

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031319\
 Data File : VN054233.D
 Acq On : 14 Mar 2019 1:19
 Operator : JC/SP
 Sample : K1693-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 14 05:24:52 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	7.67	168	1401501	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2305721	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2473851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1128075	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	752588	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
35) Dibromofluoromethane	7.59	113	719088	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
50) Toluene-d8	10.09	98	2906055	52.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.82%	
62) 4-Bromofluorobenzene	12.40	95	1144506	59.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.12%	

Target Compounds

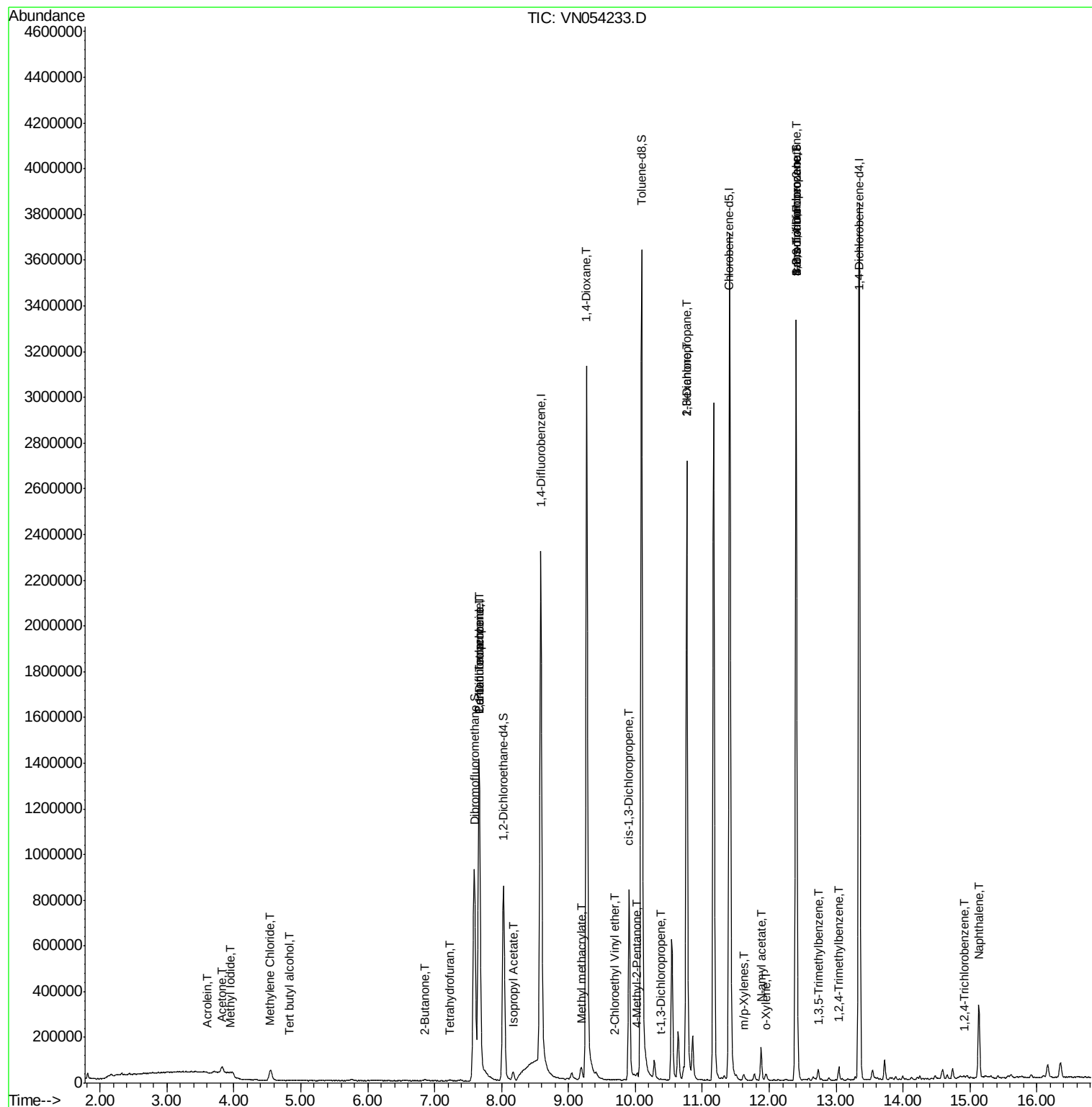
						Qvalue
10) Methyl Iodide	3.94	142	1001	1.543	ug/l #	71
11) Tert butyl alcohol	4.83	59	866	0.849	ug/l #	70
13) Acrolein	3.60	56	358	0.370	ug/l #	75
16) Acetone	3.82	43	42464	9.964	ug/l	97
20) Methylene Chloride	4.55	84	35828	2.560	ug/l	97
25) 2-Butanone	6.85	43	3019	0.604	ug/l #	70
29) Tetrahydrofuran	7.23	42	3032	0.943	ug/l #	51
31) Cyclohexane	7.66	56	20856	Below Cal	#	2
36) 1,1-Dichloropropene	7.67	75	81094	3.819	ug/l #	48
38) Carbon Tetrachloride	7.66	117	112177	5.038	ug/l #	16
43) Isopropyl Acetate	8.18	43	45986	2.147	ug/l	99
48) Methyl methacrylate	9.18	41	17670	1.626	ug/l #	11
49) 1,4-Dioxane	9.27	88	569	3.701	ug/l #	1
51) 4-Methyl-2-Pentanone	10.03	43	19432	1.715	ug/l #	36
53) t-1,3-Dichloropropene	10.38	75	667	2.013	ug/l #	47
54) cis-1,3-Dichloropropene	9.91	75	168324	7.068	ug/l #	62
57) 1,3-Dichloropropane	10.77	76	30821	1.340	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.69	63	77	16.838	ug/l #	44
59) 2-Hexanone	10.77	43	416072	55.174	ug/l #	50
68) m/p-Xylenes	11.62	106	9063	0.258	ug/l	99
69) o-Xylene	11.95	106	7207	0.210	ug/l	93
71) Bromoform	12.40	173	7115	2.801	ug/l #	1
74) N-amyl acetate	11.88	43	42885	2.141	ug/l #	53
76) 1,2,3-Trichloropropane	12.40	75	553472	33.364	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	21178	0.282	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.40	75	553472	114.053	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	32842	0.446	ug/l	97
93) 1,2,4-Trichlorobenzene	14.91	180	3274	2.647	ug/l #	87
95) Naphthalene	15.13	128	308611	9.274	ug/l	100

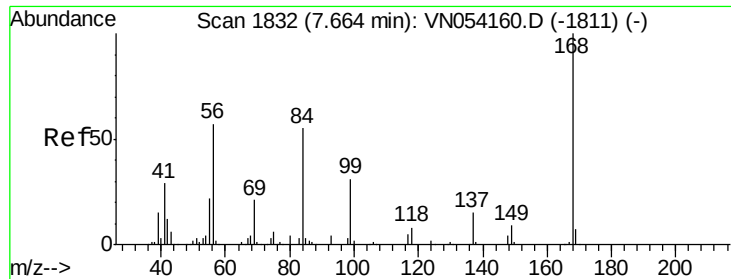
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 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: VN054233.D

Acq: 14 Mar 2019 1:19

Instrument :

MSVOA_N

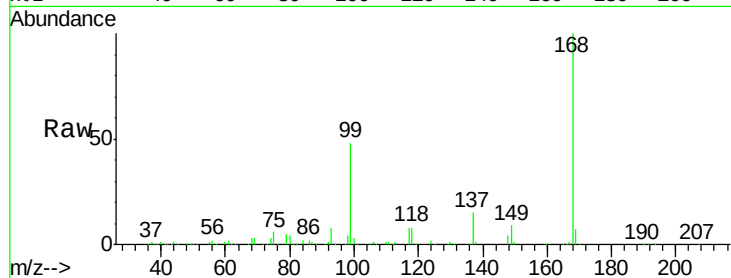
ClientSampleId :

Tot Ion:168 Resp: 1401501

Ion Ratio Lower Upper

168 100

99 48.2 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

600000

500000

400000

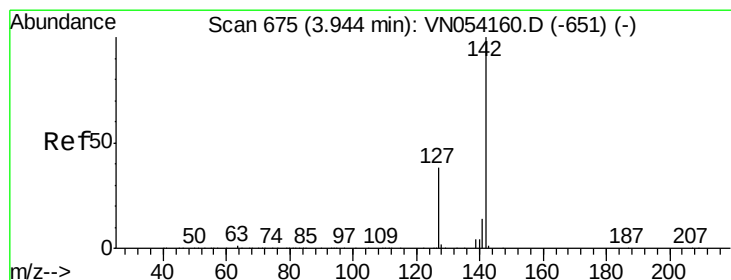
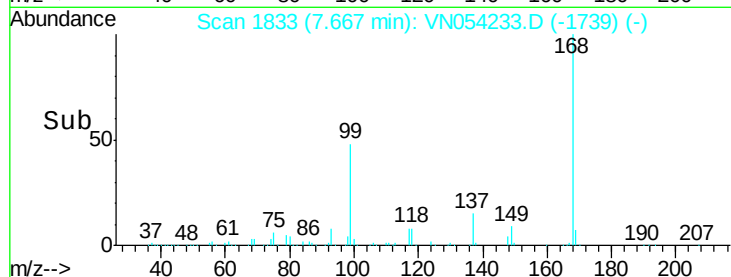
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#10

Methyl Iodide

Concen: 1.543 ug/l

RT: 3.94 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN054233.D

Acq: 14 Mar 2019 1:19

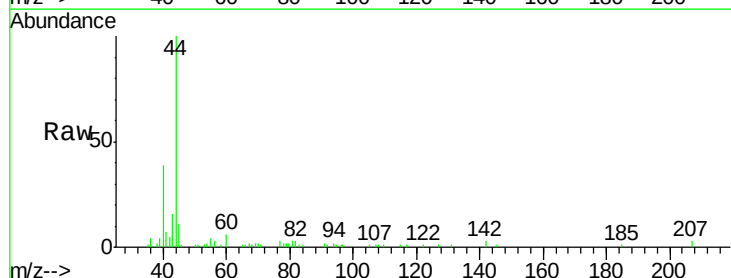
Tgt Ion:142 Resp: 1001

Ion Ratio Lower Upper

142 100

127 21.9 30.3 45.5#

141 0.0 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

600

500

400

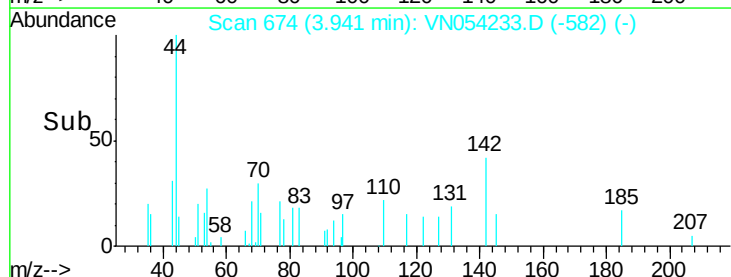
300

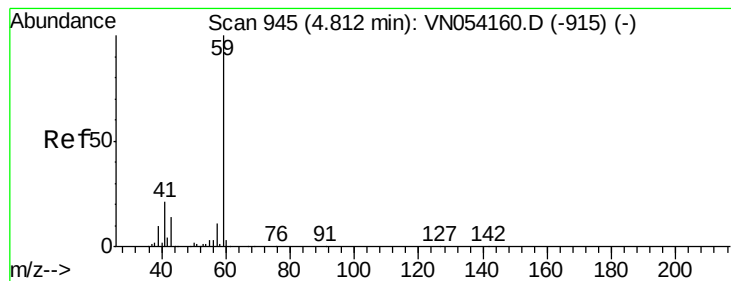
200

100

0

Time--> 3.90 3.95 4.00



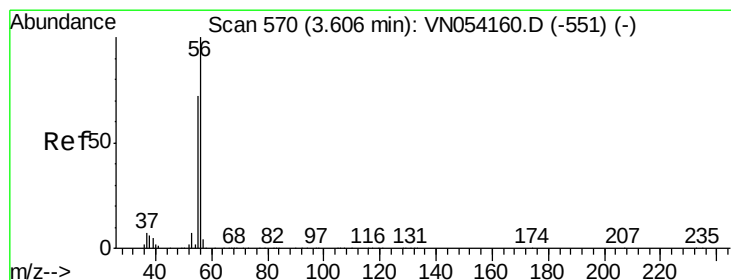
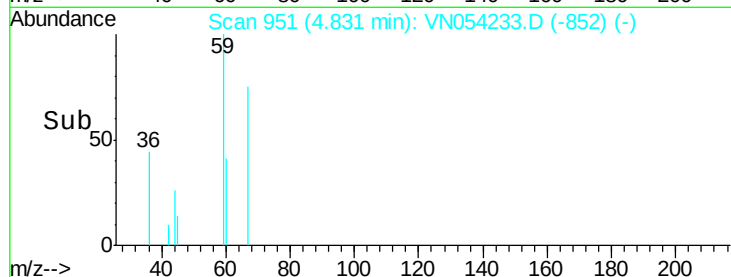
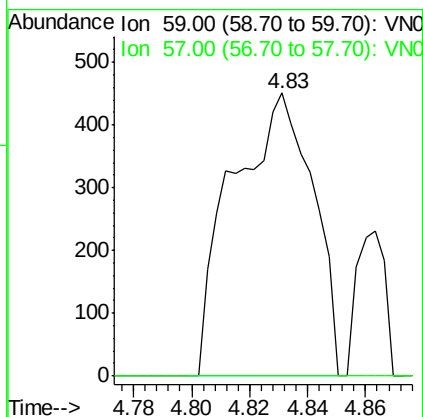
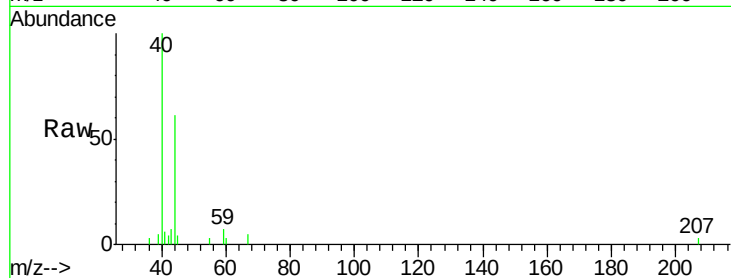


