

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031319\
 Data File : VN054231.D
 Acq On : 14 Mar 2019 00:27
 Operator : JC/SP
 Sample : PB117844TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 14 05:24:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1366364	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2253249	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2400327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	1055654	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	738316	50.88	ug/l	0.00
Spiked Amount			Recovery	=	101.76%	
35) Dibromofluoromethane	7.59	113	696133	47.90	ug/l	0.00
Spiked Amount			Recovery	=	95.80%	
50) Toluene-d8	10.09	98	2818397	52.51	ug/l	0.00
Spiked Amount			Recovery	=	105.02%	
62) 4-Bromofluorobenzene	12.40	95	1080755	57.55	ug/l	0.00
Spiked Amount			Recovery	=	115.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	3.94	142	2235	1.604	ug/l #	63
11) Tert butyl alcohol	4.82	59	561	0.564	ug/l #	70
13) Acrolein	3.60	56	881	0.935	ug/l #	72
15) Acrylonitrile	5.00	53	995	0.243	ug/l #	36
16) Acetone	3.82	43	33398	8.038	ug/l	97
17) Carbon Disulfide	4.04	76	10229	0.287	ug/l #	91
20) Methylene Chloride	4.55	84	23347	1.711	ug/l	95
25) 2-Butanone	6.85	43	2325	0.477	ug/l	91
29) Tetrahydrofuran	7.22	42	1694	0.540	ug/l #	80
31) Cyclohexane	7.67	56	22420	Below Cal	#	1
38) Carbon Tetrachloride	7.66	117	111874	5.141	ug/l #	16
43) Isopropyl Acetate	8.17	43	45030	2.152	ug/l	98
48) Methyl methacrylate	9.18	41	16367	1.541	ug/l #	12
49) 1,4-Dioxane	9.19	88	113	0.752	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	15853	1.431	ug/l	92
53) t-1,3-Dichloropropene	10.38	75	1470	2.048	ug/l #	1
54) cis-1,3-Dichloropropene	9.90	75	138135	5.935	ug/l #	62
57) 1,3-Dichloropropane	10.77	76	22892	1.018	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.70	63	575	16.903	ug/l #	44
59) 2-Hexanone	10.77	43	326418	44.293	ug/l #	50
68) m/p-Xylenes	11.62	106	7449	0.218	ug/l	91
71) Bromoform	12.13	173	256	2.367	ug/l #	28
74) N-amyl acetate	12.07	43	5271	0.281	ug/l #	92
76) 1,2,3-Trichloropropane	12.40	75	529831	34.130	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	19678	0.280	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	529831	116.672	ug/l #	11
87) 1,3-Dichlorobenzene	13.28	146	8352	0.222	ug/l	95
88) 1,4-Dichlorobenzene	13.28	146	8352	0.226	ug/l	95
89) n-Butylbenzene	13.62	91	15760	0.282	ug/l	96
93) 1,2,4-Trichlorobenzene	14.91	180	10978	2.986	ug/l	93
94) Hexachlorobutadiene	15.00	225	4841	0.345	ug/l	90
95) Naphthalene	15.13	128	35241	4.178	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	12229	0.625	ug/l	99

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration

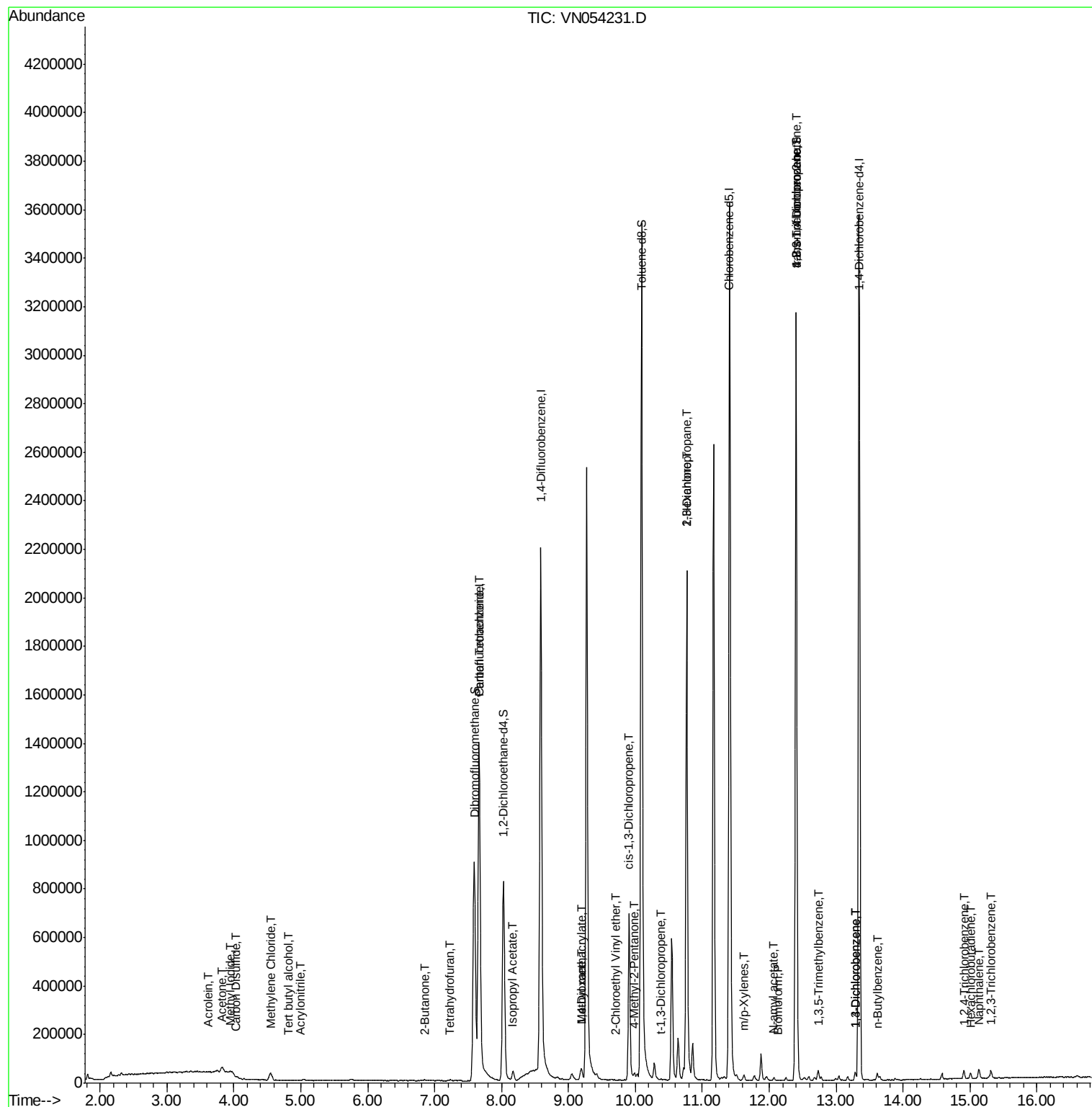
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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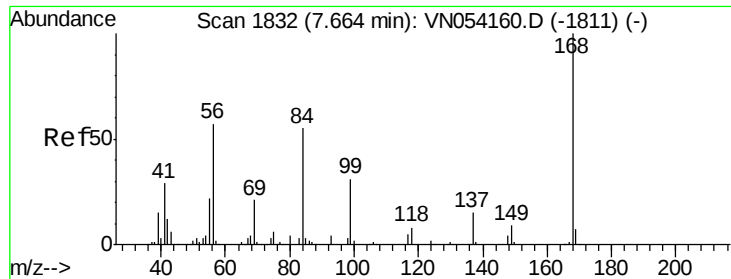
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031319\
Data File : VN054231.D
Acq On : 14 Mar 2019 00:27
Operator : JC/SP
Sample : PB117844TB
Misc : 5.00mL/MSVOA N/WATER
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN054231.D

Acq: 14 Mar 2019 00:27

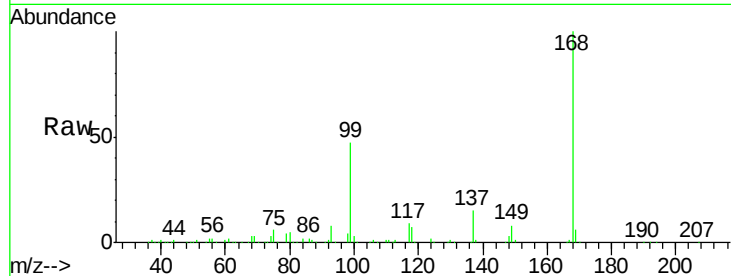
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 1366364

Ion Ratio Lower Upper

168 100

99 47.3 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

600000

500000

400000

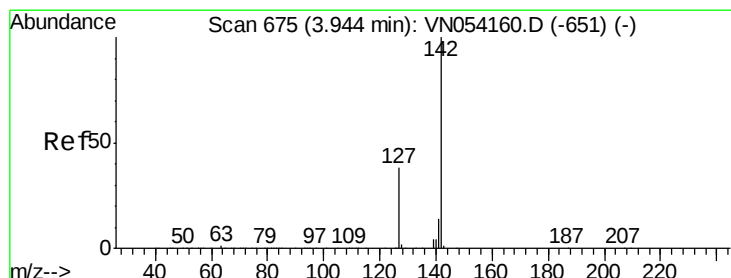
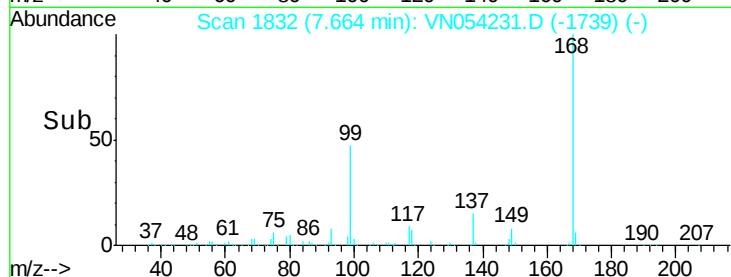
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#10

Methyl Iodide

Concen: 1.604 ug/l

RT: 3.94 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN054231.D

Acq: 14 Mar 2019 00:27

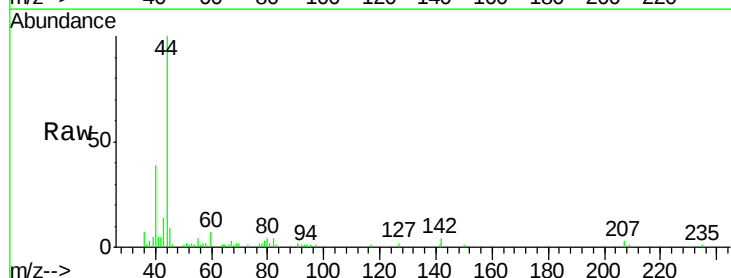
Tgt Ion:142 Resp: 2235

Ion Ratio Lower Upper

142 100

127 7.6 30.3 45.5#

141 13.4 11.2 16.8



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

3.94

1000

800

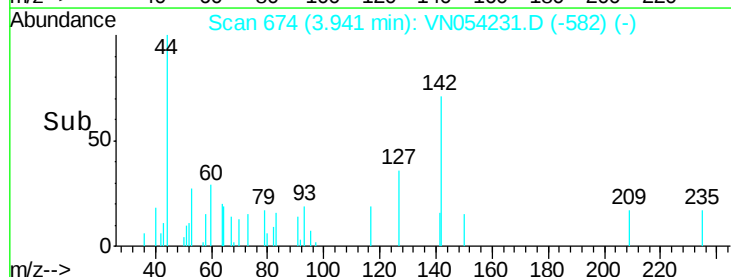
600

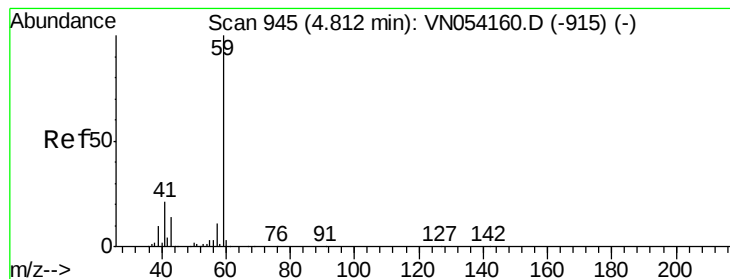
400

200

0

Time--> 3.90 3.95 4.00



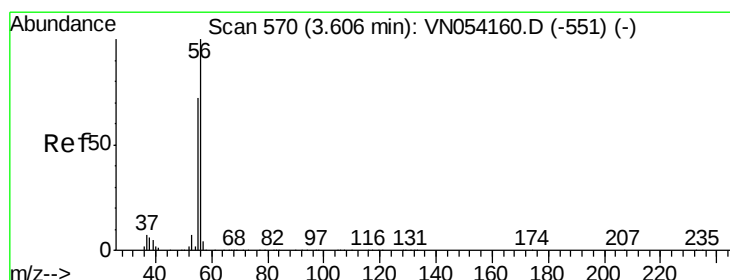
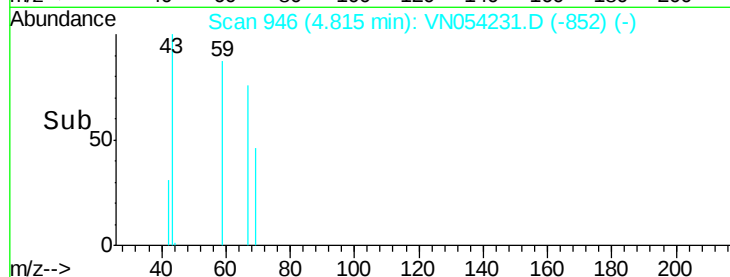
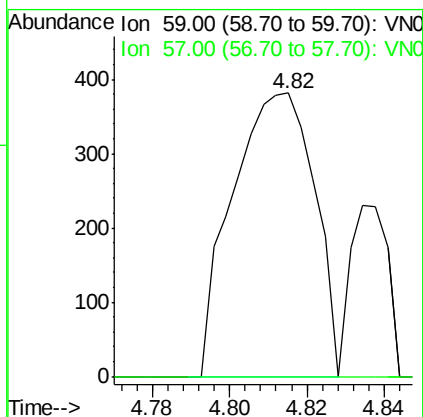
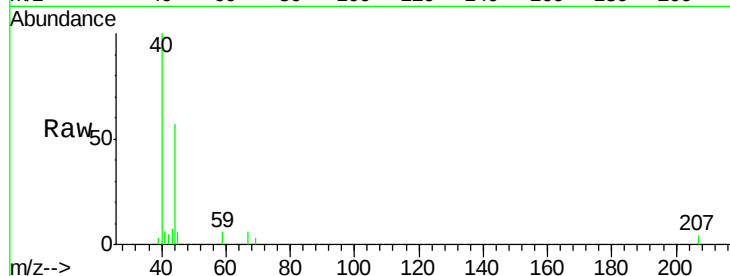


