

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032519\
 Data File : VN054670.D
 Acq On : 25 Mar 2019 14:07
 Operator : JC/SP
 Sample : K2050-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CS-4

Quant Time: Mar 26 01:25:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	570848	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	886868	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	766002	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	276667	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	376537	53.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.06%	
35) Dibromofluoromethane	7.59	113	294299	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	
50) Toluene-d8	10.09	98	1110861	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	
62) 4-Bromofluorobenzene	12.40	95	328357	44.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.84%	

Target Compounds

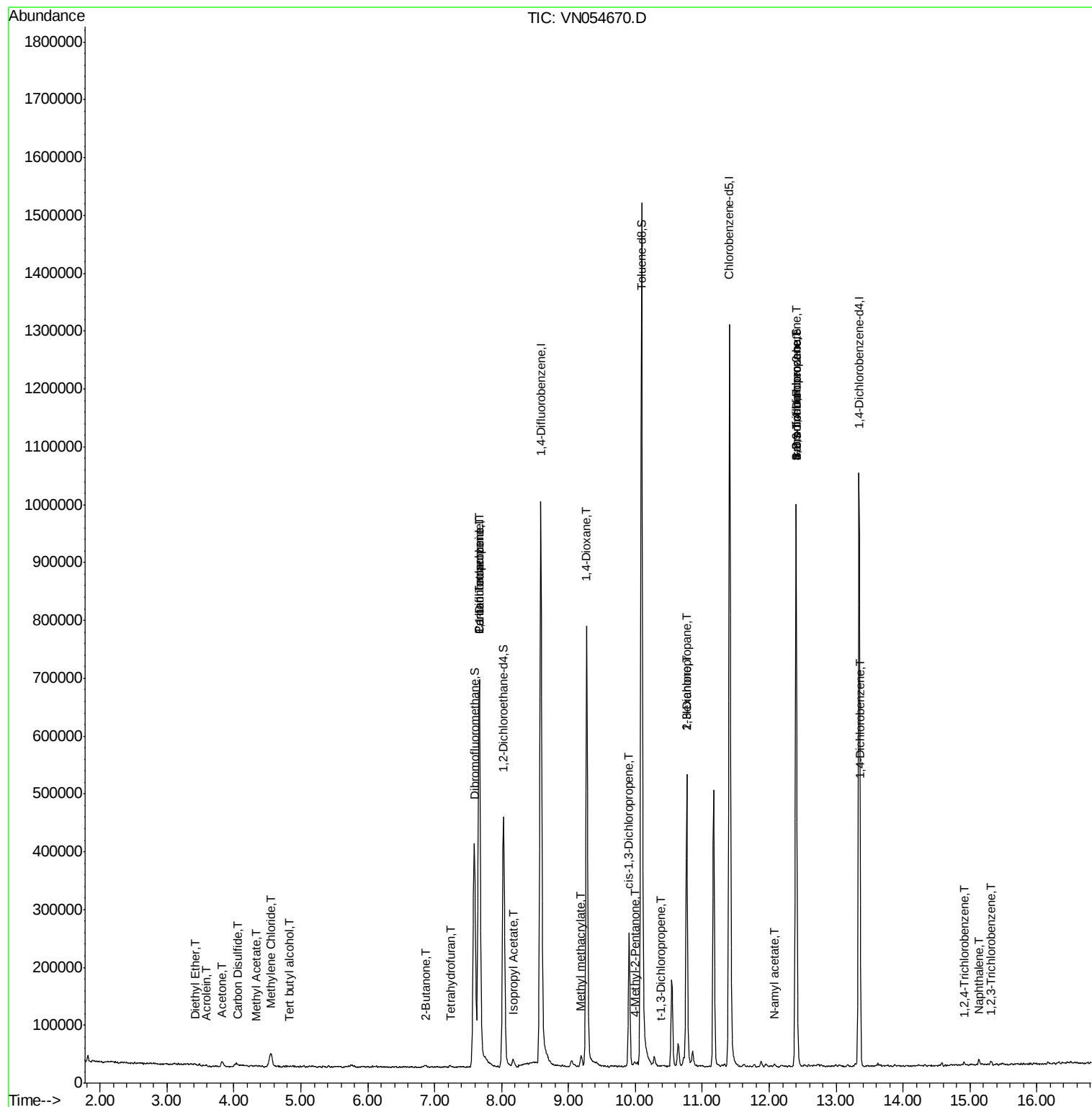
						Qvalue
8) Diethyl Ether	3.43	74	739	0.212	ug/l	75
11) Tert butyl alcohol	4.82	59	187	0.435	ug/l #	70
13) Acrolein	3.59	56	317	0.534	ug/l #	1
16) Acetone	3.83	43	13036	6.107	ug/l	90
17) Carbon Disulfide	4.05	76	4791	0.325	ug/l	97
18) Methyl Acetate	4.32	43	1432	0.301	ug/l #	58
20) Methylene Chloride	4.55	84	15459	2.457	ug/l #	79
25) 2-Butanone	6.86	43	5735	2.097	ug/l #	87
29) Tetrahydrofuran	7.24	42	2171	1.223	ug/l #	42
31) Cyclohexane	7.66	56	12499	Below Cal	#	15
36) 1,1-Dichloropropene	7.67	75	43107	5.198	ug/l #	49
38) Carbon Tetrachloride	7.66	117	54044	6.707	ug/l #	15
43) Isopropyl Acetate	8.17	43	14175	1.423	ug/l	95
48) Methyl methacrylate	9.18	41	7862	1.454	ug/l #	22
49) 1,4-Dioxane	9.27	88	62	1.026	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	6209	1.125	ug/l	88
53) t-1,3-Dichloropropene	10.38	75	110	2.245	ug/l #	85
54) cis-1,3-Dichloropropene	9.91	75	36950	4.088	ug/l #	75
57) 1,3-Dichloropropane	10.76	76	4889	0.536	ug/l #	43
59) 2-Hexanone	10.77	43	87869	24.370	ug/l #	49
71) Bromoform	12.40	173	1575	2.611	ug/l #	28
74) N-amyl acetate	12.07	43	1832	0.286	ug/l #	90
76) 1,2,3-Trichloropropane	12.40	75	171900	39.155	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	171900	129.589	ug/l #	11
88) 1,4-Dichlorobenzene	13.37	146	1954	0.219	ug/l #	72
93) 1,2,4-Trichlorobenzene	14.91	180	1945	0.440	ug/l	96
94) Hexachlorobutadiene	15.01	225	729	Below Cal		83
95) Naphthalene	15.13	128	8129	0.824	ug/l	97
96) 1,2,3-Trichlorobenzene	15.32	180	2292	0.521	ug/l	94

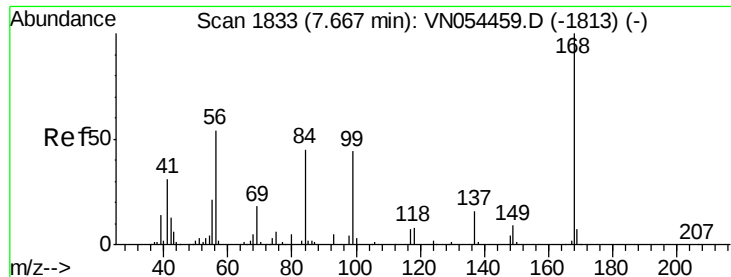
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032519\
Data File : VN054670.D
Acq On : 25 Mar 2019 14:07
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Instrument :
MSVOA_N
ClientSampleId :
CS-4

Quant Time: Mar 26 01:25:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:09:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN054670.D

Acq: 25 Mar 2019 14:07

Instrument :

MSVOA_N

ClientSampled :

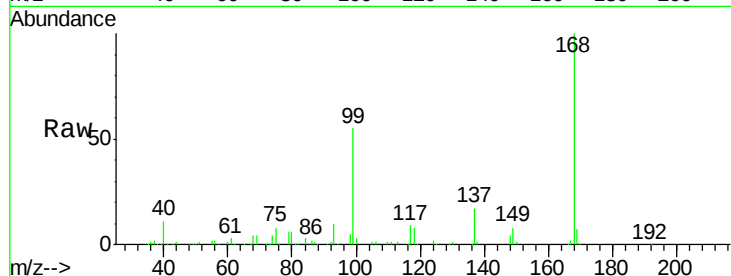
CS-4

Tot Ion:168 Resp: 570848

Ion Ratio Lower Upper

168 100

99 54.6 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

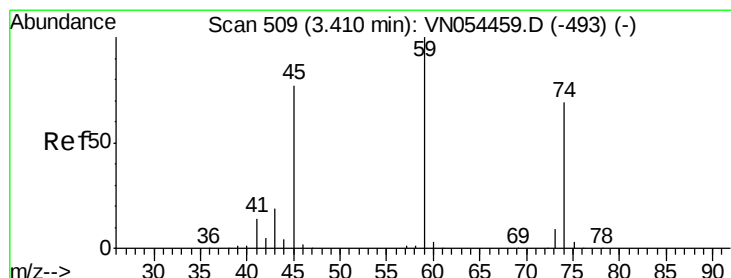
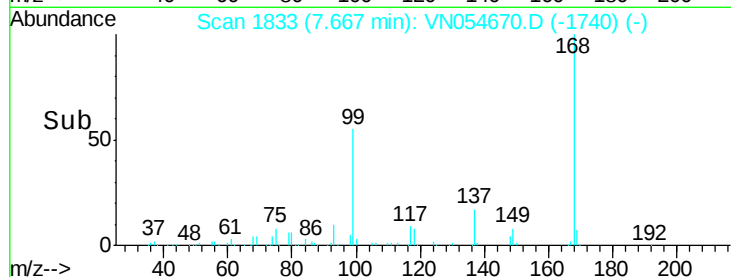
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 0.212 ug/l

RT: 3.43 min Scan# 514

Delta R.T. 0.02 min

Lab File: VN054670.D

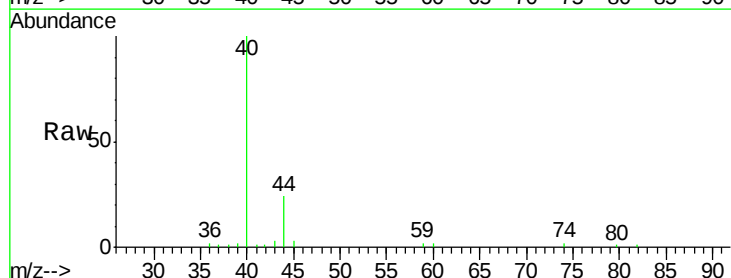
Acq: 25 Mar 2019 14:07

Tgt Ion: 74 Resp: 739

Ion Ratio Lower Upper

74 100

45 63.2 43.1 129.4



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO

800

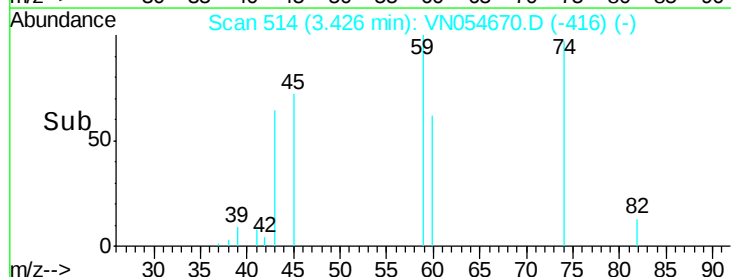
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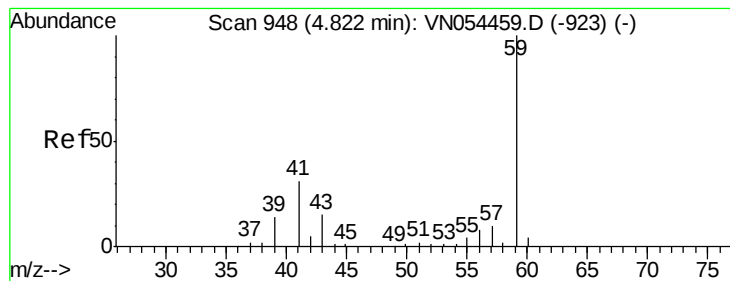
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200

0

Time-->



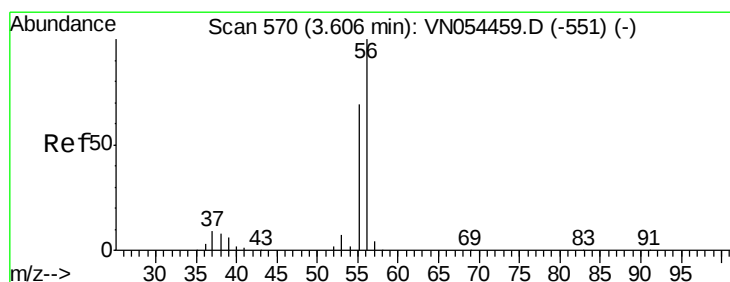
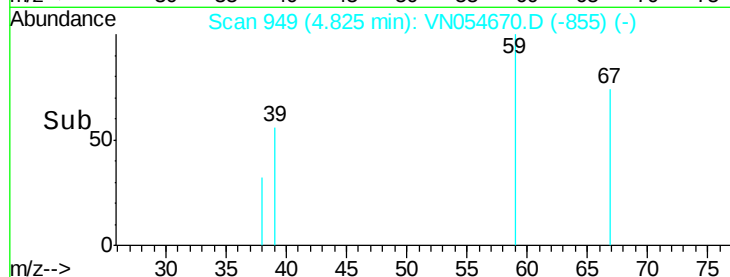
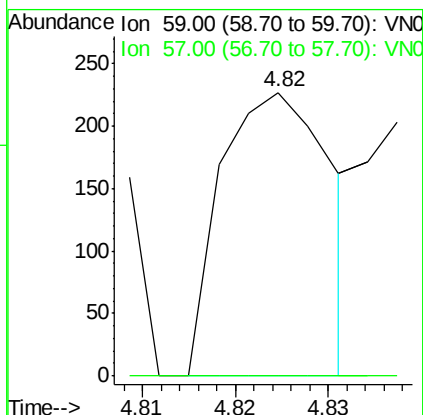
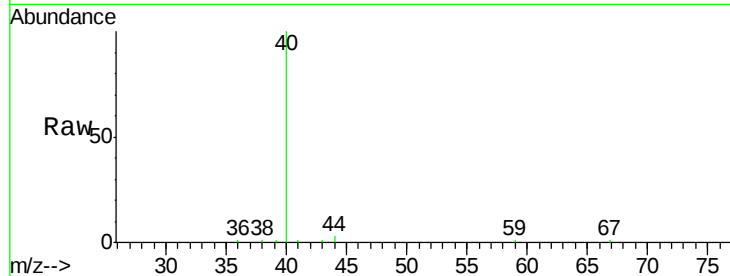


