

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021120\
 Data File : VN060057.D
 Acq On : 11 Feb 2020 12:03
 Operator : JC/MD
 Sample : PB126730TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 12 04:22:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	182200	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	279745	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	254042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	110021	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	102772	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
35) Dibromofluoromethane	7.57	113	85258	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
50) Toluene-d8	10.08	98	336113	52.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.00%	
62) 4-Bromofluorobenzene	12.40	95	116053	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	

Target Compounds

					Qvalue
16) Acetone	3.79	43	3986	Below Cal	91
18) Methyl Acetate	4.30	43	928	0.393 ug/l #	54
20) Methylene Chloride	4.52	84	8163	3.249 ug/l	90
25) 2-Butanone	6.82	43	2224	1.941 ug/l #	50
31) Cyclohexane	7.64	56	1941	0.648 ug/l #	1
36) 1,1-Dichloropropene	7.64	75	13020	5.345 ug/l #	50
37) Ethyl Acetate	6.82	43	2224	0.973 ug/l #	69
38) Carbon Tetrachloride	7.64	117	16745	6.319 ug/l #	16
43) Isopropyl Acetate	8.14	43	51466	13.095 ug/l #	90
45) 1,2-Dichloropropane	9.25	63	965	0.537 ug/l #	44
48) Methyl methacrylate	9.16	41	2778	1.580 ug/l #	13
51) 4-Methyl-2-Pentanone	9.97	43	3719	1.637 ug/l	99
52) Toluene	10.14	92	1141	0.249 ug/l	97
54) cis-1,3-Dichloropropene	9.89	75	24532	8.171 ug/l #	58
56) Ethyl methacrylate	10.53	69	663	0.239 ug/l #	1
57) 1,3-Dichloropropane	10.75	76	3930	1.362 ug/l #	42
59) 2-Hexanone	10.75	43	54272	32.427 ug/l #	57
74) N-amyl acetate	12.02	43	1870	0.597 ug/l #	45
76) 1,2,3-Trichloropropane	12.40	75	59857	32.328 ug/l #	100
79) 2-Chlorotoluene	12.77	91	1292	0.240 ug/l	74
80) 1,3,5-Trimethylbenzene	12.73	105	2606	0.384 ug/l	91
81) trans-1,4-Dichloro-2-buten	12.40	75	59857	69.425 ug/l #	11
82) 4-Chlorotoluene	12.77	91	1292	0.239 ug/l	75
87) 1,3-Dichlorobenzene	13.28	146	1107	0.312 ug/l #	78
88) 1,4-Dichlorobenzene	13.36	146	1148	0.324 ug/l #	1
89) n-Butylbenzene	13.61	91	2315	0.381 ug/l	90
91) 1,2-Dichlorobenzene	13.65	146	972	0.277 ug/l	83
92) 1,2-Dibromo-3-Chloropropan	14.26	75	157	Below Cal #	6
93) 1,2,4-Trichlorobenzene	14.91	180	1938	0.919 ug/l	99
94) Hexachlorobutadiene	15.01	225	592	0.510 ug/l	79
95) Naphthalene	15.13	128	8041	1.341 ug/l	95
96) 1,2,3-Trichlorobenzene	15.31	180	2211	1.077 ug/l	96

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QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration

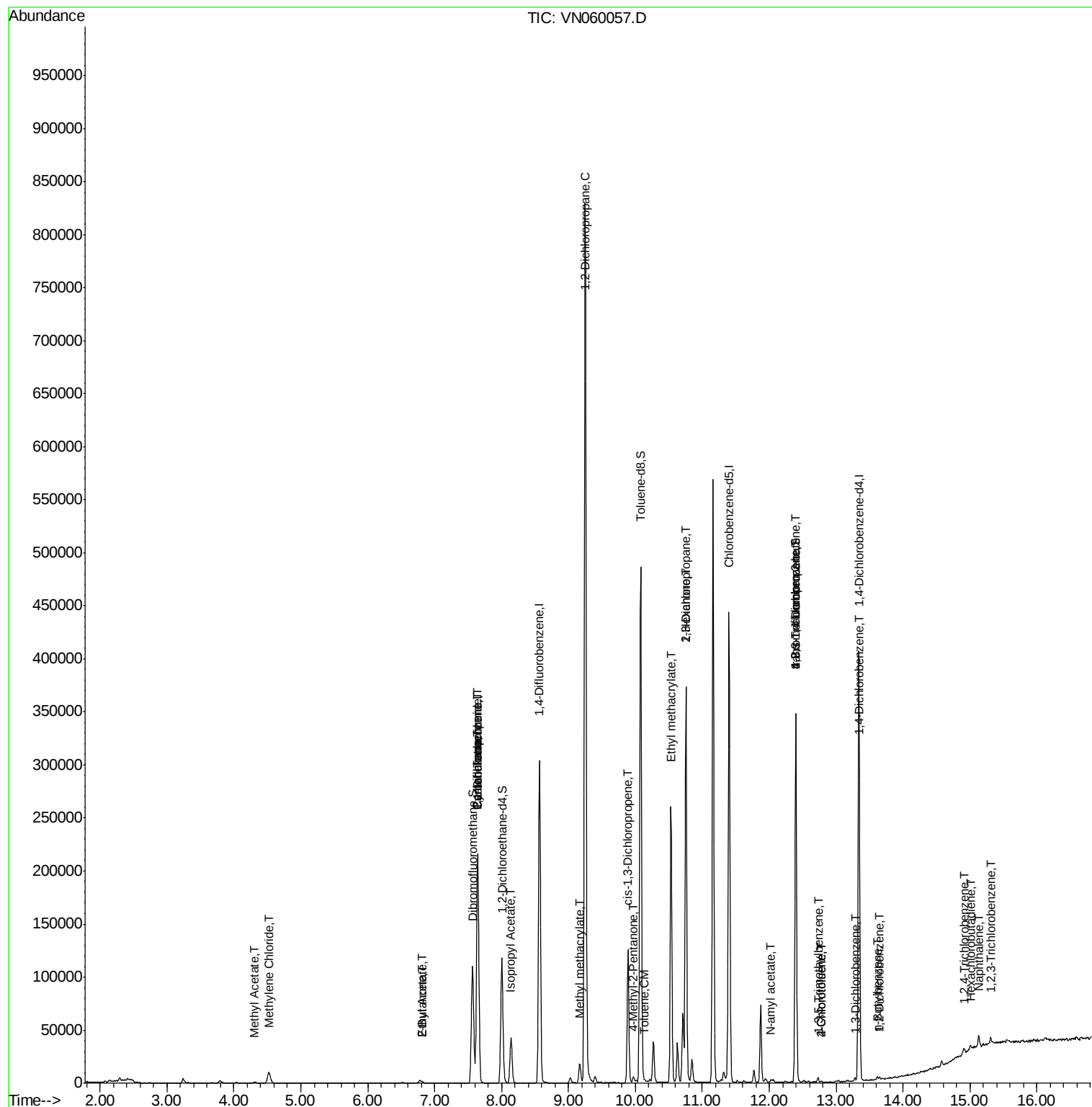
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

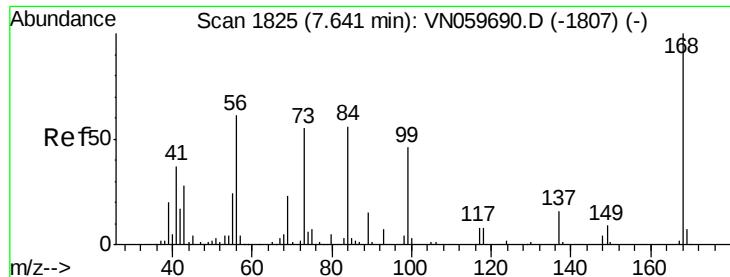
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021120\
Data File : VN060057.D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN060057.D

Acq: 11 Feb 2020 12:03

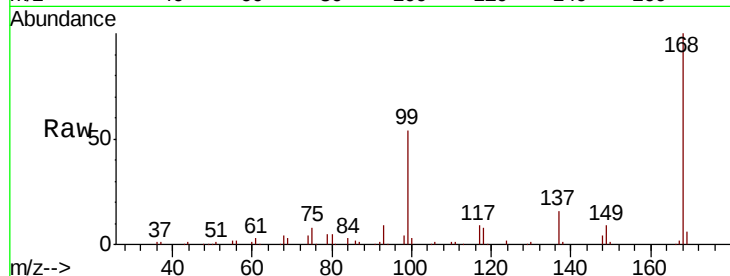
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 182200

Ion Ratio Lower Upper

168 100

99 54.3 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

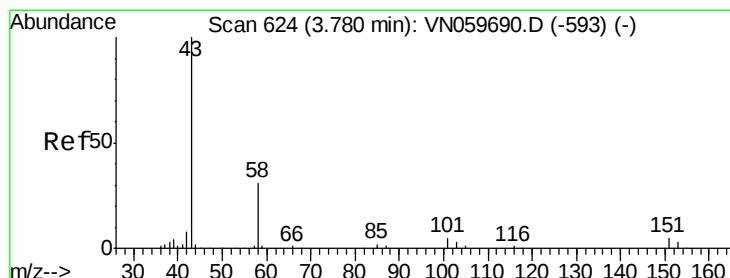
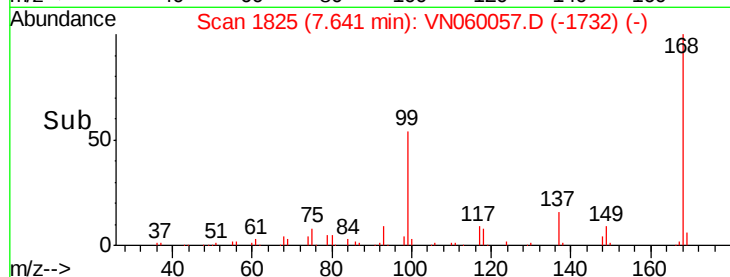
60000