#11

Tert butyl alcohol
Concen: 0.849 ug/l
RT: 4.83 min Scan# 951
Delta R.T. 0.02 min
Lab File: VN054233.D
Acq: 14 Mar 2019 1:19

Instrument :
MSVOA_N
ClientSampleId :

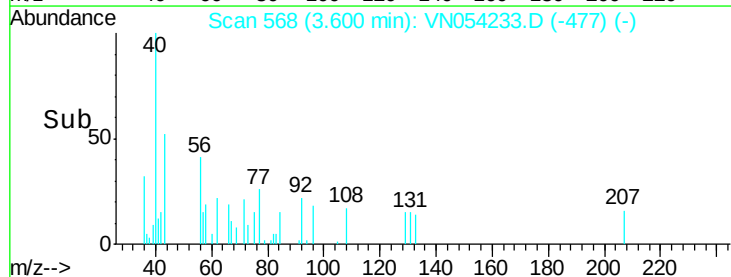
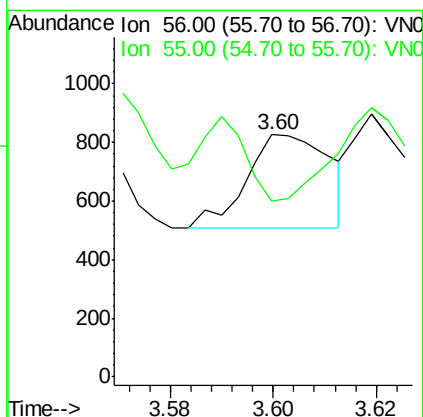
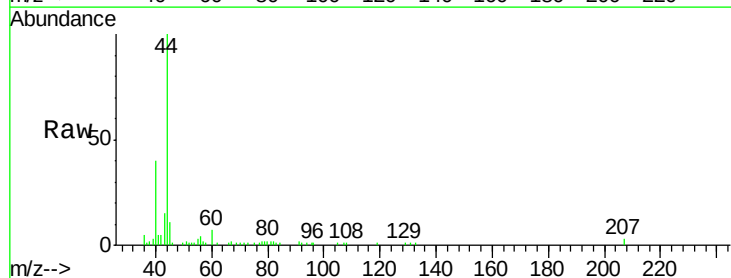
Tot Ion: 59 Resp: 866
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.6#

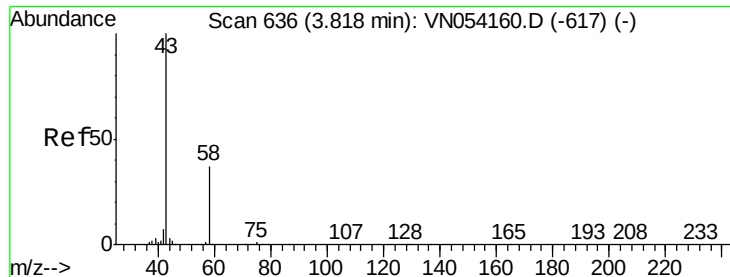


#13

Acrolein
Concen: 0.370 ug/l
RT: 3.60 min Scan# 568
Delta R.T. -0.01 min
Lab File: VN054233.D
Acq: 14 Mar 2019 1:19

Tgt Ion: 56 Resp: 358
Ion Ratio Lower Upper
56 100
55 50.6 56.7 85.1#





#16

Acetone

Concen: 9.964 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN054233.D

Acq: 14 Mar 2019 1:19

Instrument :

MSVOA_N

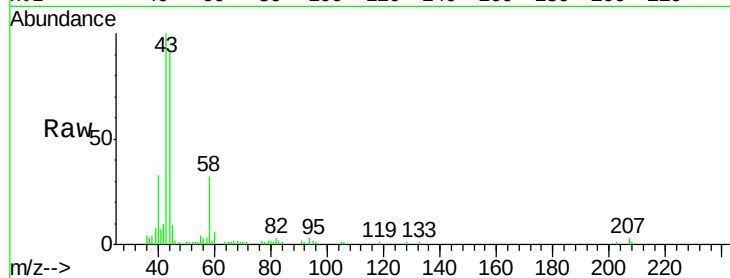
ClientSampleId :

Tot Ion: 43 Resp: 42464

Ion Ratio Lower Upper

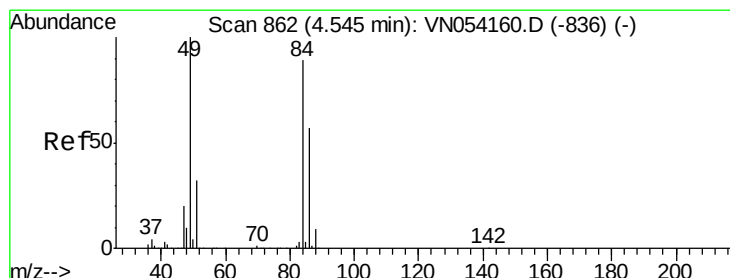
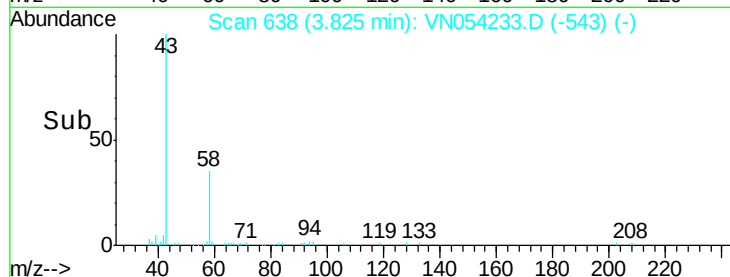
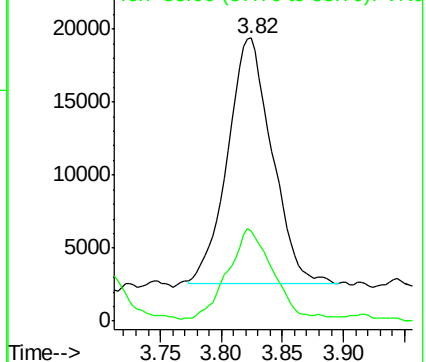
43 100

58 35.8 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#20

Methylene Chloride

Concen: 2.560 ug/l

RT: 4.55 min Scan# 862

Delta R.T. 0.00 min

Lab File: VN054233.D

Acq: 14 Mar 2019 1:19

Tgt Ion: 84 Resp: 35828

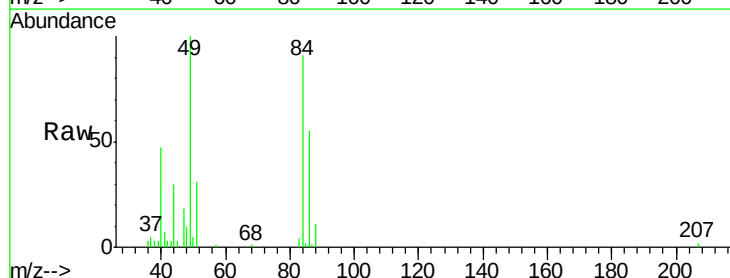
Ion Ratio Lower Upper

84 100

49 108.3 89.7 134.5

51 33.5 28.2 42.4

86 60.8 50.8 76.2

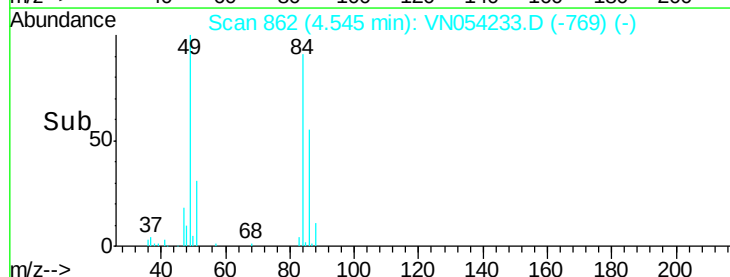
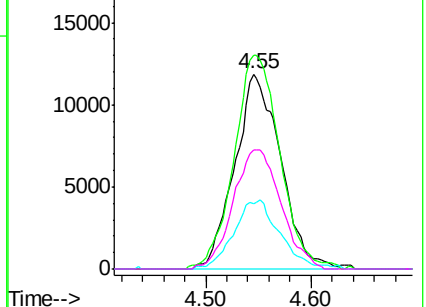


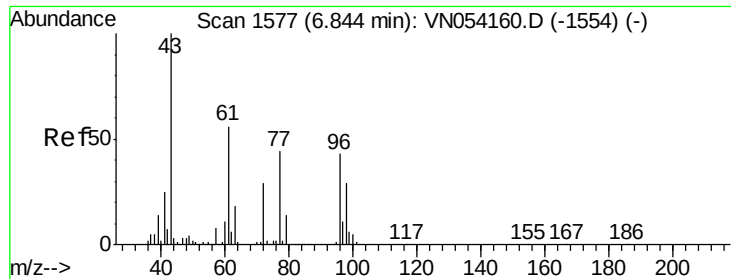
Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0





#25

2-Butanone

Concen: 0.604 ug/l

RT: 6.85 min Scan# 1579

Delta R.T. 0.01 min

Lab File: VN054233.D

Acq: 14 Mar 2019 1:19

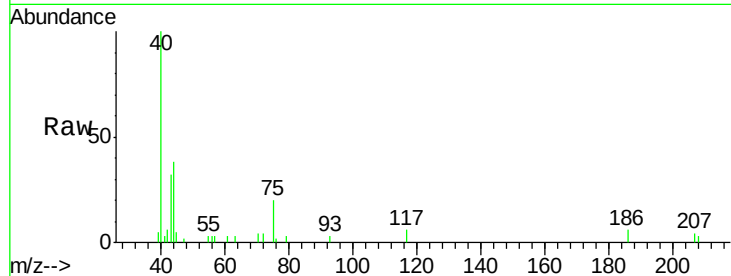
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 3019

Ion Ratio Lower Upper

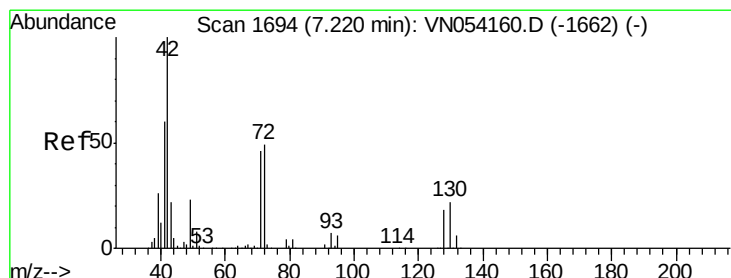
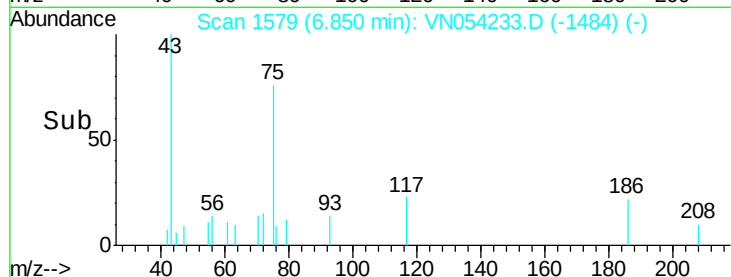
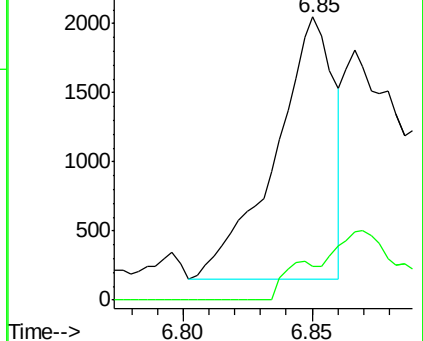
43 100

