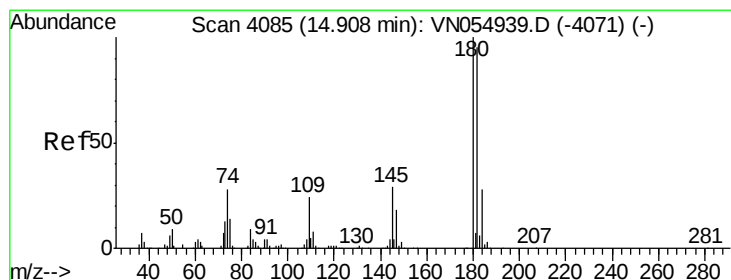
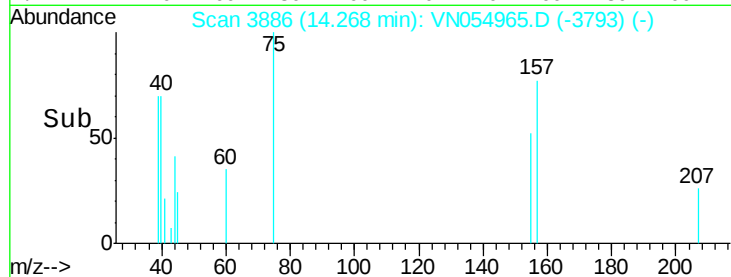
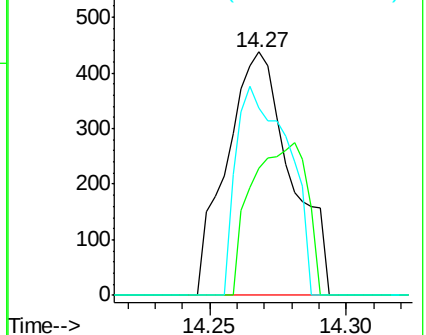
157 70.7 54.4 163.2



Abundance Ion 74.90 (74.60 to 75.60): VN054939.D (-3872) (-)

Ion 154.80 (154.50 to 155.50): VN054939.D (-3872) (-)

Ion 156.80 (156.50 to 157.50): VN054939.D (-3872) (-)



#93

1,2,4-Trichlorobenzene

Concen: 3.080 ug/l

RT: 14.90 min Scan# 4084

Delta R.T. -0.00 min

Lab File: VN054965.D

Acq: 5 Apr 2019 10:53

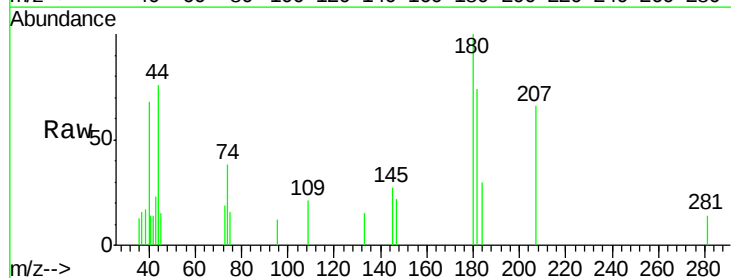
Tgt Ion: 180 Resp: 2206

Ion Ratio Lower Upper

180 100

182 83.5 47.5 142.6

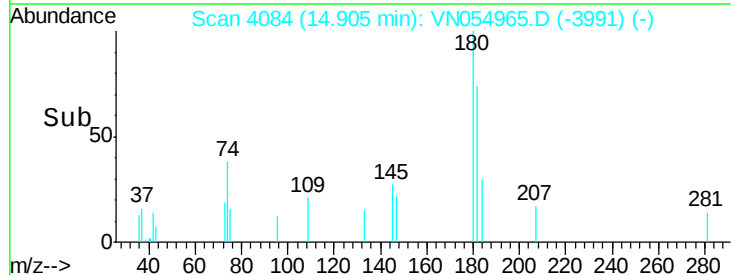
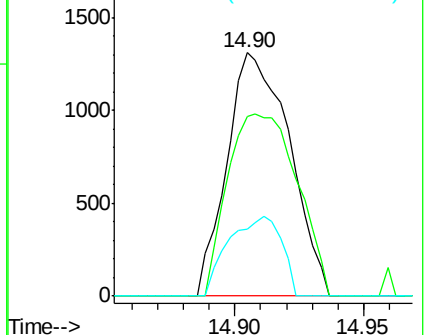
145 27.7 14.6 43.8

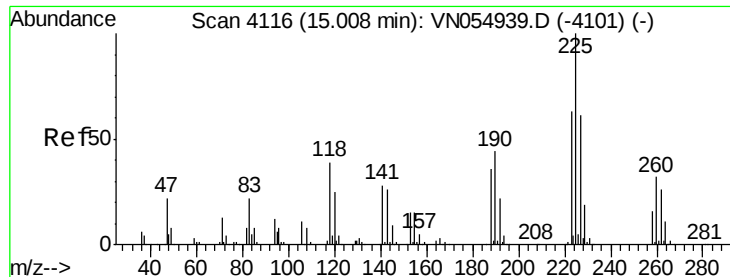


Abundance Ion 179.80 (179.50 to 180.50): VN054939.D (-4071) (-)

Ion 181.80 (181.50 to 182.50): VN054939.D (-4071) (-)

Ion 144.80 (144.50 to 145.50): VN054939.D (-4071) (-)