40000

20000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: Below Cal

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060057.D

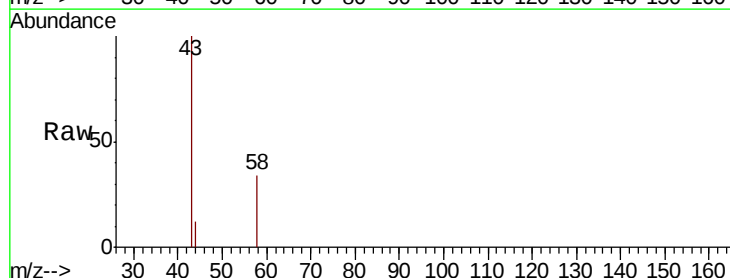
Acq: 11 Feb 2020 12:03

Tgt Ion: 43 Resp: 3986

Ion Ratio Lower Upper

43 100

58 34.5 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.79

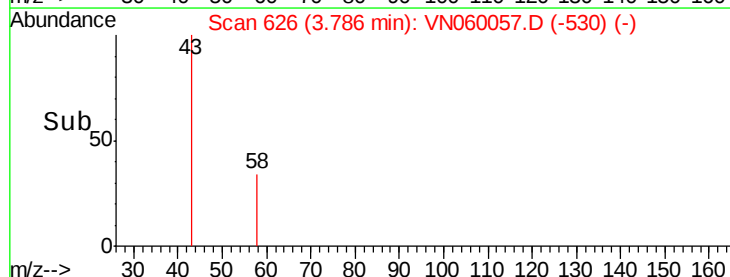
1500

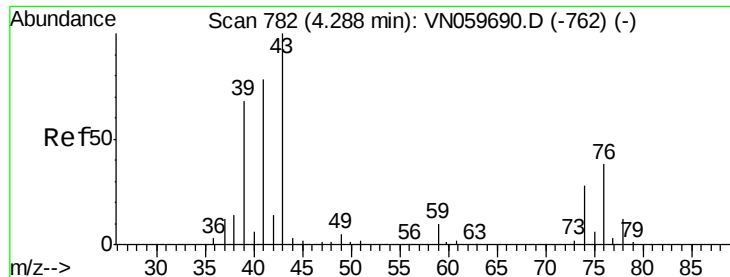
1000

500

0

Time--> 3.75 3.80 3.85

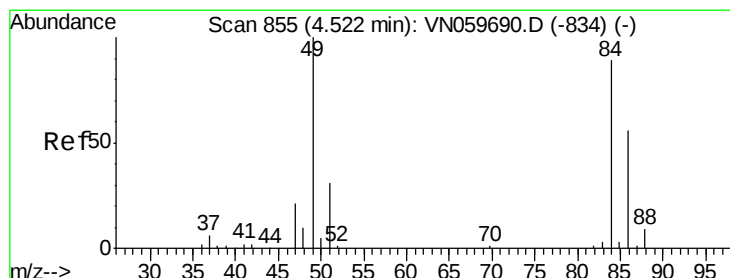
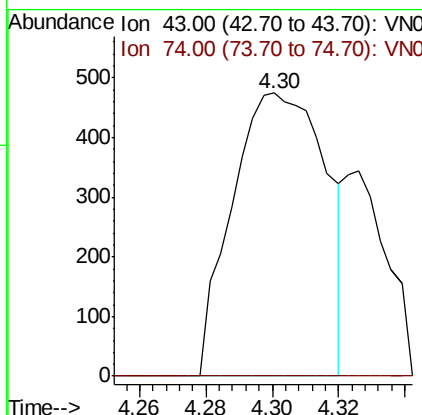
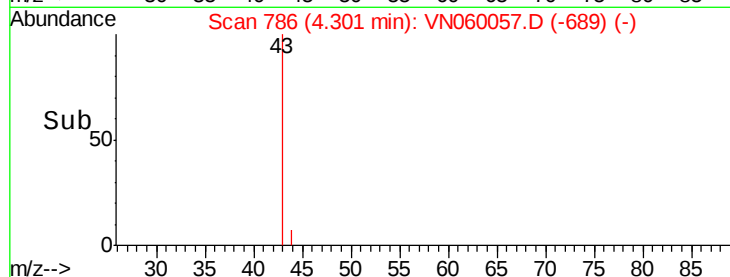
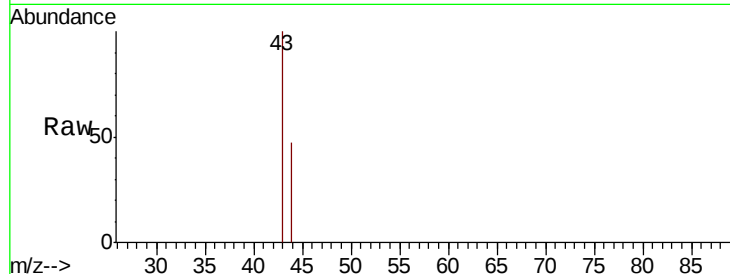




#18
Methyl Acetate
Concen: 0.393 ug/l
RT: 4.30 min Scan# 786
Delta R.T. 0.01 min
Lab File: VN060057.D
Acq: 11 Feb 2020 12:03

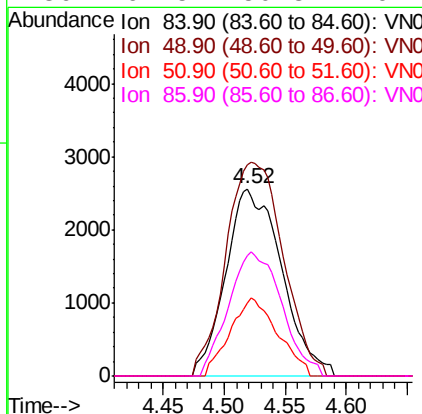
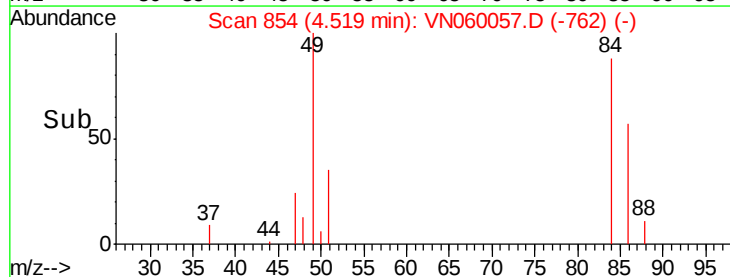
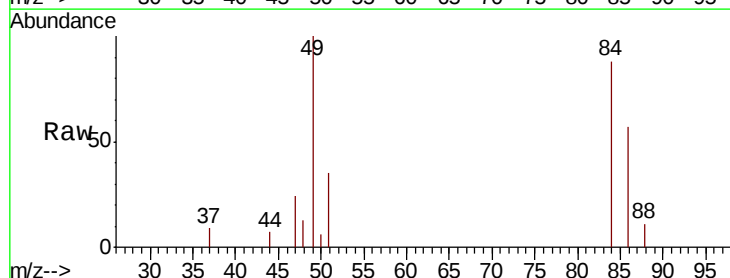
Instrument :
MSVOA_N
ClientSampled :

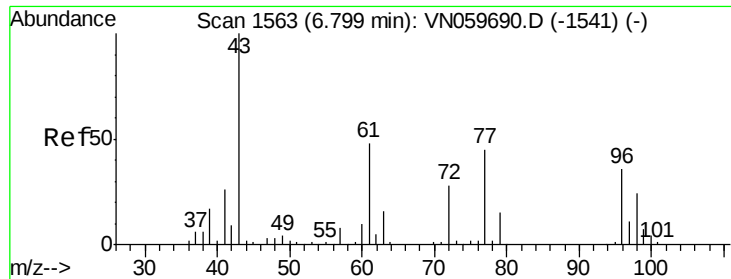
Tot Ion: 43 Resp: 928
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#



#20
Methylene Chloride
Concen: 3.249 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060057.D
Acq: 11 Feb 2020 12:03

Tgt Ion: 84 Resp: 8163
Ion Ratio Lower Upper
84 100
49 113.1 106.6 160.0
51 39.1 31.9 47.9
86 64.5 50.8 76.2

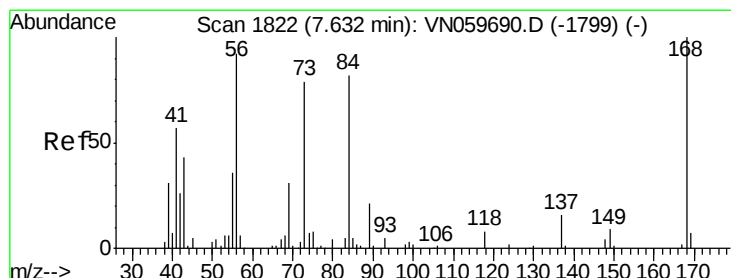
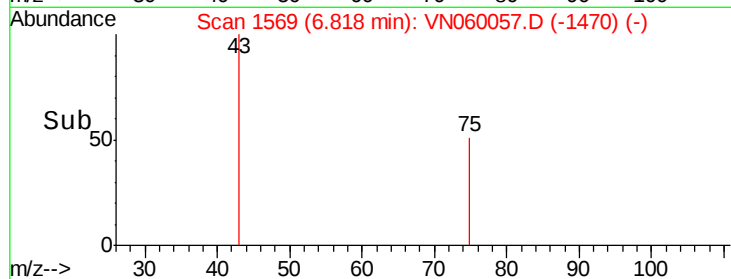
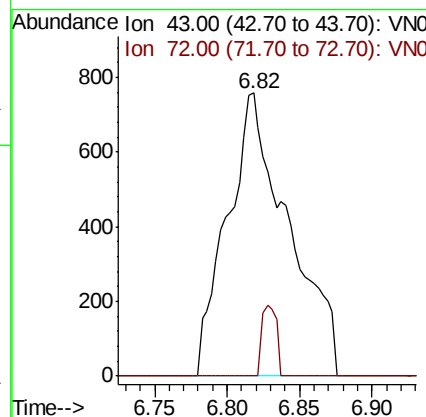
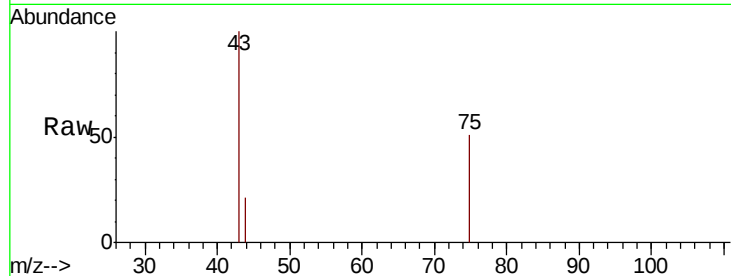




#25
2-Butanone
Concen: 1.941 ug/l
RT: 6.82 min Scan# 1569
Delta R.T. 0.02 min
Lab File: VN060057.D
Acq: 11 Feb 2020 12:03

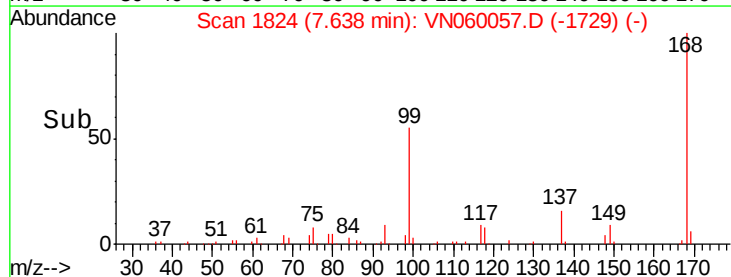
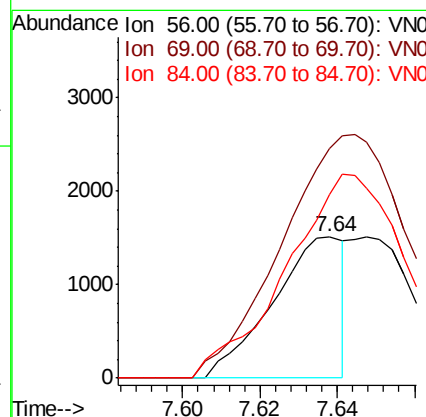
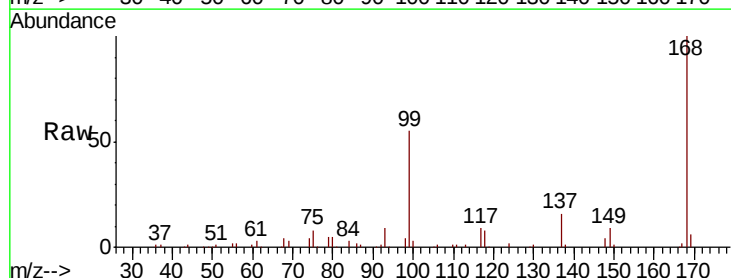
Instrument :
MSVOA_N
ClientSampled :