72 12.7 23.0 34.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#29

Tetrahydrofuran

Concen: 0.943 ug/l

RT: 7.23 min Scan# 1697

Delta R.T. 0.01 min

Lab File: VN054233.D

Acq: 14 Mar 2019 1:19

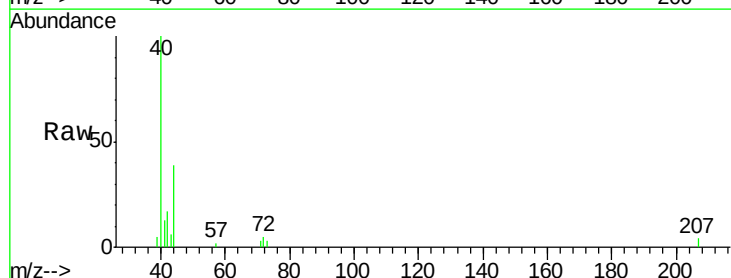
Tgt Ion: 42 Resp: 3032

Ion Ratio Lower Upper

42 100

72 8.5 37.8 56.6#

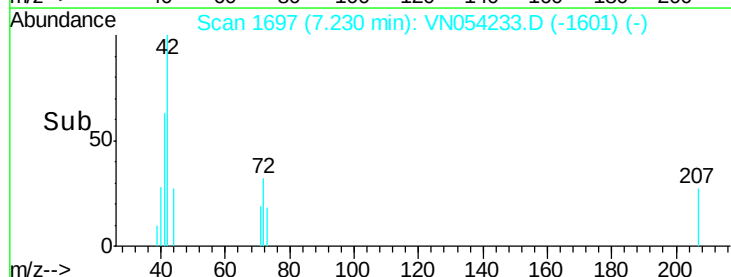
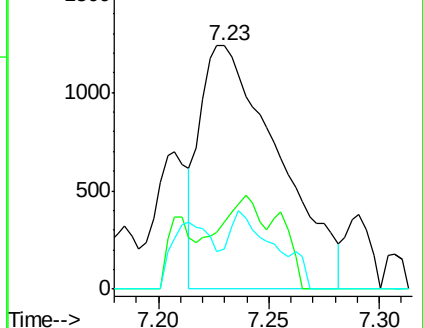
71 19.3 36.2 54.2#

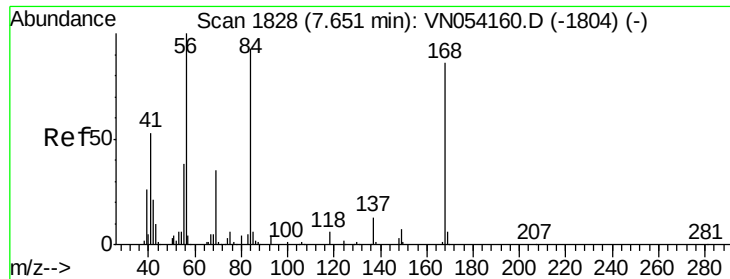


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

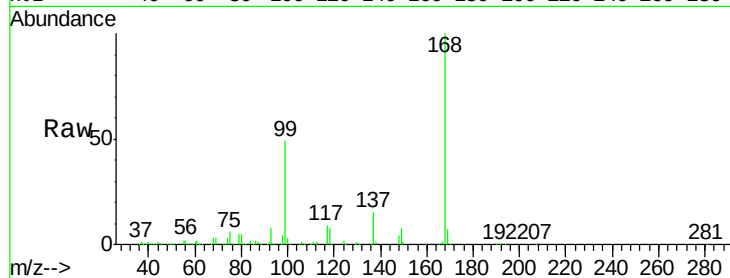




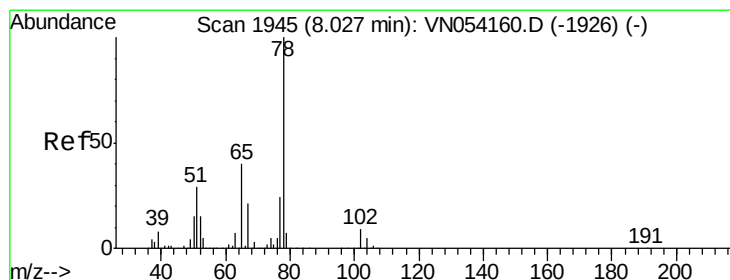
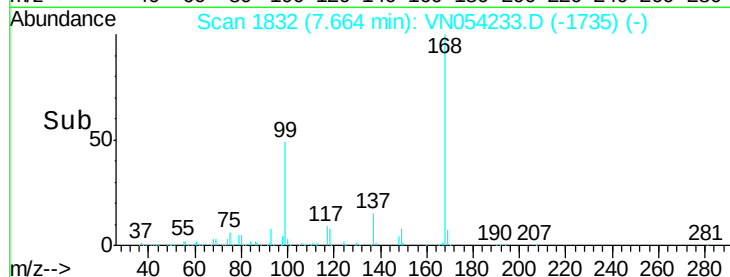
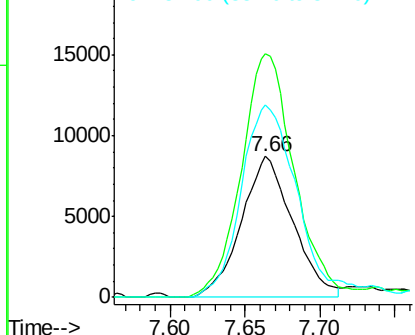
#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN054233.D
Acq: 14 Mar 2019 1:19

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 20856
Ion Ratio Lower Upper
56 100
69 172.9 27.8 41.6#
84 136.6 74.6 111.8#

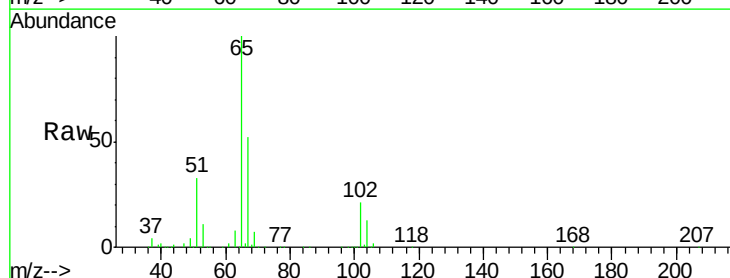


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

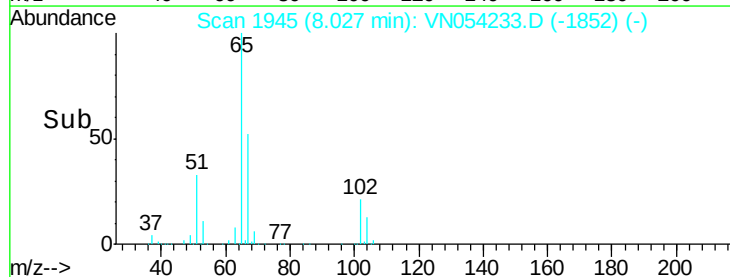
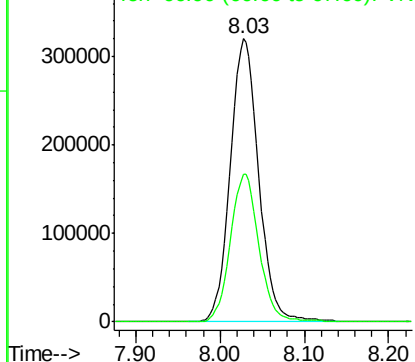


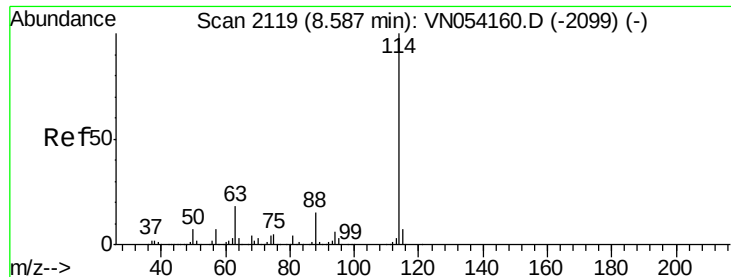
#33
1,2-Dichloroethane-d4
Concen: 50.564 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054233.D
Acq: 14 Mar 2019 1:19

Tgt Ion: 65 Resp: 752588
Ion Ratio Lower Upper
65 100
67 52.4 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: VN054233.D

Acq: 14 Mar 2019 1:19

Instrument :

MSVOA_N

ClientSampled :

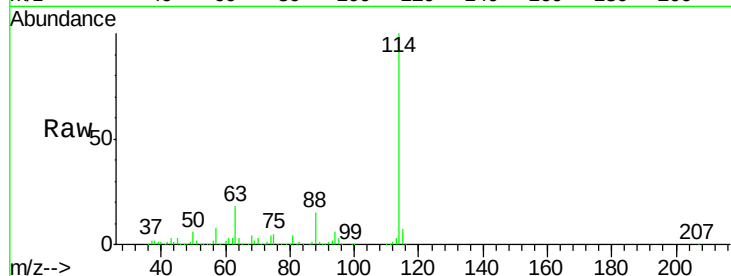
Tot Ion:114 Resp: 2305721

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.2

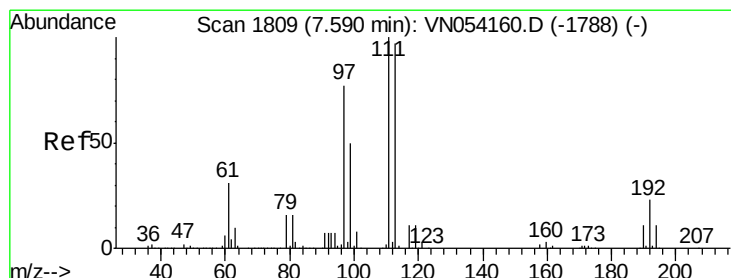
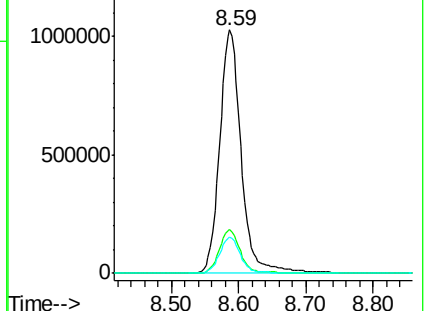
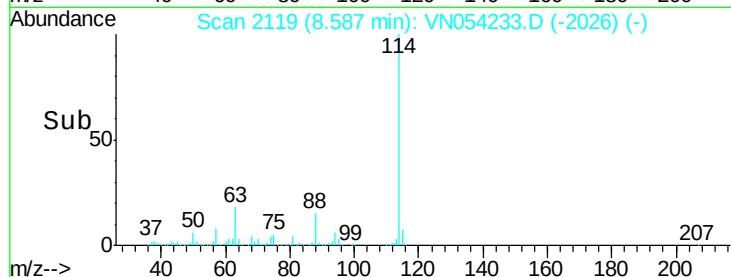
88 14.7 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 48.355 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054233.D

Acq: 14 Mar 2019 1:19

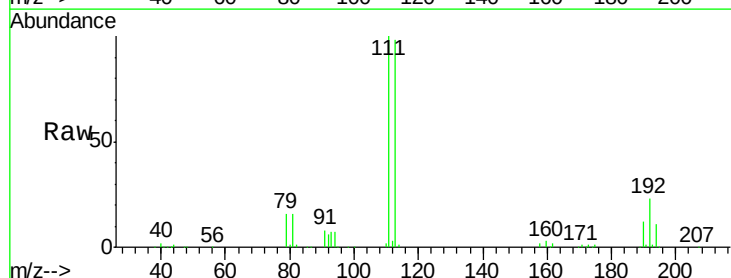
Tgt Ion:113 Resp: 719088

Ion Ratio Lower Upper

113 100

111 101.2 82.2 123.4

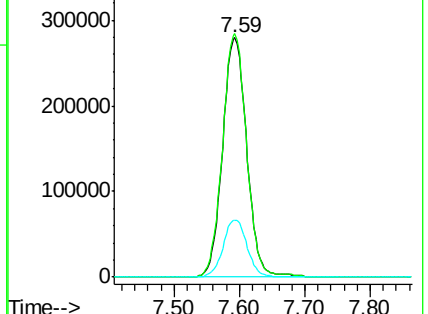
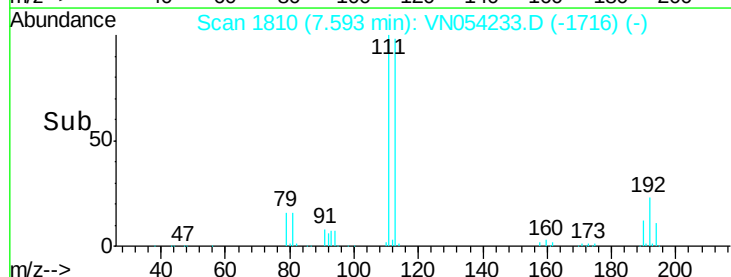
192 23.7 19.2 28.8