#11

Tert butyl alcohol
 Concen: 0.564 ug/l
 RT: 4.82 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: VN054231.D
 Acq: 14 Mar 2019 00:27

Instrument :
 MSVOA_N
 ClientSampled :

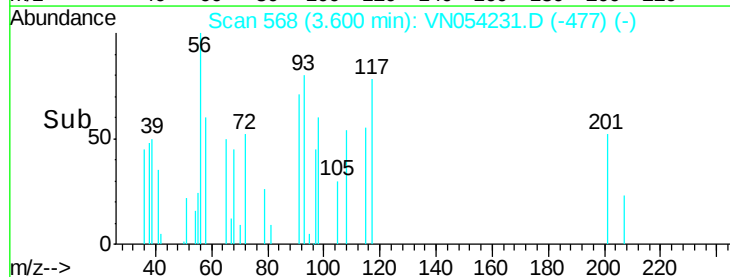
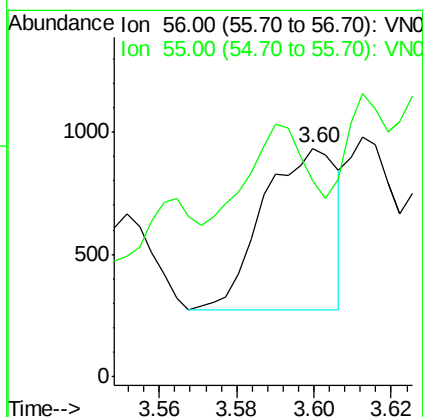
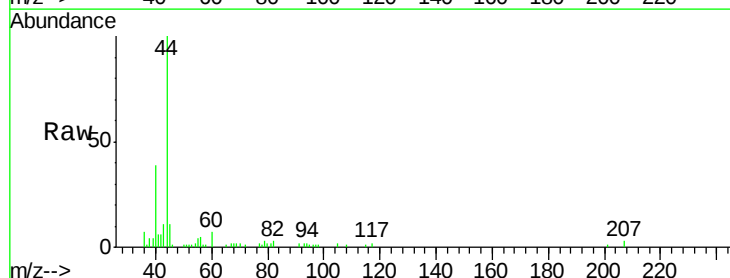
Tot Ion: 59 Resp: 561
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.0 13.6#

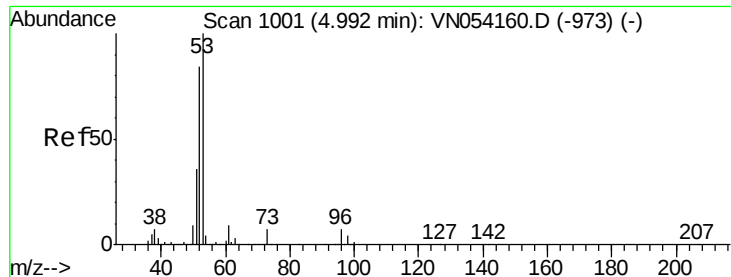


#13

Acrolein
 Concen: 0.935 ug/l
 RT: 3.60 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: VN054231.D
 Acq: 14 Mar 2019 00:27

Tgt Ion: 56 Resp: 881
 Ion Ratio Lower Upper
 56 100
 55 47.9 56.7 85.1#





#15

Acrylonitrile

Concen: 0.243 ug/l

RT: 5.00 min Scan# 1005

Delta R.T. 0.01 min

Lab File: VN054231.D

Acq: 14 Mar 2019 00:27

Instrument :

MSVOA_N

ClientSampled :

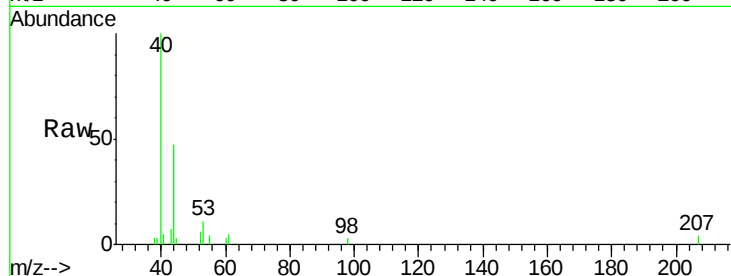
Tot Ion: 53 Resp: 995

Ion Ratio Lower Upper

53 100

52 12.8 66.4 99.6#

51 18.3 29.6 44.4#



Abundance Ion 53.00 (52.70 to 53.70): VN054231.D (-1005) (-)

Ion 52.00 (51.70 to 52.70): VN054231.D (-1005) (-)

Ion 51.00 (50.70 to 51.70): VN054231.D (-1005) (-)

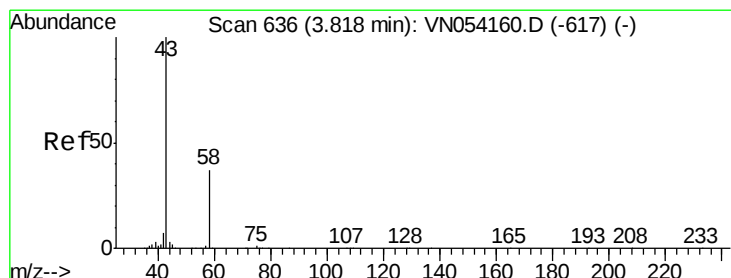
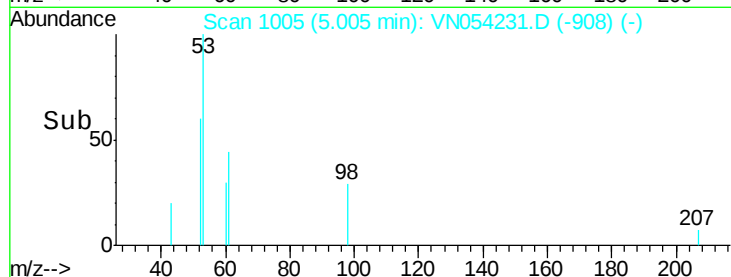
5.00

400

200

0

Time-->



#16

Acetone

Concen: 8.038 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054231.D

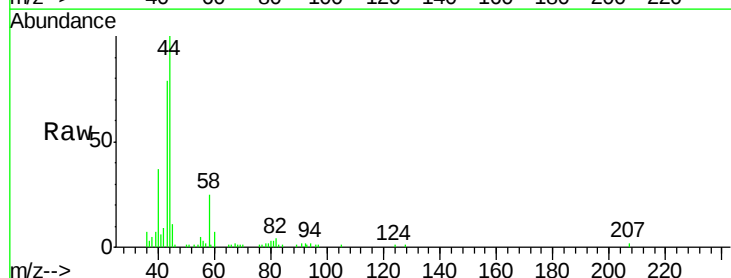
Acq: 14 Mar 2019 00:27

Tgt Ion: 43 Resp: 33398

Ion Ratio Lower Upper

43 100

58 35.4 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN054231.D (-637) (-)

Ion 58.00 (57.70 to 58.70): VN054231.D (-637) (-)

3.82

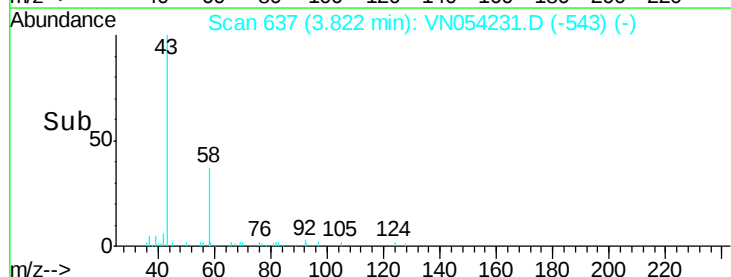
15000

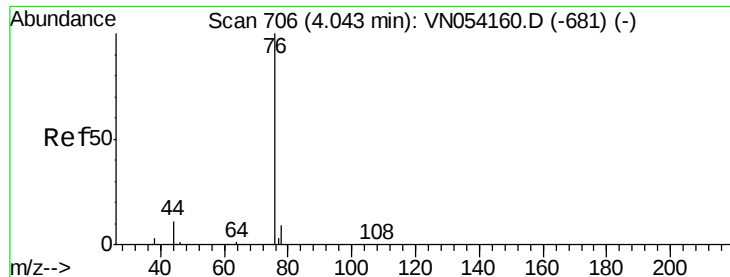
10000

5000

0

Time-->

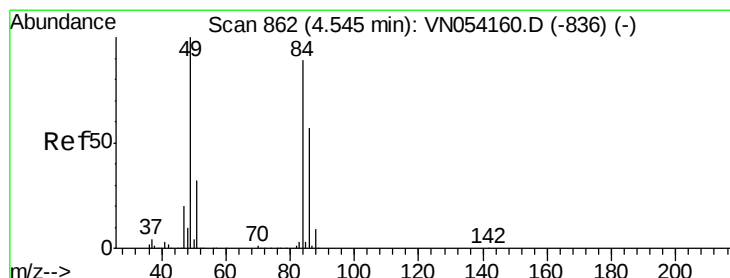
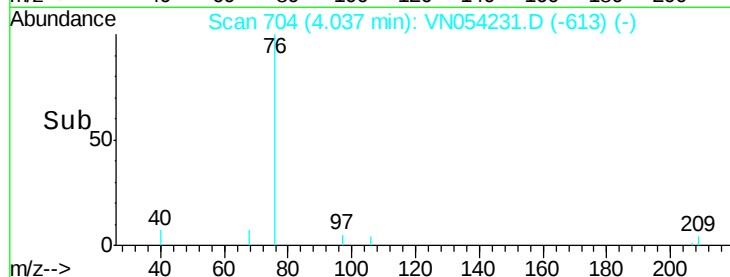
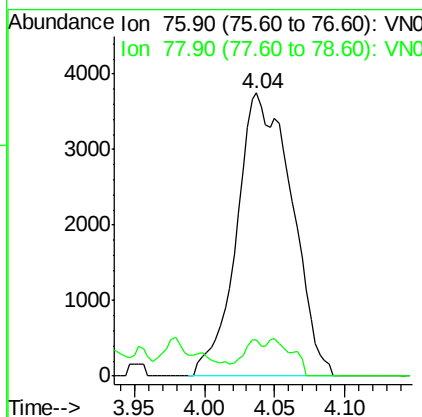
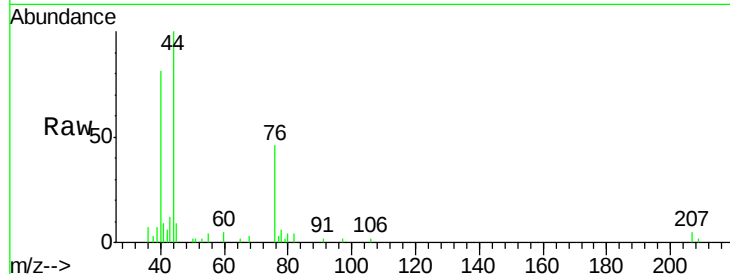




#17
Carbon Disulfide
Concen: 0.287 ug/l
RT: 4.04 min Scan# 704
Delta R.T. -0.01 min
Lab File: VN054231.D
Acq: 14 Mar 2019 00:27

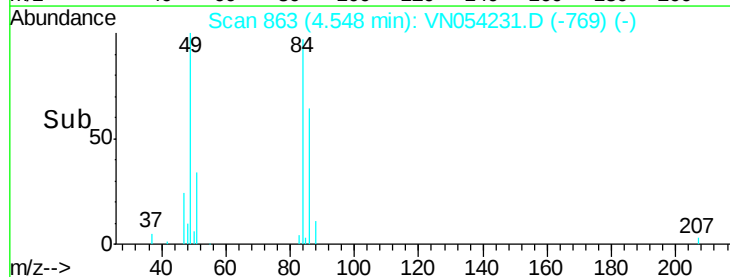
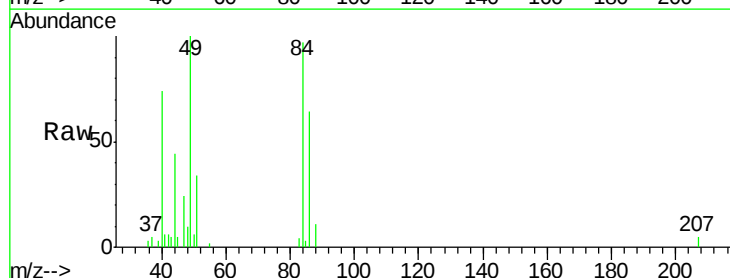
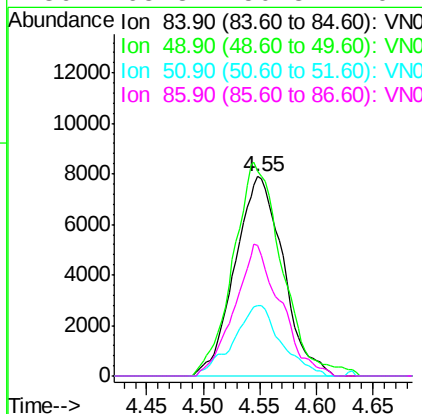
Instrument :
MSVOA_N
ClientSampleId :

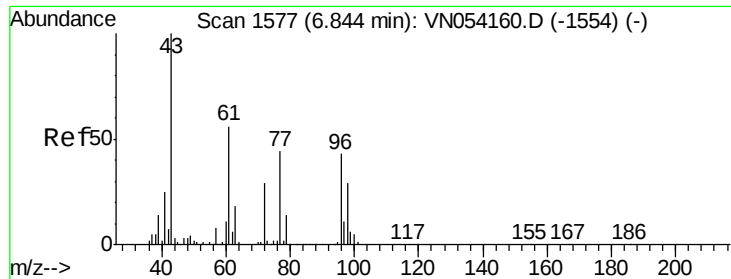
Tot Ion: 76 Resp: 10229
Ion Ratio Lower Upper
76 100
78 12.8 7.5 11.3#



#20
Methylene Chloride
Concen: 1.711 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054231.D
Acq: 14 Mar 2019 00:27

Tgt Ion: 84 Resp: 23347
Ion Ratio Lower Upper
84 100
49 103.2 89.7 134.5
51 35.2 28.2 42.4
86 65.8 50.8 76.2