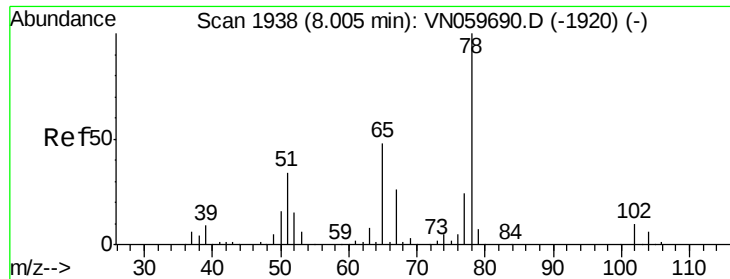
Tot Ion: 43 Resp: 2224
Ion Ratio Lower Upper
43 100
72 0.0 19.9 29.9#



#31
Cyclohexane
Concen: 0.648 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. 0.01 min
Lab File: VN060057.D
Acq: 11 Feb 2020 12:03

Tgt Ion: 56 Resp: 1941
Ion Ratio Lower Upper
56 100
69 161.6 26.5 39.7#
84 129.2 65.3 97.9#

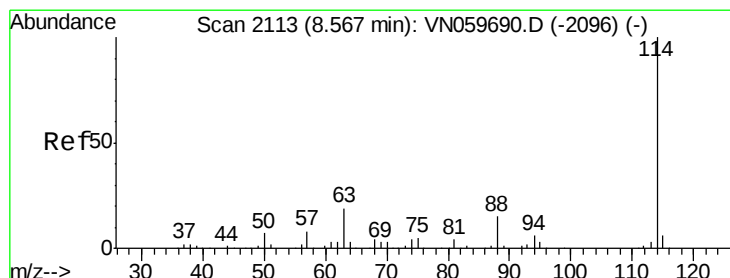
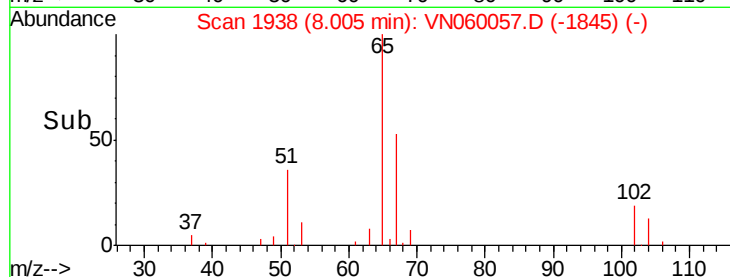
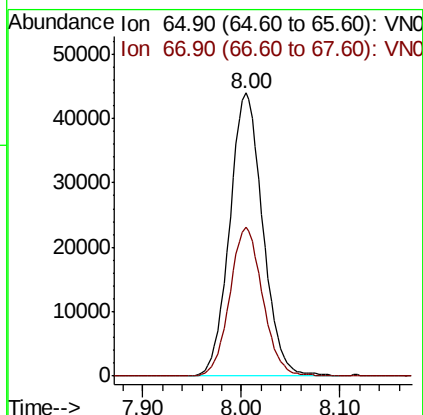
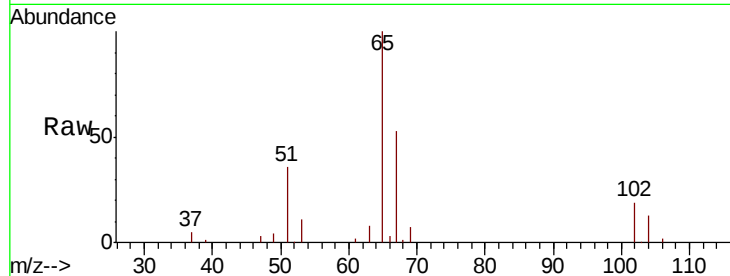




#33
 1,2-Dichloroethane-d4
 Concen: 50.792 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN060057.D
 Acq: 11 Feb 2020 12:03

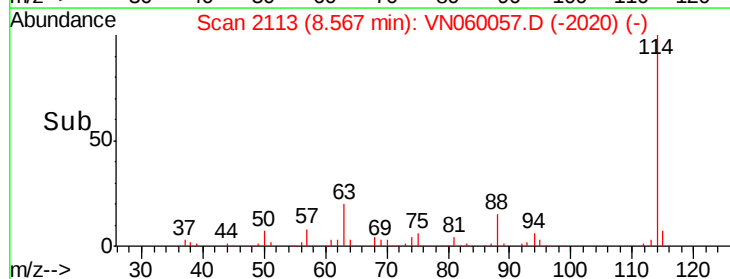
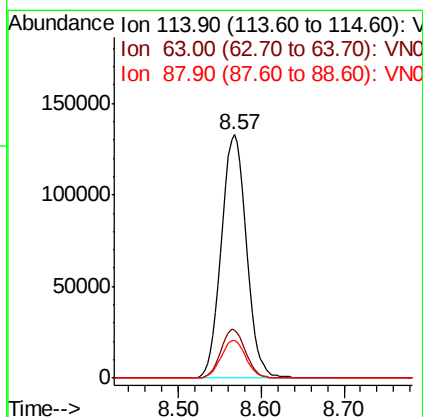
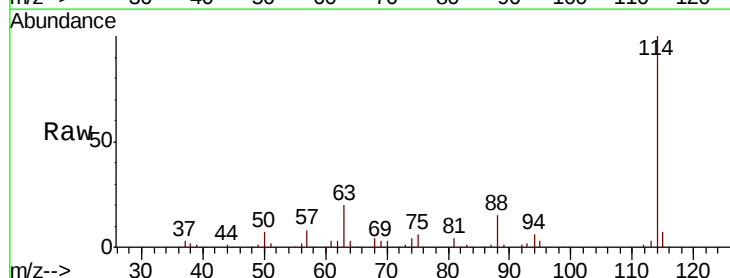
Instrument :
 MSVOA_N
 ClientSampleId :

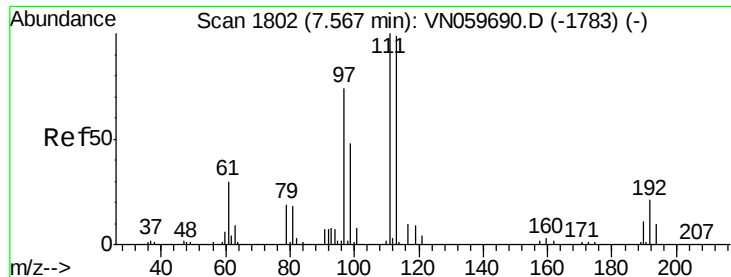
Tot Ion: 65 Resp: 102772
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060057.D
 Acq: 11 Feb 2020 12:03

Tgt Ion: 114 Resp: 279745
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 43.6
 88 15.4 0.0 31.4

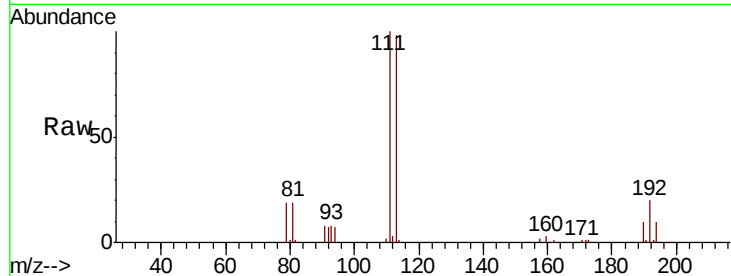




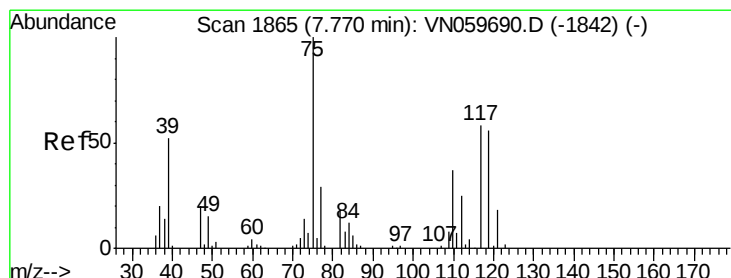
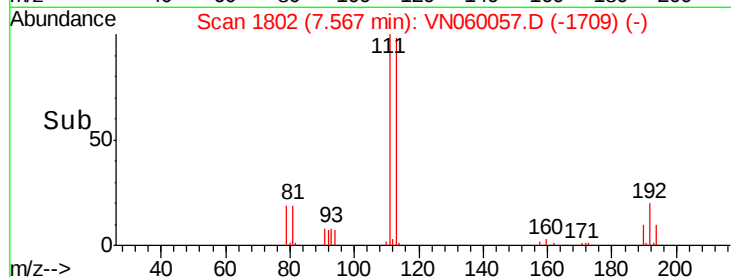
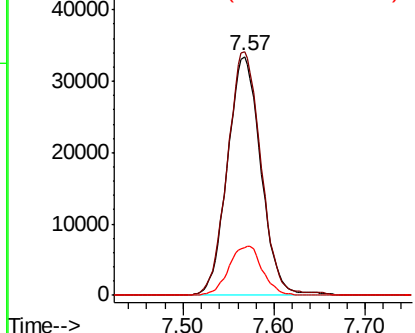
#35
 Dibromofluoromethane
 Concen: 51.106 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060057.D
 Acq: 11 Feb 2020 12:03

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 85258
 Ion Ratio Lower Upper
 113 100
 111 102.5 83.5 125.3
 192 20.6 15.4 23.2

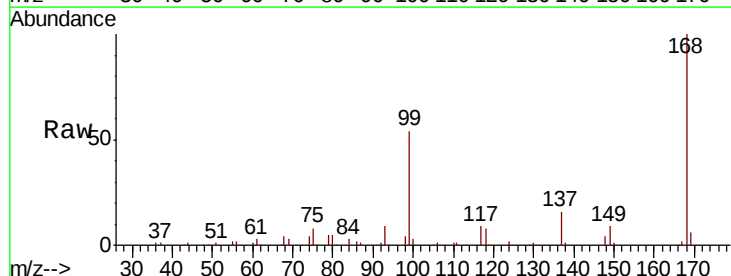


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

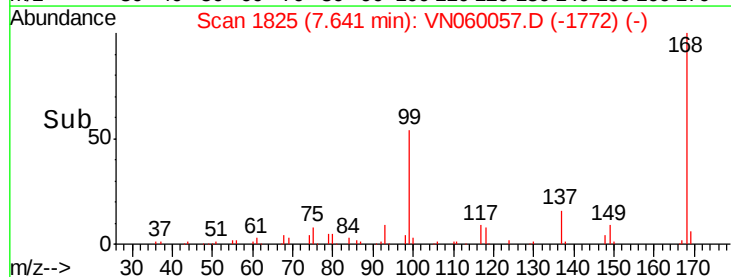
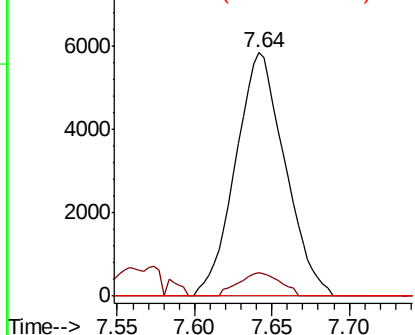


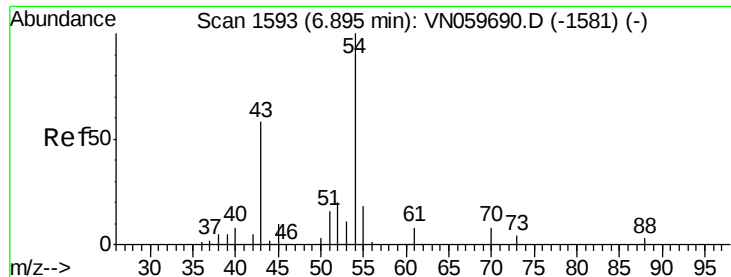
#36
 1,1-Dichloropropene
 Concen: 5.345 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN060057.D
 Acq: 11 Feb 2020 12:03