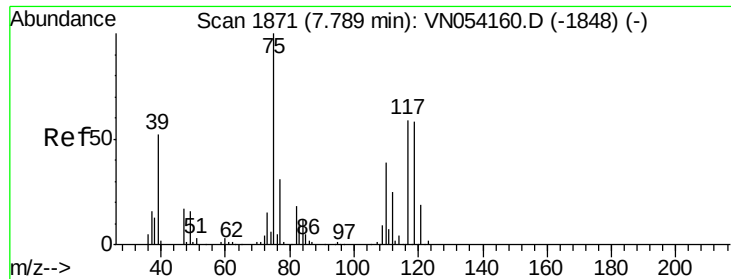


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

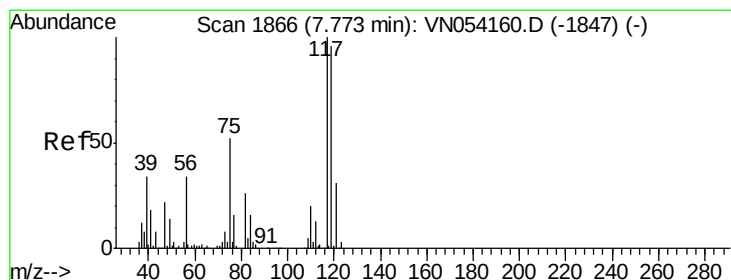
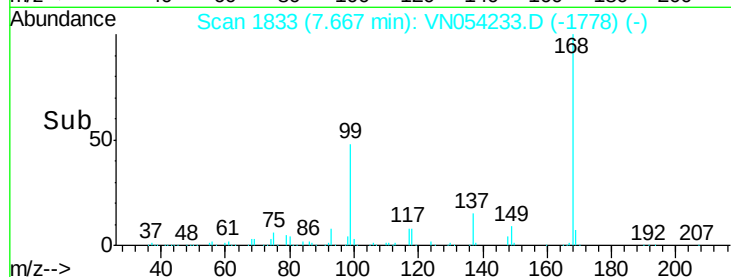
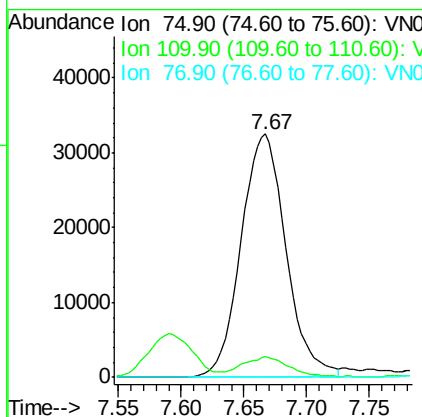
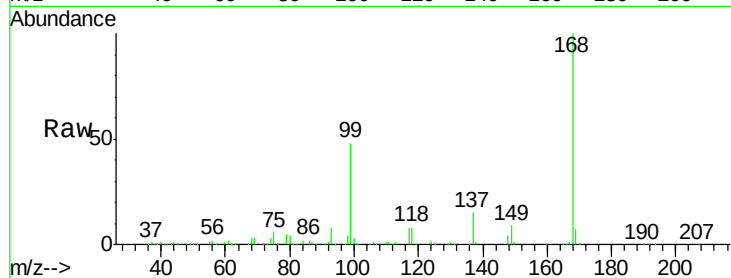




#36
 1,1-Dichloropropene
 Concen: 3.819 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.12 min
 Lab File: VN054233.D
 Acq: 14 Mar 2019 1:19

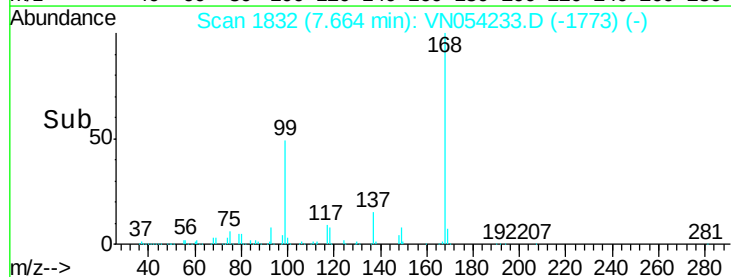
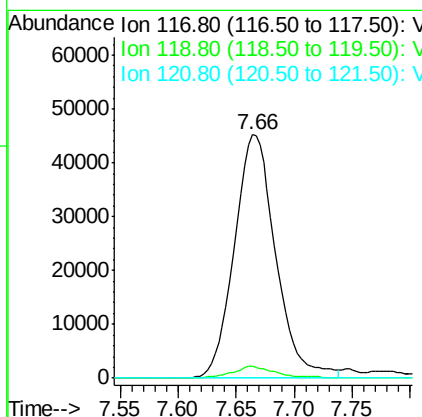
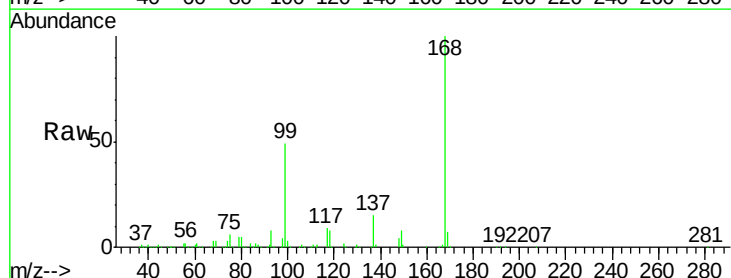
Instrument :
 MSVOA_N
 ClientSampled :

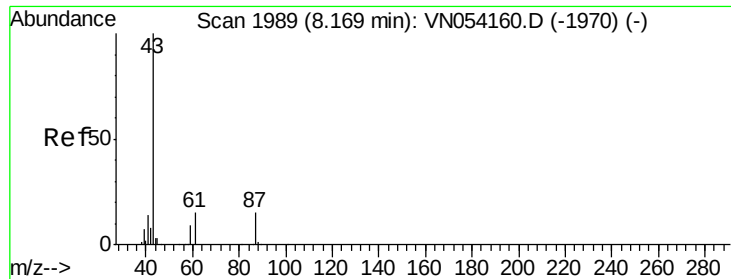
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.0	19.1	57.5#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 5.038 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN054233.D
 Acq: 14 Mar 2019 1:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.9	76.3	114.5#
121	0.0	24.6	36.8#





#43

Isopropyl Acetate

Concen: 2.147 ug/l

RT: 8.18 min Scan# 1991

Delta R.T. 0.01 min

Lab File: VN054233.D

Acq: 14 Mar 2019 1:19

Instrument :

MSVOA_N

ClientSampleId :

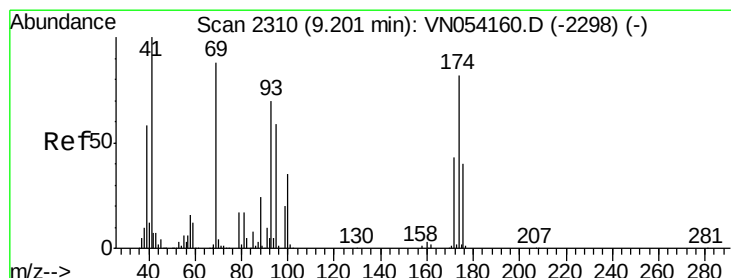
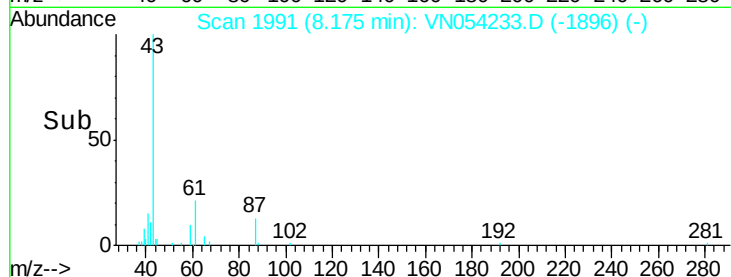
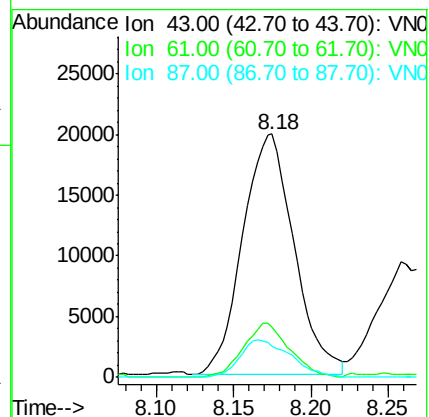
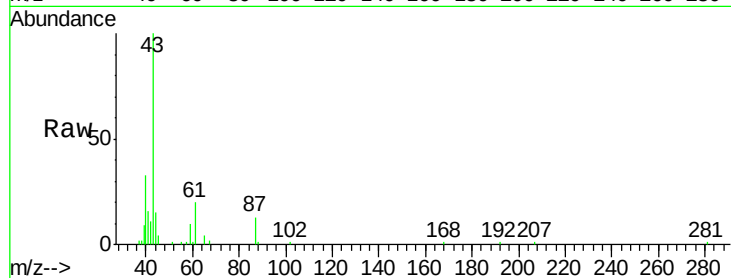
Tot Ion: 43 Resp: 45986

Ion Ratio Lower Upper

43 100

61 20.1 15.8 23.8

87 15.3 12.0 18.0



#48

Methyl methacrylate

Concen: 1.626 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.02 min

Lab File: VN054233.D

Acq: 14 Mar 2019 1:19

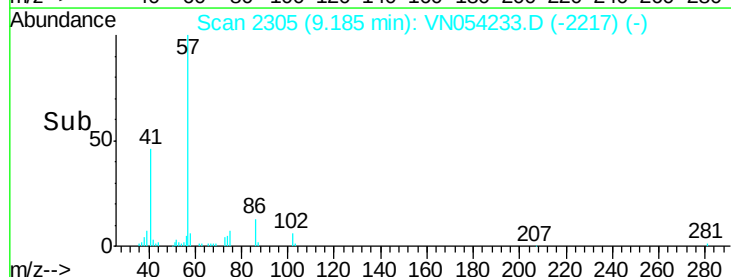
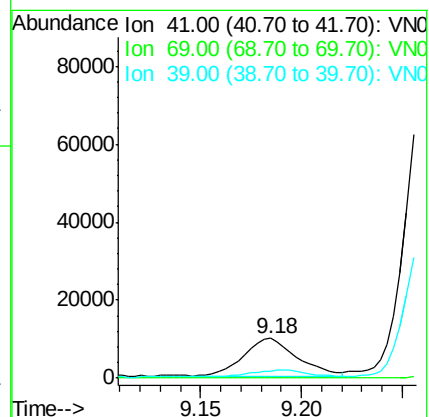
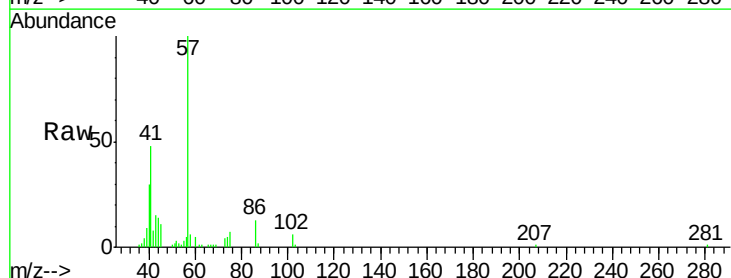
Tgt Ion: 41 Resp: 17670

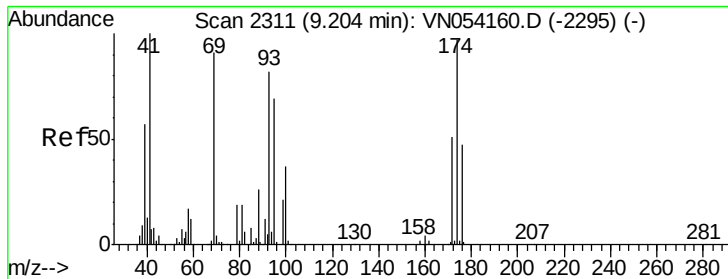
Ion Ratio Lower Upper

41 100

69 0.4 72.6 108.8#

39 0.0 47.5 71.3#

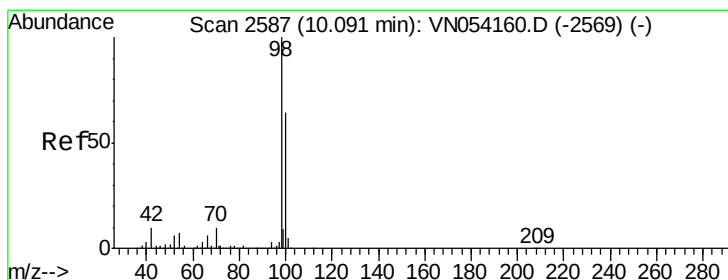
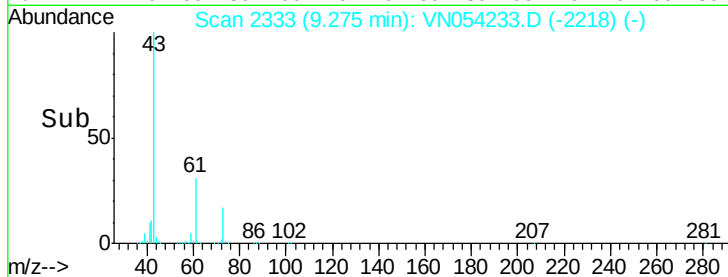
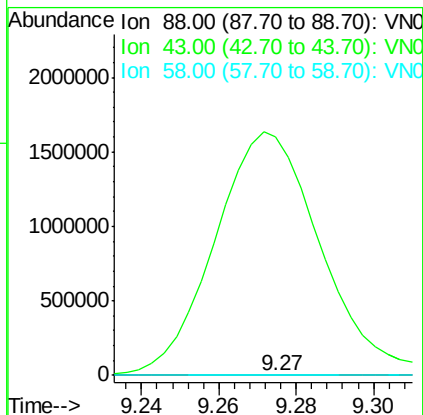
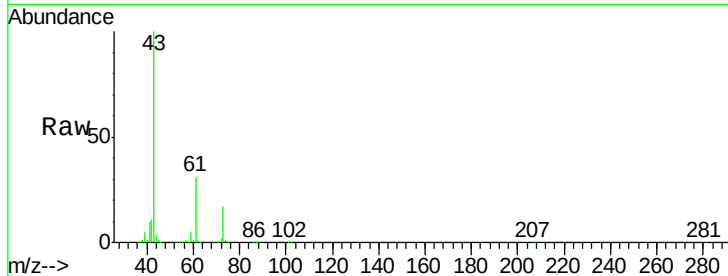