#11

Tert butyl alcohol
 Concen: 0.435 ug/l
 RT: 4.82 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: VN054670.D
 Acq: 25 Mar 2019 14:07

Instrument :
 MSVOA_N
 ClientSampled :
 CS-4

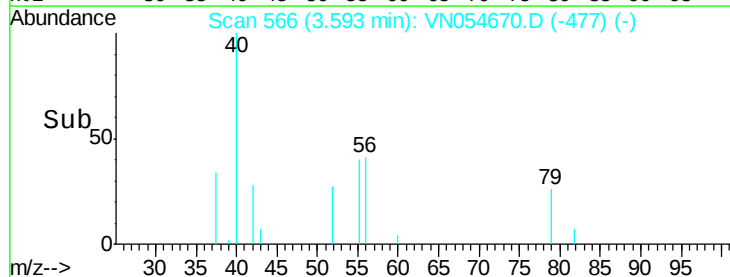
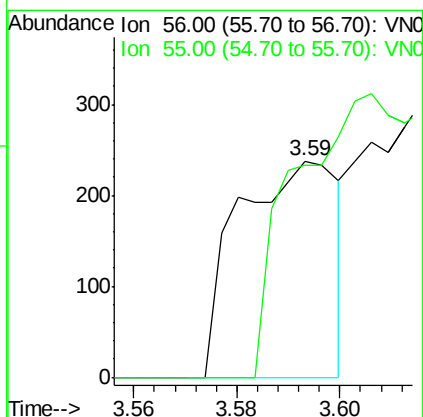
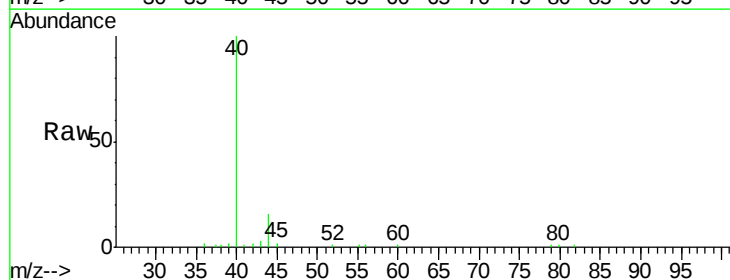
Tot Ion: 59 Resp: 187
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.0 13.6#

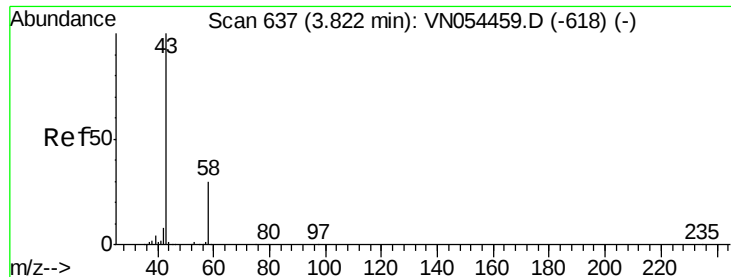


#13

Acrolein
 Concen: 0.534 ug/l
 RT: 3.59 min Scan# 566
 Delta R.T. -0.01 min
 Lab File: VN054670.D
 Acq: 25 Mar 2019 14:07

Tgt Ion: 56 Resp: 317
 Ion Ratio Lower Upper
 56 100
 55 184.9 56.7 85.1#





#16

Acetone

Concen: 6.107 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN054670.D

Acq: 25 Mar 2019 14:07

Instrument :

MSVOA_N

ClientSampled :

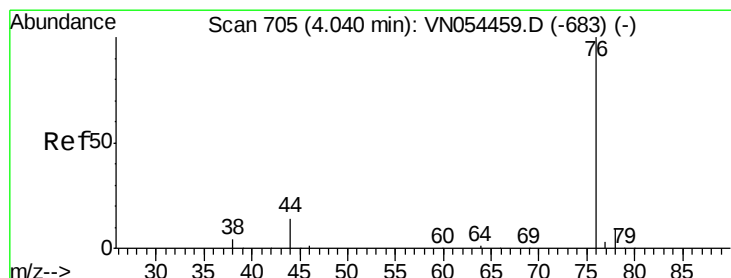
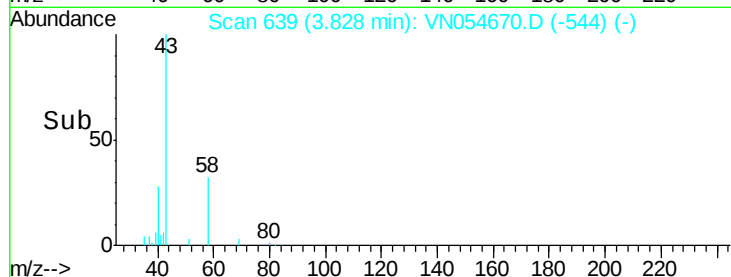
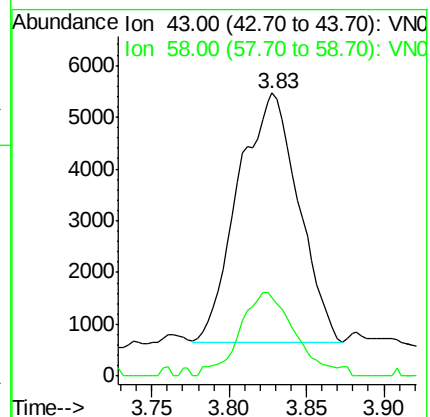
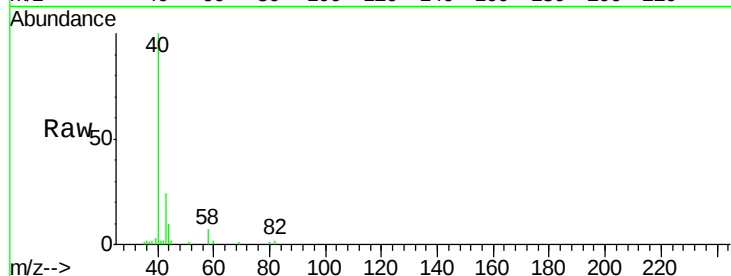
CS-4

Tot Ion: 43 Resp: 13036

Ion Ratio Lower Upper

43 100

58 31.5 29.9 44.9



#17

Carbon Disulfide

Concen: 0.325 ug/l

RT: 4.05 min Scan# 709

Delta R.T. 0.01 min

Lab File: VN054670.D

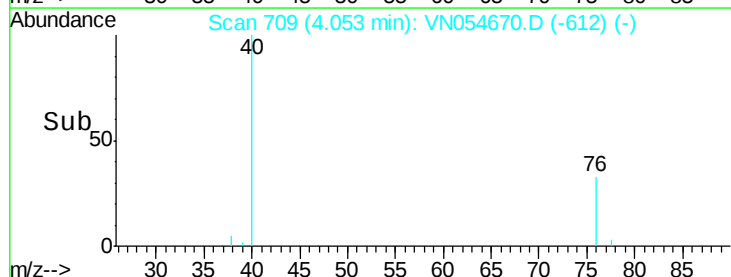
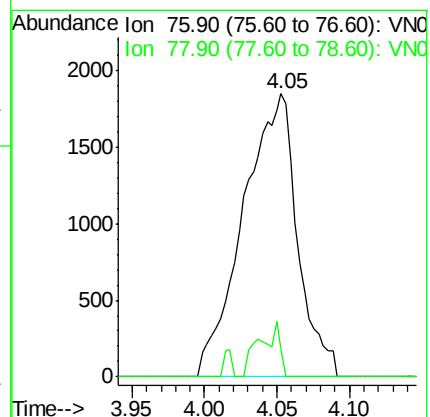
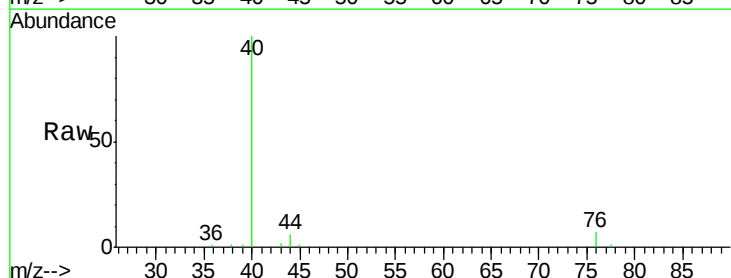
Acq: 25 Mar 2019 14:07

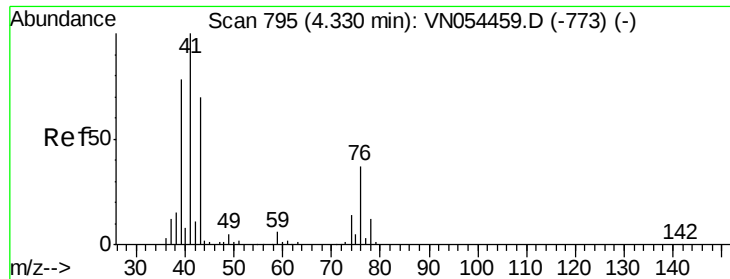
Tgt Ion: 76 Resp: 4791

Ion Ratio Lower Upper

76 100

78 10.3 7.5 11.3

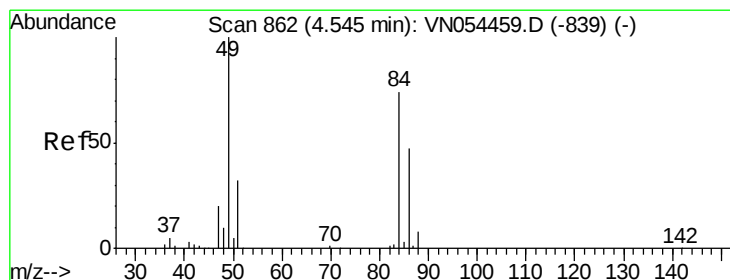
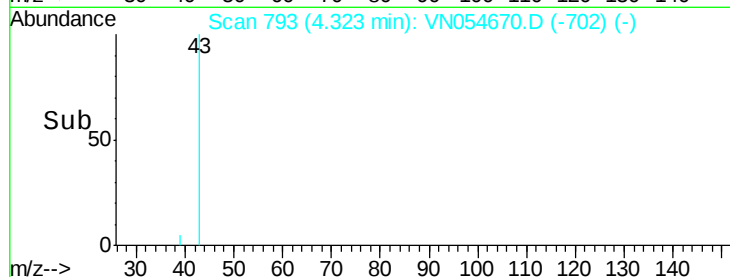
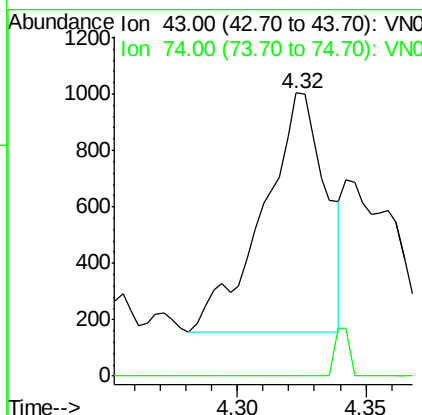
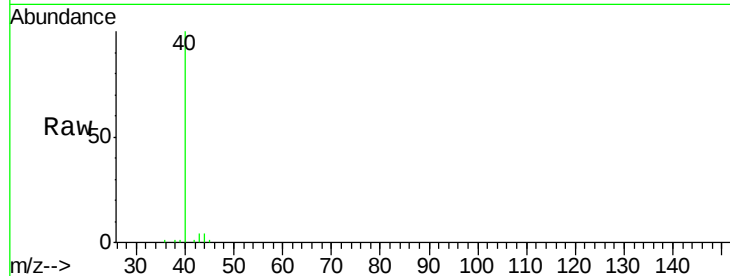




#18
Methvl Acetate
Concen: 0.301 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.01 min
Lab File: VN054670.D
Acq: 25 Mar 2019 14:07