Tgt Ion: 75 Resp: 13020
 Ion Ratio Lower Upper
 75 100
 110 8.2 16.6 49.7#
 77 0.0 25.1 37.7#



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

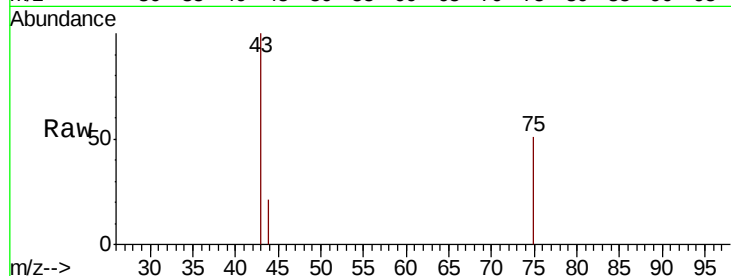




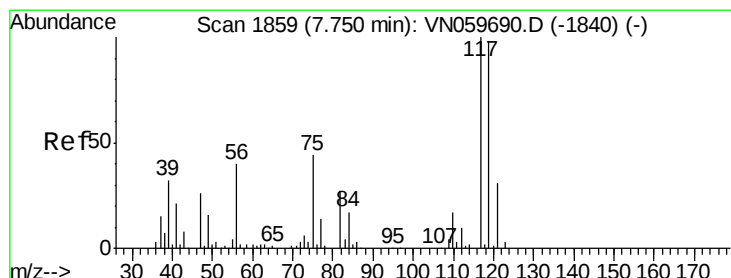
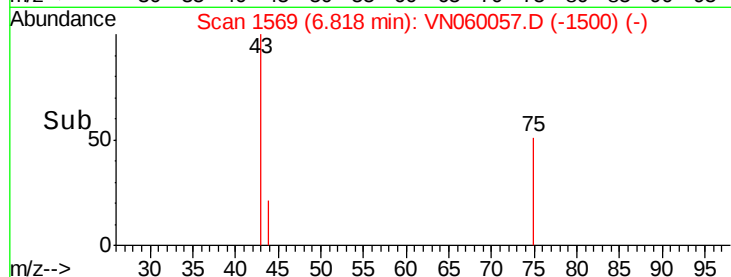
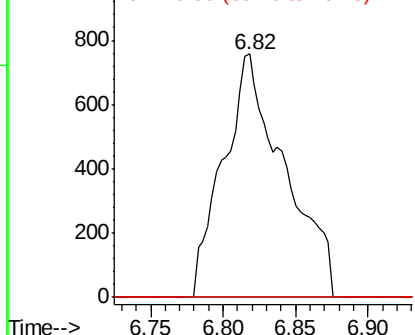
#37
Ethyl Acetate
Concen: 0.973 ug/l
RT: 6.82 min Scan# 1569
Delta R.T. -0.08 min
Lab File: VN060057.D
Acq: 11 Feb 2020 12:03

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 2224
Ion Ratio Lower Upper
43 100
61 0.0 10.9 16.3#
70 0.0 7.7 11.5#

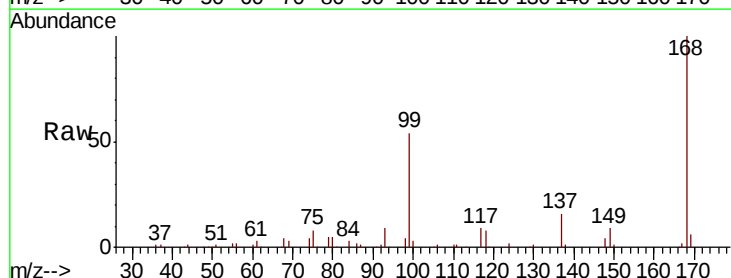


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

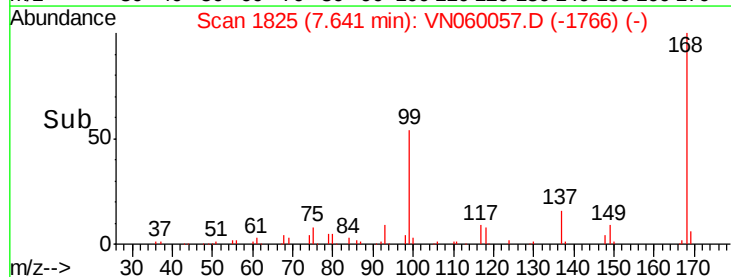
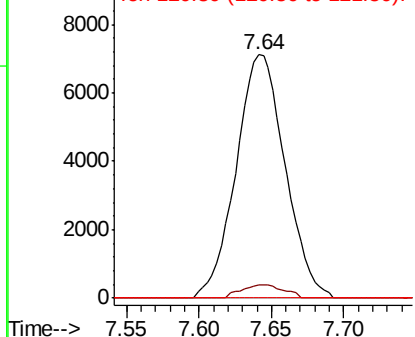


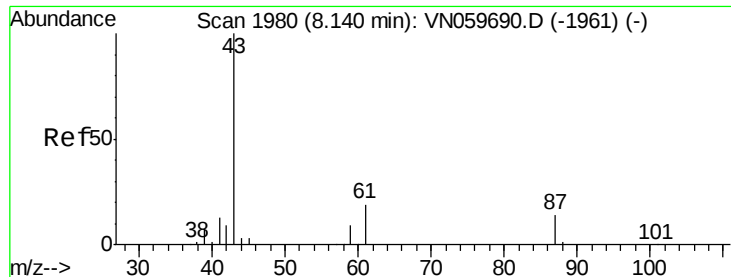
#38
Carbon Tetrachloride
Concen: 6.319 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. -0.11 min
Lab File: VN060057.D
Acq: 11 Feb 2020 12:03

Tgt Ion: 117 Resp: 16745
Ion Ratio Lower Upper
117 100
119 5.2 76.5 114.7#
121 0.0 25.1 37.7#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





#43

Isopropyl Acetate

Concen: 13.095 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN060057.D

Acq: 11 Feb 2020 12:03

Instrument :

MSVOA_N

ClientSampled :

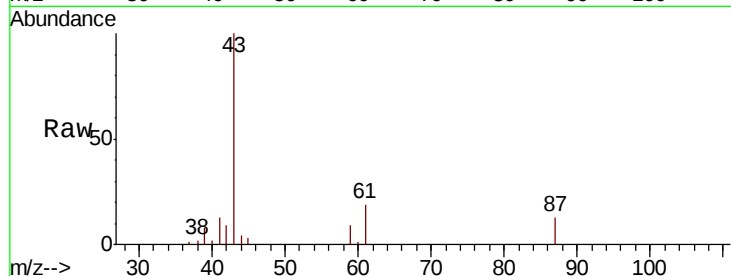
Tot Ion: 43 Resp: 51466

Ion Ratio Lower Upper

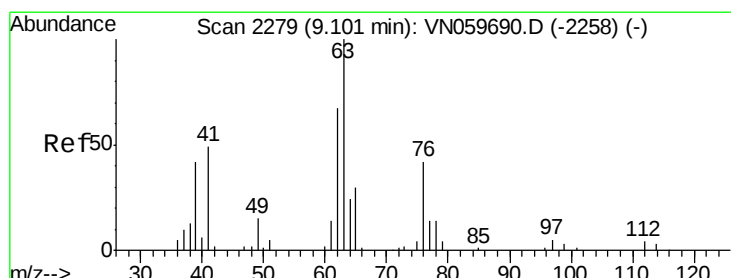
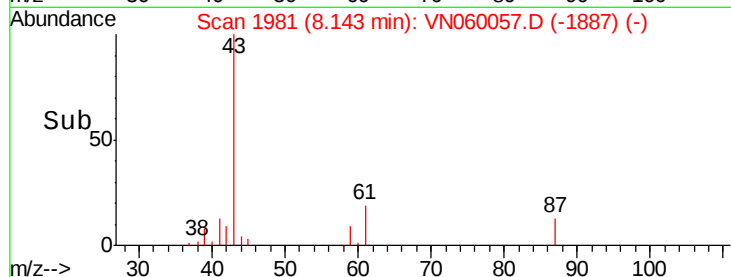
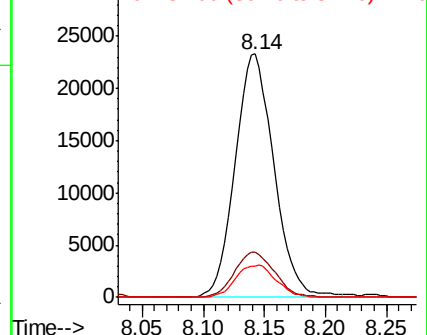
43 100

61 19.2 20.2 30.2#

87 13.7 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0



#45

1,2-Dichloropropane

Concen: 0.537 ug/l

RT: 9.25 min Scan# 2326

Delta R.T. 0.15 min

Lab File: VN060057.D

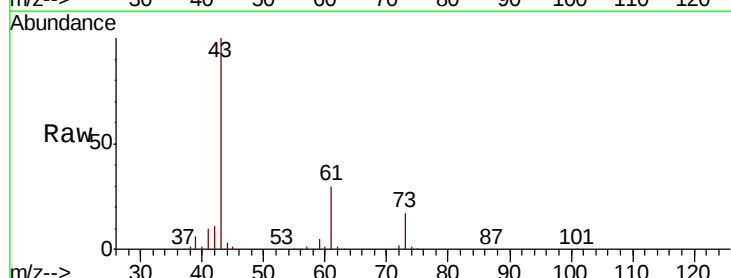
Acq: 11 Feb 2020 12:03

Tgt Ion: 63 Resp: 965

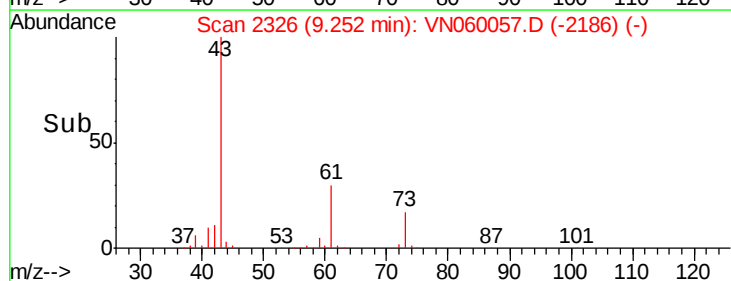
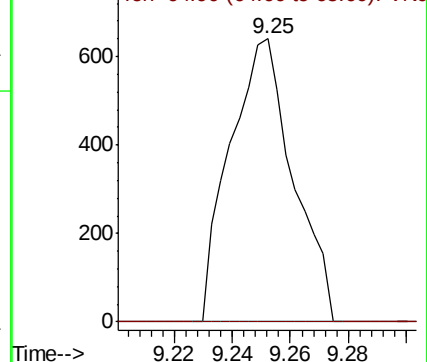
Ion Ratio Lower Upper