#49
1,4-Dioxane
Concen: 3.701 ug/l
RT: 9.27 min Scan# 2333
Delta R.T. 0.07 min
Lab File: VN054233.D
Acq: 14 Mar 2019 1:19

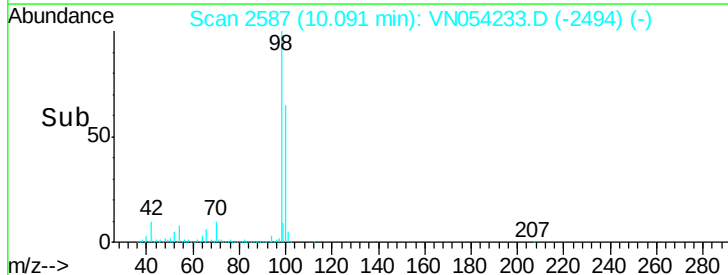
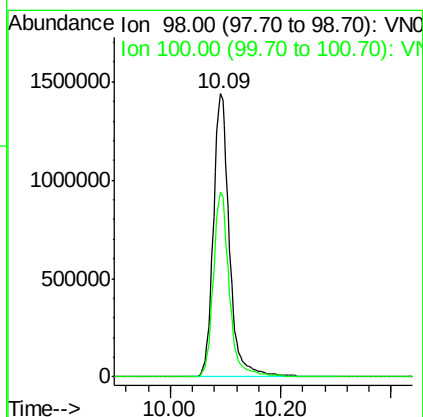
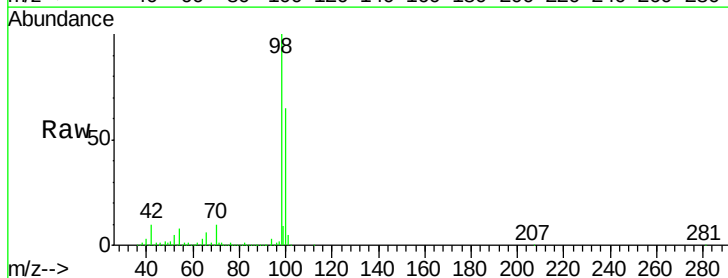
Instrument :
MSVOA_N
ClientSampled :

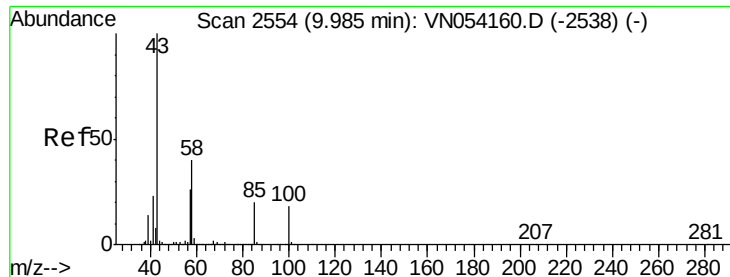
Tot Ion: 88 Resp: 569
Ion Ratio Lower Upper
88 100
43 577263.8 24.1 36.1#
58 2170.5 50.8 76.2#



#50
Toluene-d8
Concen: 52.914 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054233.D
Acq: 14 Mar 2019 1:19

Tgt Ion: 98 Resp: 2906055
Ion Ratio Lower Upper
98 100
100 64.6 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 1.715 ug/l

RT: 10.03 min Scan# 2567

Delta R.T. 0.04 min

Lab File: VN054233.D

Acq: 14 Mar 2019 1:19

Instrument :

MSVOA_N

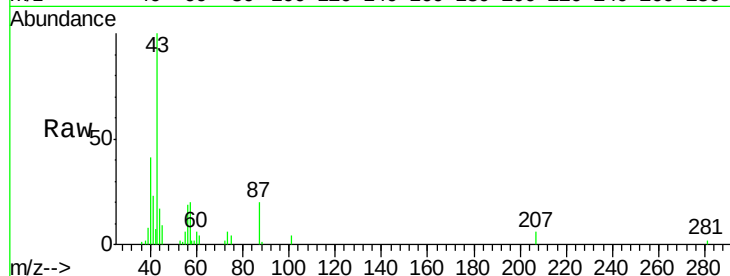
ClientSampled :

Tot Ion: 43 Resp: 19432

Ion Ratio Lower Upper

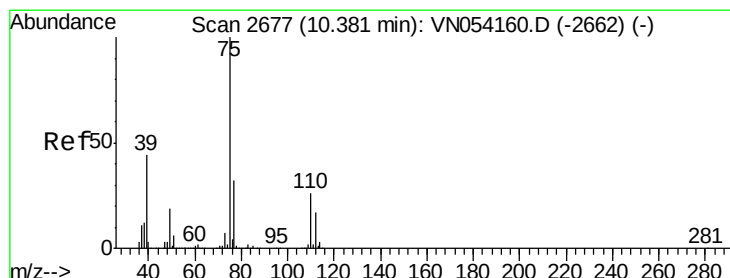
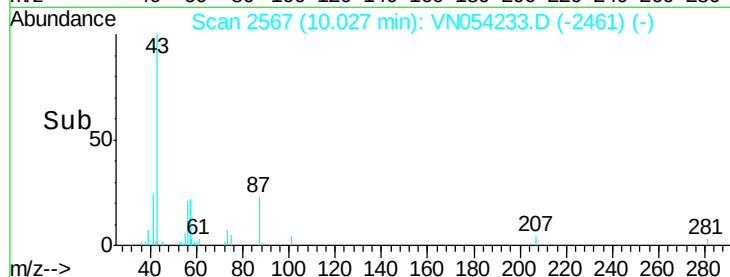
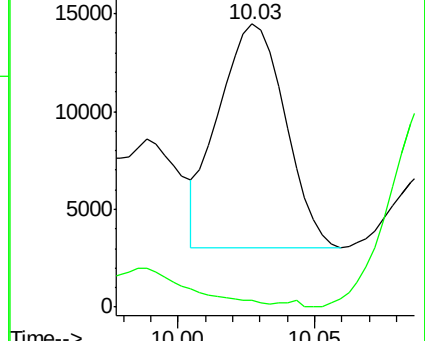
43 100

58 0.0 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: 2.013 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN054233.D

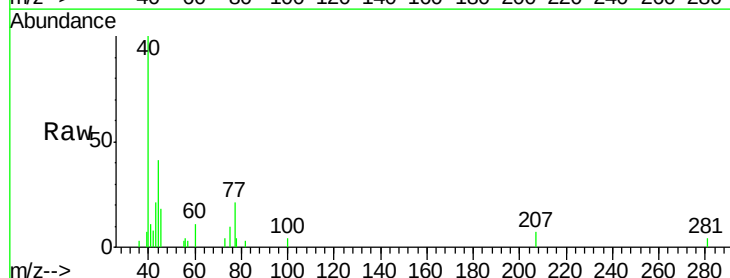
Acq: 14 Mar 2019 1:19

Tgt Ion: 75 Resp: 667

Ion Ratio Lower Upper

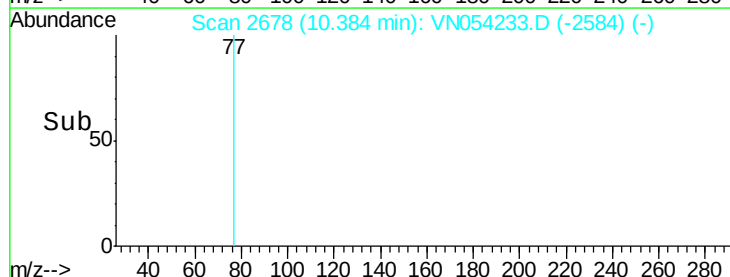
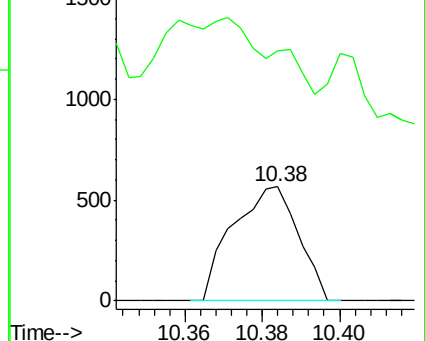
75 100

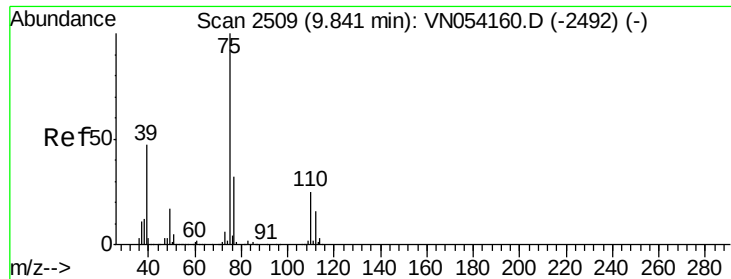
77 2.7 25.8 38.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



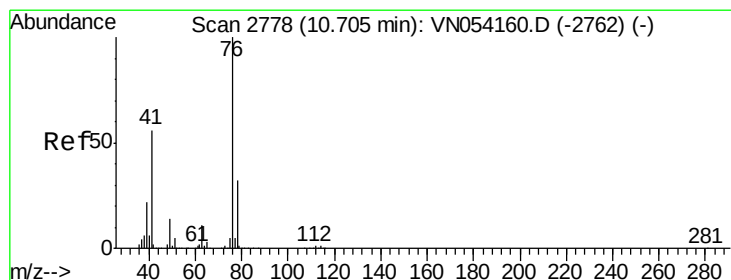
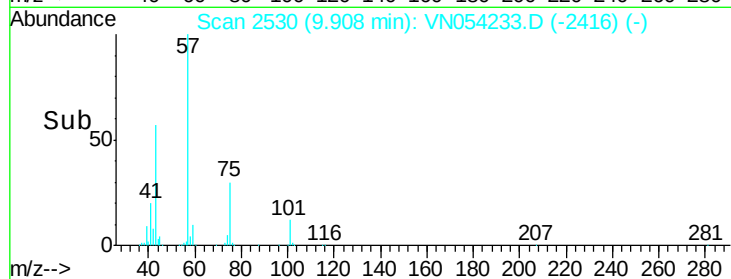
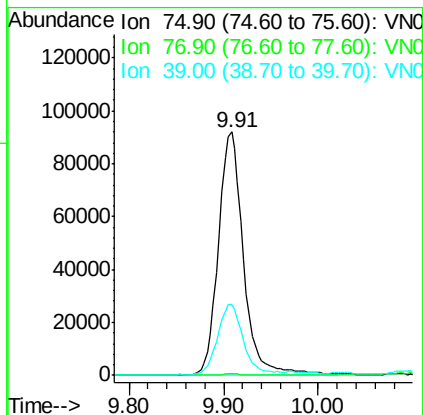
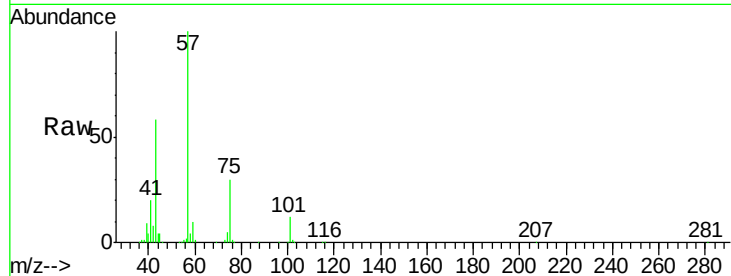


#54

cis-1,3-Dichloropropene
 Concen: 7.068 ug/l
 RT: 9.91 min Scan# 2530
 Delta R.T. 0.07 min
 Lab File: VN054233.D
 Acq: 14 Mar 2019 1:19

Instrument :
 MSVOA_N
 ClientSampleId :

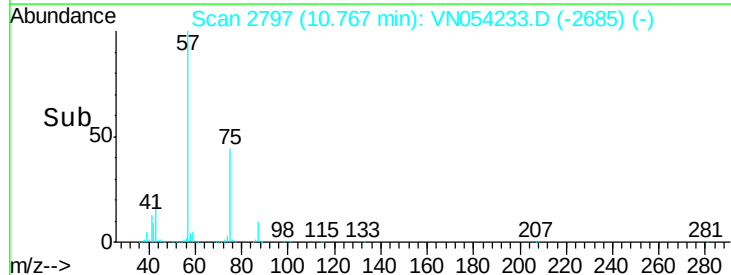
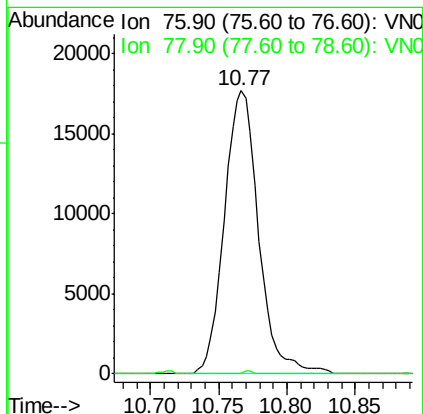
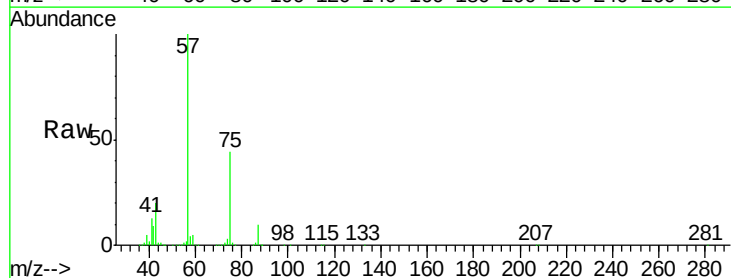
Tot Ion: 75 Resp: 168324
 Ion Ratio Lower Upper
 75 100
 77 0.6 25.4 38.0#
 39 29.0 37.2 55.8#