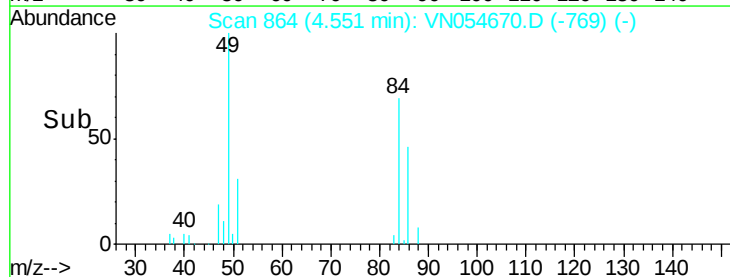
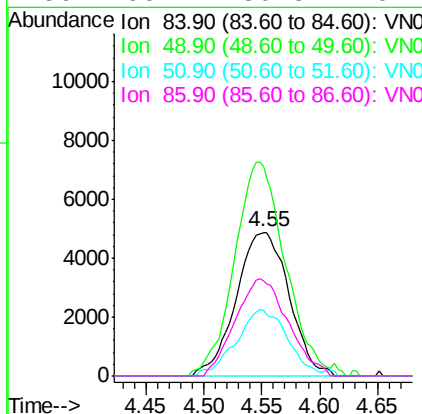
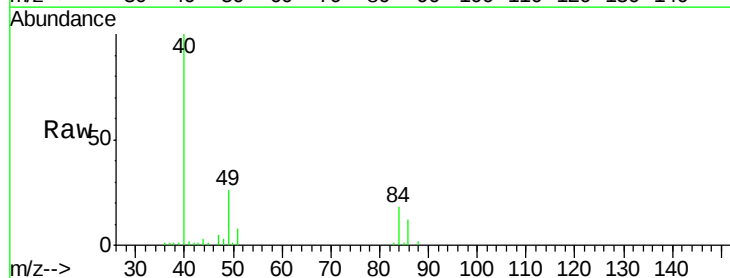
Instrument :
MSVOA_N
ClientSampled :
CS-4

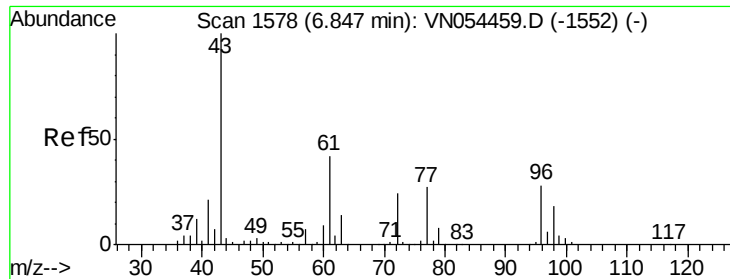
Tot Ion: 43 Resp: 1432
Ion Ratio Lower Upper
43 100
74 4.6 20.8 31.2#



#20
Methylene Chloride
Concen: 2.457 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.01 min
Lab File: VN054670.D
Acq: 25 Mar 2019 14:07

Tgt Ion: 84 Resp: 15459
Ion Ratio Lower Upper
84 100
49 145.2 89.7 134.5#
51 45.5 28.2 42.4#
86 66.4 50.8 76.2





#25

2-Butanone

Concen: 2.097 ug/l

RT: 6.86 min Scan# 1583

Delta R.T. 0.02 min

Lab File: VN054670.D

Acq: 25 Mar 2019 14:07

Instrument :

MSVOA_N

ClientSampled :

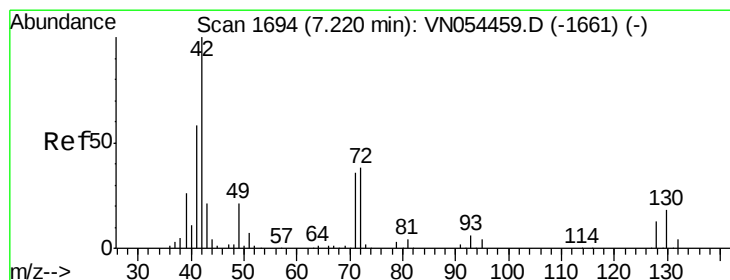
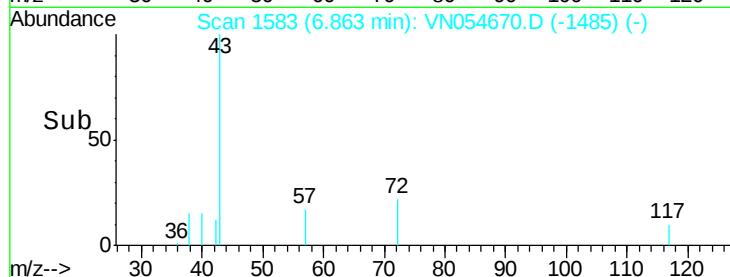
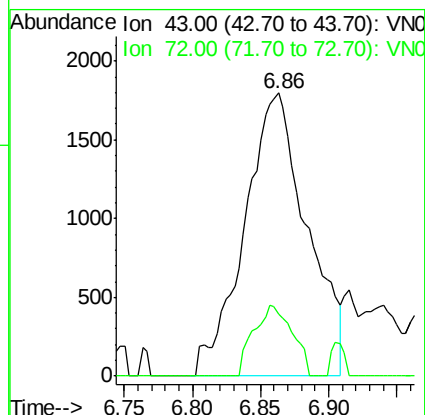
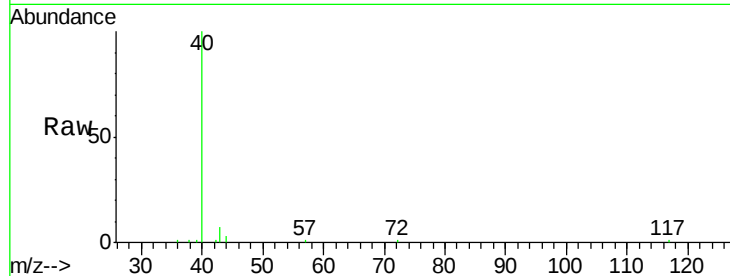
CS-4

Tot Ion: 43 Resp: 5735

Ion Ratio Lower Upper

43 100

72 21.8 23.0 34.6#



#29

Tetrahydrofuran

Concen: 1.223 ug/l

RT: 7.24 min Scan# 1699

Delta R.T. 0.02 min

Lab File: VN054670.D

Acq: 25 Mar 2019 14:07

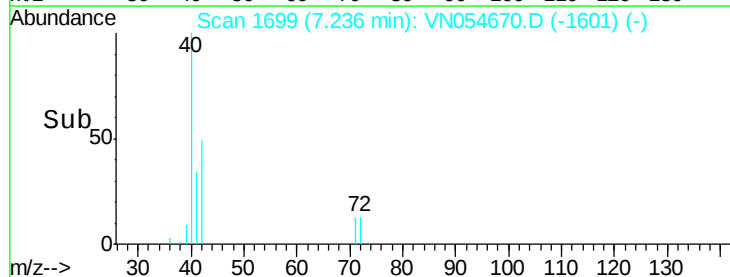
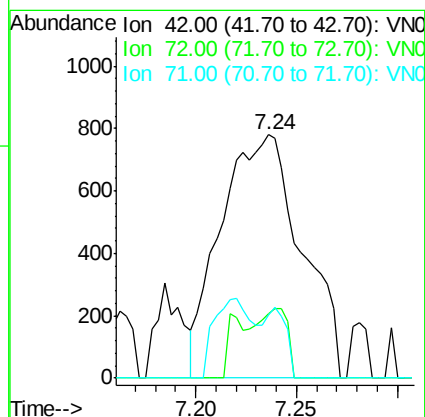
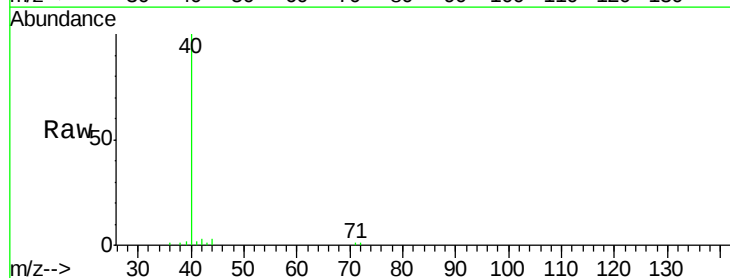
Tgt Ion: 42 Resp: 2171

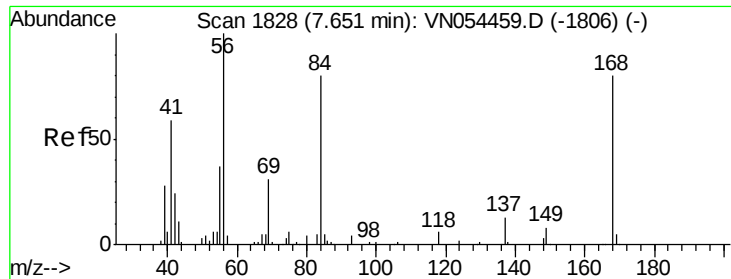
Ion Ratio Lower Upper

42 100

72 9.1 37.8 56.6#

71 7.0 36.2 54.2#

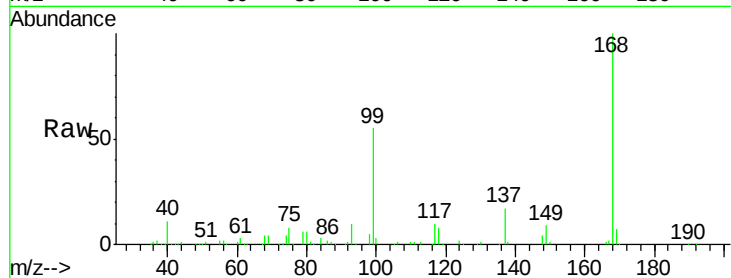




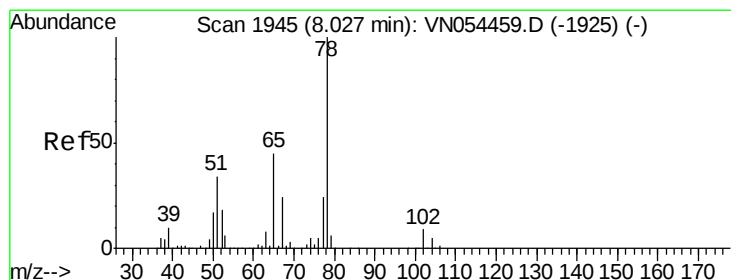
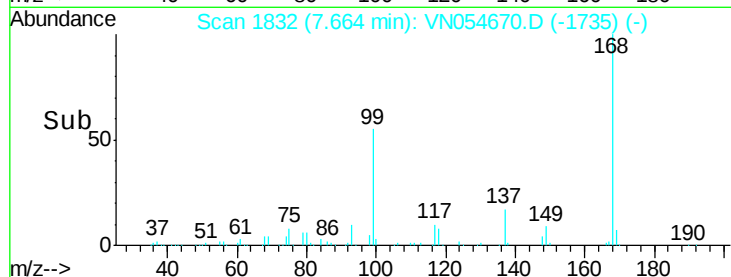
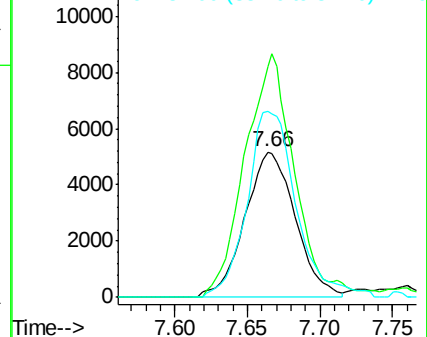
#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN054670.D
Acq: 25 Mar 2019 14:07

Instrument :
MSVOA_N
ClientSampleId :
CS-4

Tot Ion: 56 Resp: 12499
Ion Ratio Lower Upper
56 100
69 159.2 27.8 41.6#
84 128.4 74.6 111.8#

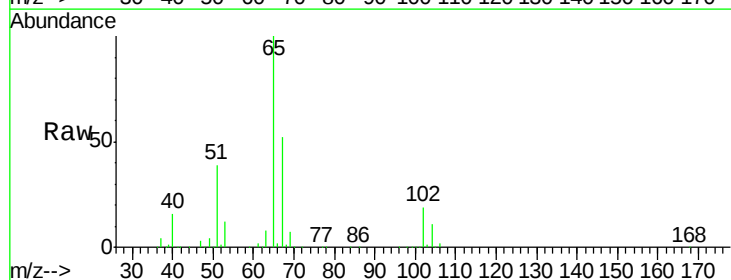


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

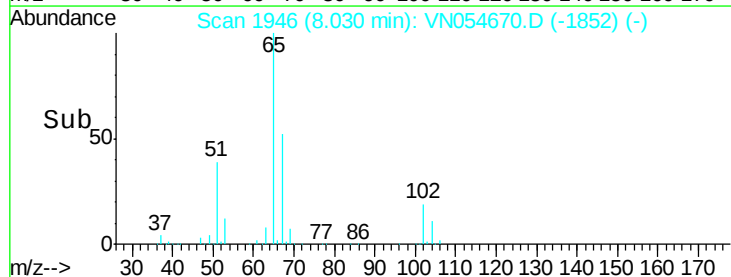
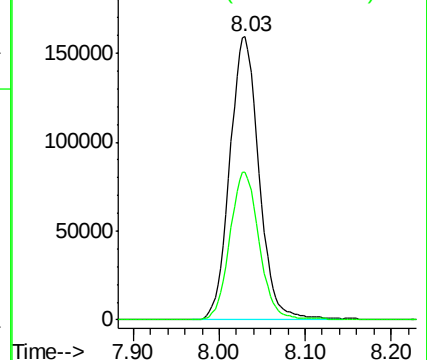


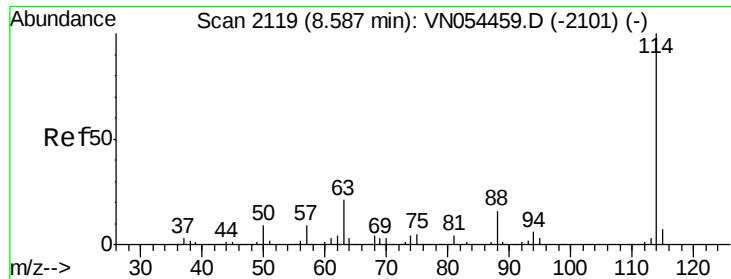
#33
1,2-Dichloroethane-d4
Concen: 53.030 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN054670.D
Acq: 25 Mar 2019 14:07