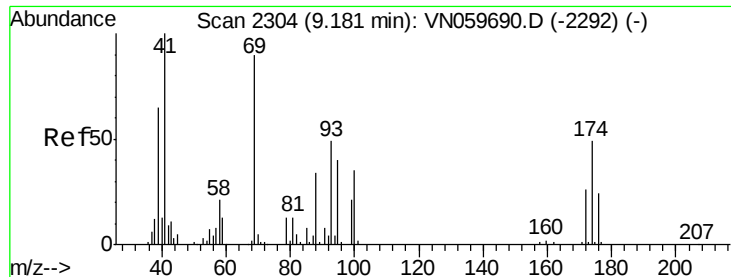
63 100

65 0.0 24.9 37.3#



Abundance Ion 62.90 (62.60 to 63.60): VN0
Ion 64.90 (64.60 to 65.60): VN0

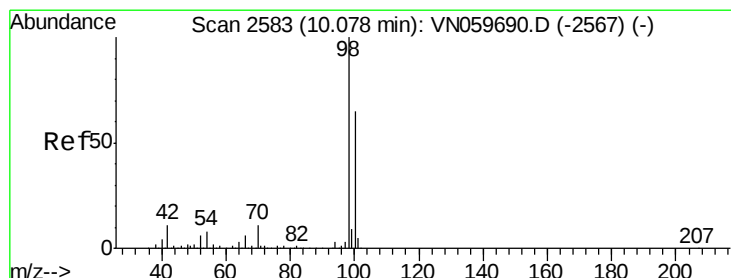
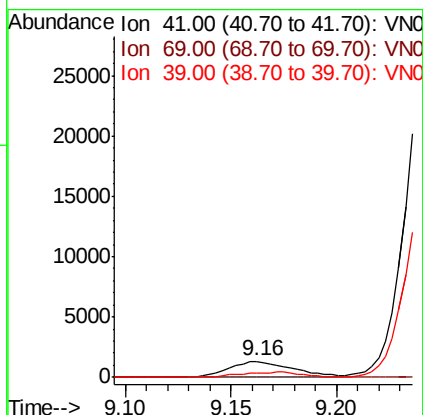
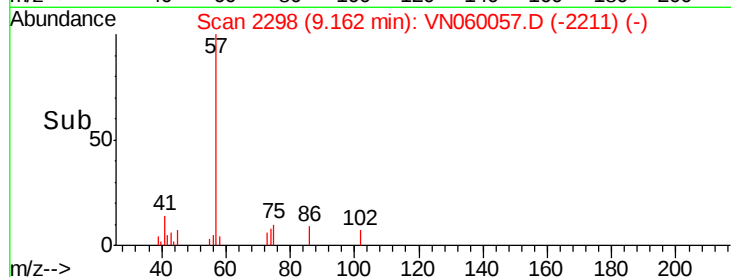
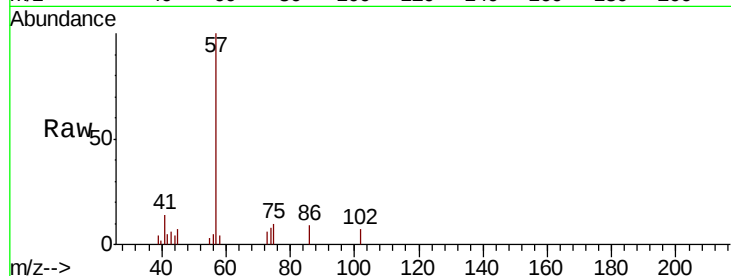




#48
Methvl methacrylate
Concen: 1.580 ug/l
RT: 9.16 min Scan# 2298
Delta R.T. -0.02 min
Lab File: VN060057.D
Acq: 11 Feb 2020 12:03

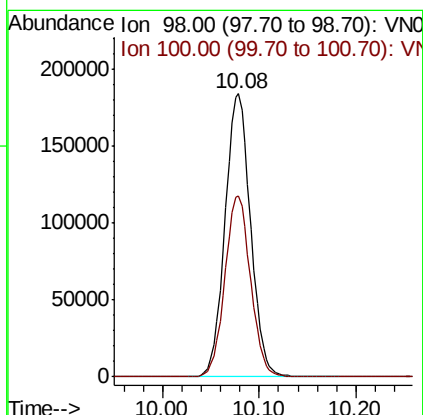
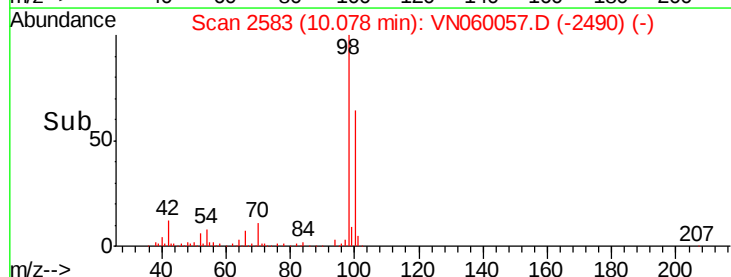
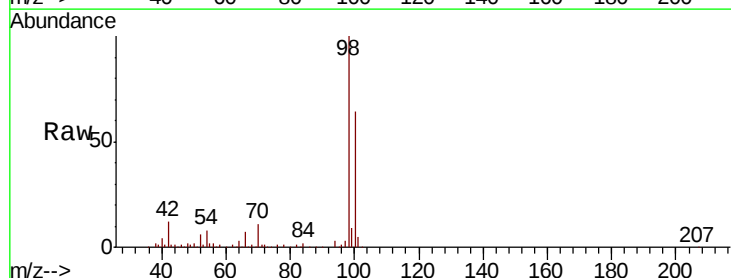
Instrument :
MSVOA_N
ClientSampled :

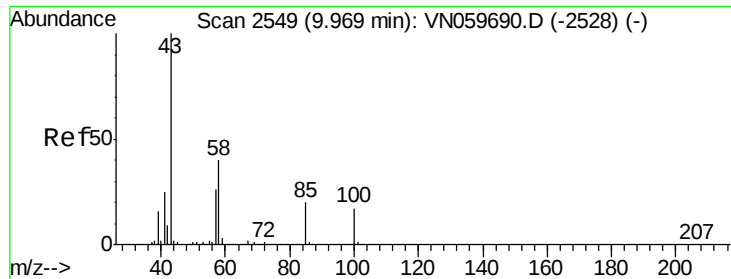
Tot Ion: 41 Resp: 2778
Ion Ratio Lower Upper
41 100
69 0.0 64.4 96.6#
39 0.0 51.3 76.9#



#50
Toluene-d8
Concen: 52.001 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN060057.D
Acq: 11 Feb 2020 12:03

Tgt Ion: 98 Resp: 336113
Ion Ratio Lower Upper
98 100
100 64.4 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 1.637 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN060057.D

Acq: 11 Feb 2020 12:03

Instrument :

MSVOA_N

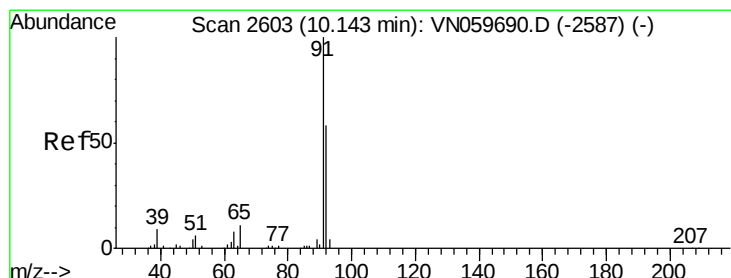
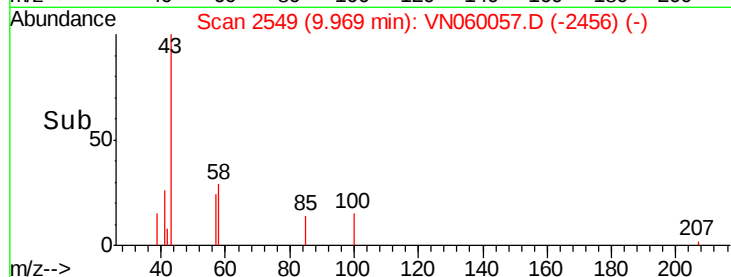
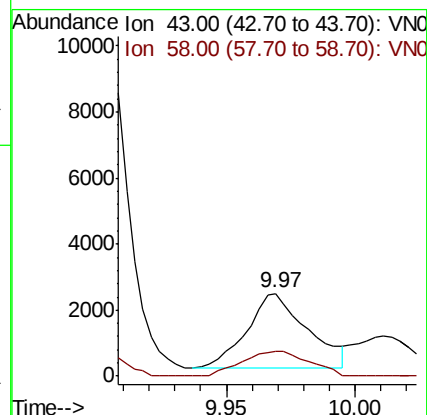
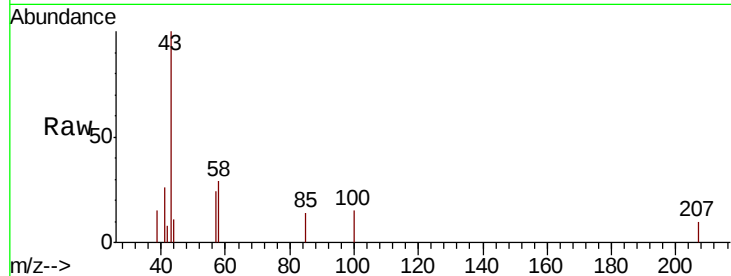
ClientSampleId :

Tot Ion: 43 Resp: 3719

Ion Ratio Lower Upper

43 100

58 36.6 29.8 44.8



#52

Toluene

Concen: 0.249 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. -0.00 min

Lab File: VN060057.D

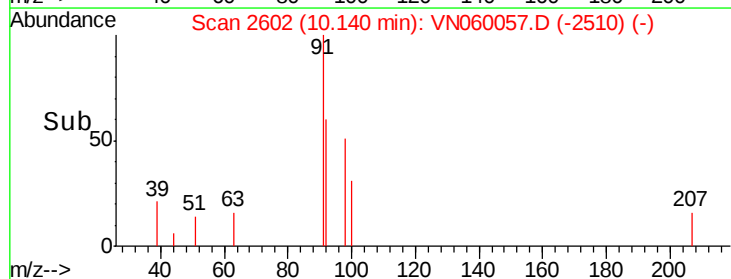
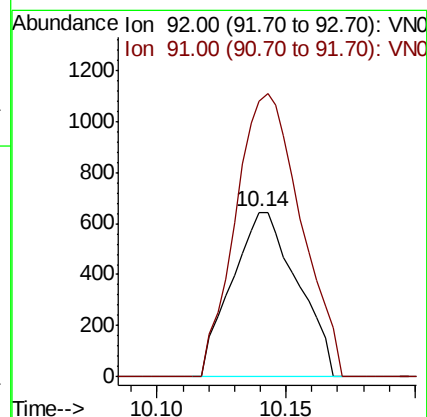
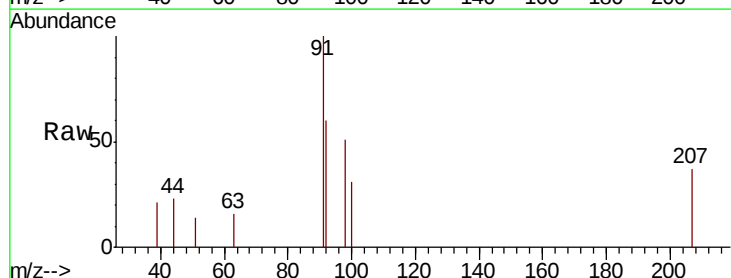
Acq: 11 Feb 2020 12:03