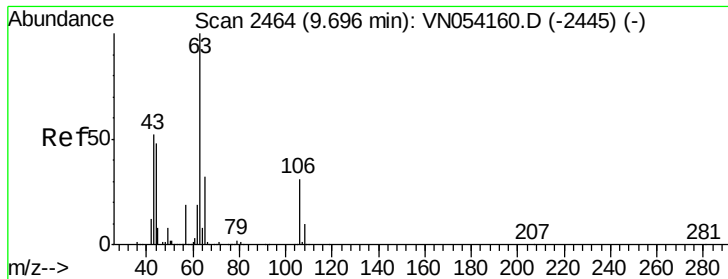


#57

1,3-Dichloropropane
 Concen: 1.340 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.06 min
 Lab File: VN054233.D
 Acq: 14 Mar 2019 1:19

Tgt Ion: 76 Resp: 30821
 Ion Ratio Lower Upper
 76 100
 78 0.2 25.7 38.5#





#58

2-Chloroethyl Vinyl ether

Concen: 16.838 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN054233.D

Acq: 14 Mar 2019 1:19

Instrument :

MSVOA_N

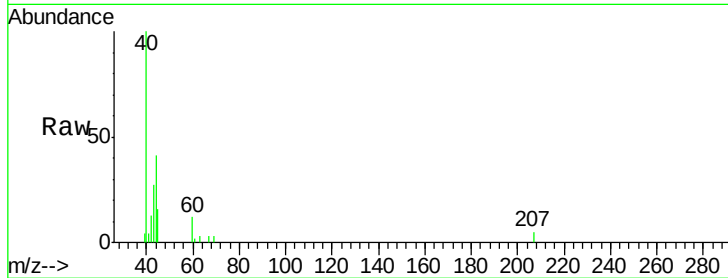
ClientSampleId :

Tot Ion: 63 Resp: 77

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): VN0

9.69

200

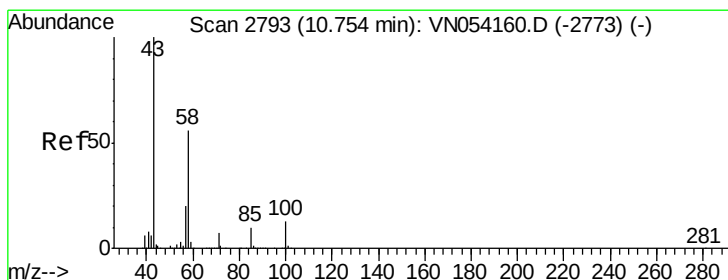
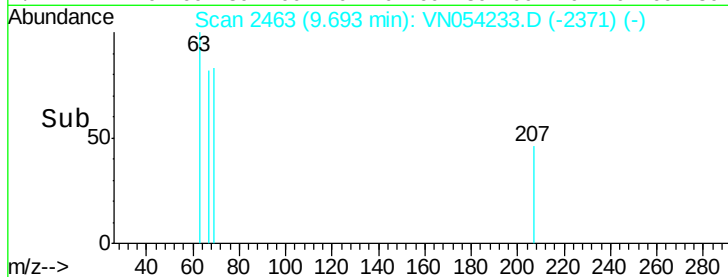
150

100

50

0

Time--> 9.68 9.69 9.70



#59

2-Hexanone

Concen: 55.174 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.01 min

Lab File: VN054233.D

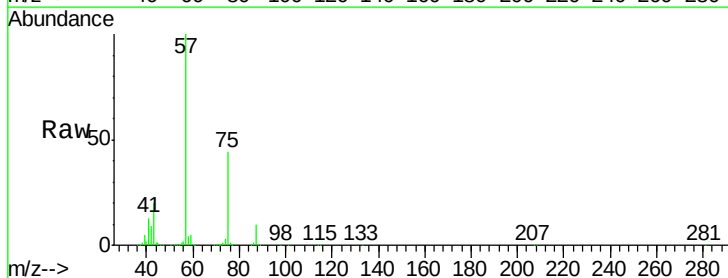
Acq: 14 Mar 2019 1:19

Tgt Ion: 43 Resp: 416072

Ion Ratio Lower Upper

43 100

58 19.2 28.0 83.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

10.77

250000

200000

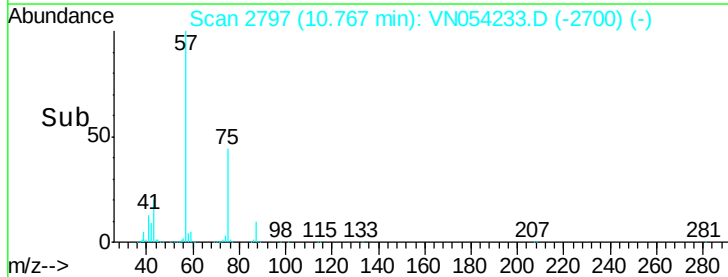
150000

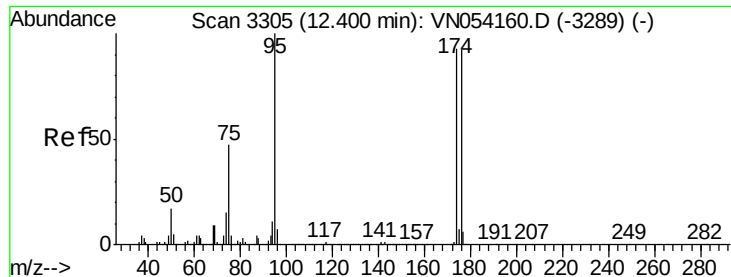
100000

50000

0

Time--> 10.70 10.75 10.80





#62

4-Bromofluorobenzene

Concen: 59.558 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054233.D

Acq: 14 Mar 2019 1:19

Instrument :

MSVOA_N

ClientSampled :

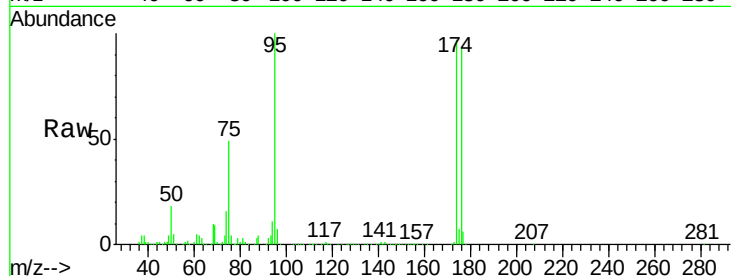
Tot Ion: 95 Resp: 1144506

Ion Ratio Lower Upper

95 100

174 97.1 0.0 191.0

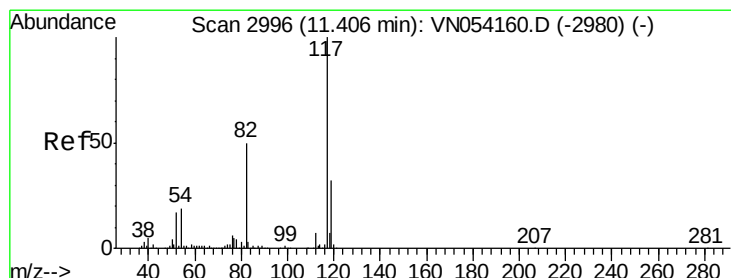
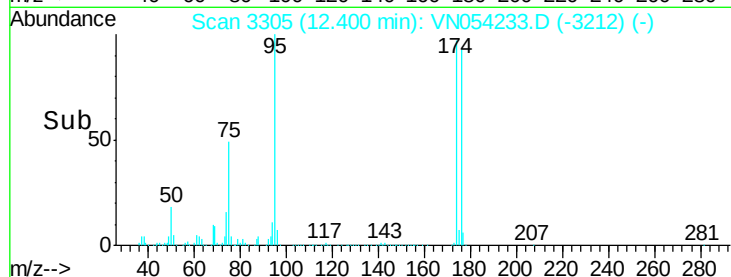
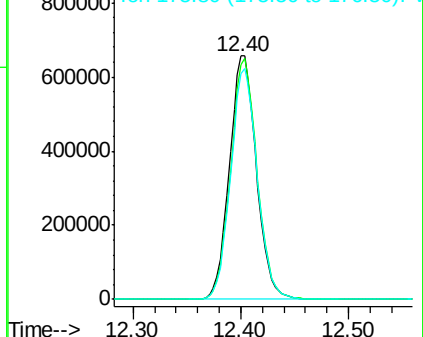
176 93.8 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054233.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN054233.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN054233.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN054233.D

Acq: 14 Mar 2019 1:19

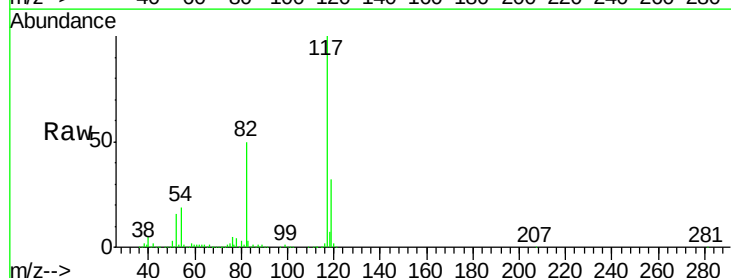
Tgt Ion: 117 Resp: 2473851

Ion Ratio Lower Upper

117 100

82 50.0 40.0 60.0

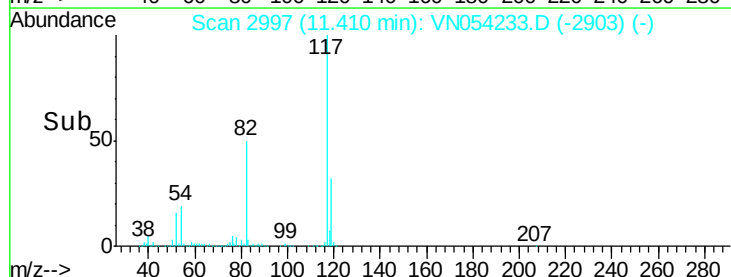
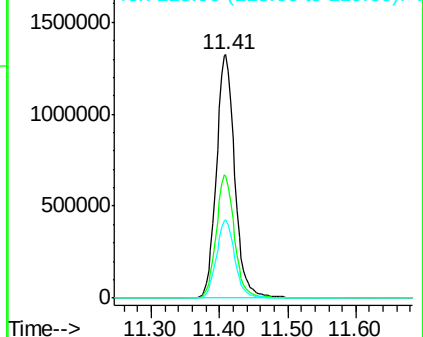
119 32.0 25.8 38.6

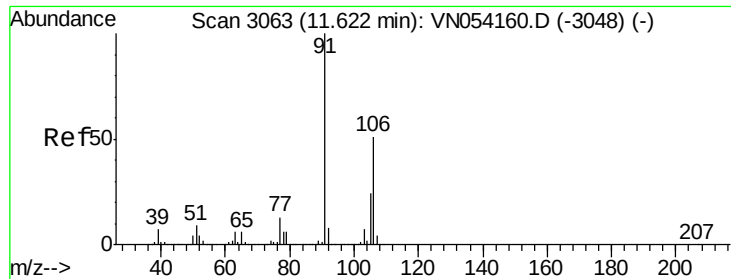


Abundance Ion 116.90 (116.60 to 117.60): VN054233.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN054233.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN054233.D (-2903) (-)