Tgt Ion: 65 Resp: 376537
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

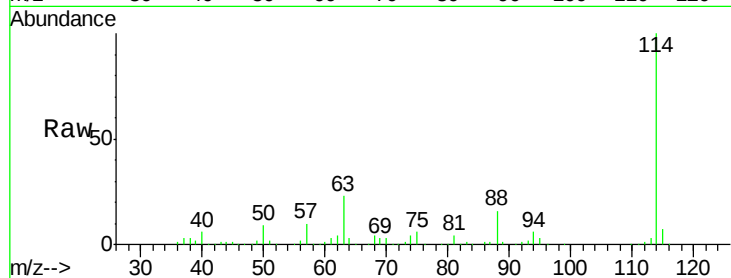




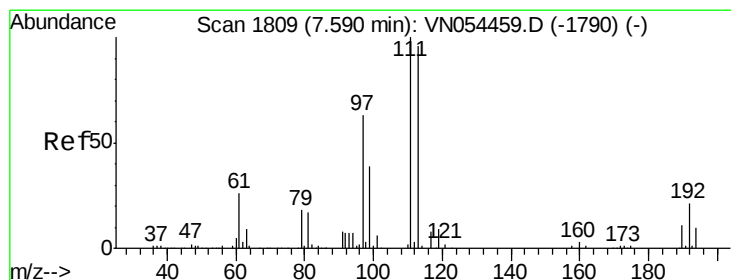
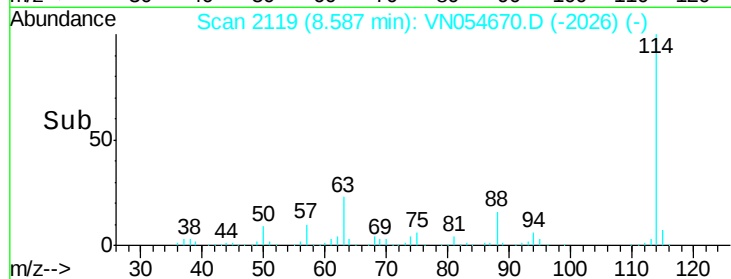
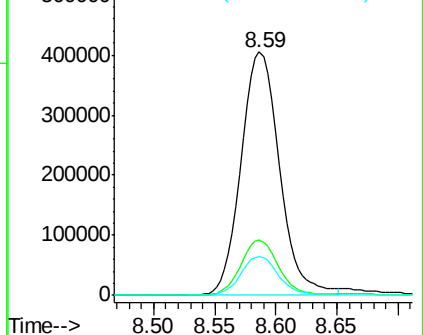
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN054670.D
Acq: 25 Mar 2019 14:07

Instrument :
MSVOA_N
ClientSampled :
CS-4

Tot Ion:114 Resp: 886868
Ion Ratio Lower Upper
114 100
63 22.6 0.0 35.2
88 15.8 0.0 30.2

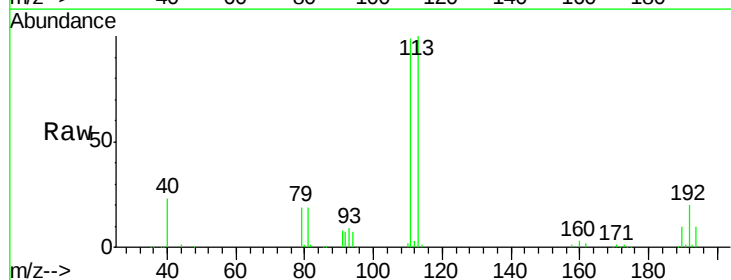


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

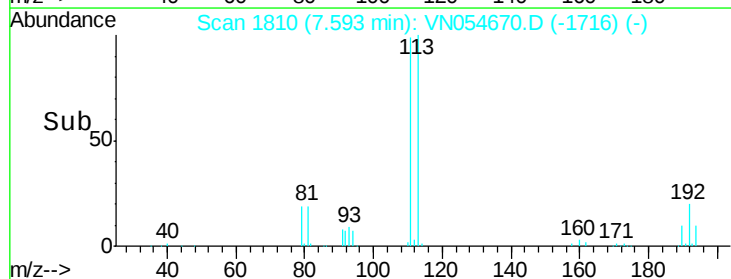
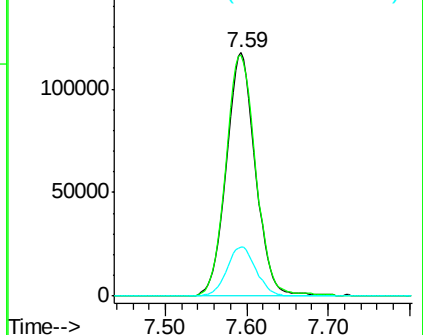


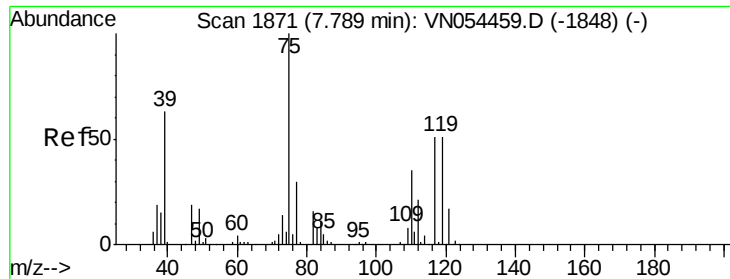
#35
Dibromofluoromethane
Concen: 51.508 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN054670.D
Acq: 25 Mar 2019 14:07

Tgt Ion:113 Resp: 294299
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.4
192 20.4 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

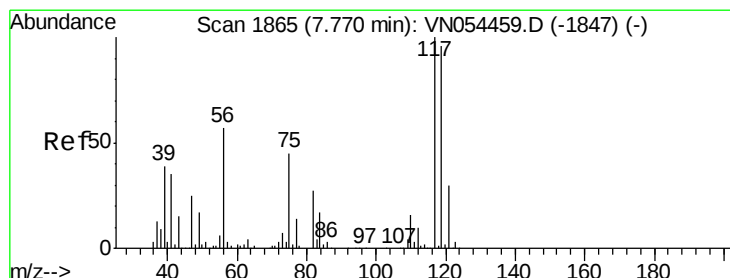
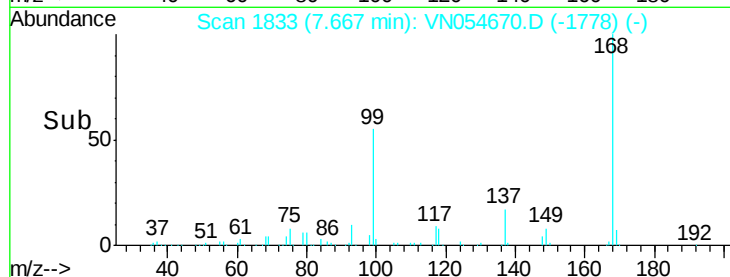
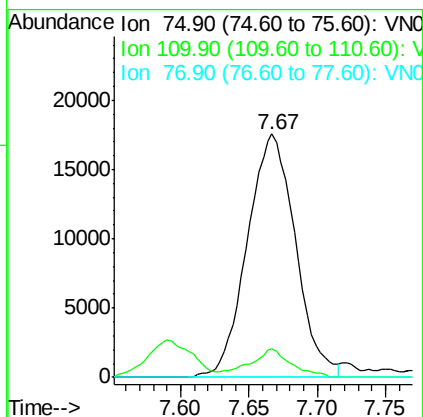
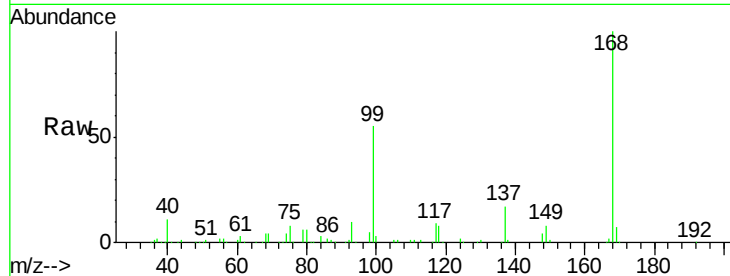




#36
 1,1-Dichloropropene
 Concen: 5.198 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.12 min
 Lab File: VN054670.D
 Acq: 25 Mar 2019 14:07

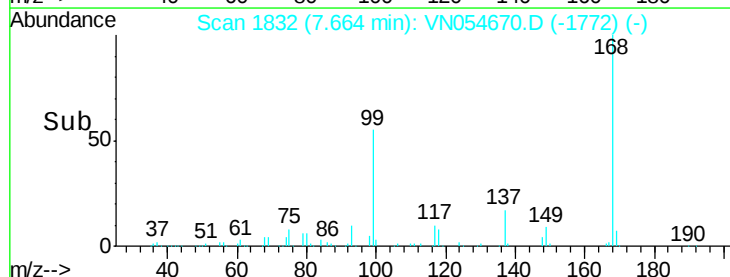
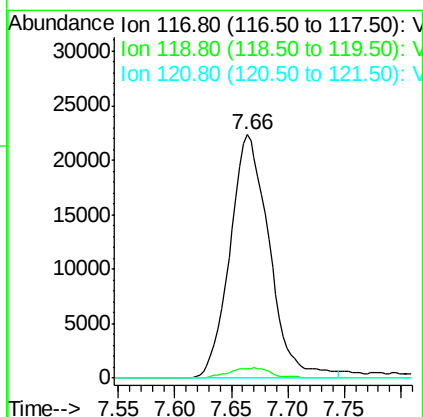
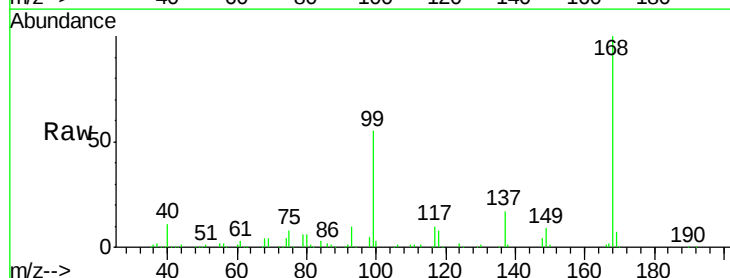
Instrument :
 MSVOA_N
 ClientSampled :
 CS-4

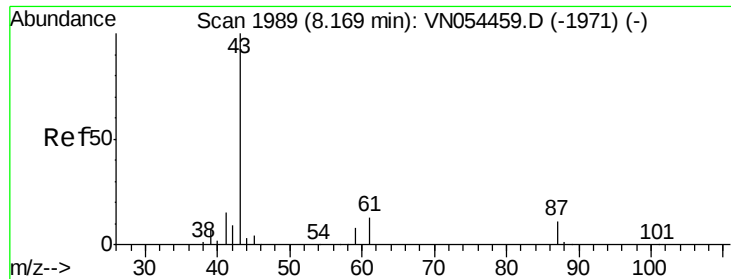
Tot Ion: 75 Resp: 43107
 Ion Ratio Lower Upper
 75 100
 110 10.0 19.1 57.5#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 6.707 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN054670.D
 Acq: 25 Mar 2019 14:07

Tgt Ion: 117 Resp: 54044
 Ion Ratio Lower Upper
 117 100
 119 4.0 76.3 114.5#
 121 0.0 24.6 36.8#





#43

Isopropyl Acetate

Concen: 1.423 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054670.D

Acq: 25 Mar 2019 14:07

Instrument :

MSVOA_N

ClientSampleId :

CS-4

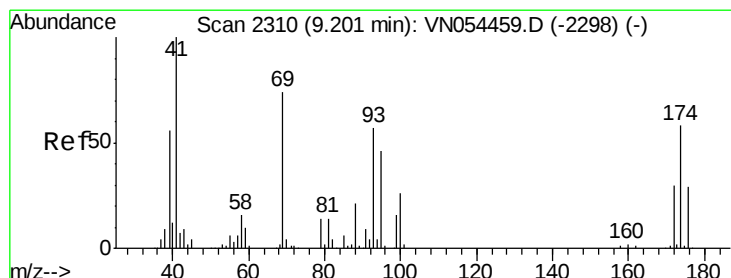
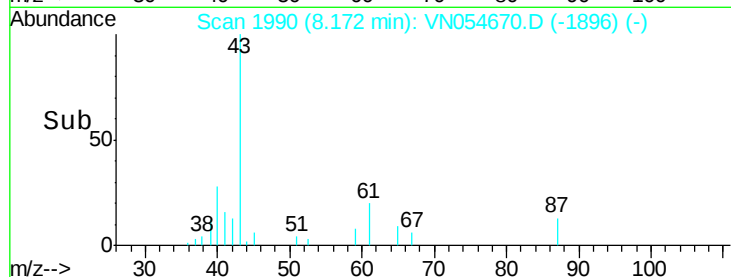
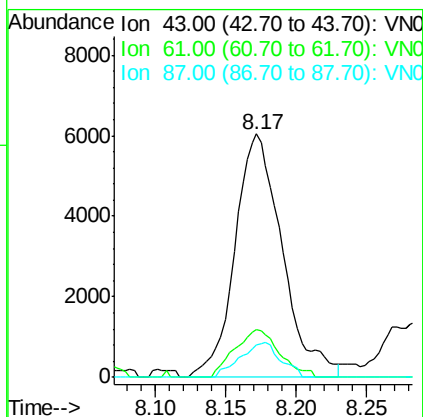
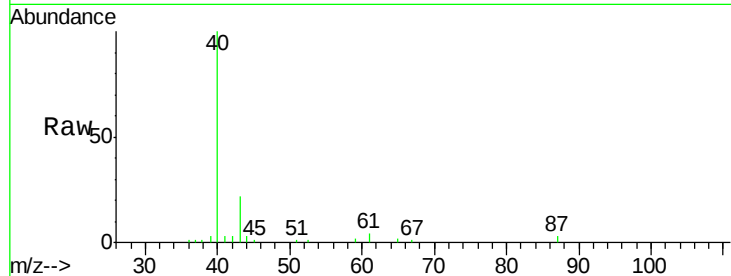
Tot Ion: 43 Resp: 14175