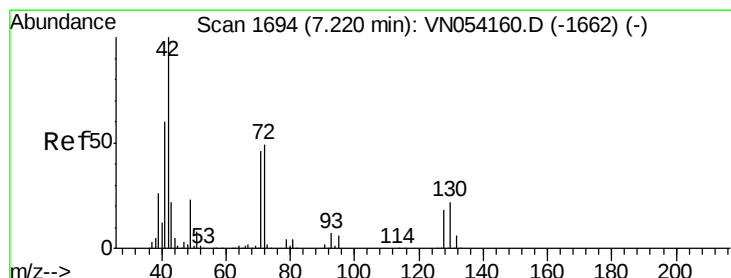
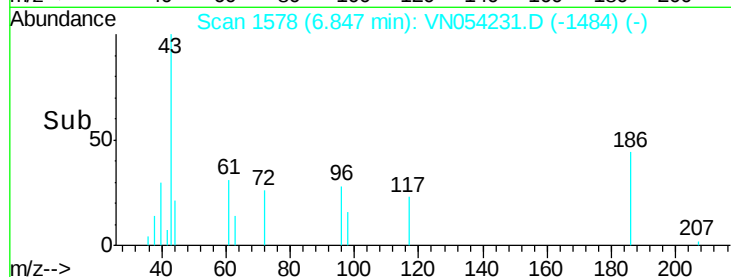
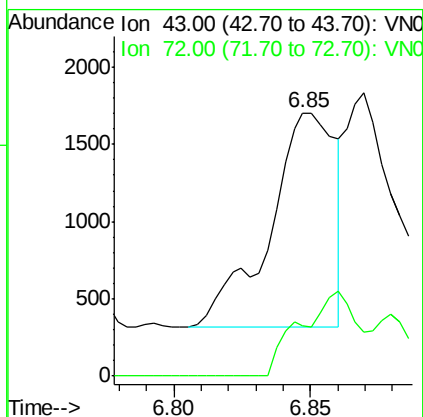
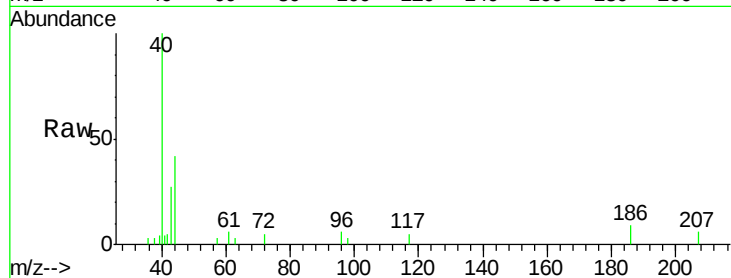




#25
2-Butanone
Concen: 0.477 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VN054231.D
Acq: 14 Mar 2019 00:27

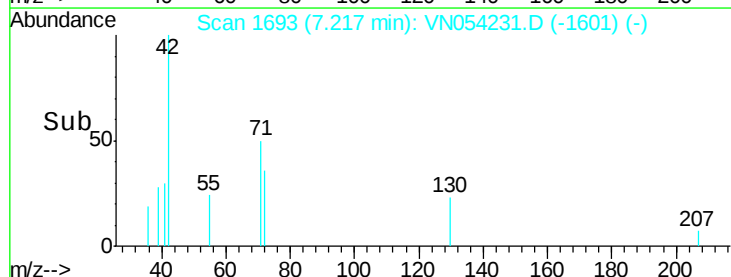
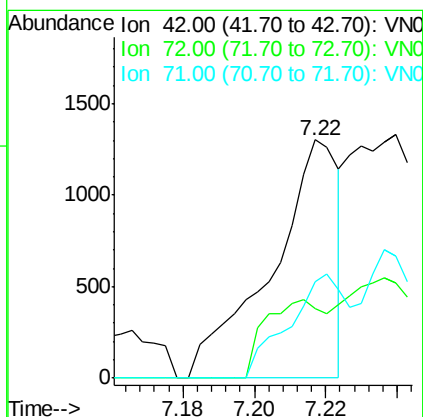
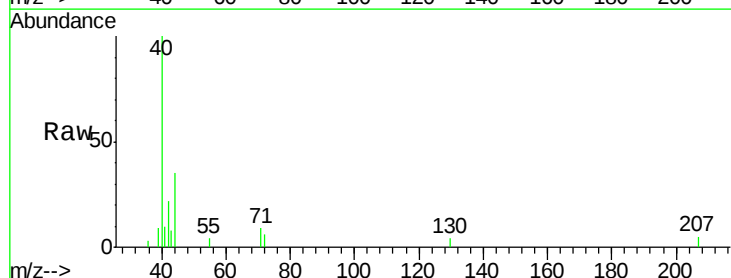
Instrument :
MSVOA_N
ClientSampled :

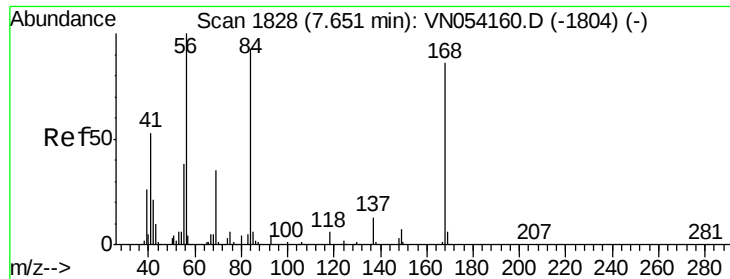
Tot Ion: 43 Resp: 2325
Ion Ratio Lower Upper
43 100
72 23.8 23.0 34.6



#29
Tetrahydrofuran
Concen: 0.540 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. -0.00 min
Lab File: VN054231.D
Acq: 14 Mar 2019 00:27

Tgt Ion: 42 Resp: 1694
Ion Ratio Lower Upper
42 100
72 29.0 37.8 56.6#
71 37.4 36.2 54.2





#31

Cyclohexane

Concen: Below Cal

RT: 7.67 min Scan# 1833

Delta R.T. 0.02 min

Lab File: VN054231.D

Acq: 14 Mar 2019 00:27

Instrument :

MSVOA_N

ClientSampled :

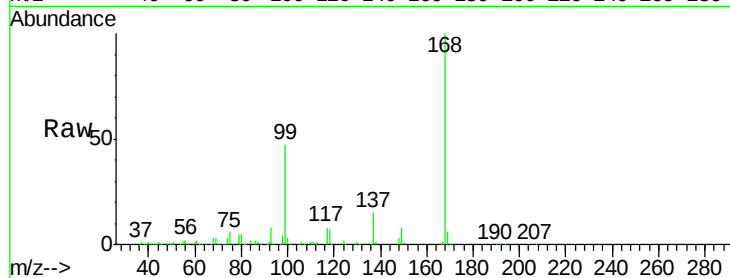
Tot Ion: 56 Resp: 22420

Ion Ratio Lower Upper

56 100

69 183.6 27.8 41.6#

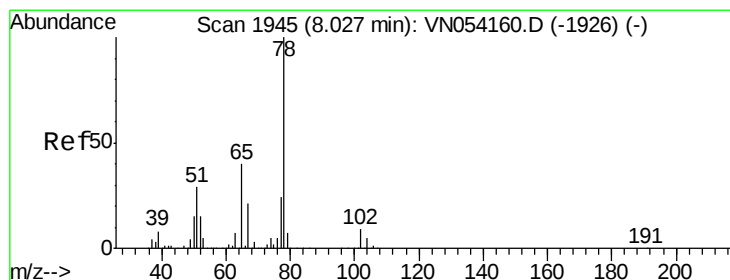
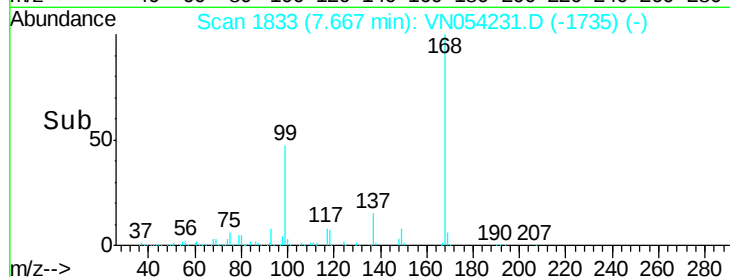
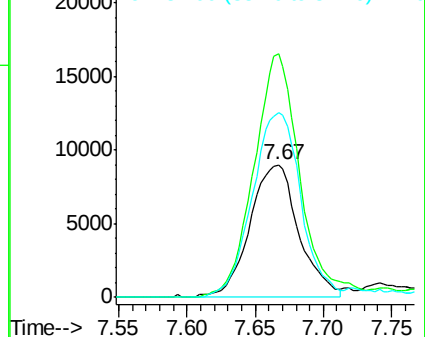
84 139.6 74.6 111.8#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 50.880 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054231.D

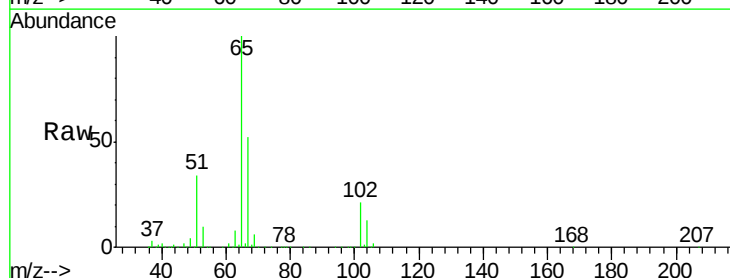
Acq: 14 Mar 2019 00:27

Tgt Ion: 65 Resp: 738316

Ion Ratio Lower Upper

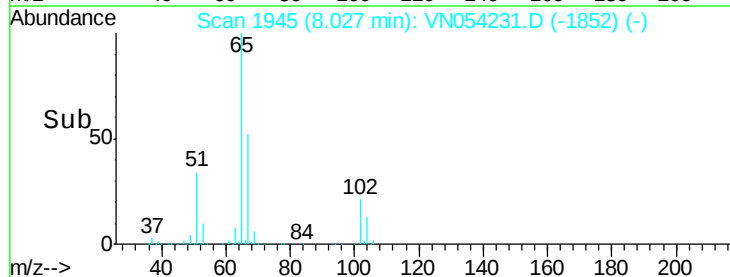
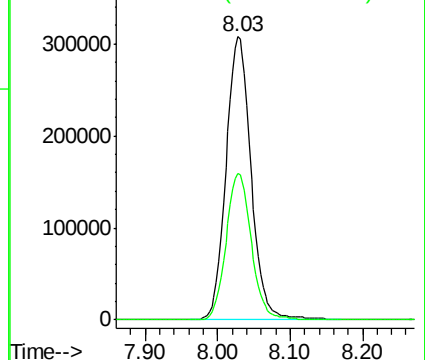
65 100

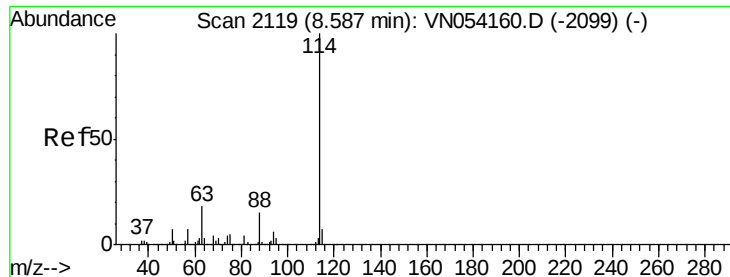
67 52.1 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

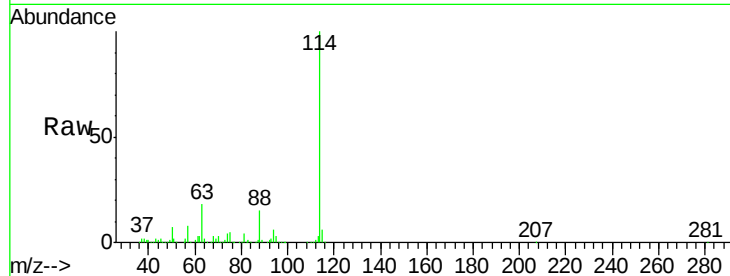




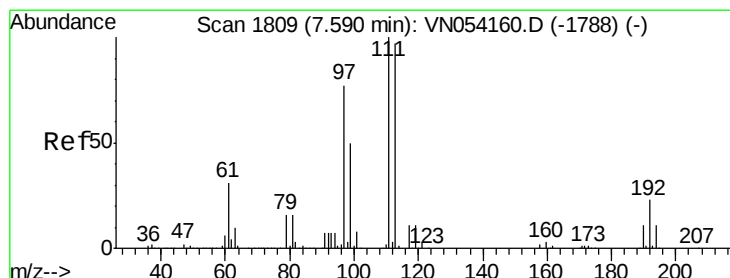
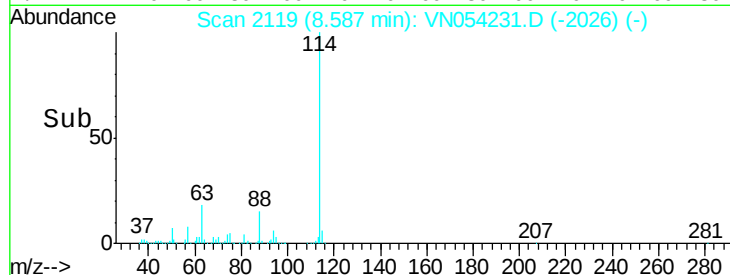
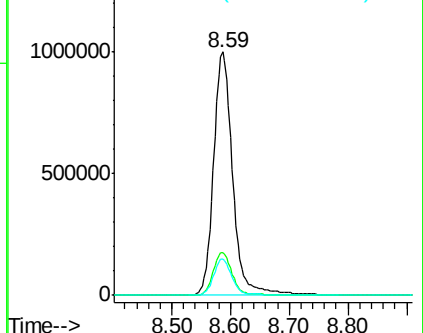
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054231.D
 Acq: 14 Mar 2019 00:27

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:114 Resp: 2253249
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 35.2
 88 14.8 0.0 30.2

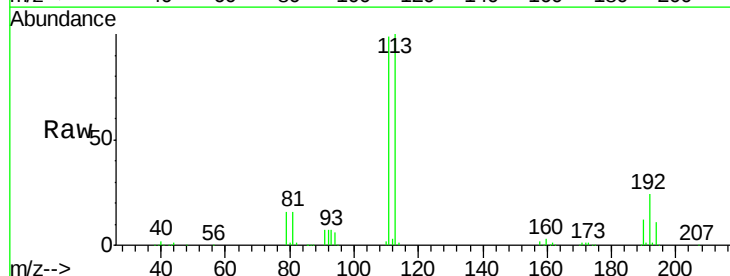


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

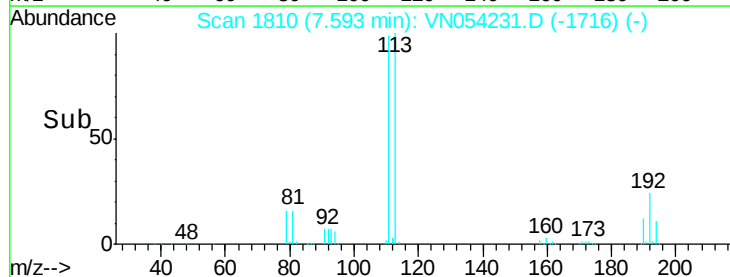
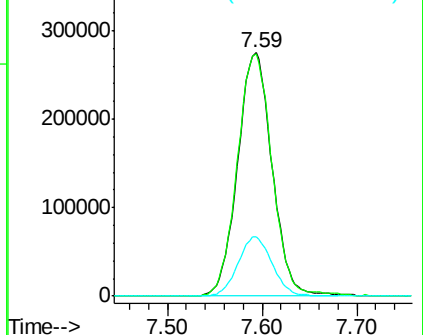