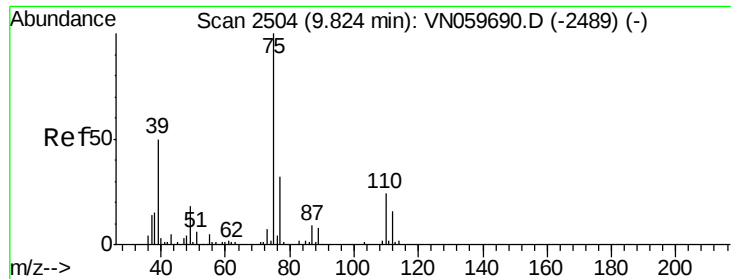
Tgt Ion: 92 Resp: 1141

Ion Ratio Lower Upper

92 100

91 171.5 140.4 210.6



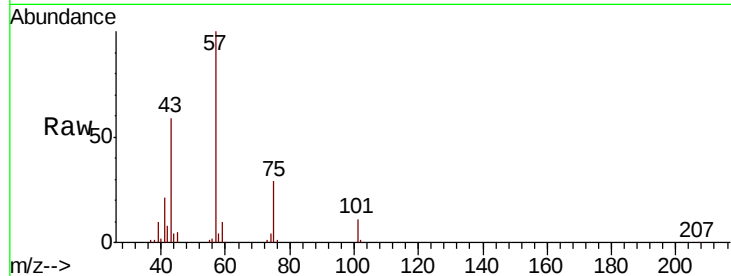


#54

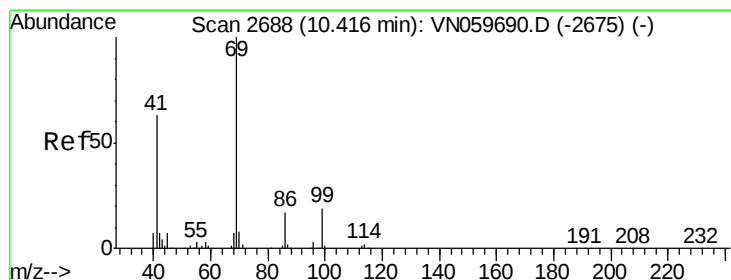
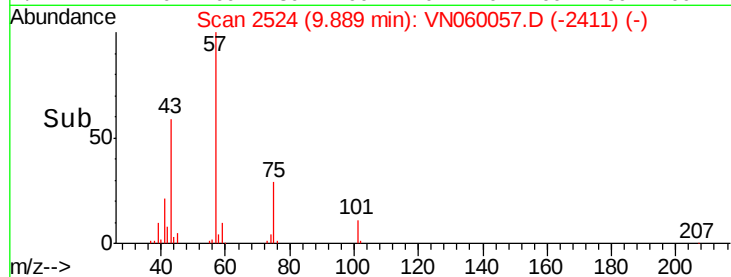
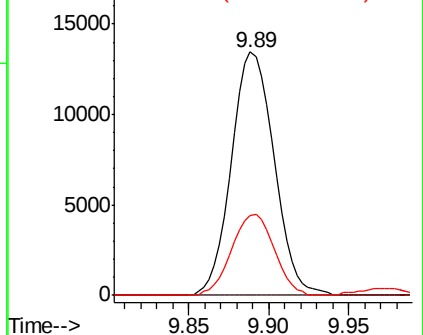
cis-1,3-Dichloropropene
 Concen: 8.171 ug/l
 RT: 9.89 min Scan# 2524
 Delta R.T. 0.06 min
 Lab File: VN060057.D
 Acq: 11 Feb 2020 12:03

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.1	37.7#
39	33.0	46.1	69.1#



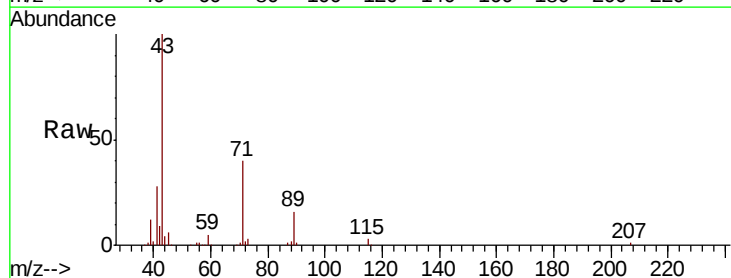
Abundance Ion 74.90 (74.60 to 75.60): VNO
 Ion 76.90 (76.60 to 77.60): VNO
 Ion 39.00 (38.70 to 39.70): VNO



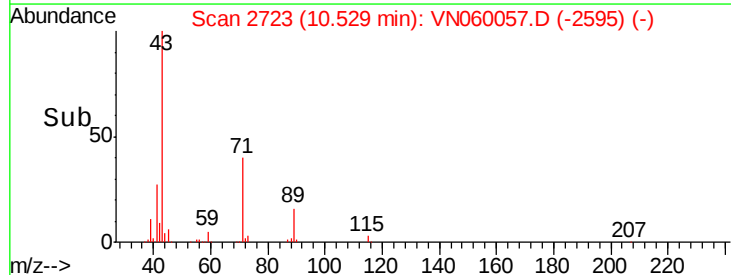
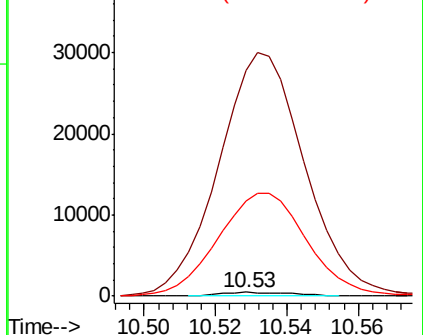
#56

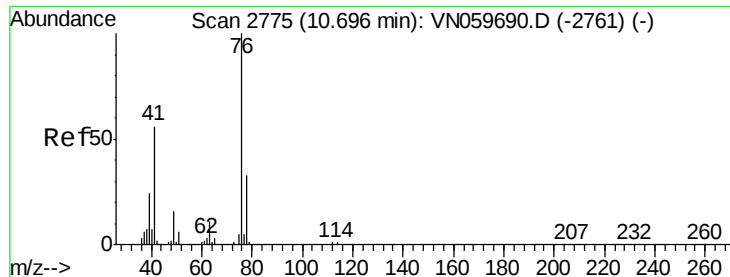
Ethyl methacrylate
 Concen: 0.239 ug/l
 RT: 10.53 min Scan# 2723
 Delta R.T. 0.11 min
 Lab File: VN060057.D
 Acq: 11 Feb 2020 12:03

Tgt Ion	Ratio	Lower	Upper
69	100		
41	7612.7	57.1	85.7#
39	3322.9	34.7	52.1#



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

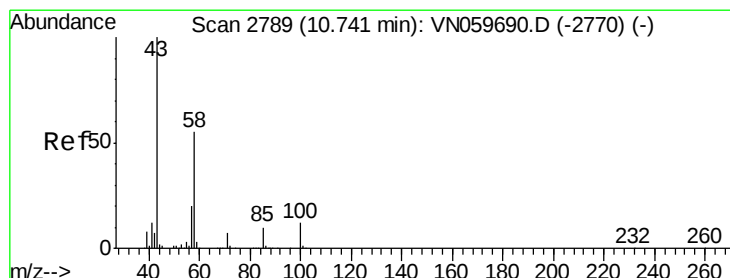
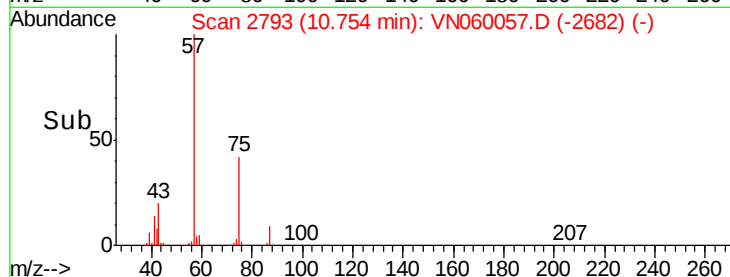
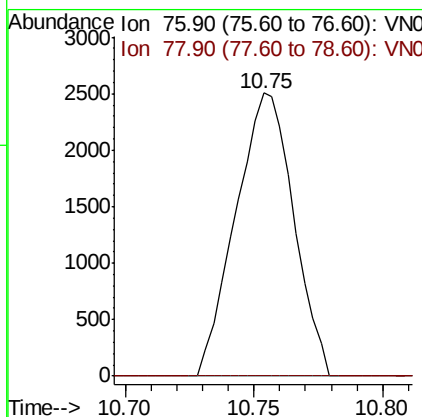
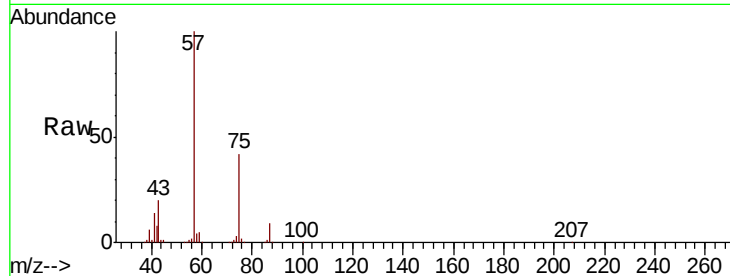




#57
 1,3-Dichloropropane
 Concen: 1.362 ug/l
 RT: 10.75 min Scan# 2793
 Delta R.T. 0.06 min
 Lab File: VN060057.D
 Acq: 11 Feb 2020 12:03

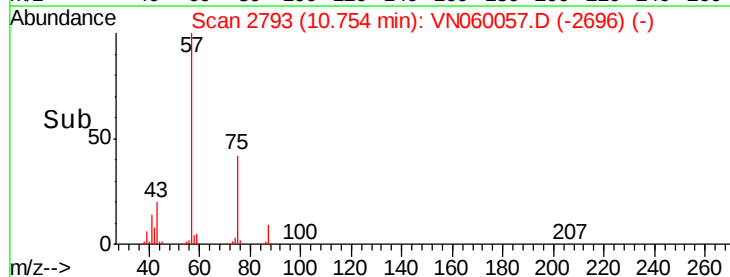
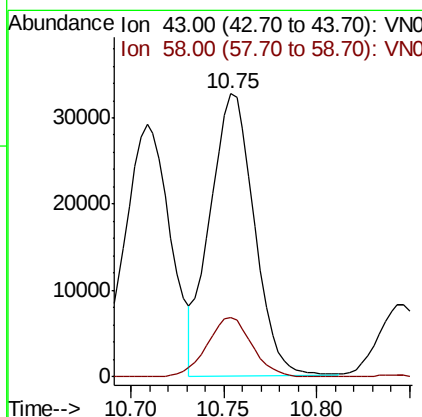
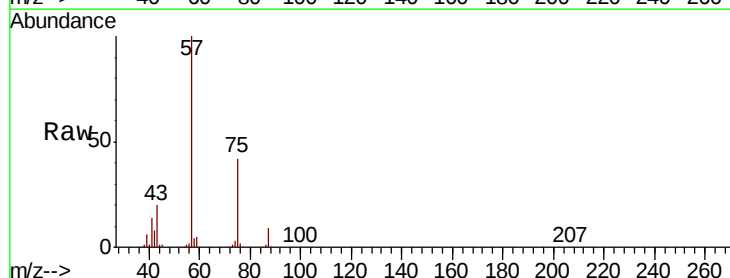
Instrument :
 MSVOA_N
 ClientSampled :

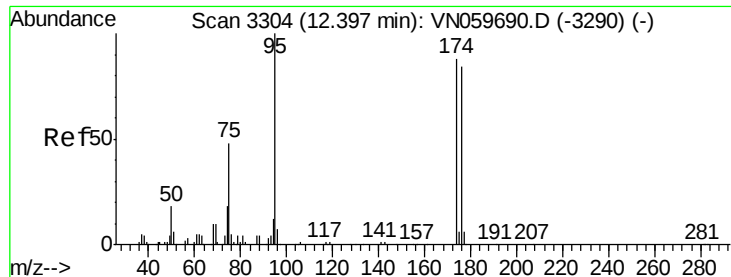
Tot Ion: 76 Resp: 3930
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.8 38.8#