Ion Ratio Lower Upper

43 100

61 18.5 15.8 23.8

87 12.1 12.0 18.0



#48

Methyl methacrylate

Concen: 1.454 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.02 min

Lab File: VN054670.D

Acq: 25 Mar 2019 14:07

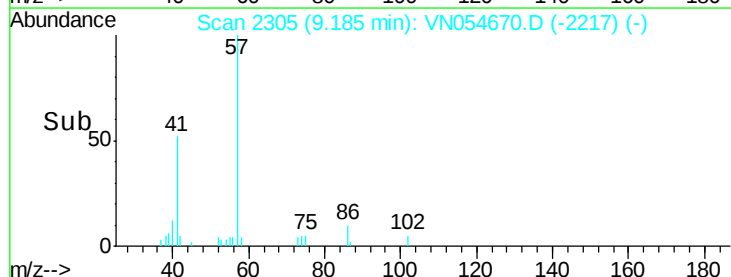
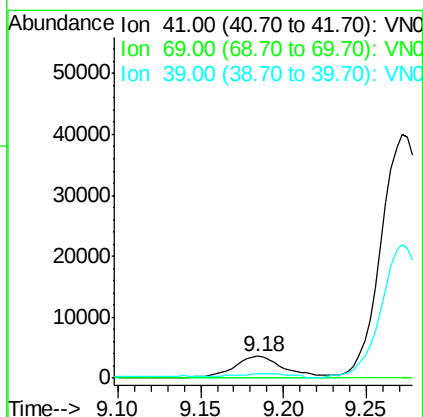
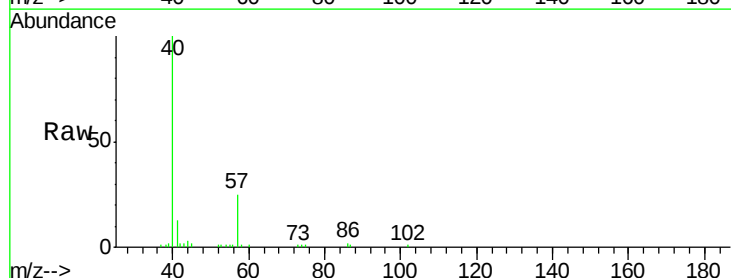
Tgt Ion: 41 Resp: 7862

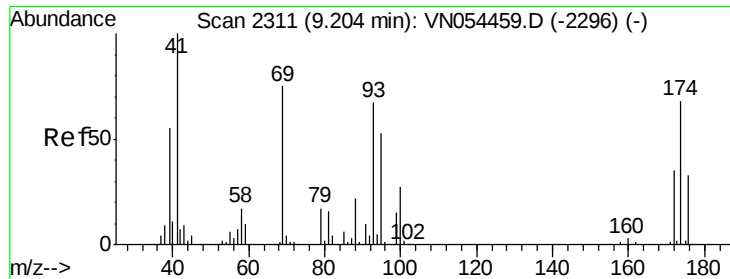
Ion Ratio Lower Upper

41 100

69 0.0 72.6 108.8#

39 21.4 47.5 71.3#





#49

1,4-Dioxane

Concen: 1.026 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.06 min

Lab File: VN054670.D

Acq: 25 Mar 2019 14:07

Instrument :

MSVOA_N

ClientSampled :

CS-4

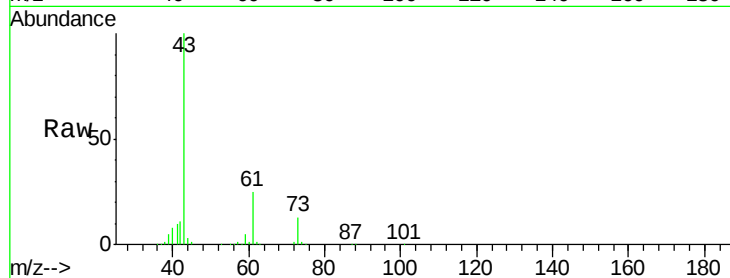
Tot Ion: 88 Resp: 62

Ion Ratio Lower Upper

88 100

43 1307793.5 24.1 36.1#

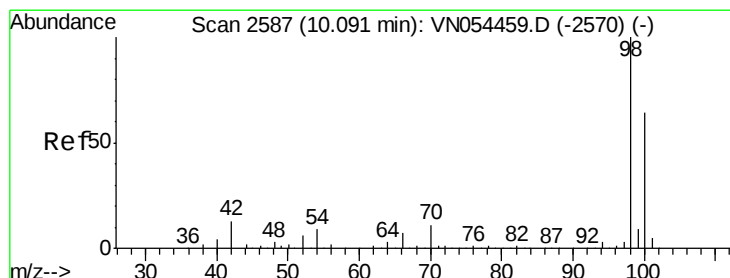
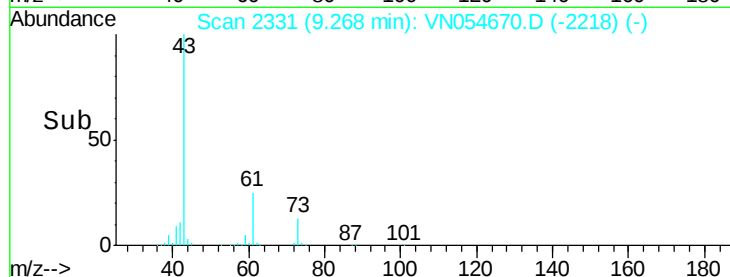
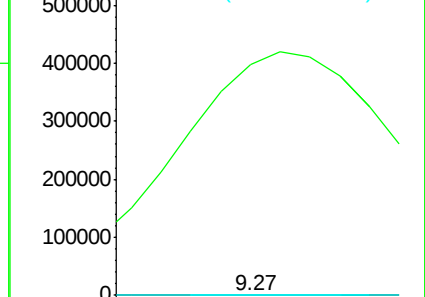
58 5379.0 50.8 76.2#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 51.717 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054670.D

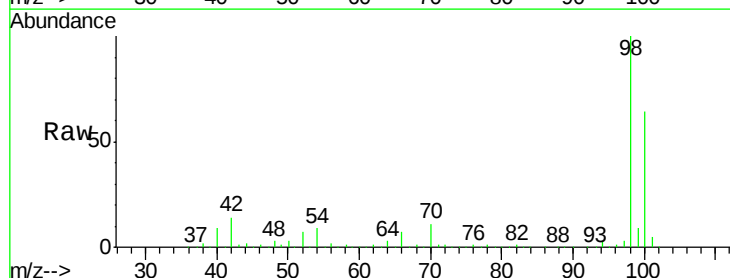
Acq: 25 Mar 2019 14:07

Tgt Ion: 98 Resp: 1110861

Ion Ratio Lower Upper

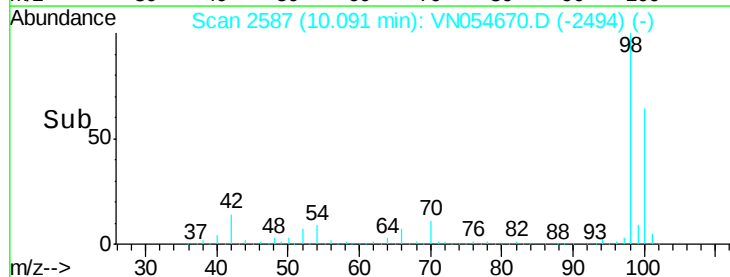
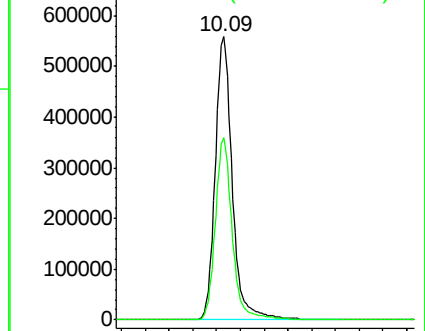
98 100

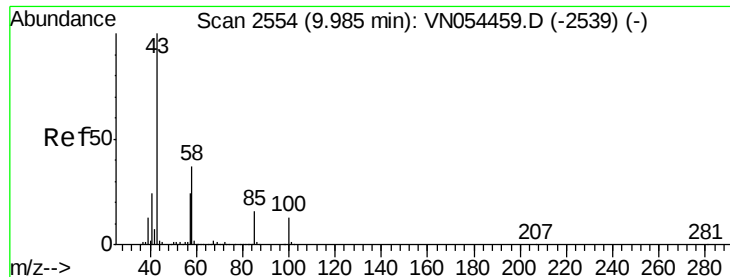
100 63.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 1.125 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN054670.D

Acq: 25 Mar 2019 14:07

Instrument :

MSVOA_N

ClientSampled :

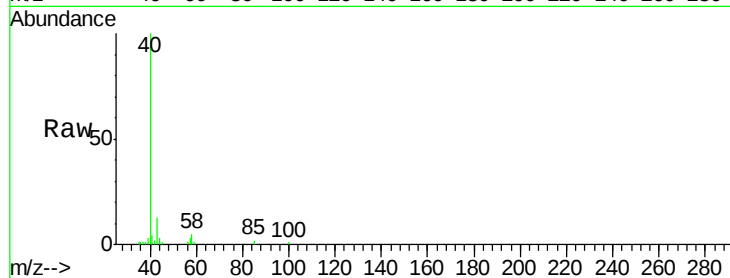
CS-4

Tot Ion: 43 Resp: 6209

Ion Ratio Lower Upper

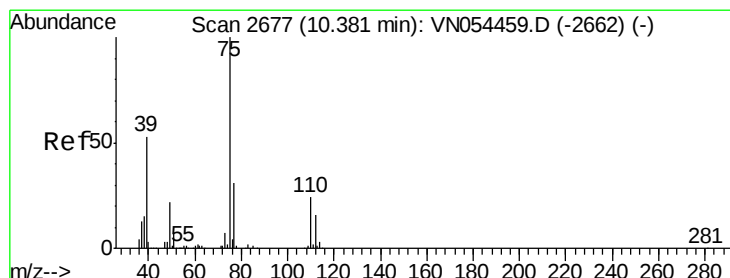
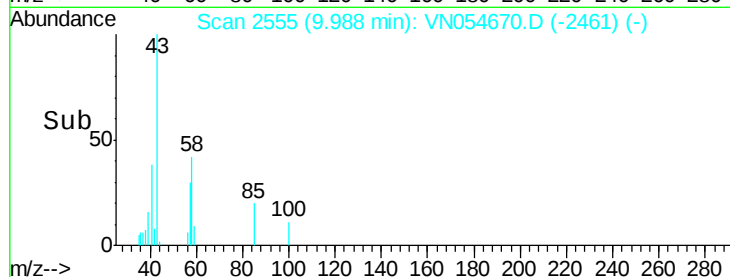
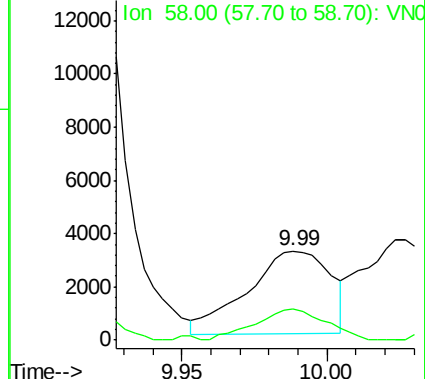
43 100

58 32.2 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#53

t-1,3-Dichloropropene

Concen: 2.245 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN054670.D

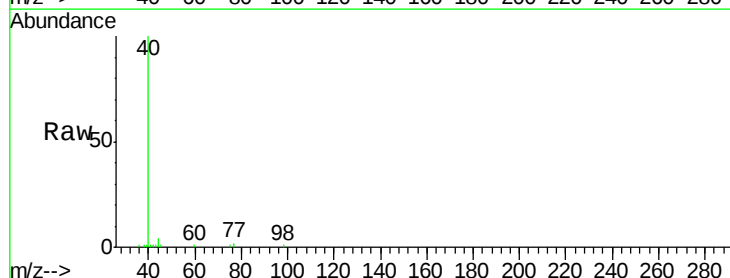
Acq: 25 Mar 2019 14:07

Tgt Ion: 75 Resp: 110

Ion Ratio Lower Upper

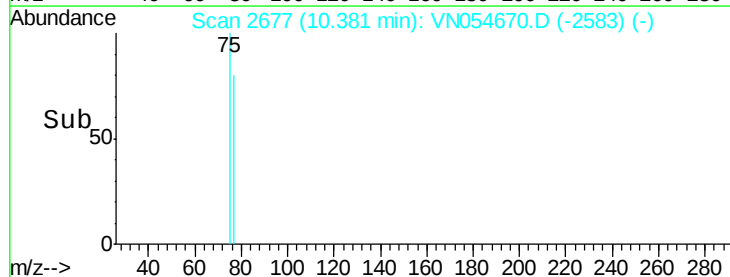
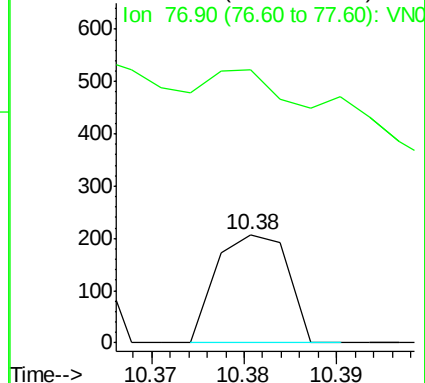
75 100