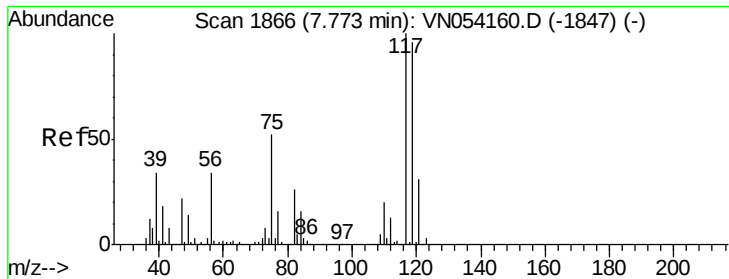
#35
 Dibromofluoromethane
 Concen: 47.902 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054231.D
 Acq: 14 Mar 2019 00:27

Tgt Ion:113 Resp: 696133
 Ion Ratio Lower Upper
 113 100
 111 100.8 82.2 123.4
 192 24.1 19.2 28.8



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

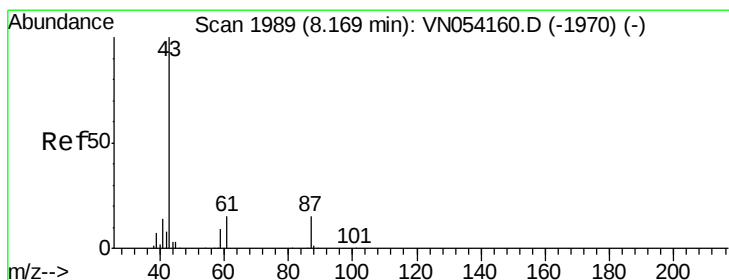
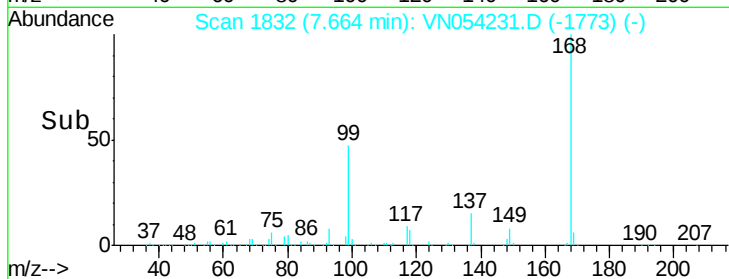
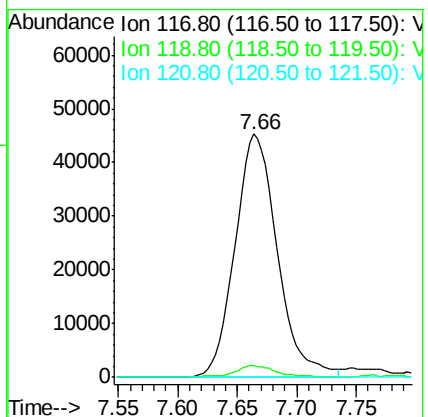
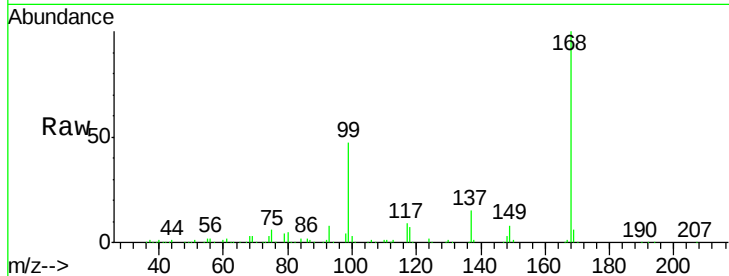




#38
Carbon Tetrachloride
Concen: 5.141 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN054231.D
Acq: 14 Mar 2019 00:27

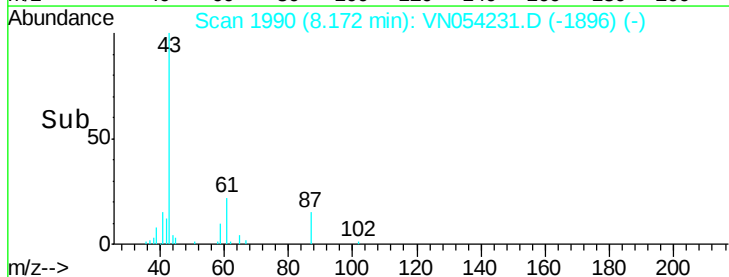
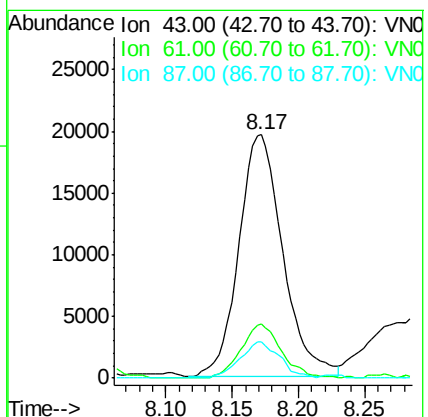
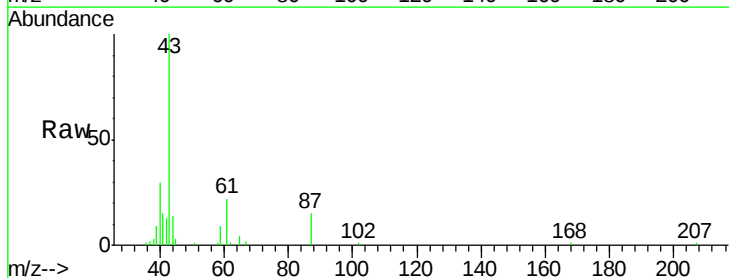
Instrument :
MSVOA_N
ClientSampleId :

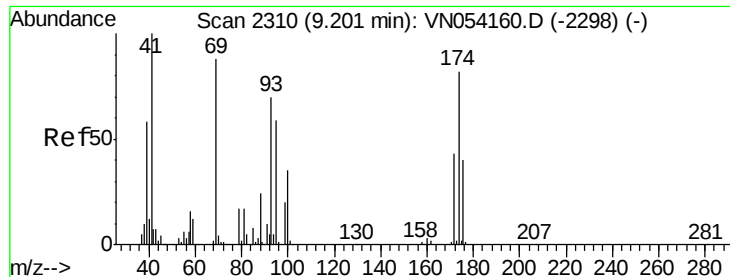
Tot Ion:117 Resp: 111874
Ion Ratio Lower Upper
117 100
119 4.9 76.3 114.5#
121 0.0 24.6 36.8#



#43
Isopropyl Acetate
Concen: 2.152 ug/l
RT: 8.17 min Scan# 1990
Delta R.T. 0.00 min
Lab File: VN054231.D
Acq: 14 Mar 2019 00:27

Tgt Ion: 43 Resp: 45030
Ion Ratio Lower Upper
43 100
61 20.5 15.8 23.8
87 13.7 12.0 18.0

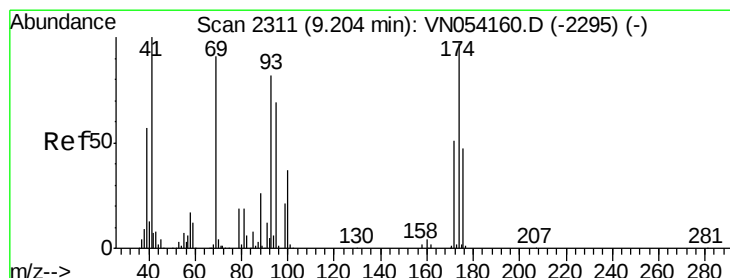
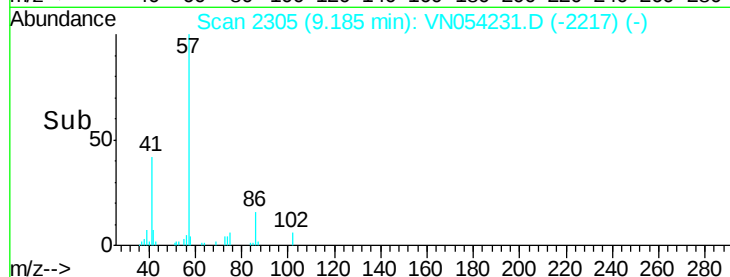
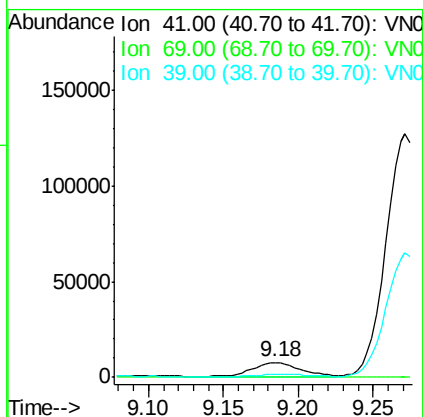
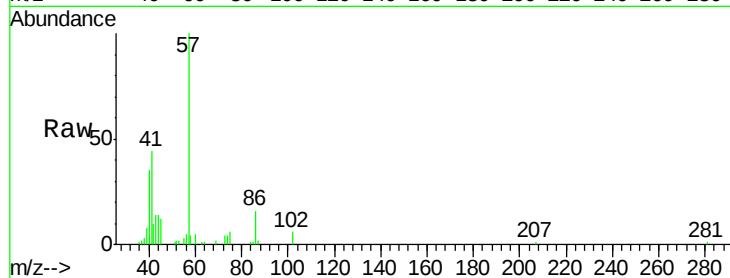




#48
Methvl methacrylate
Concen: 1.541 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.02 min
Lab File: VN054231.D
Acq: 14 Mar 2019 00:27

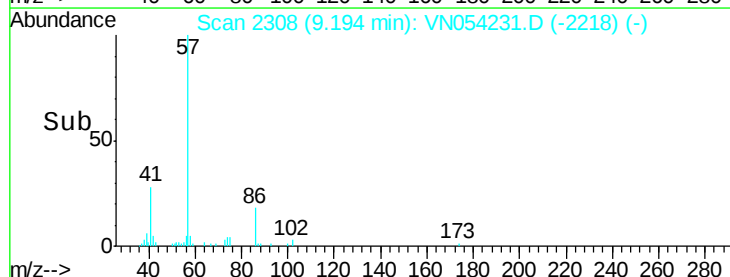
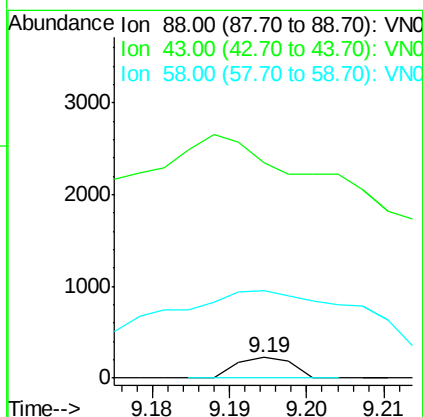
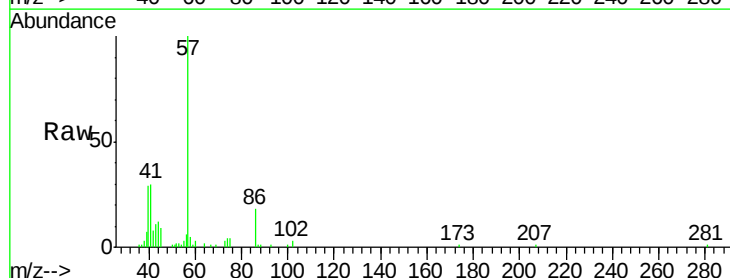
Instrument :
MSVOA_N
ClientSampled :

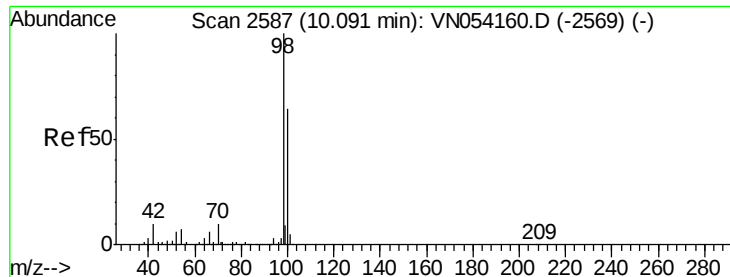
Tot Ion: 41 Resp: 16367
Ion Ratio Lower Upper
41 100
69 2.0 72.6 108.8#
39 0.0 47.5 71.3#



#49
1,4-Dioxane
Concen: 0.752 ug/l
RT: 9.19 min Scan# 2308
Delta R.T. -0.01 min
Lab File: VN054231.D
Acq: 14 Mar 2019 00:27

Tgt Ion: 88 Resp: 113
Ion Ratio Lower Upper
88 100
43 0.0 24.1 36.1#
58 1919.5 50.8 76.2#





#50

Toluene-d8

Concen: 52.513 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054231.D

Acq: 14 Mar 2019 00:27

Instrument :