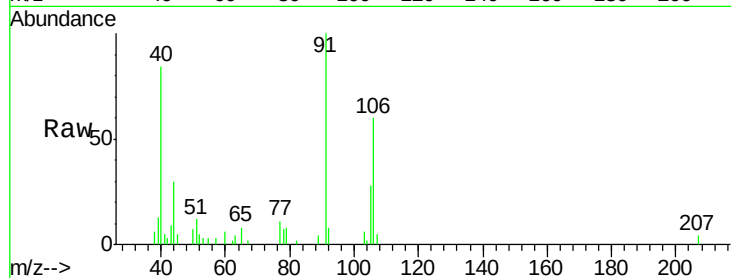




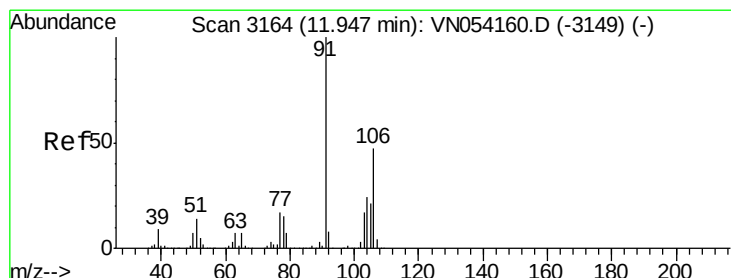
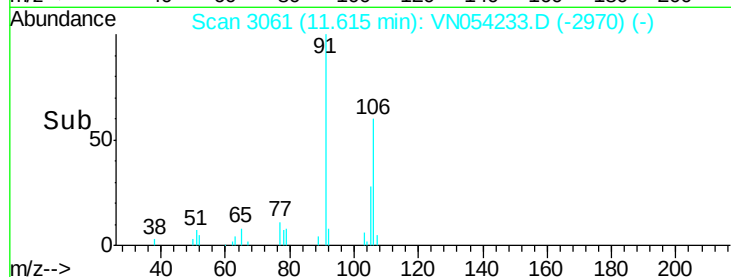
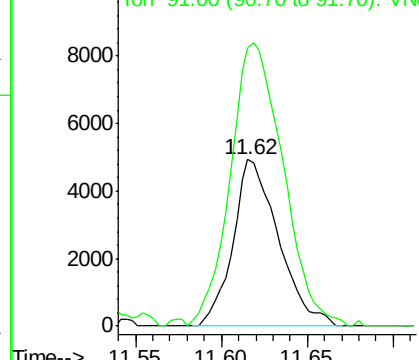
#68
m/p-Xylenes
Concen: 0.258 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN054233.D
Acq: 14 Mar 2019 1:19

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:106 Resp: 9063
Ion Ratio Lower Upper
106 100
91 197.4 159.4 239.2

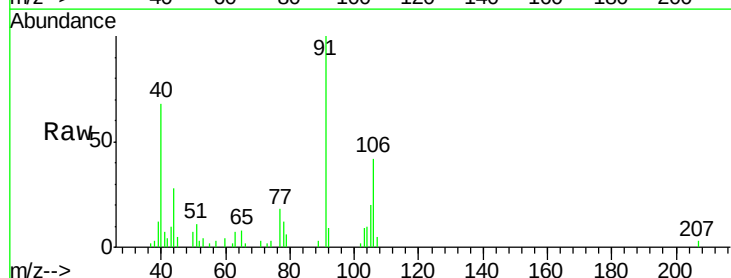


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

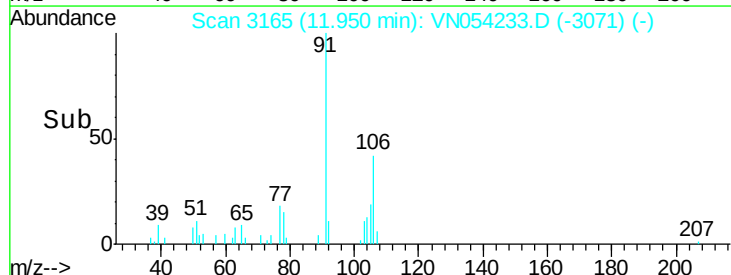
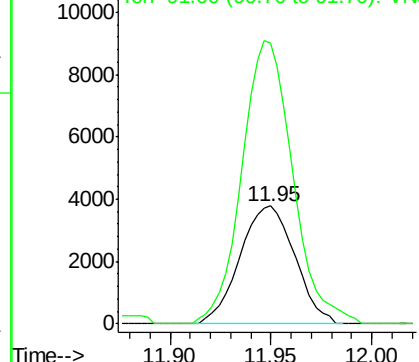


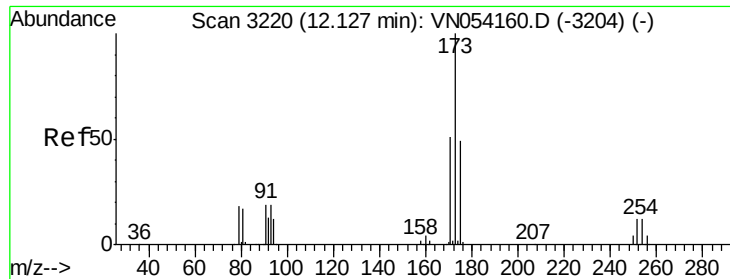
#69
o-Xylene
Concen: 0.210 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN054233.D
Acq: 14 Mar 2019 1:19

Tgt Ion:106 Resp: 7207
Ion Ratio Lower Upper
106 100
91 222.6 105.7 317.1



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





#71

Bromoform

Concen: 2.801 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN054233.D

Acq: 14 Mar 2019 1:19

Instrument :

MSVOA_N

ClientSampleId :

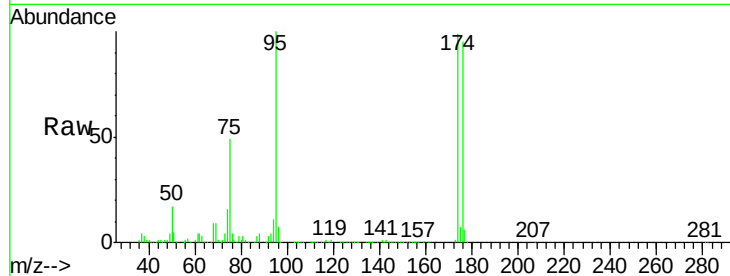
Tot Ion:173 Resp: 7115

Ion Ratio Lower Upper

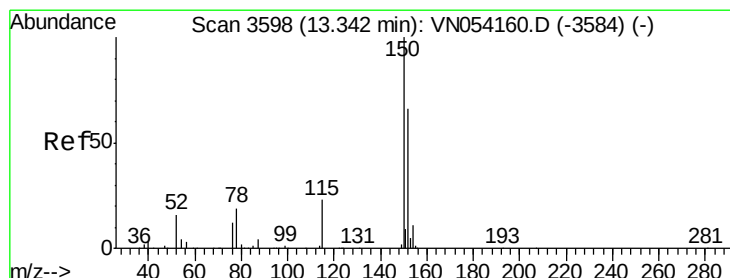
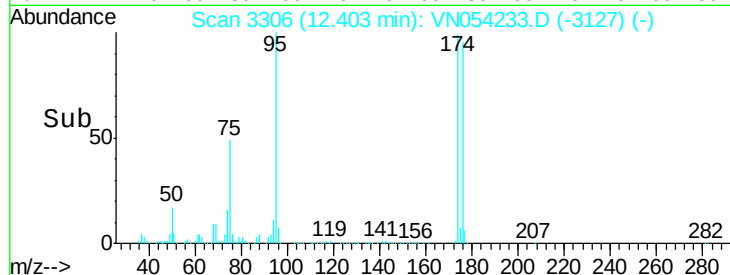
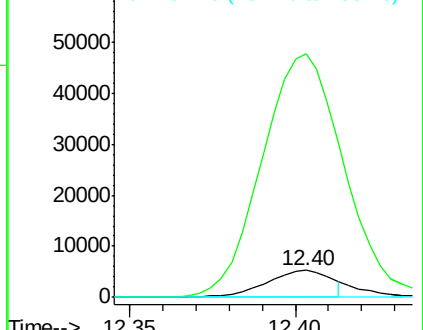
173 100

175 981.0 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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054233.D

Acq: 14 Mar 2019 1:19

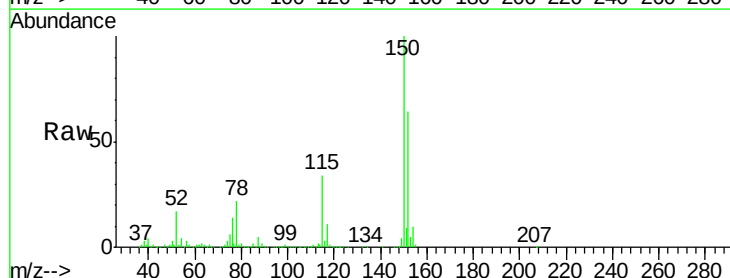
Tgt Ion:152 Resp: 1128075

Ion Ratio Lower Upper

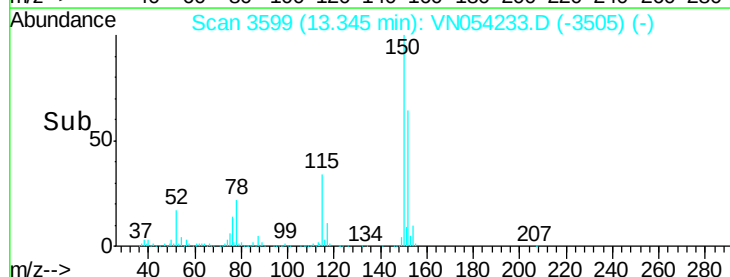
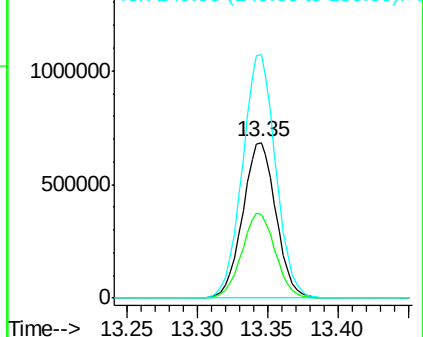
152 100

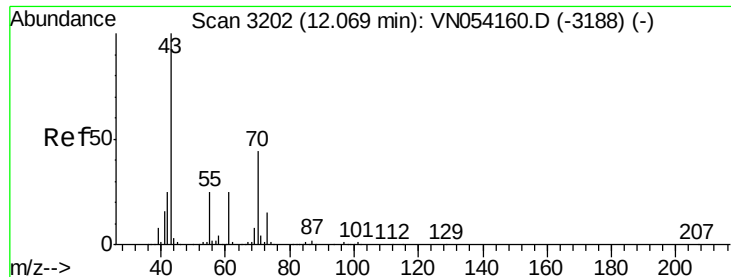
115 54.7 27.2 81.6

150 156.6 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

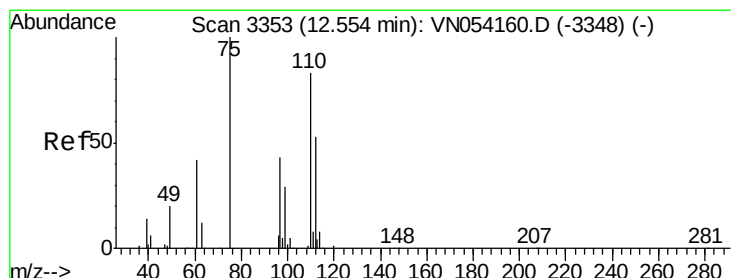
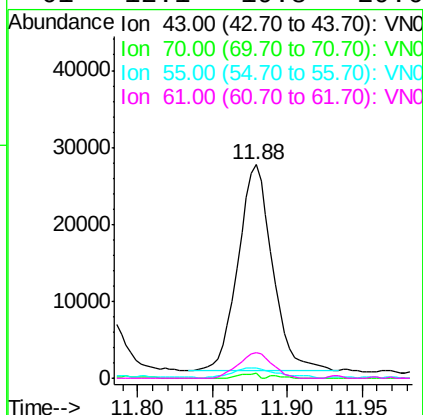
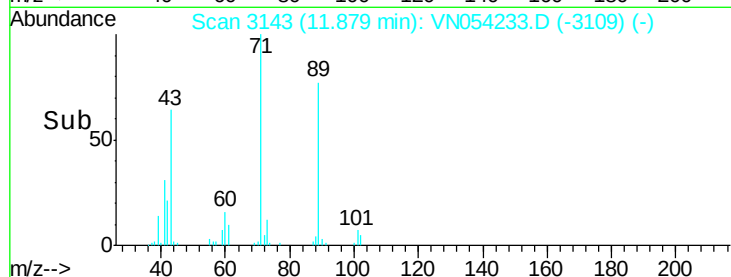
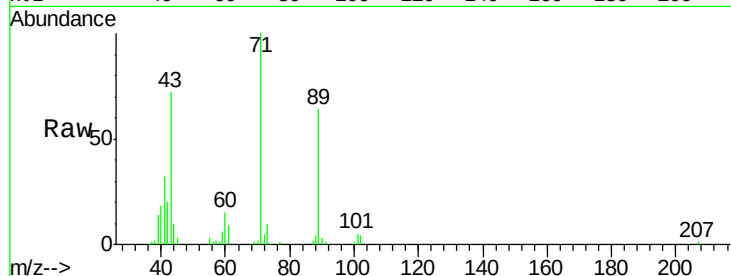




#74
N-amyl acetate
Concen: 2.141 ug/l
RT: 11.88 min Scan# 3143
Delta R.T. -0.19 min
Lab File: VN054233.D
Acq: 14 Mar 2019 1:19