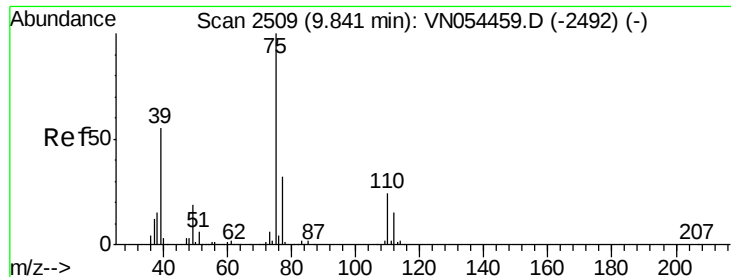
77 24.2 25.8 38.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



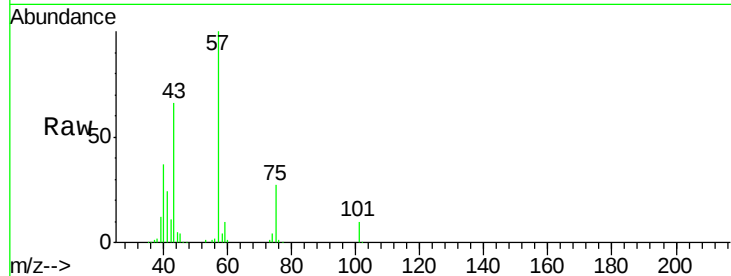


#54

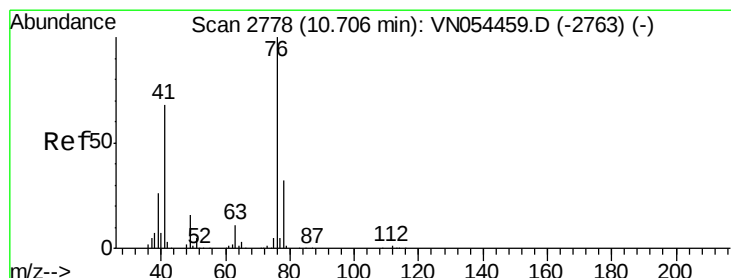
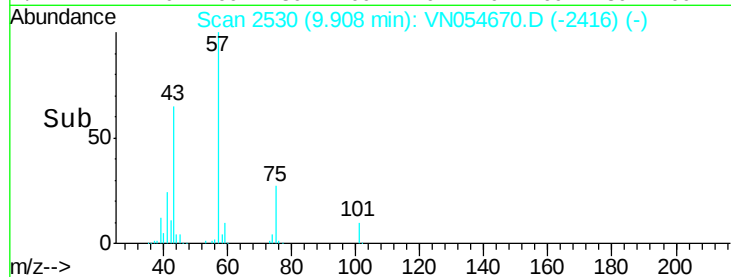
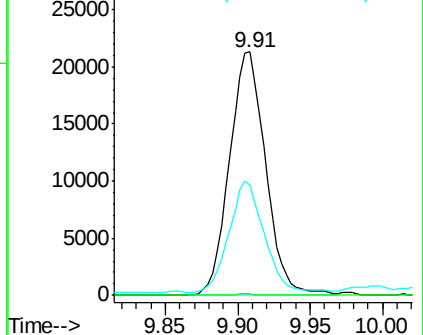
cis-1,3-Dichloropropene
 Concen: 4.088 ug/l
 RT: 9.91 min Scan# 2530
 Delta R.T. 0.07 min
 Lab File: VN054670.D
 Acq: 25 Mar 2019 14:07

Instrument :
 MSVOA_N
 ClientSampled :
 CS-4

Tot Ion: 75 Resp: 36950
 Ion Ratio Lower Upper
 75 100
 77 0.8 25.4 38.0#
 39 44.0 37.2 55.8



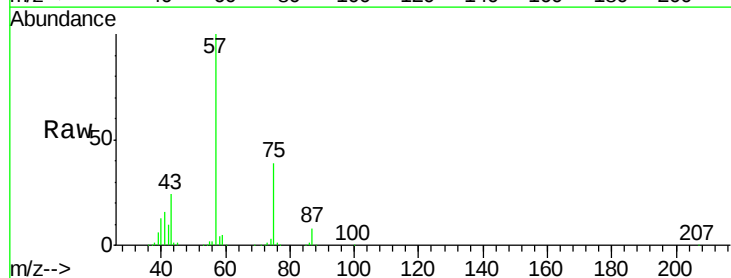
Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 76.90 (76.60 to 77.60): VN0
 Ion 39.00 (38.70 to 39.70): VN0



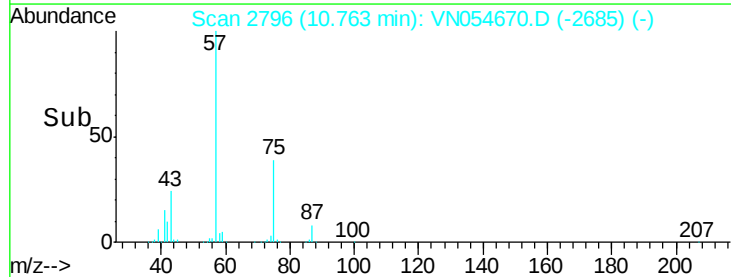
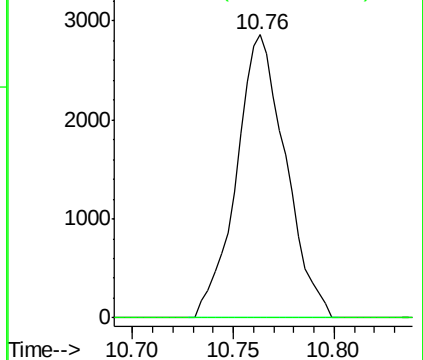
#57

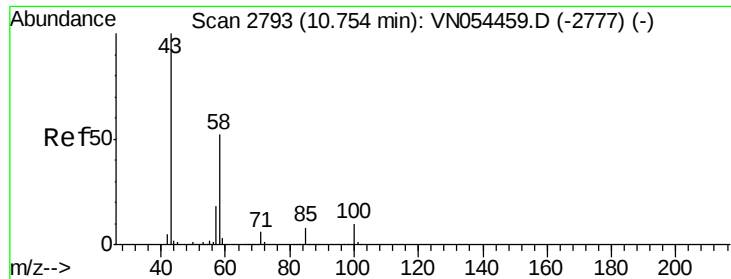
1,3-Dichloropropane
 Concen: 0.536 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN054670.D
 Acq: 25 Mar 2019 14:07

Tgt Ion: 76 Resp: 4889
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.7 38.5#



Abundance Ion 75.90 (75.60 to 76.60): VN0
 Ion 77.90 (77.60 to 78.60): VN0

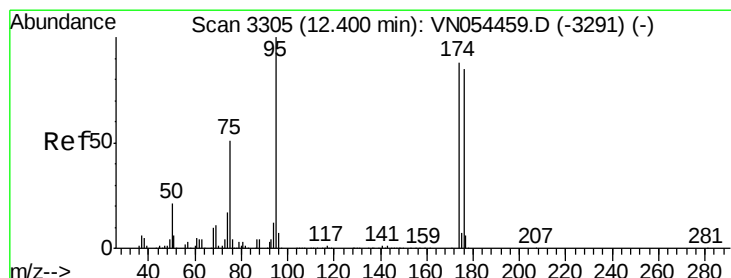
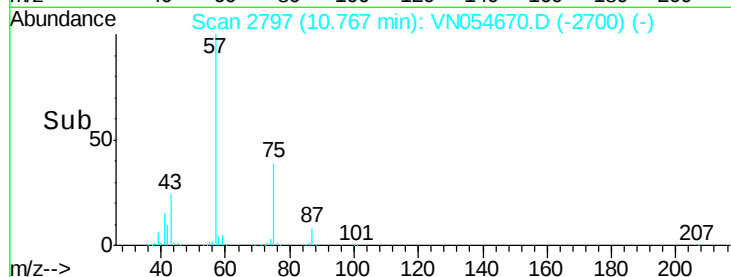
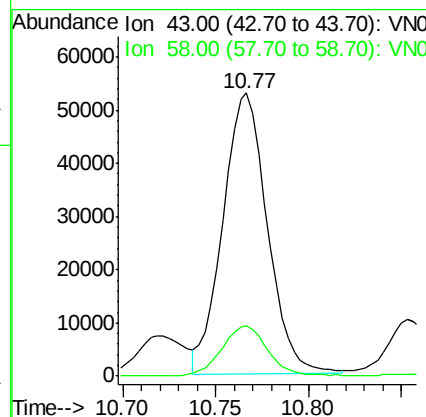
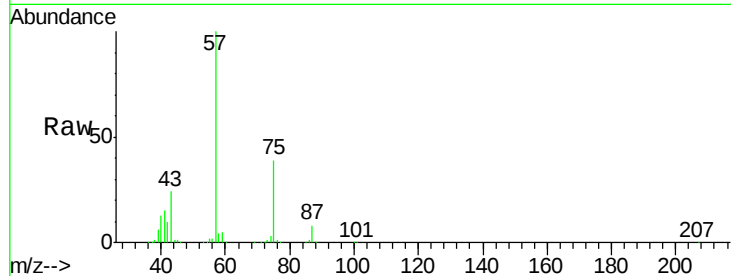




#59
2-Hexanone
Concen: 24.370 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN054670.D
Acq: 25 Mar 2019 14:07

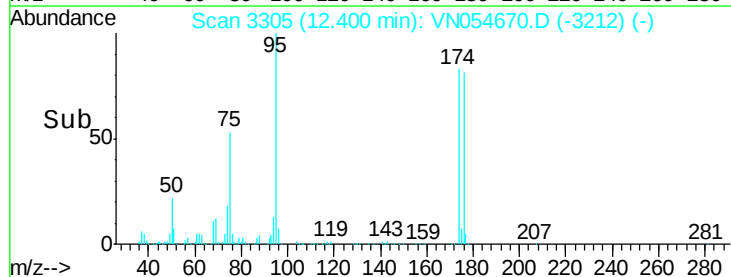
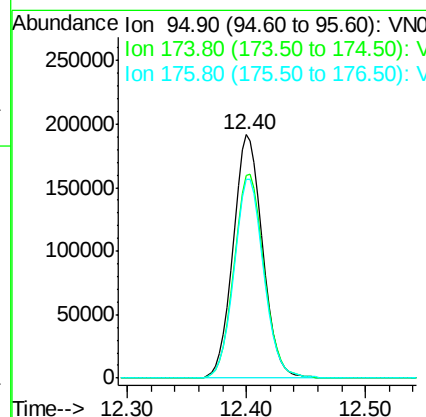
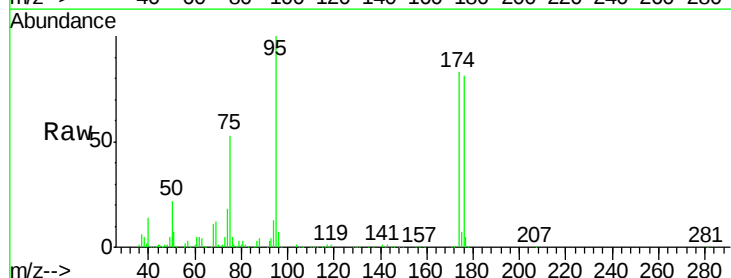
Instrument :
MSVOA_N
ClientSampled :
CS-4

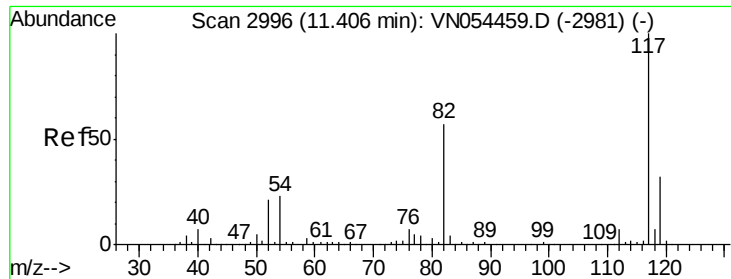
Tot Ion: 43 Resp: 87869
Ion Ratio Lower Upper
43 100
58 18.6 28.0 83.9#



#62
4-Bromofluorobenzene
Concen: 44.924 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN054670.D
Acq: 25 Mar 2019 14:07

Tgt Ion: 95 Resp: 328357
Ion Ratio Lower Upper
95 100
174 85.4 0.0 191.0
176 82.4 0.0 187.4