MSVOA_N

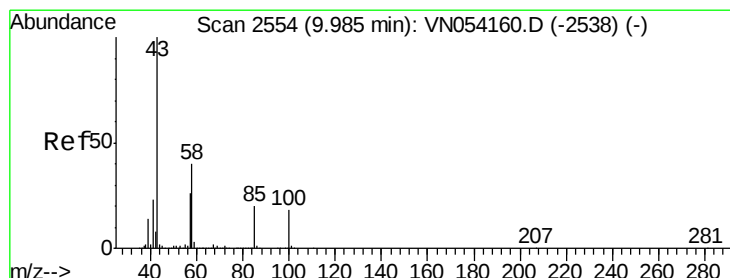
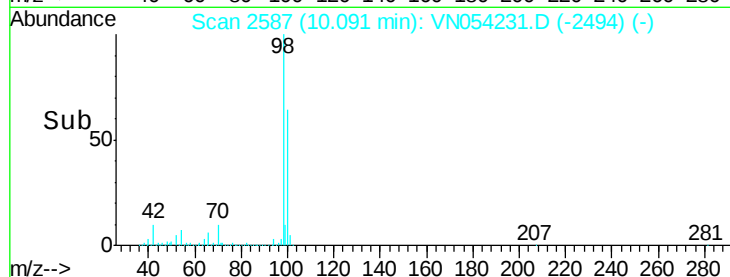
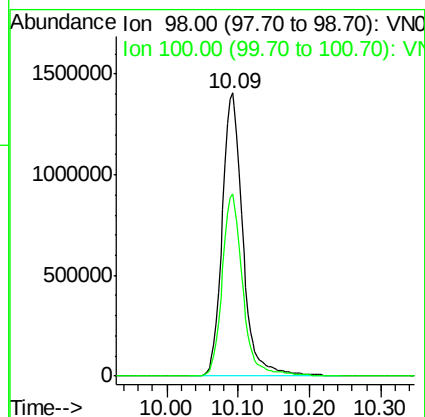
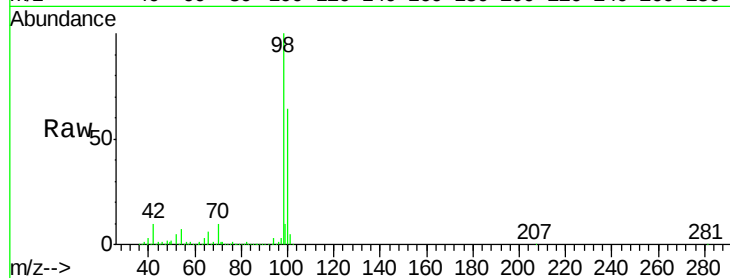
ClientSampleId :

Tot Ion: 98 Resp: 2818397

Ion Ratio Lower Upper

98 100

100 64.3 51.2 76.8



#51

4-Methyl-2-Pentanone

Concen: 1.431 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN054231.D

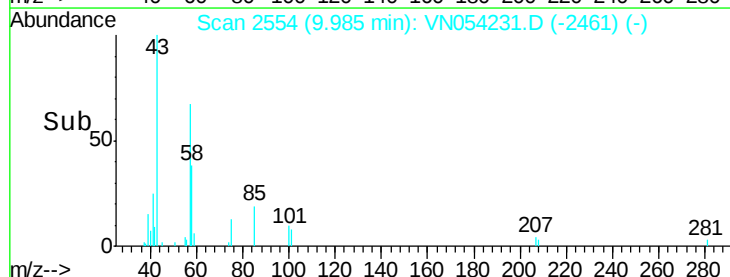
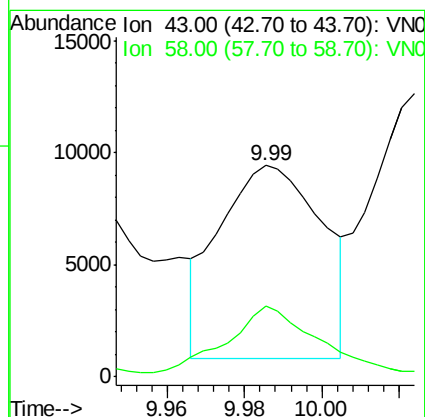
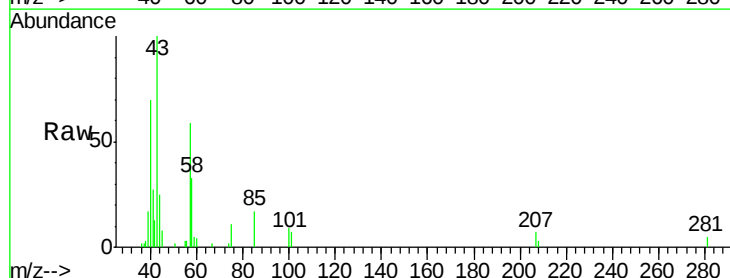
Acq: 14 Mar 2019 00:27

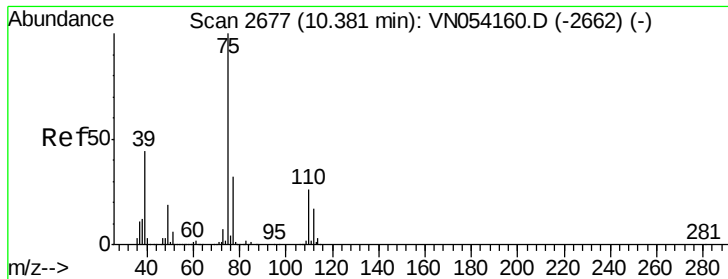
Tgt Ion: 43 Resp: 15853

Ion Ratio Lower Upper

43 100

58 34.9 31.8 47.6





#53

t-1,3-Dichloropropene

Concen: 2.048 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN054231.D

Acq: 14 Mar 2019 00:27

Instrument :

MSVOA_N

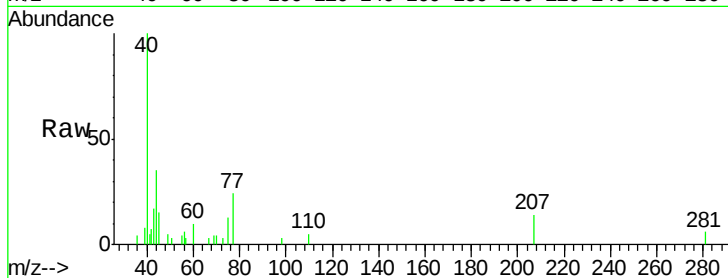
ClientSampled :

Tot Ion: 75 Resp: 1470

Ion Ratio Lower Upper

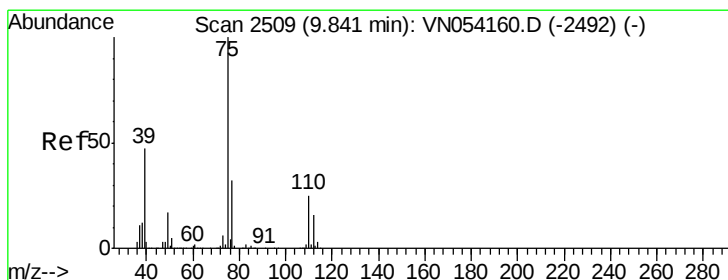
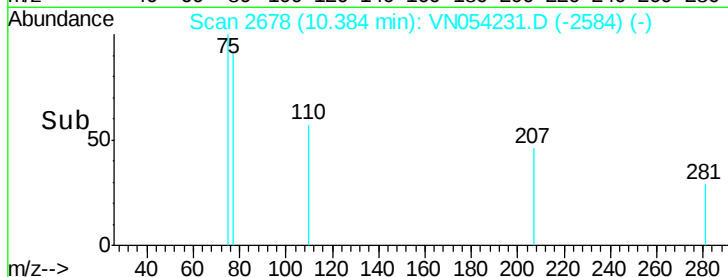
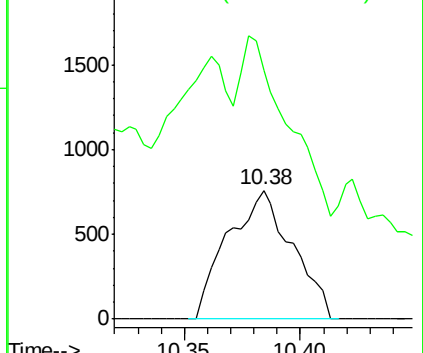
75 100

77 104.7 25.8 38.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 5.935 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN054231.D

Acq: 14 Mar 2019 00:27

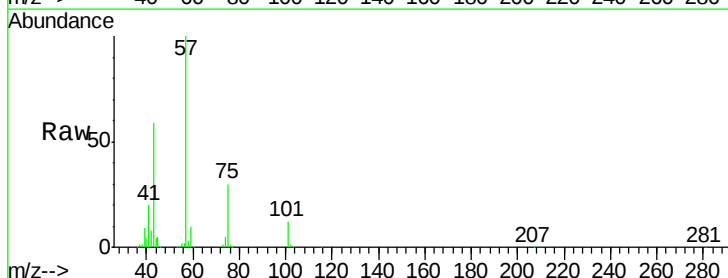
Tgt Ion: 75 Resp: 138135

Ion Ratio Lower Upper

75 100

77 0.5 25.4 38.0#

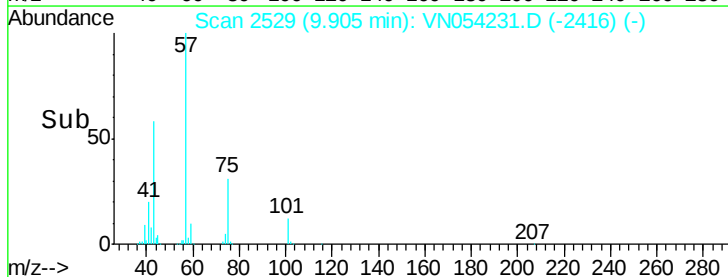
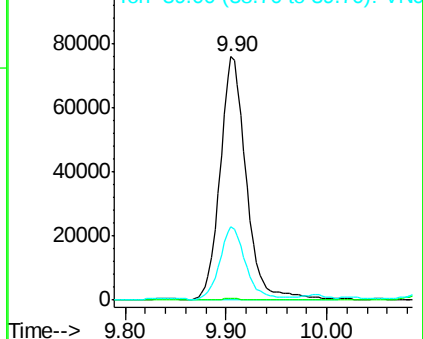
39 29.6 37.2 55.8#

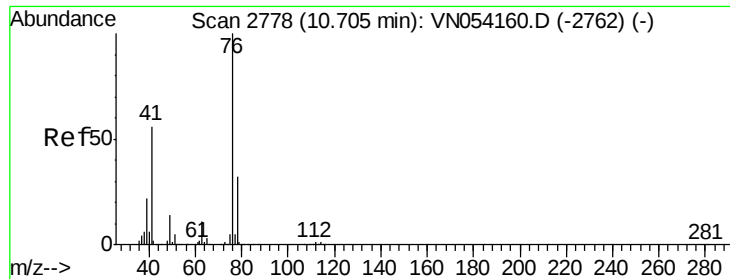


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 1.018 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.06 min

Lab File: VN054231.D

Acq: 14 Mar 2019 00:27

Instrument :

MSVOA_N

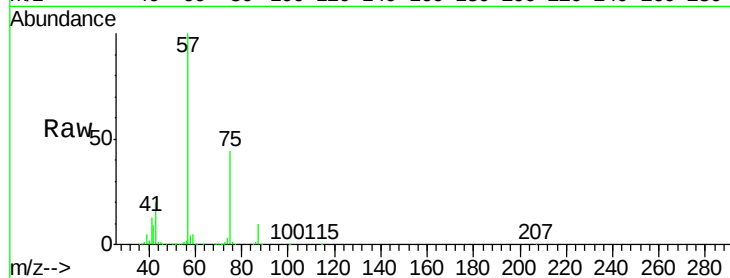
ClientSampled :

Tot Ion: 76 Resp: 22892

Ion Ratio Lower Upper

76 100

78 0.3 25.7 38.5#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.77

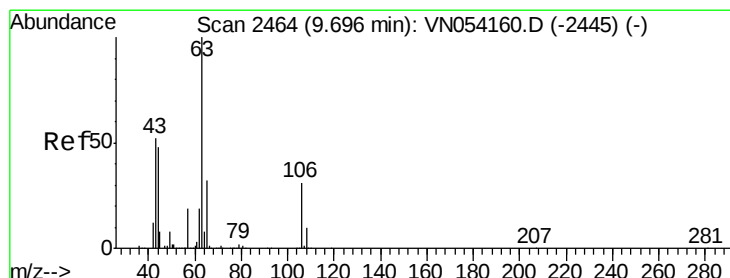
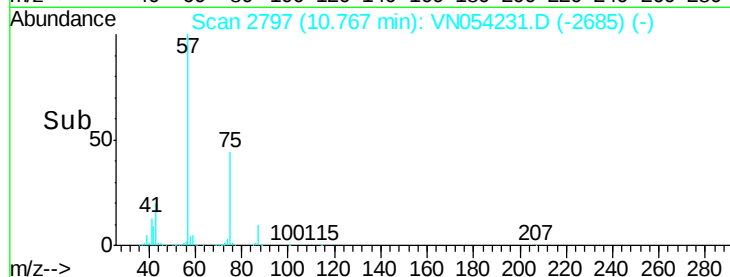
15000

10000

5000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 16.903 ug/l

RT: 9.70 min Scan# 2466

Delta R.T. 0.01 min

Lab File: VN054231.D

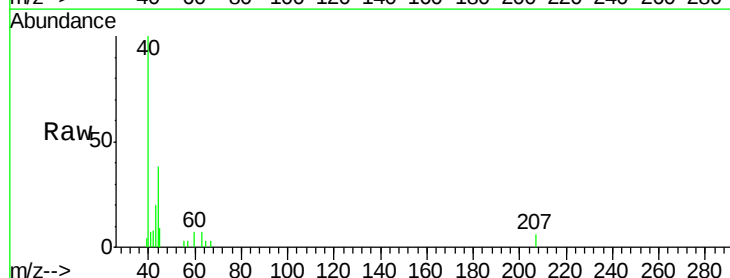
Acq: 14 Mar 2019 00:27

Tgt Ion: 63 Resp: 575

Ion Ratio Lower Upper

63 100

106 0.0 24.4 36.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.70

400

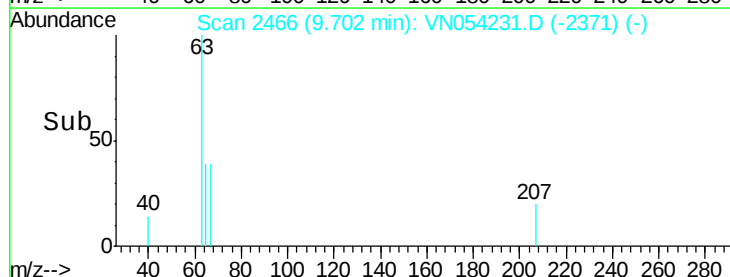
300

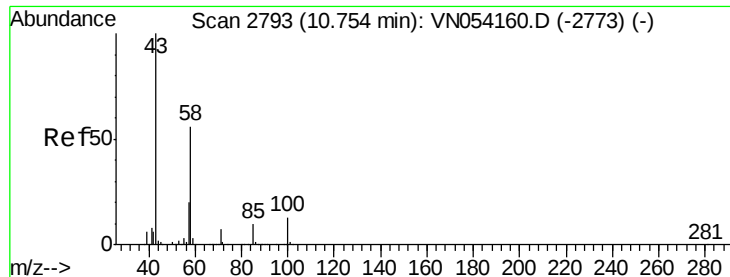
200

100

0

Time-->





#59

2-Hexanone

Concen: 44.293 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.01 min

Lab File: VN054231.D

Acq: 14 Mar 2019 00:27

Instrument :