#59
 2-Hexanone
 Concen: 32.427 ug/l
 RT: 10.75 min Scan# 2793
 Delta R.T. 0.01 min
 Lab File: VN060057.D
 Acq: 11 Feb 2020 12:03

Tgt Ion: 43 Resp: 54272
 Ion Ratio Lower Upper
 43 100
 58 21.2 25.8 77.3#

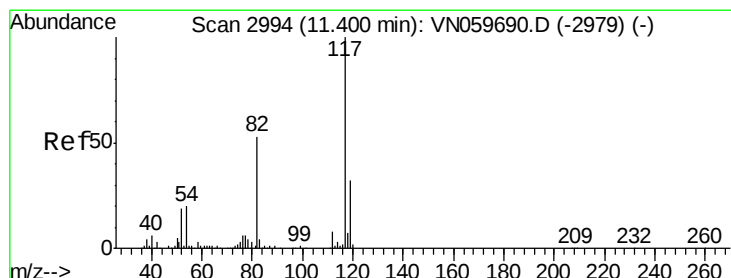
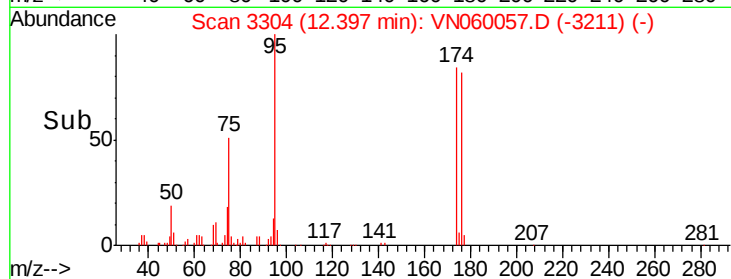
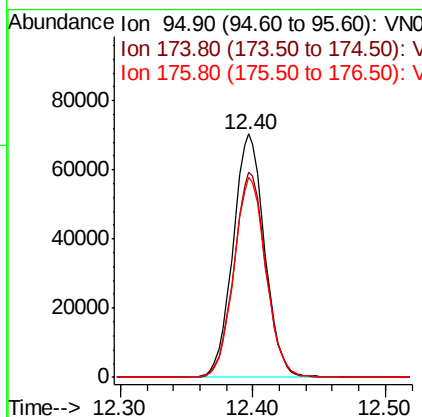
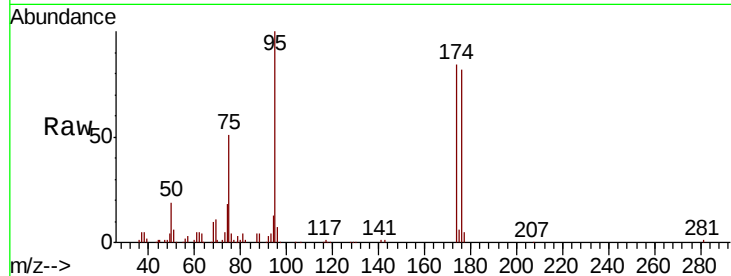




#62
4-Bromofluorobenzene
Concen: 49.806 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN060057.D
Acq: 11 Feb 2020 12:03

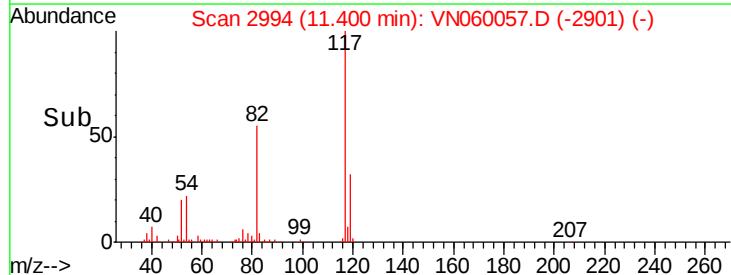
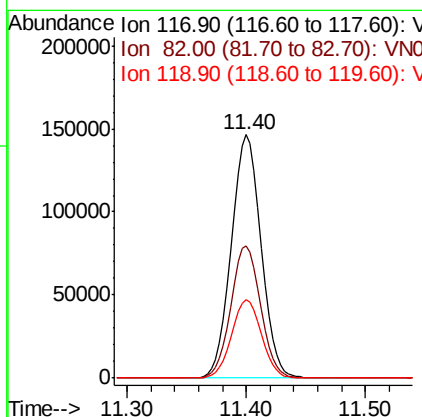
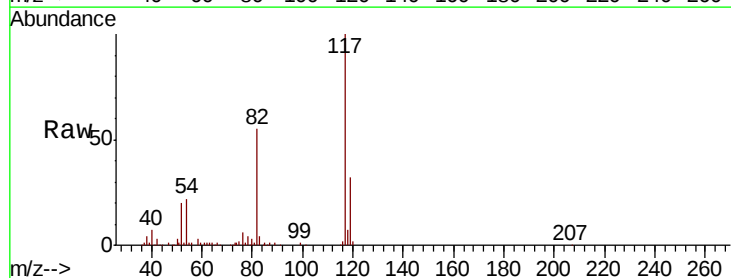
Instrument :
MSVOA_N
ClientSampled :

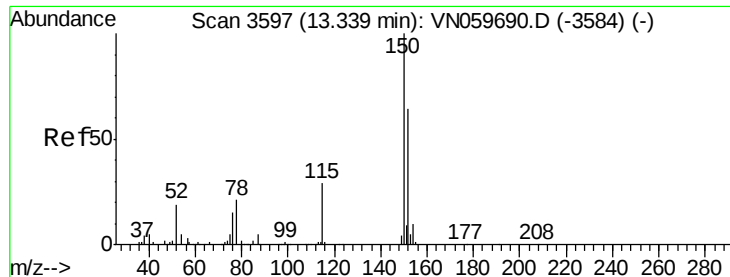
Tot Ion: 95 Resp: 116053
Ion Ratio Lower Upper
95 100
174 85.0 0.0 151.4
176 83.2 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060057.D
Acq: 11 Feb 2020 12:03

Tgt Ion: 117 Resp: 254042
Ion Ratio Lower Upper
117 100
82 54.6 45.9 68.9
119 32.3 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060057.D

Acq: 11 Feb 2020 12:03

Instrument :

MSVOA_N

ClientSampleId :

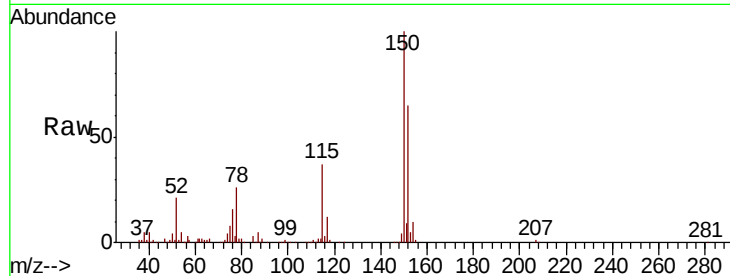
Tot Ion:152 Resp: 110021

Ion Ratio Lower Upper

152 100

115 57.3 30.3 90.9

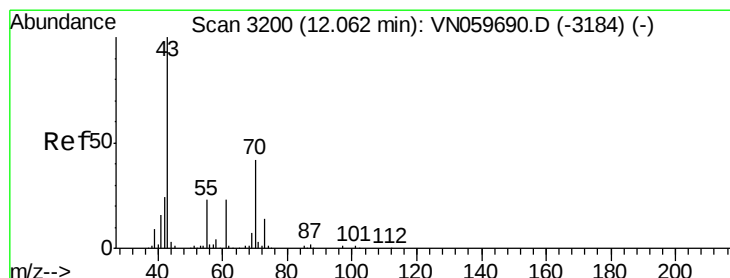
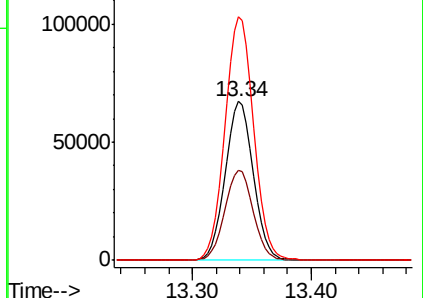
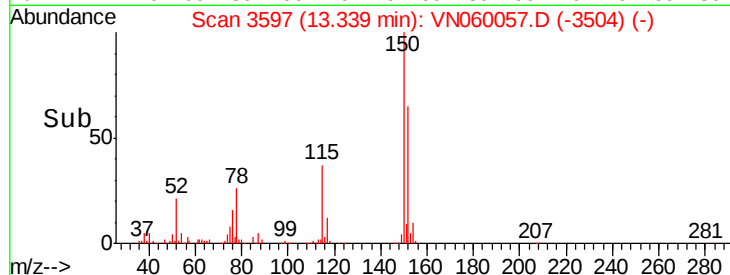
150 156.2 0.0 345.2



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-ethyl acetate

Concen: 0.597 ug/l

RT: 12.02 min Scan# 3188

Delta R.T. -0.04 min

Lab File: VN060057.D

Acq: 11 Feb 2020 12:03

Tgt Ion: 43 Resp: 1870

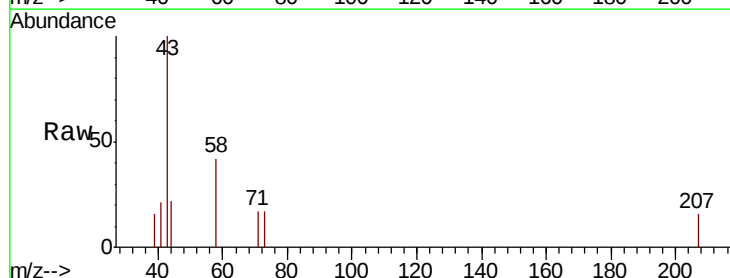
Ion Ratio Lower Upper

43 100

70 0.0 31.3 46.9#

55 0.0 19.8 29.6#

61 0.0 18.3 27.5#

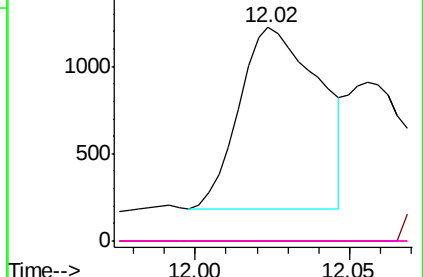
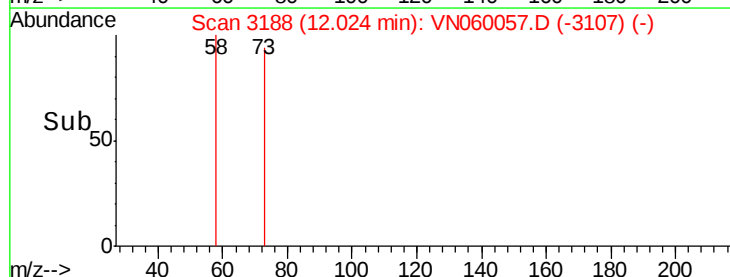


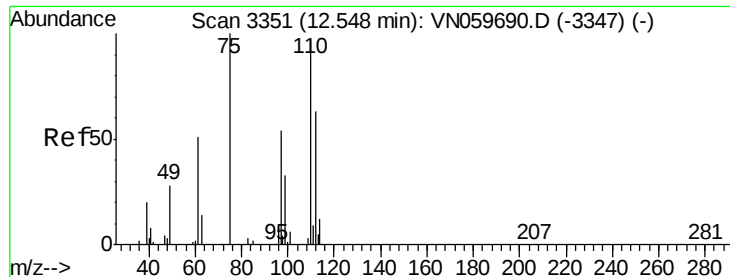
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#76