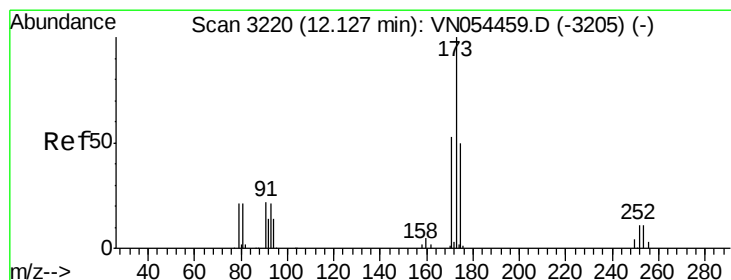
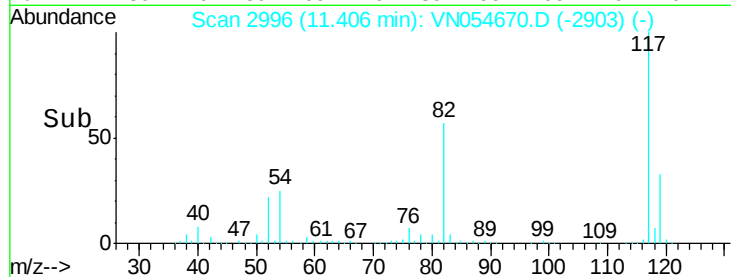
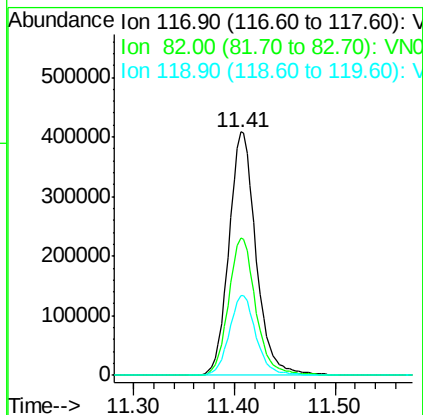
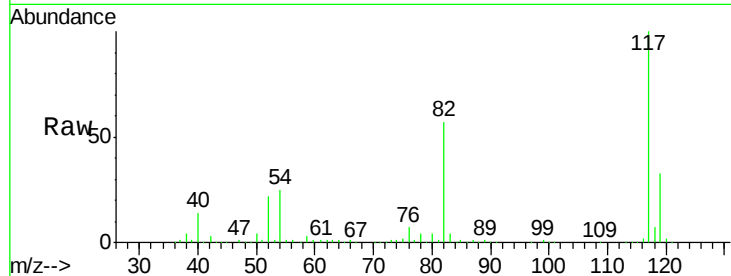




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054670.D
Acq: 25 Mar 2019 14:07

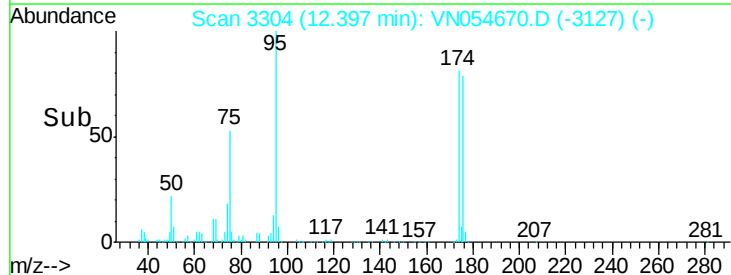
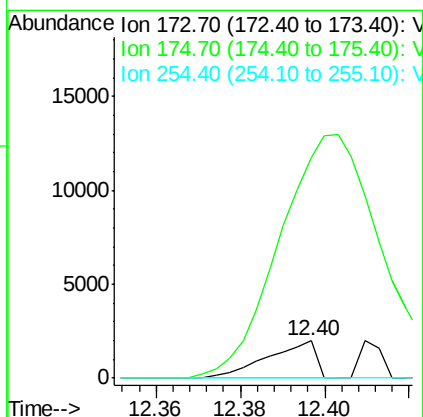
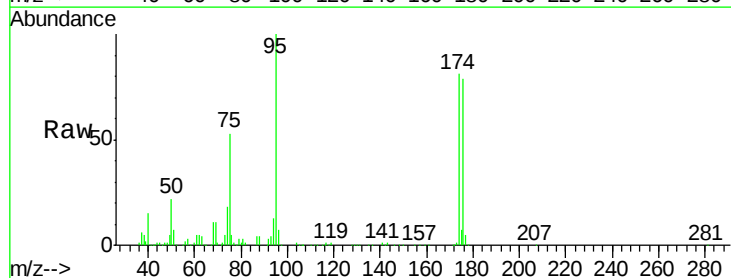
Instrument :
MSVOA_N
ClientSampled :
CS-4

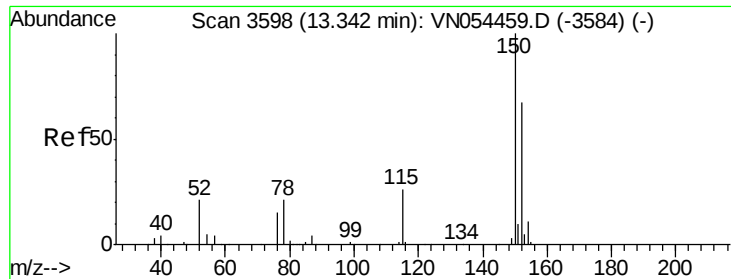
Tot Ion:117 Resp: 766002
Ion Ratio Lower Upper
117 100
82 56.6 40.0 60.0
119 32.6 25.8 38.6



#71
Bromoform
Concen: 2.611 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.27 min
Lab File: VN054670.D
Acq: 25 Mar 2019 14:07

Tgt Ion:173 Resp: 1575
Ion Ratio Lower Upper
173 100
175 0.0 24.4 73.2#
254 0.0 0.1 0.1#



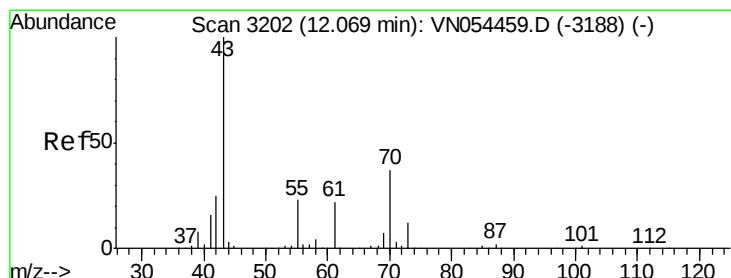
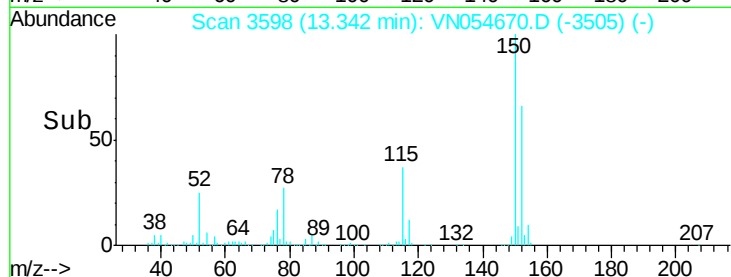
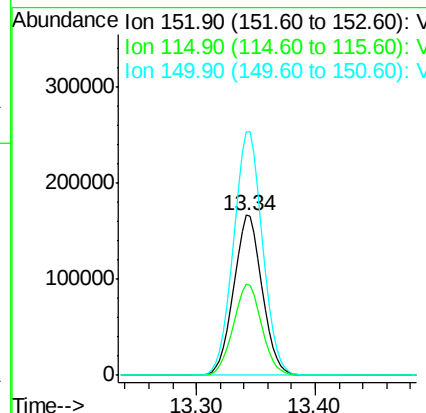
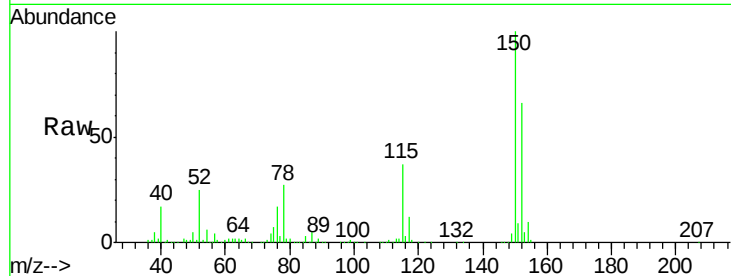


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054670.D
Acq: 25 Mar 2019 14:07

Instrument :
MSVOA_N
ClientSampleId :
CS-4

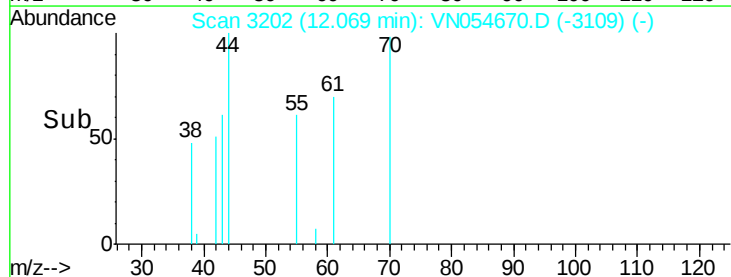
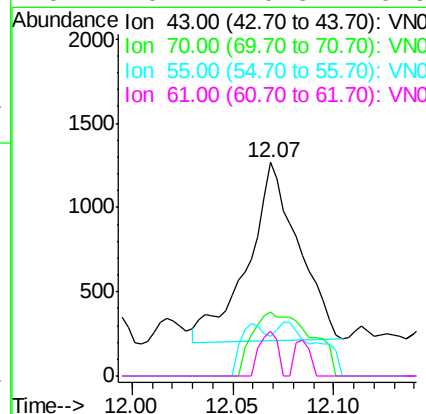
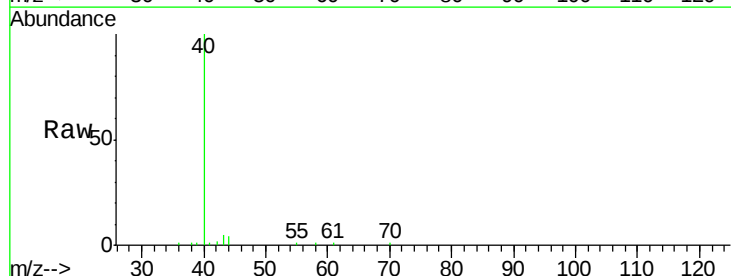
Tot Ion:152 Resp: 276667
Ion Ratio Lower Upper
152 100
115 56.8 27.2 81.6
150 154.8 0.0 349.2

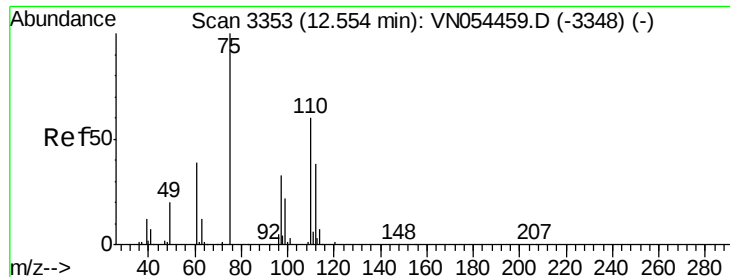


#74

N-ethyl acetate
Concen: 0.286 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. -0.00 min
Lab File: VN054670.D
Acq: 25 Mar 2019 14:07

Tgt Ion: 43 Resp: 1832
Ion Ratio Lower Upper
43 100
70 41.9 35.4 53.0
55 24.4 19.8 29.6
61 9.2 19.8 29.6#





#76

1,2,3-Trichloropropane

Concen: 39.155 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054670.D

Acq: 25 Mar 2019 14:07

Instrument :

MSVOA_N

ClientSampled :

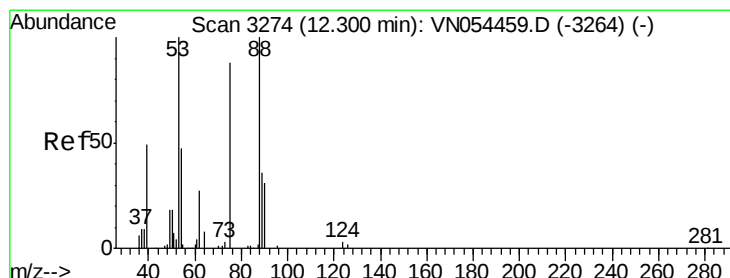
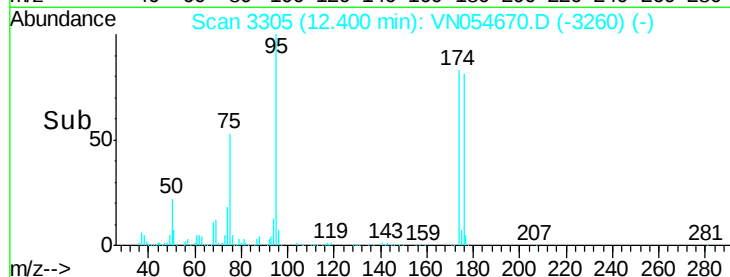
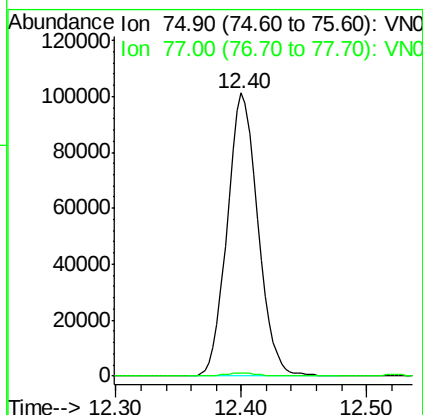
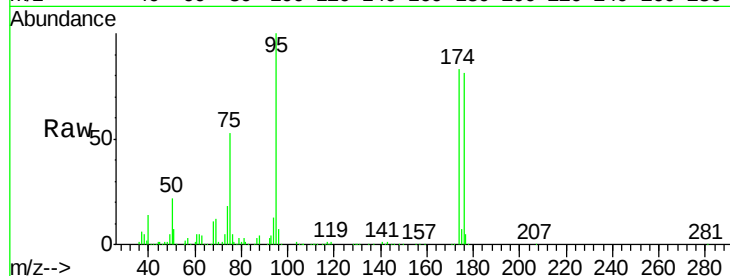
CS-4

Tot Ion: 75 Resp: 171900

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 129.589 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054670.D