#94

Hexachlorobutadiene

Concen: 1.195 ug/l

RT: 15.01 min Scan# 4117

Delta R.T. 0.00 min

Lab File: VN054965.D

Acq: 5 Apr 2019 10:53

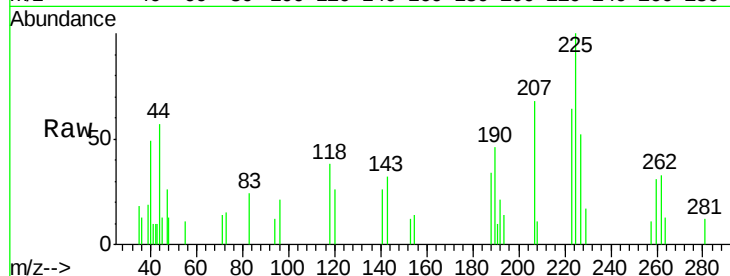
Instrument :

MSVOA_N

ClientSampled :

Tot Ion:225 Resp: 2562

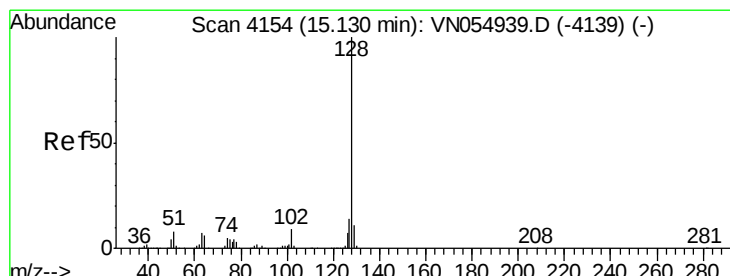
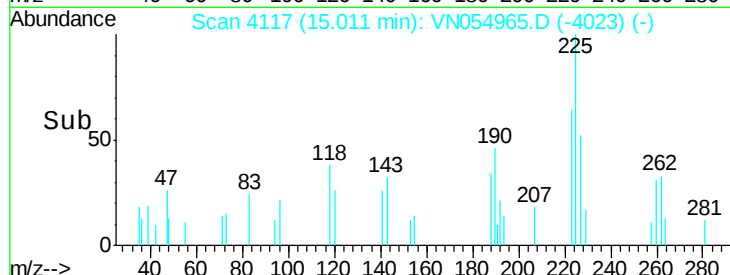
Ion	Ratio	Lower	Upper
225	100		
223	57.8	31.1	93.5
227	52.6	30.9	92.5



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 3.467 ug/l

RT: 15.14 min Scan# 4156

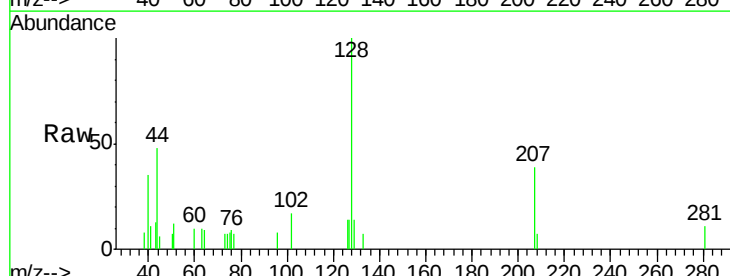
Delta R.T. 0.01 min

Lab File: VN054965.D

Acq: 5 Apr 2019 10:53

Tgt Ion:128 Resp: 4608

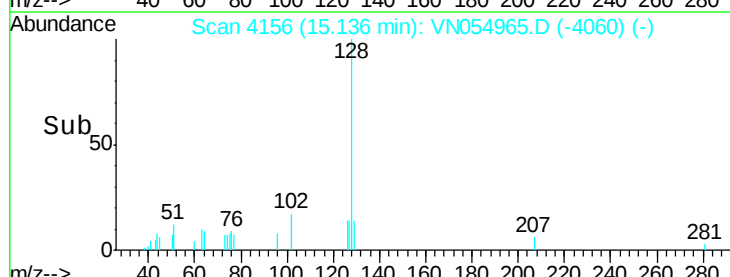
Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.6	16.0
129	8.2	8.6	13.0#

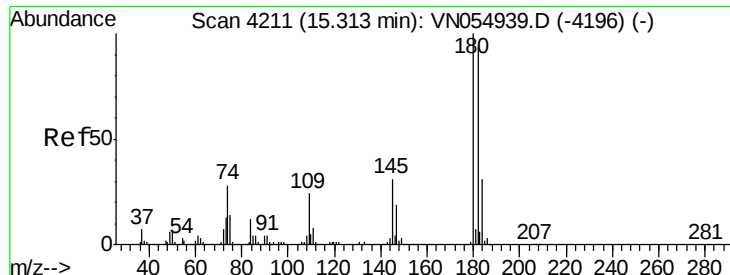


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

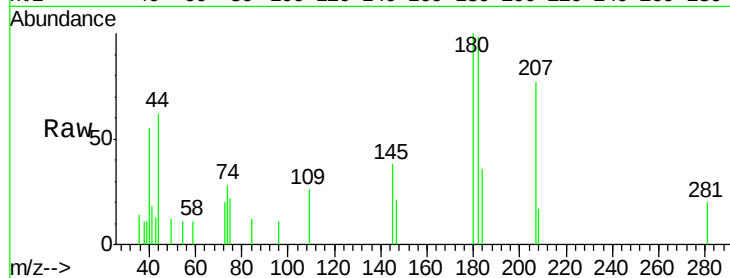




#96
 1,2,3-Trichlorobenzene
 Concen: 0.881 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. -0.00 min
 Lab File: VN054965.D
 Acq: 5 Apr 2019 10:53

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	89.0	47.5	142.5
145	30.5	15.6	46.8



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