MSVOA_N

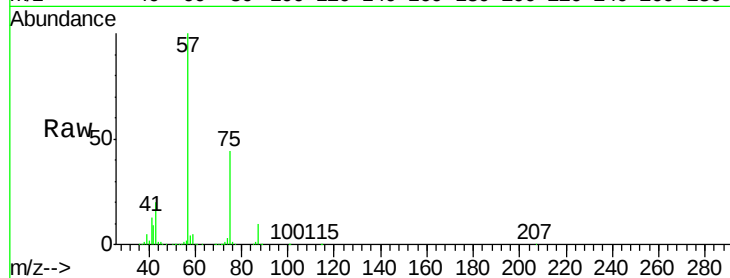
ClientSampled :

Tot Ion: 43 Resp: 326418

Ion Ratio Lower Upper

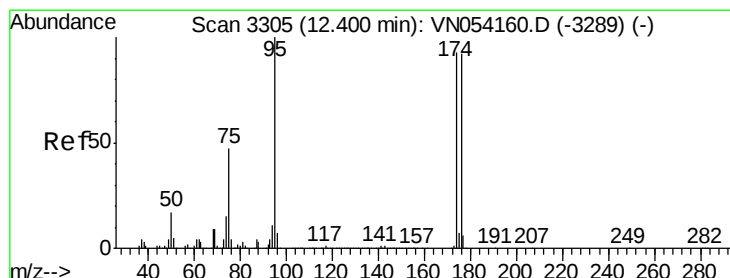
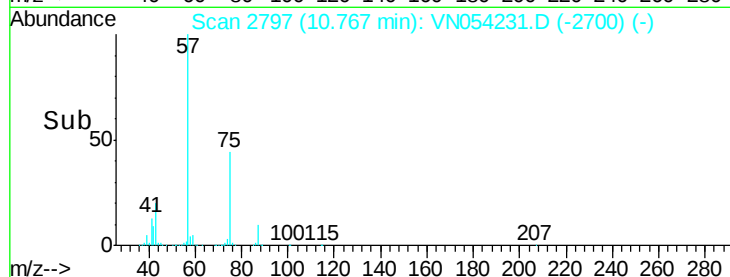
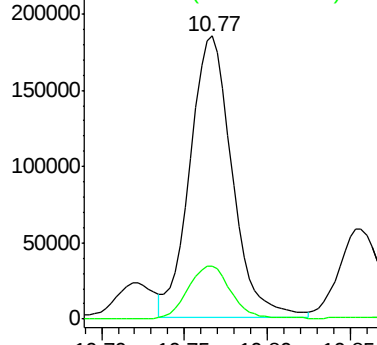
43 100

58 19.7 28.0 83.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#62

4-Bromofluorobenzene

Concen: 57.550 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054231.D

Acq: 14 Mar 2019 00:27

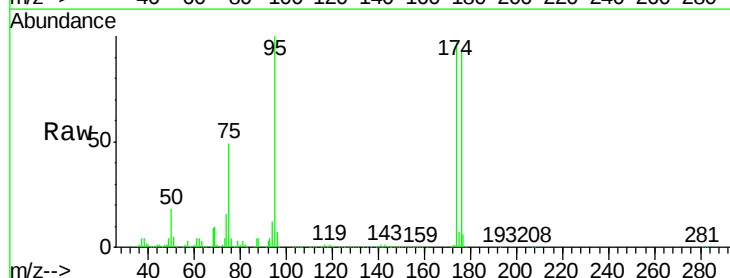
Tgt Ion: 95 Resp: 1080755

Ion Ratio Lower Upper

95 100

174 98.8 0.0 191.0

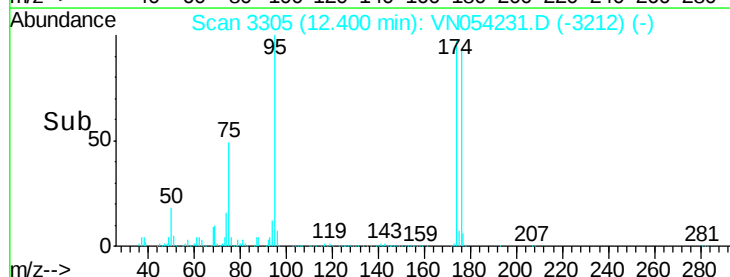
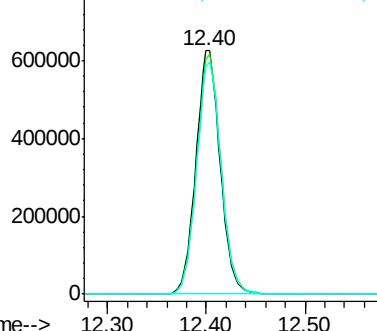
176 95.6 0.0 187.4

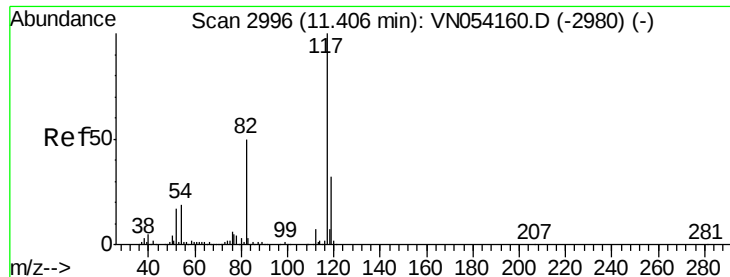


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

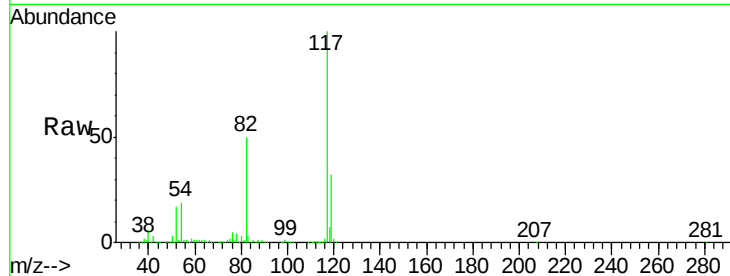




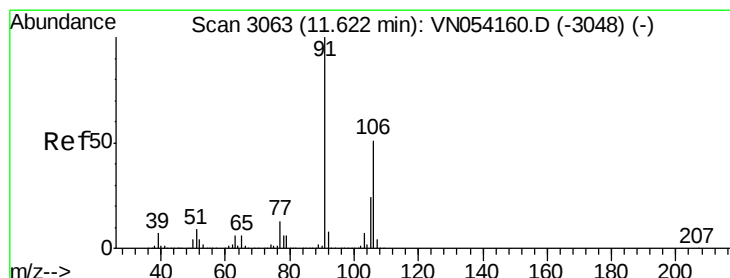
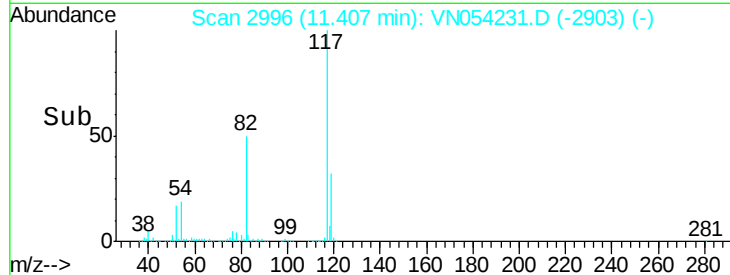
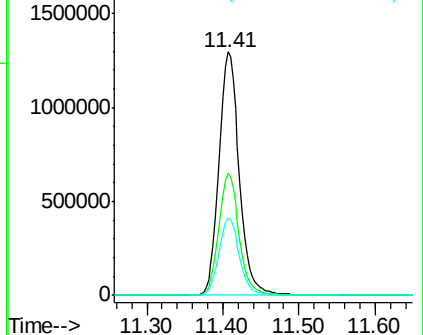
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054231.D
Acq: 14 Mar 2019 00:27

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 2400327
Ion Ratio Lower Upper
117 100
82 49.9 40.0 60.0
119 31.8 25.8 38.6

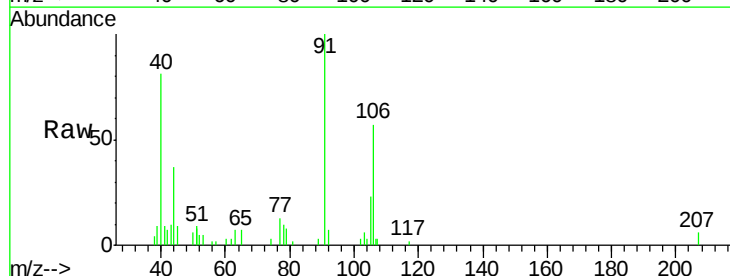


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

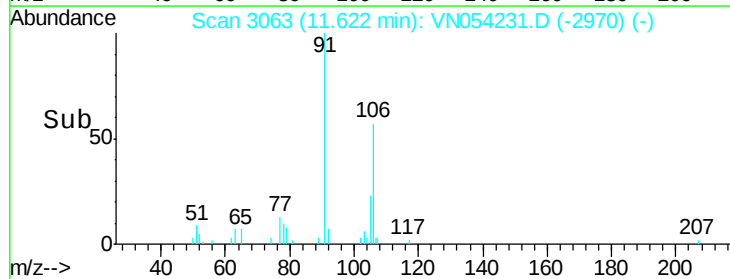
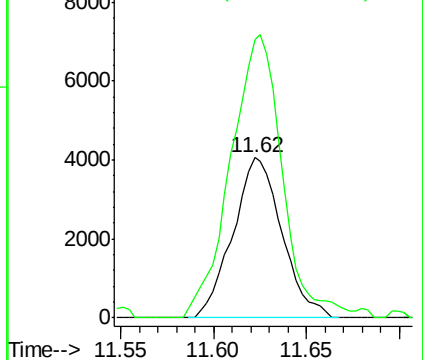


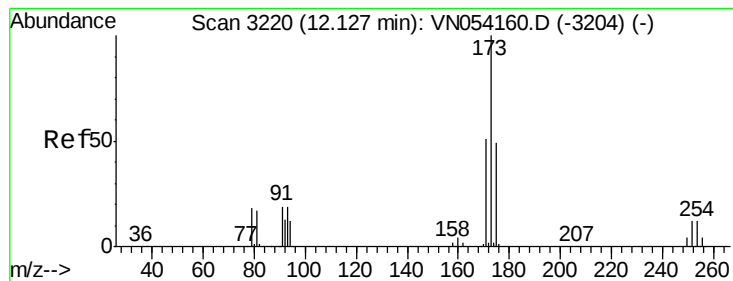
#68
m/p-Xylenes
Concen: 0.218 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN054231.D
Acq: 14 Mar 2019 00:27

Tgt Ion:106 Resp: 7449
Ion Ratio Lower Upper
106 100
91 185.7 159.4 239.2



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





#71

Bromoform

Concen: 2.367 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN054231.D

Acq: 14 Mar 2019 00:27

Instrument :

MSVOA_N

ClientSampleId :

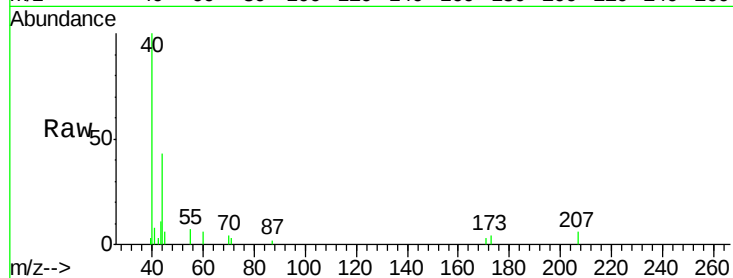
Tot Ion:173 Resp: 256

Ion Ratio Lower Upper

173 100

175 0.0 24.4 73.2#

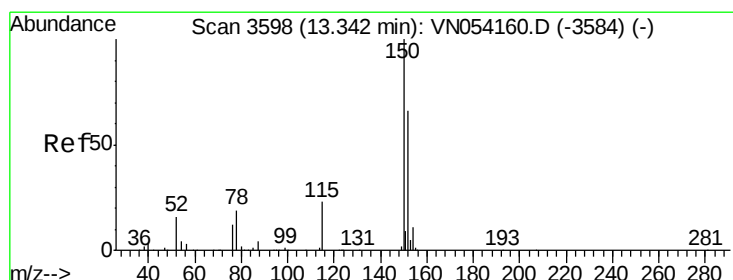
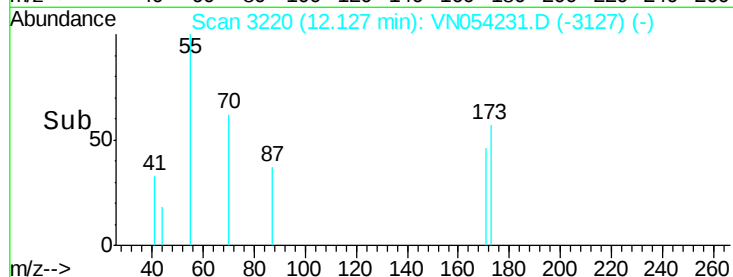
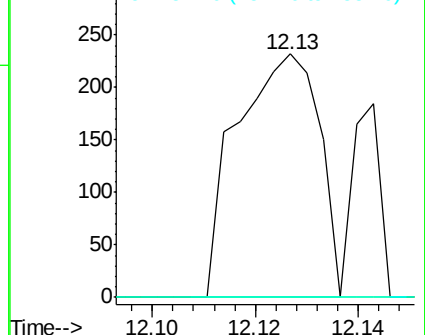
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054231.D

Acq: 14 Mar 2019 00:27

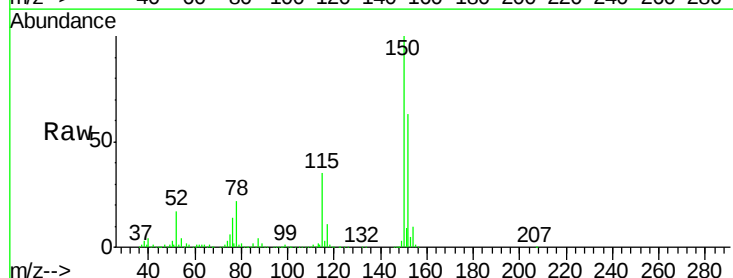
Tgt Ion:152 Resp: 1055654

Ion Ratio Lower Upper

152 100

115 54.2 27.2 81.6

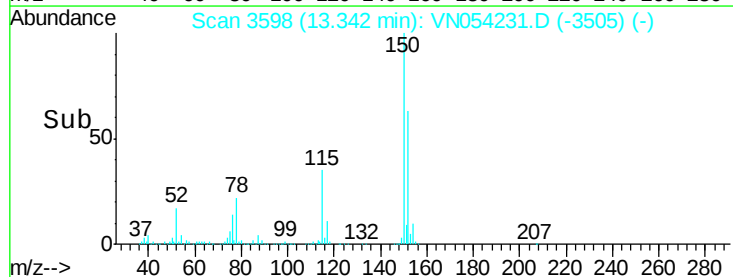
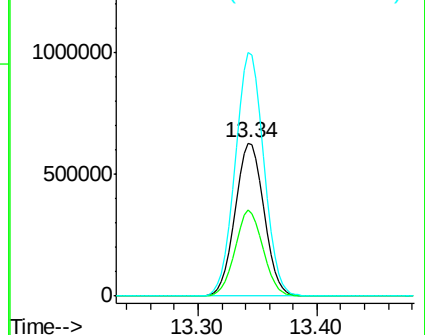
150 157.4 0.0 349.2