Acq: 25 Mar 2019 14:07

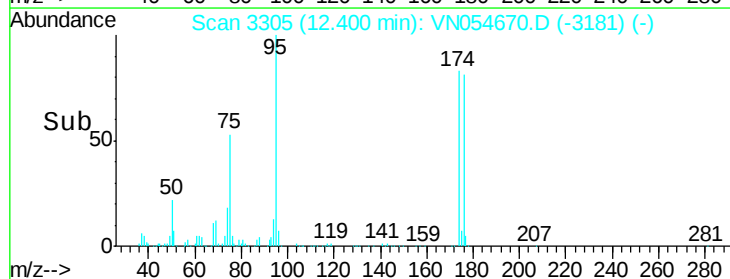
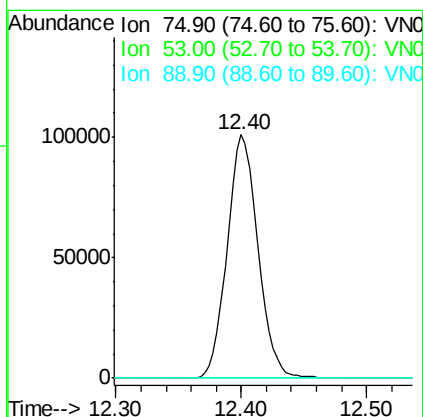
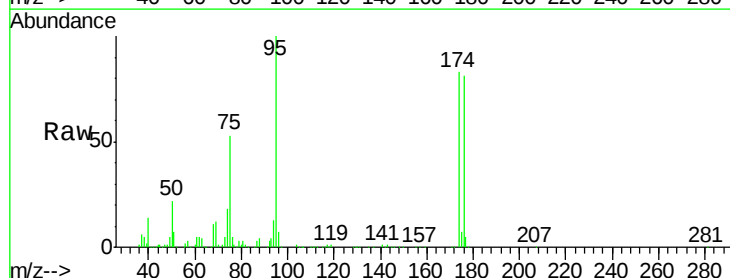
Tgt Ion: 75 Resp: 171900

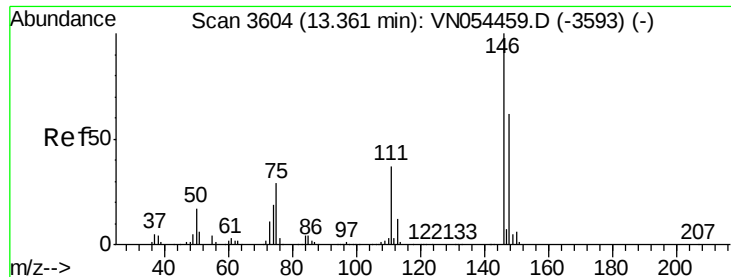
Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

89 0.0 39.2 58.8#





#88

1,4-Dichlorobenzene

Concen: 0.219 ug/l

RT: 13.37 min Scan# 3606

Delta R.T. 0.01 min

Lab File: VN054670.D

Acq: 25 Mar 2019 14:07

Instrument :

MSVOA_N

ClientSampled :

CS-4

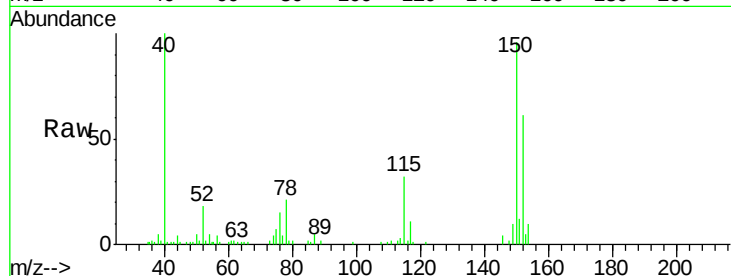
Tot Ion:146 Resp: 1954

Ion Ratio Lower Upper

146 100

111 0.0 18.1 54.1#

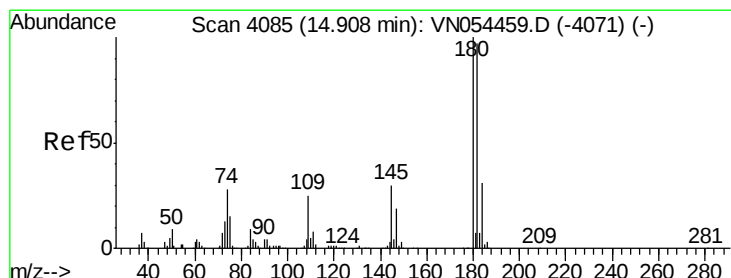
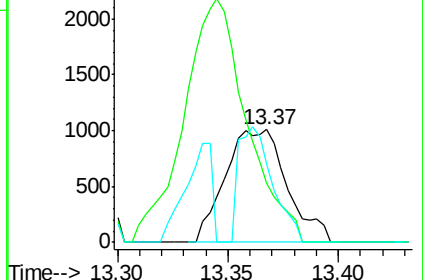
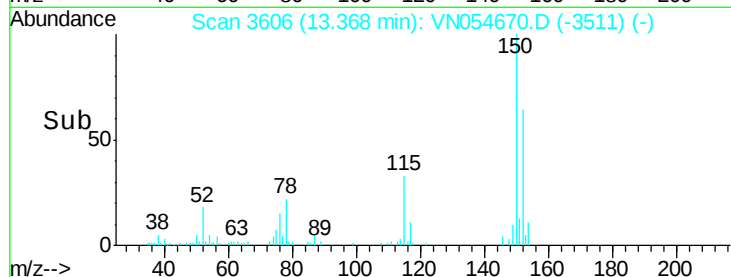
148 57.0 32.0 96.0



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



#93

1,2,4-Trichlorobenzene

Concen: 0.440 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. -0.00 min

Lab File: VN054670.D

Acq: 25 Mar 2019 14:07

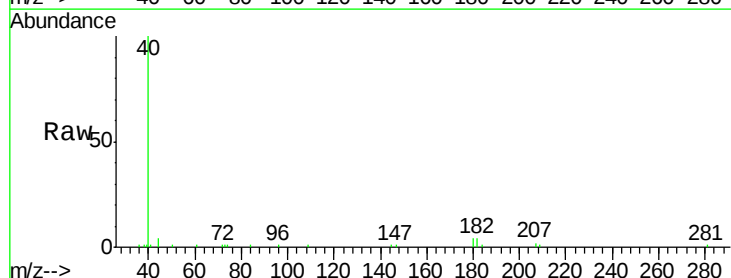
Tgt Ion:180 Resp: 1945

Ion Ratio Lower Upper

180 100

182 99.5 48.0 144.2

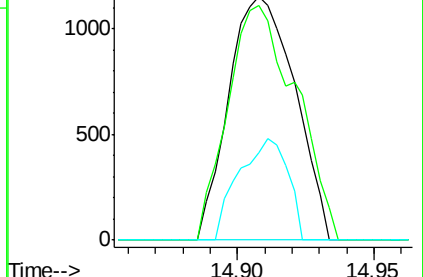
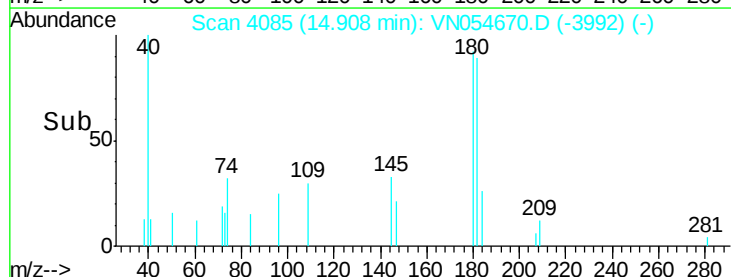
145 30.8 14.2 42.8

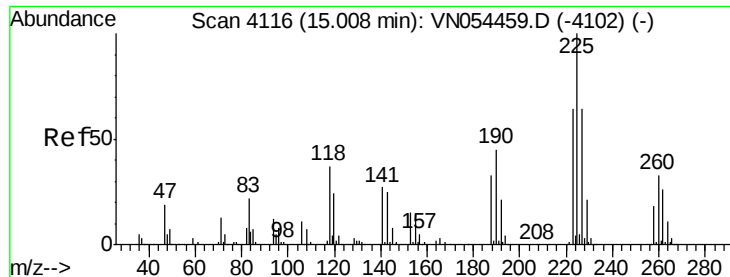


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4116

Delta R.T. 0.00 min

Lab File: VN054670.D

Acq: 25 Mar 2019 14:07

Instrument :

MSVOA_N

ClientSampleId :

CS-4

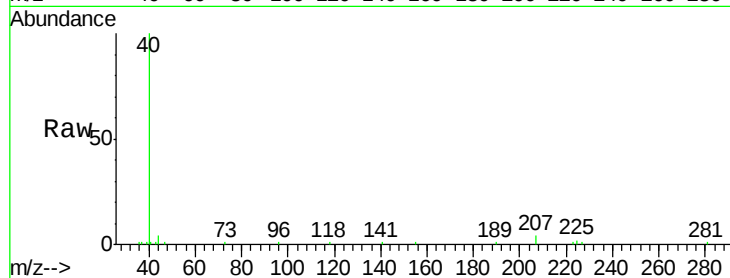
Tot Ion:225 Resp: 729

Ion Ratio Lower Upper

225 100

223 45.8 31.1 93.5

227 53.9 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

15.01

800

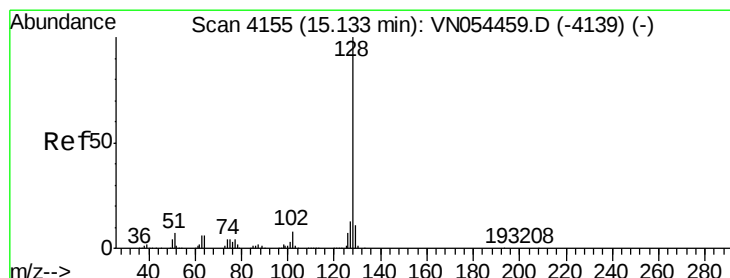
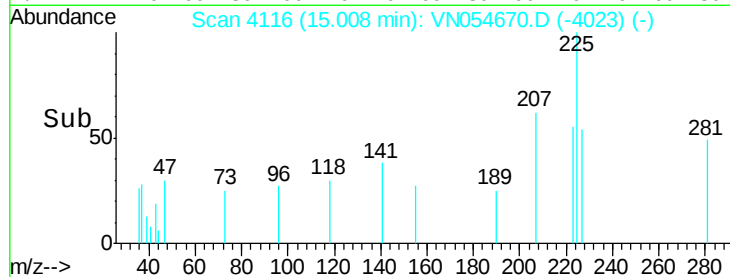
600

400

200

0

Time--> 14.98 15.00 15.02 15.04



#95

Naphthalene

Concen: 0.824 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN054670.D

Acq: 25 Mar 2019 14:07

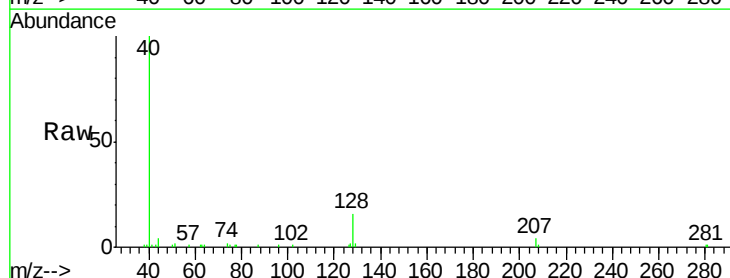
Tgt Ion:128 Resp: 8129

Ion Ratio Lower Upper

128 100

127 11.8 10.1 15.1

129 9.1 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

6000

5000

4000

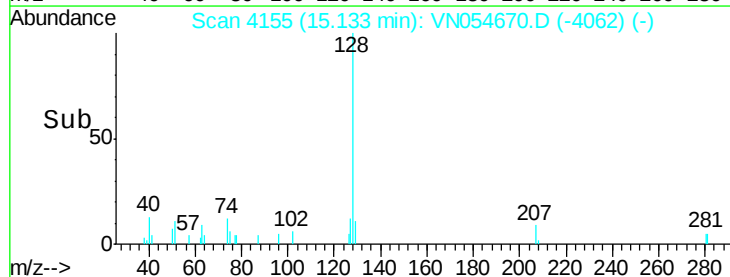
3000

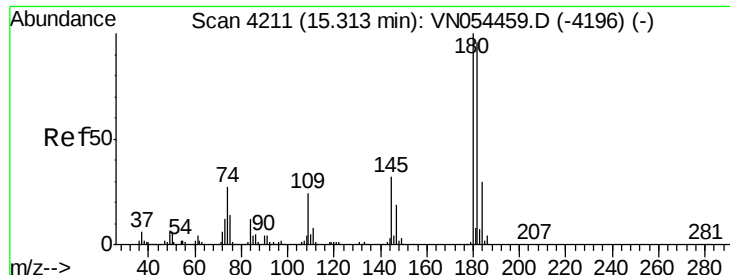
2000

1000

0

Time--> 15.10 15.15 15.20

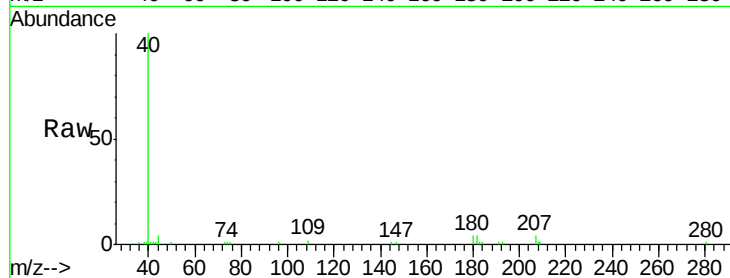




#96
 1,2,3-Trichlorobenzene
 Concen: 0.521 ug/l
 RT: 15.32 min Scan# 4213
 Delta R.T. 0.01 min
 Lab File: VN054670.D
 Acq: 25 Mar 2019 14:07

Instrument :
 MSVOA_N
 ClientSampleId :
 CS-4

Tot Ion	Ratio	Lower	Upper
180	100		
182	91.5	47.5	142.6
145	21.6	14.8	44.3



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