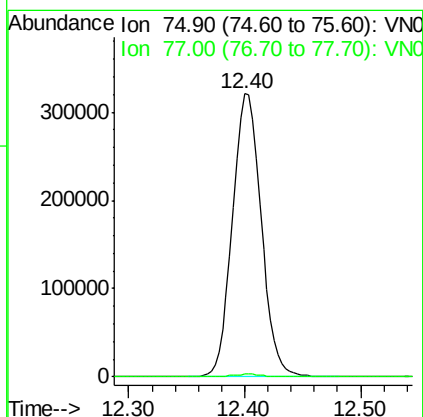
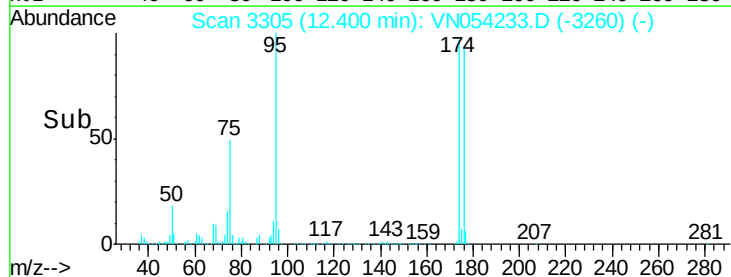
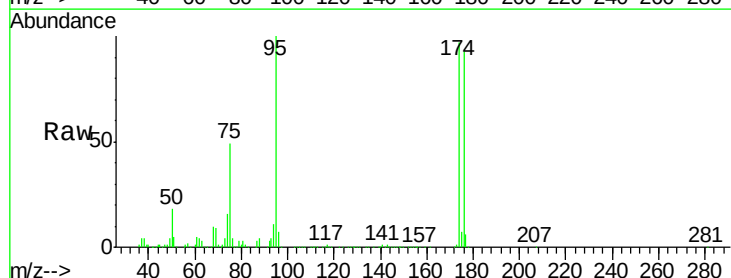
Instrument :
MSVOA_N
ClientSampleId :

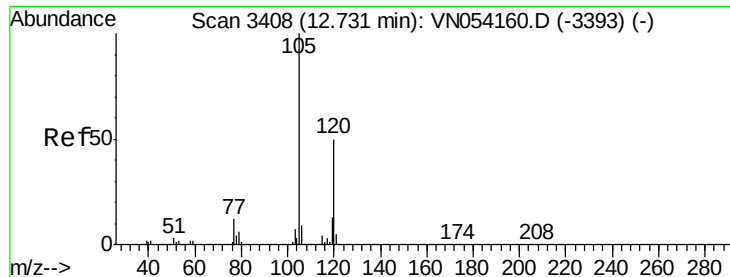
Tot Ion: 43 Resp: 42885
Ion Ratio Lower Upper
43 100
70 1.3 35.4 53.0#
55 6.7 19.8 29.6#
61 12.1 19.8 29.6#



#76
1,2,3-Trichloropropane
Concen: 33.364 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN054233.D
Acq: 14 Mar 2019 1:19

Tgt Ion: 75 Resp: 553472
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#





#80

1,3,5-Trimethylbenzene

Concen: 0.282 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN054233.D

Acq: 14 Mar 2019 1:19

Instrument :

MSVOA_N

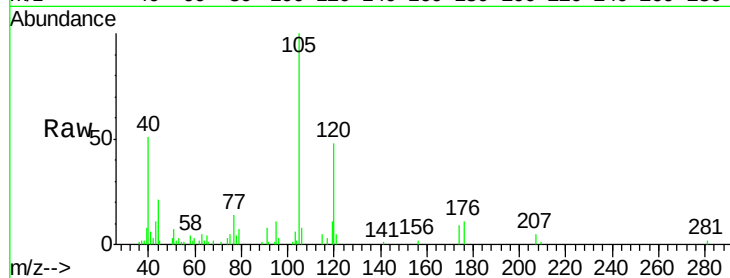
ClientSampleId :

Tot Ion:105 Resp: 21178

Ion Ratio Lower Upper

105 100

120 52.8 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.73

15000

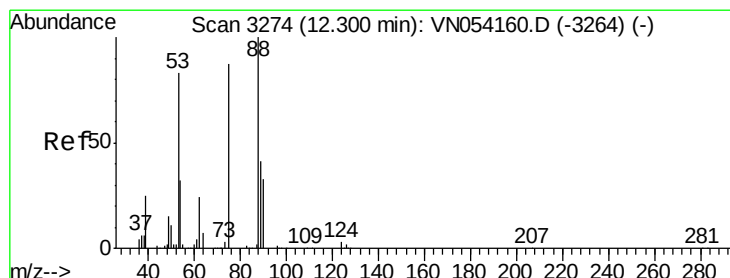
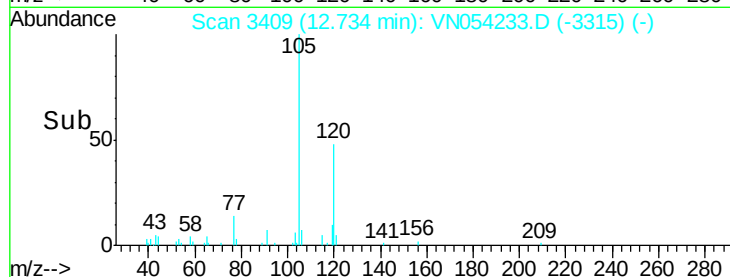
10000

5000

0

12.70 12.75 12.80

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 114.053 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054233.D

Acq: 14 Mar 2019 1:19

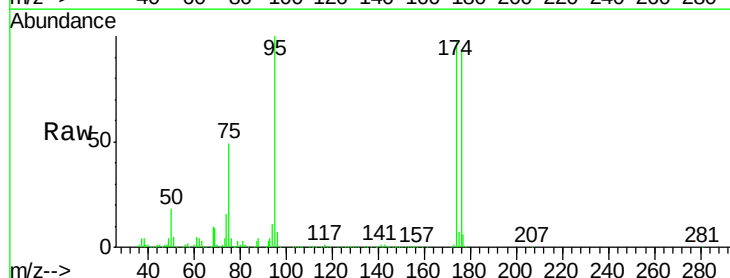
Tgt Ion: 75 Resp: 553472

Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

89 0.0 39.2 58.8#



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

12.40

400000

300000

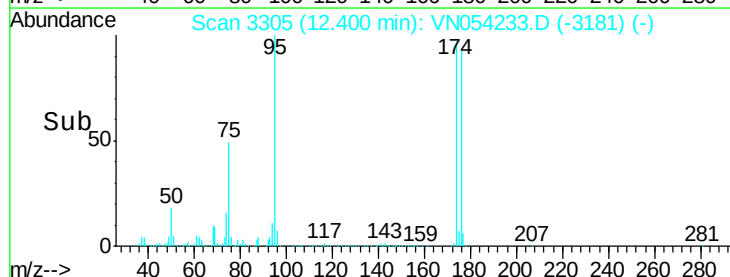
200000

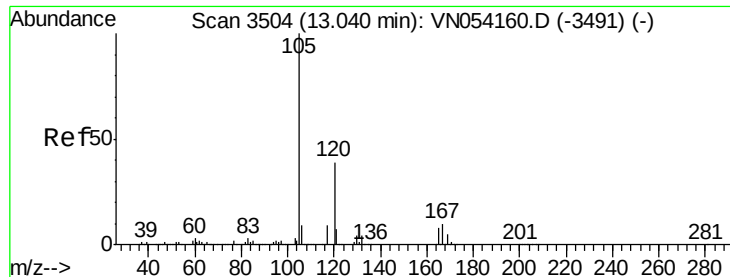
100000

0

12.30 12.40 12.50

Time-->





#84

1,2,4-Trimethylbenzene

Concen: 0.446 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054233.D

Acq: 14 Mar 2019 1:19

Instrument :

MSVOA_N

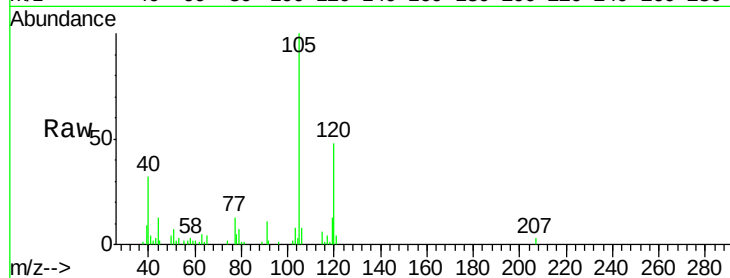
ClientSampled :

Tot Ion:105 Resp: 32842

Ion Ratio Lower Upper

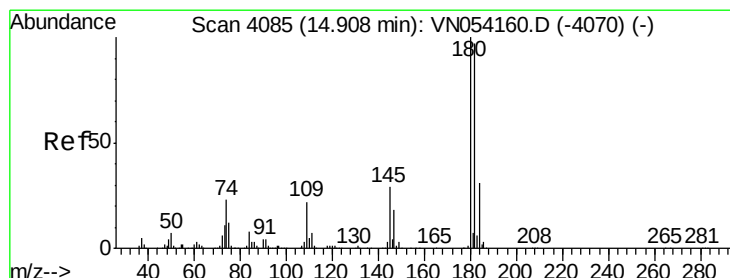
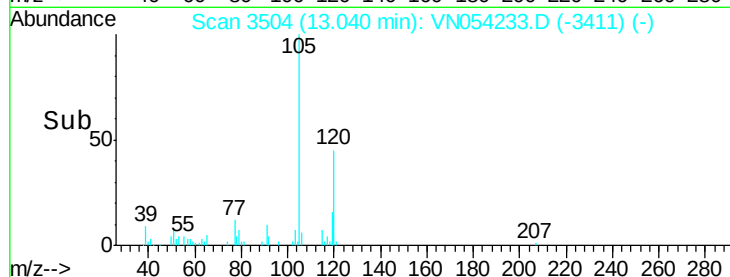
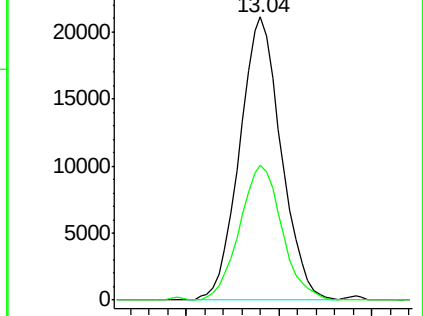
105 100

120 48.7 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#93

1,2,4-Trichlorobenzene

Concen: 2.647 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN054233.D

Acq: 14 Mar 2019 1:19

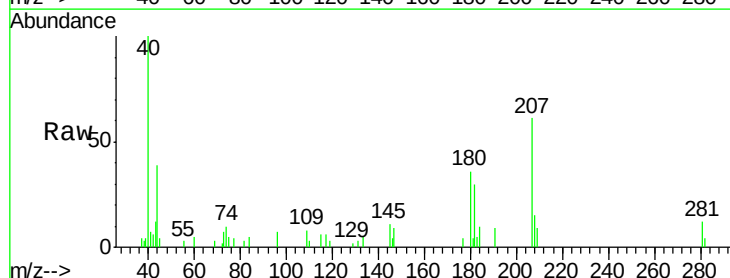
Tgt Ion:180 Resp: 3274

Ion Ratio Lower Upper

180 100

182 93.3 48.0 144.2

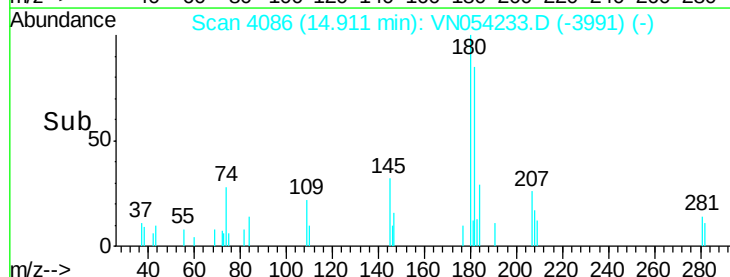
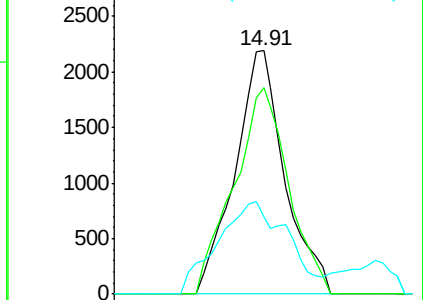
145 53.5 14.2 42.8#

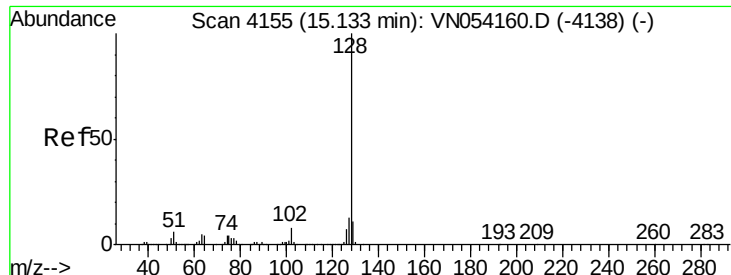


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

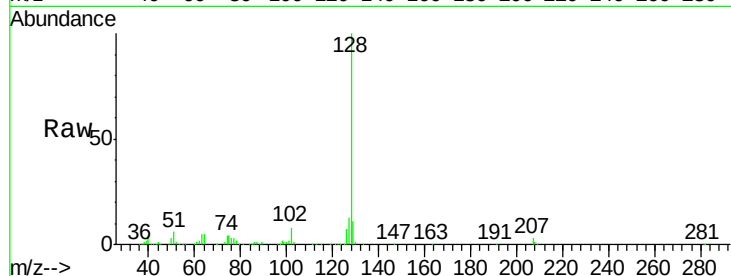




#95
Naphthalene
Concen: 9.274 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN054233.D
Acq: 14 Mar 2019 1:19

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.1	15.1
129	10.8	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