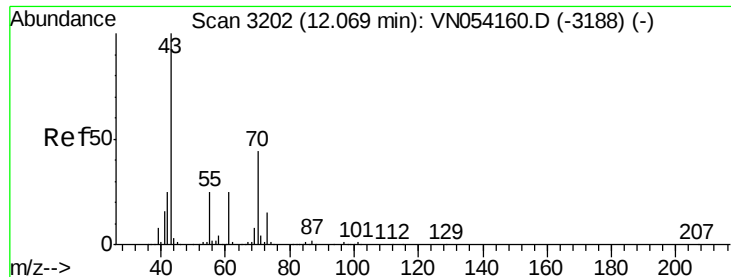


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 0.281 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN054231.D

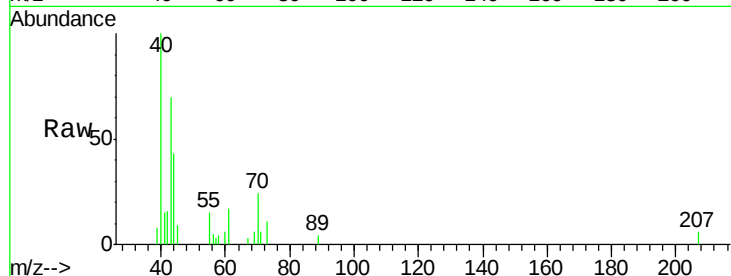
Acq: 14 Mar 2019 00:27

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:	43	Resp:	5271
Ion	Ratio	Lower	Upper
43	100		
70	47.1	35.4	53.0
55	17.3	19.8	29.6#
61	28.3	19.8	29.6

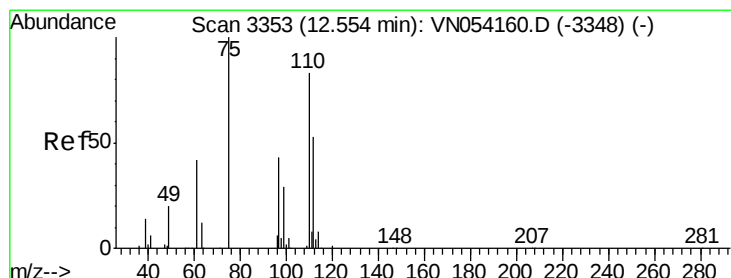
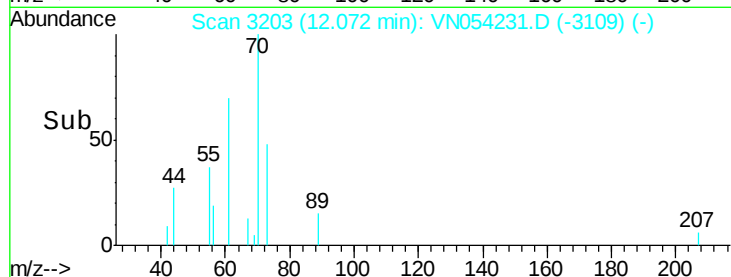
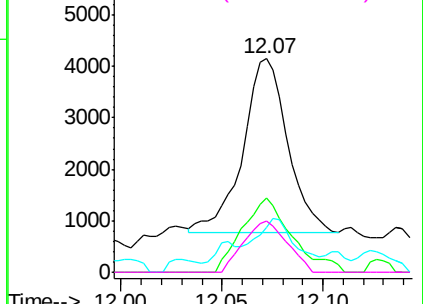


Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 70.00 (69.70 to 70.70): VNC

Ion 55.00 (54.70 to 55.70): VNC

Ion 61.00 (60.70 to 61.70): VNC



#76

1,2,3-Trichloropropane

Concen: 34.130 ug/l

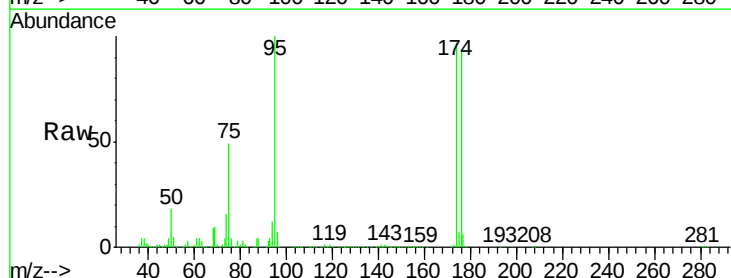
RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054231.D

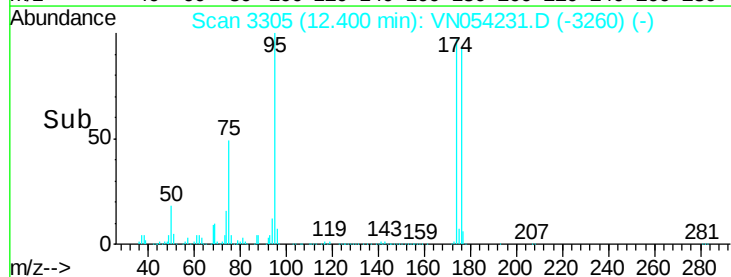
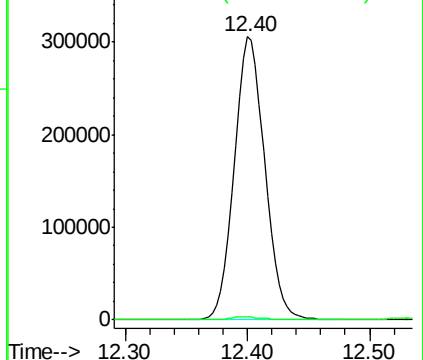
Acq: 14 Mar 2019 00:27

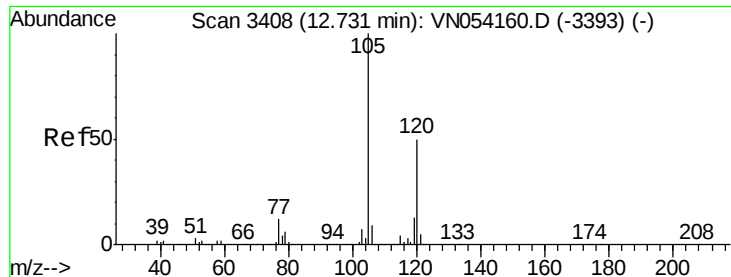
Tgt Ion:	75	Resp:	529831
Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 77.00 (76.70 to 77.70): VNC





#80

1,3,5-Trimethylbenzene

Concen: 0.280 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN054231.D

Acq: 14 Mar 2019 00:27

Instrument :

MSVOA_N

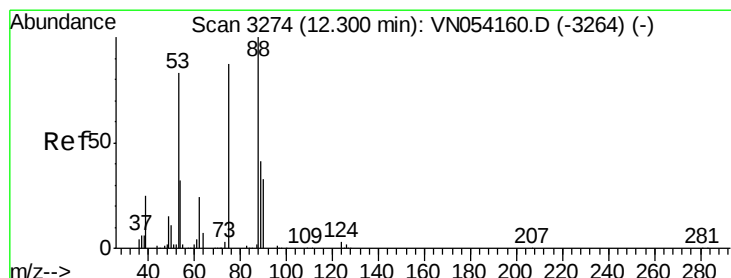
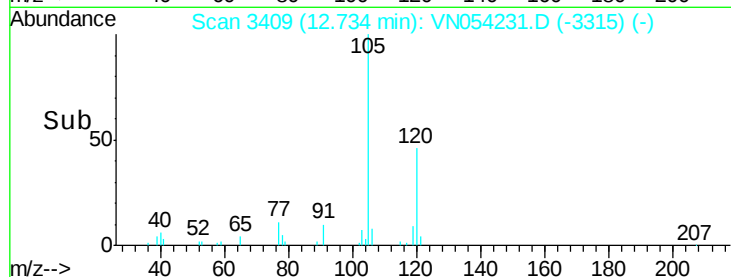
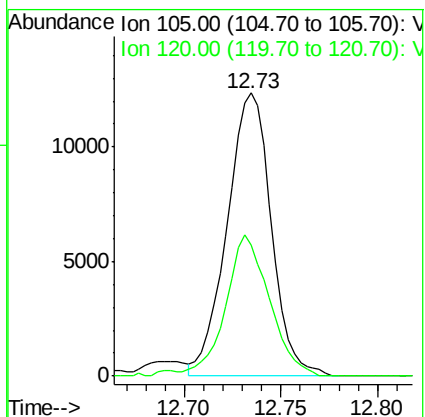
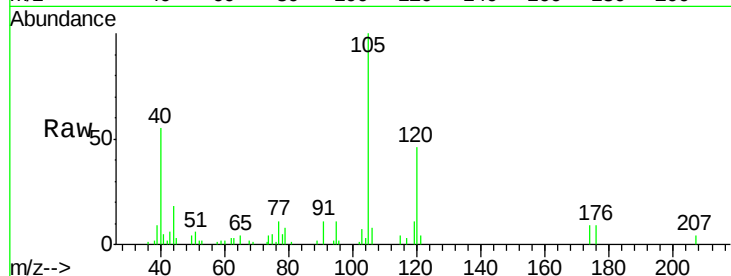
ClientSampleId :

Tot Ion:105 Resp: 19678

Ion Ratio Lower Upper

105 100

120 49.3 25.0 75.0



#81

trans-1,4-Dichloro-2-butene

Concen: 116.672 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054231.D

Acq: 14 Mar 2019 00:27

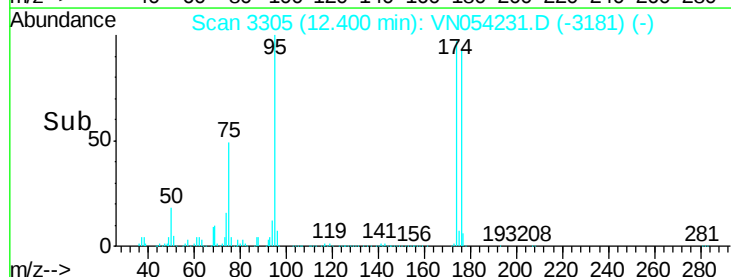
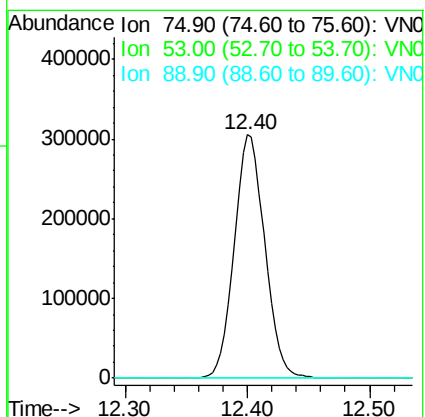
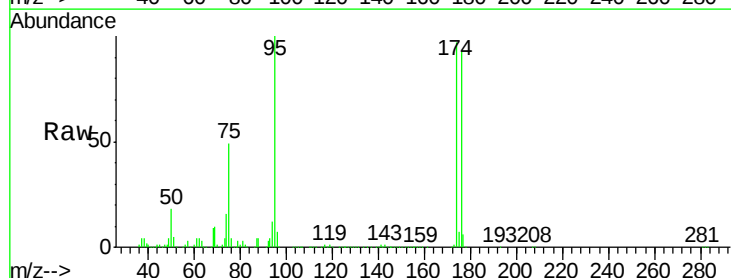
Tgt Ion: 75 Resp: 529831

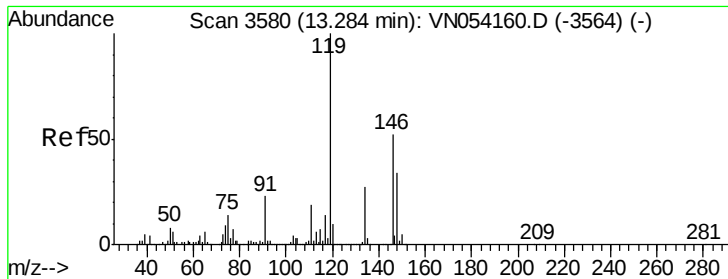
Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

89 0.0 39.2 58.8#





#87

1,3-Dichlorobenzene

Concen: 0.222 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN054231.D

Acq: 14 Mar 2019 00:27

Instrument :

MSVOA_N

ClientSampled :

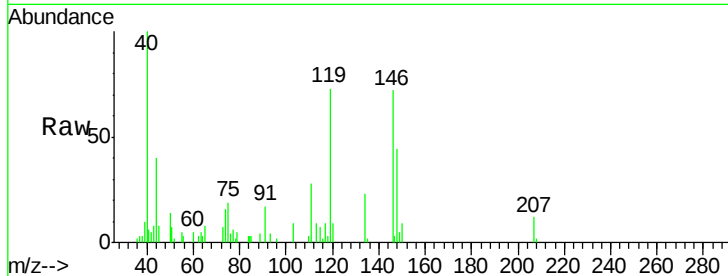
Tot Ion:146 Resp: 8352

Ion Ratio Lower Upper

146 100

111 40.6 18.8 56.3

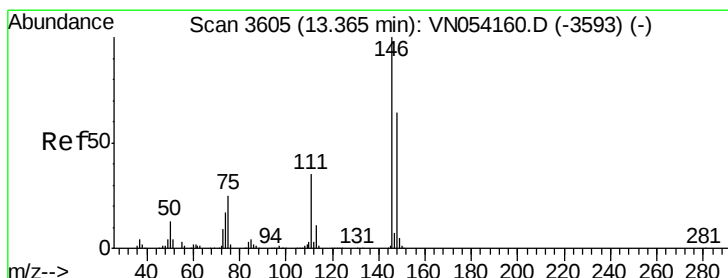
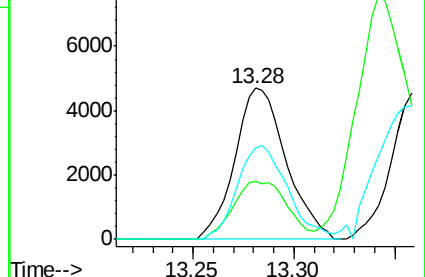
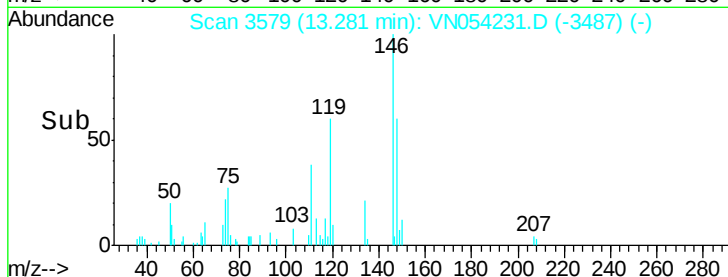
148 60.9 32.2 96.6



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: 0.226 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.08 min

Lab File: VN054231.D

Acq: 14 Mar 2019 00:27

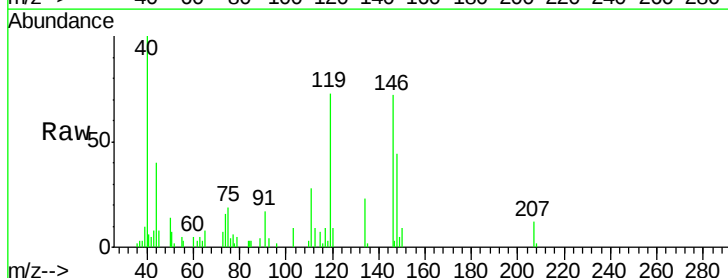
Tgt Ion:146 Resp: 8352

Ion Ratio Lower Upper

146 100

111 40.6 18.1 54.1

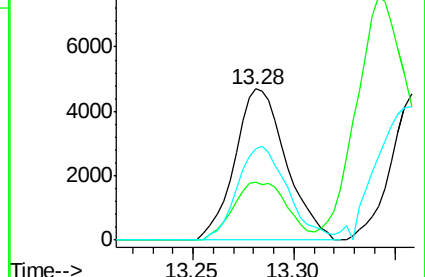
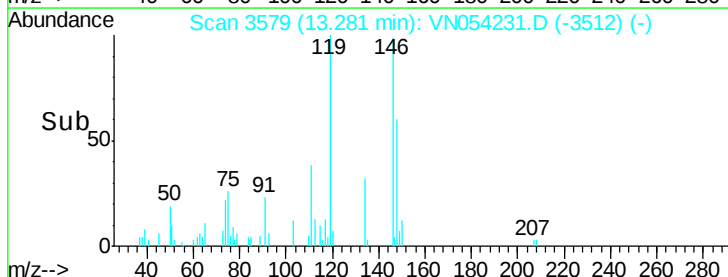
148 60.9 32.0 96.0

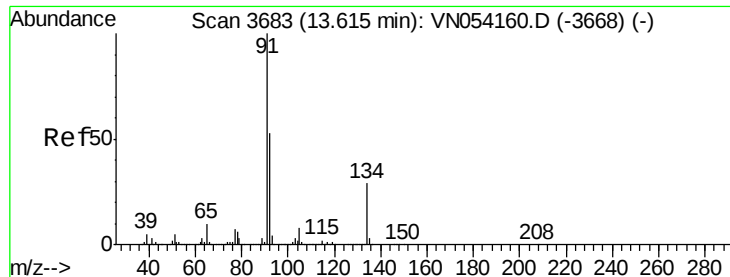


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

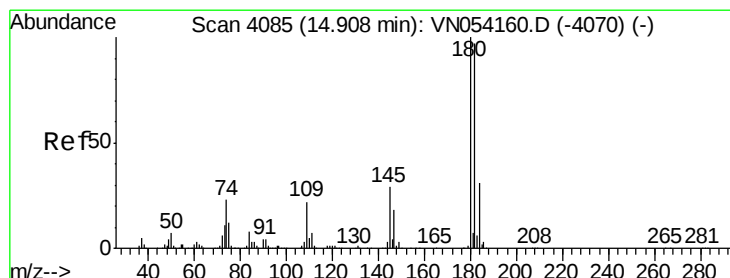
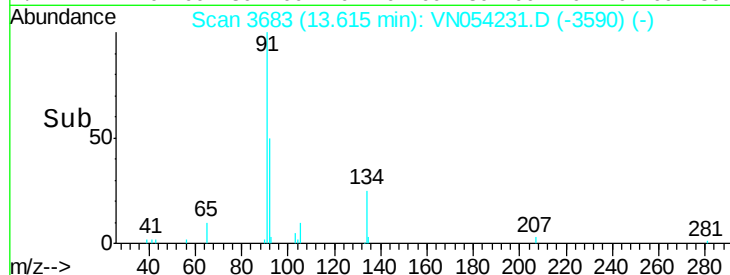
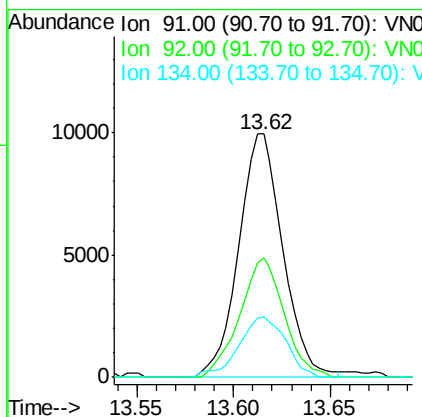
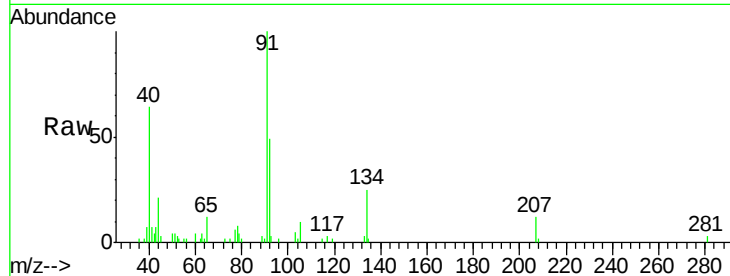




#89
n-Butylbenzene
Concen: 0.282 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN054231.D
Acq: 14 Mar 2019 00:27

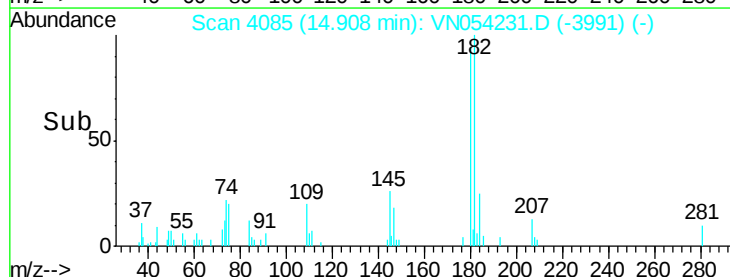
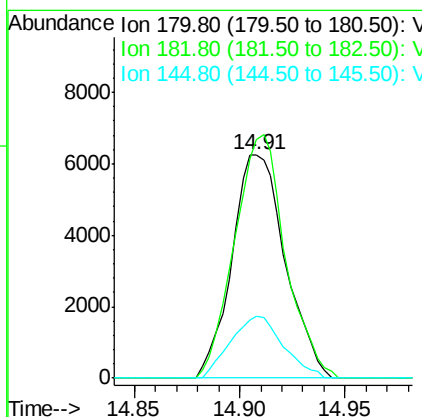
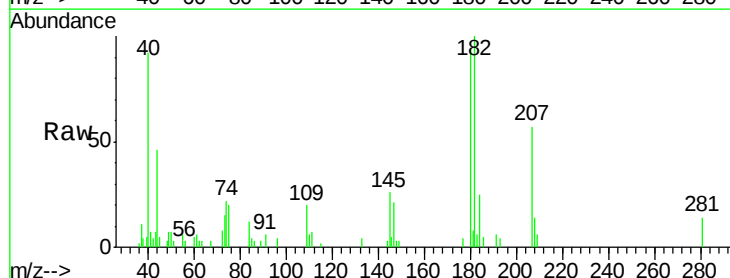
Instrument :
MSVOA_N
ClientSampled :

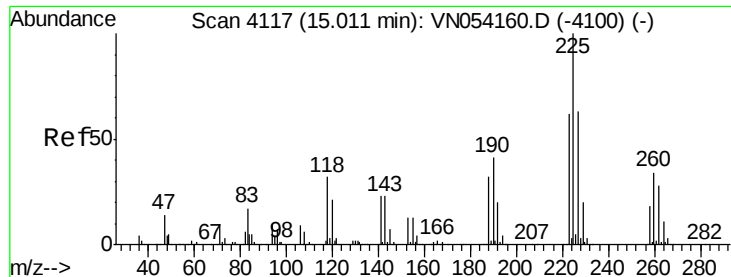
Tot Ion: 91 Resp: 15760
Ion Ratio Lower Upper
91 100
92 49.5 26.2 78.6
134 26.3 14.3 42.9



#93
1,2,4-Trichlorobenzene
Concen: 2.986 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN054231.D
Acq: 14 Mar 2019 00:27

Tgt Ion: 180 Resp: 10978
Ion Ratio Lower Upper
180 100
182 104.2 48.0 144.2
145 27.3 14.2 42.8





#94

Hexachlorobutadiene

Concen: 0.345 ug/l

RT: 15.00 min Scan# 4115

Delta R.T. -0.01 min

Lab File: VN054231.D

Acq: 14 Mar 2019 00:27

Instrument :

MSVOA_N

ClientSampleId :

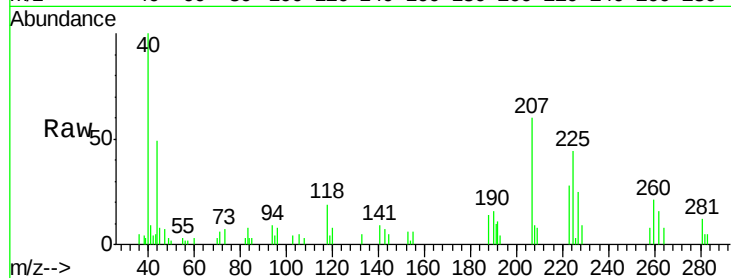
Tot Ion:225 Resp: 4841

Ion Ratio Lower Upper

225 100

223 73.0 31.1 93.5

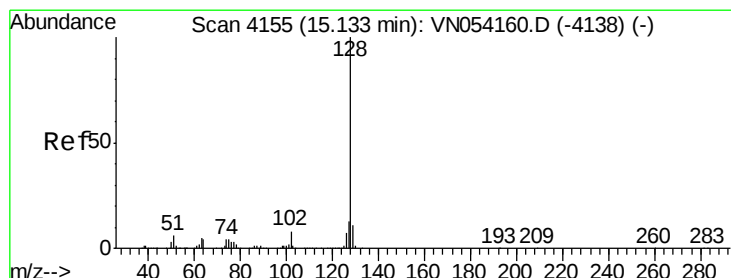
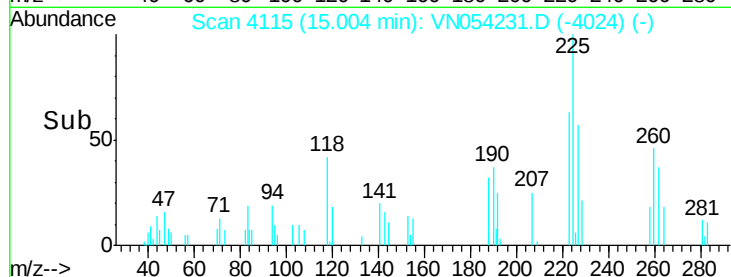
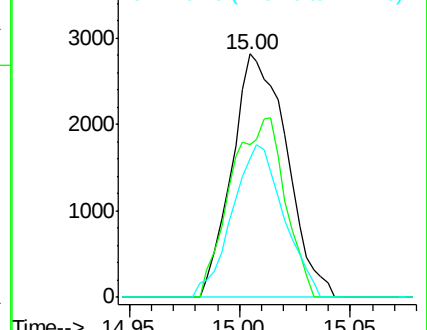
227 59.1 31.9 95.9



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: 4.178 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054231.D

Acq: 14 Mar 2019 00:27

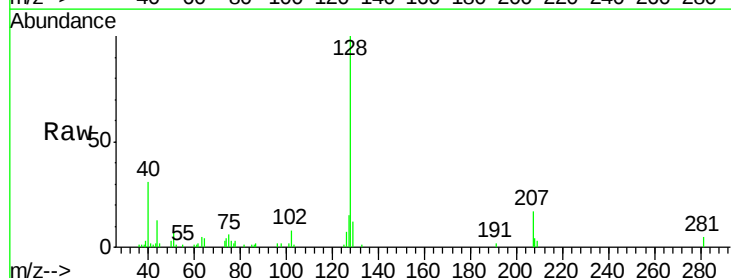
Tgt Ion:128 Resp: 35241

Ion Ratio Lower Upper

128 100

127 13.2 10.1 15.1

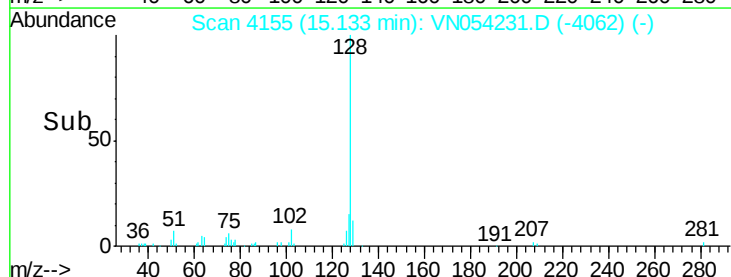
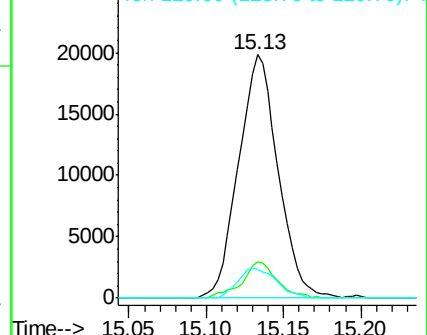
129 11.9 8.7 13.1

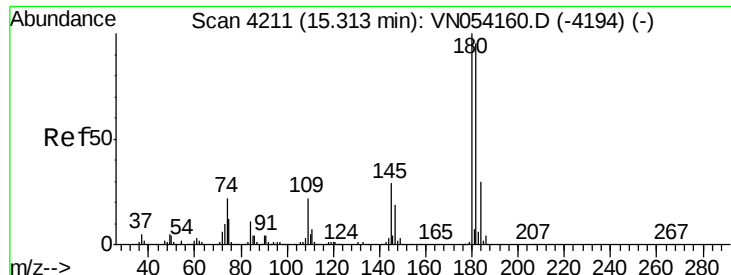


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 0.625 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. 0.00 min
 Lab File: VN054231.D
 Acq: 14 Mar 2019 00:27

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
180	100			
182	94.5	47.5	142.6	
145	27.5	14.8	44.3	