1,2,3-Trichloropropane

Concen: 32.328 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN060057.D

Acq: 11 Feb 2020 12:03

Instrument :

MSVOA_N

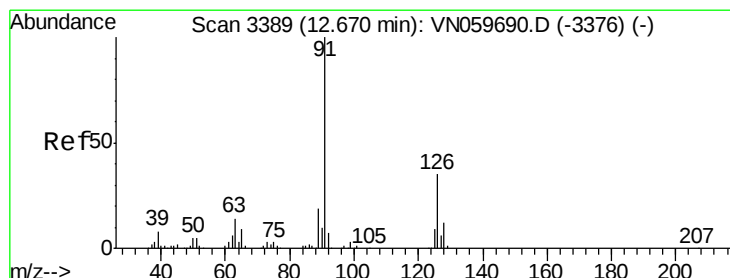
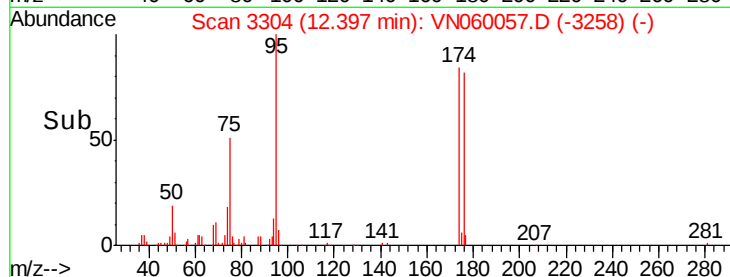
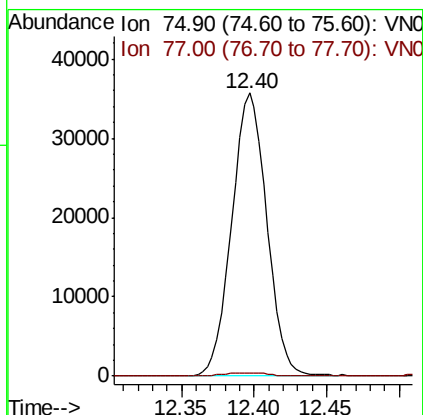
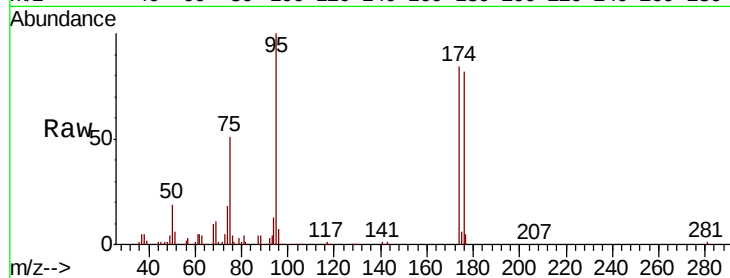
ClientSampled :

Tot Ion: 75 Resp: 59857

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#79

2-Chlorotoluene

Concen: 0.240 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.10 min

Lab File: VN060057.D

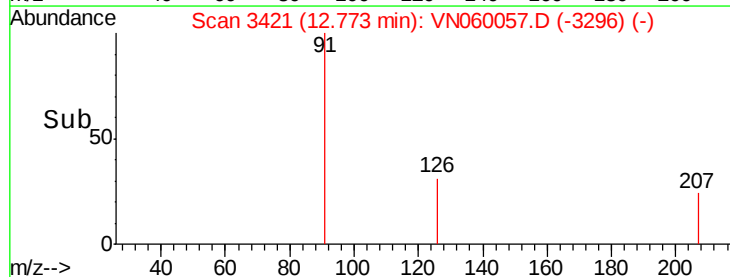
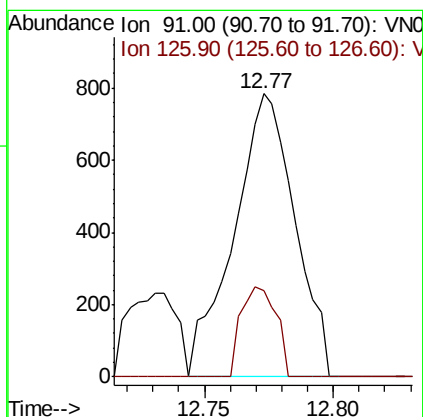
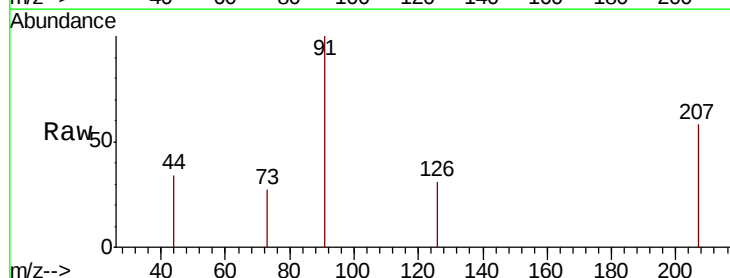
Acq: 11 Feb 2020 12:03

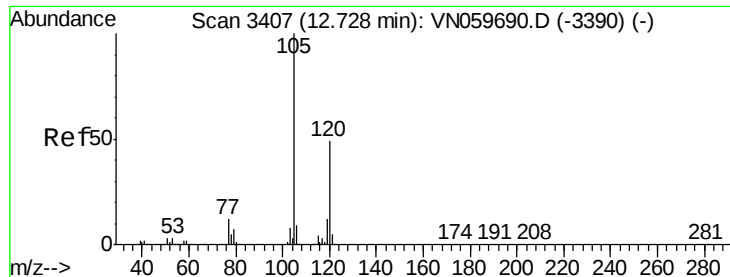
Tgt Ion: 91 Resp: 1292

Ion Ratio Lower Upper

91 100

126 18.2 16.3 48.9

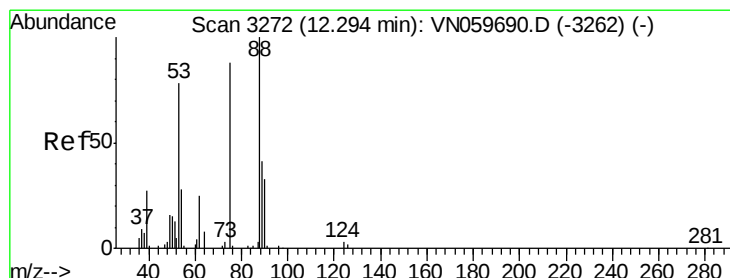
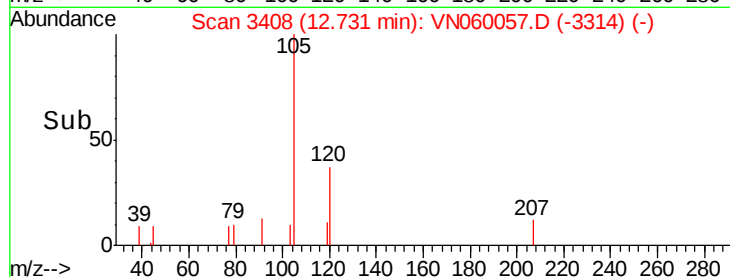
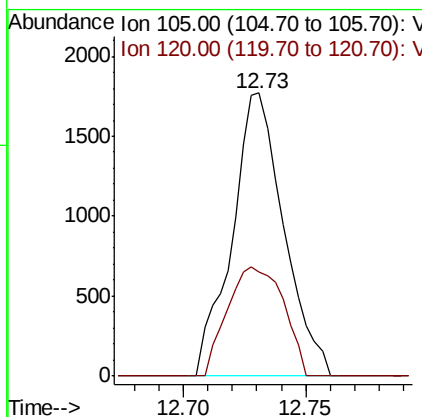
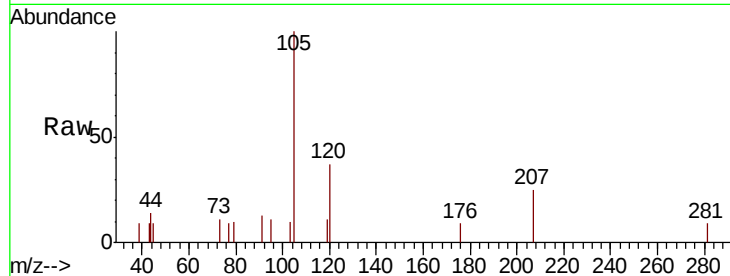




#80
 1,3,5-Trimethylbenzene
 Concen: 0.384 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN060057.D
 Acq: 11 Feb 2020 12:03

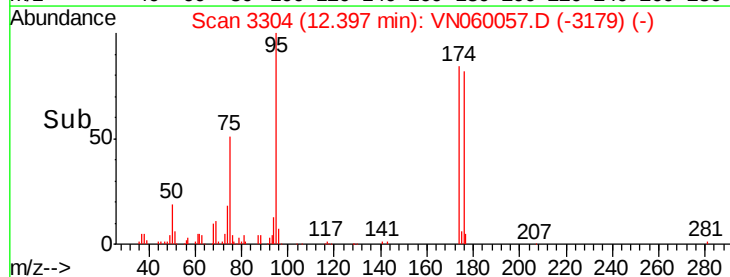
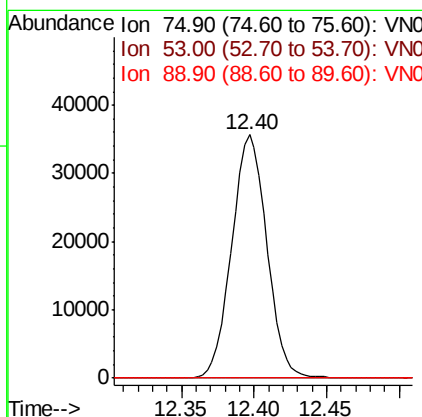
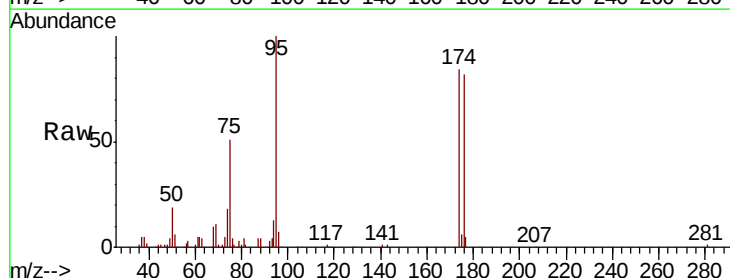
Instrument :
 MSVOA_N
 ClientSampleId :

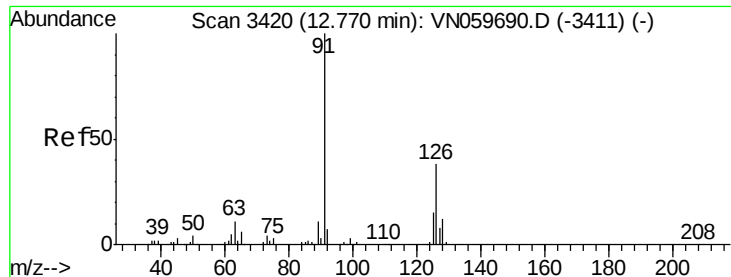
Tot Ion:105 Resp: 2606
 Ion Ratio Lower Upper
 105 100
 120 42.0 24.1 72.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.425 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.10 min
 Lab File: VN060057.D
 Acq: 11 Feb 2020 12:03

Tgt Ion: 75 Resp: 59857
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.1 117.1#
 89 0.0 35.4 53.2#

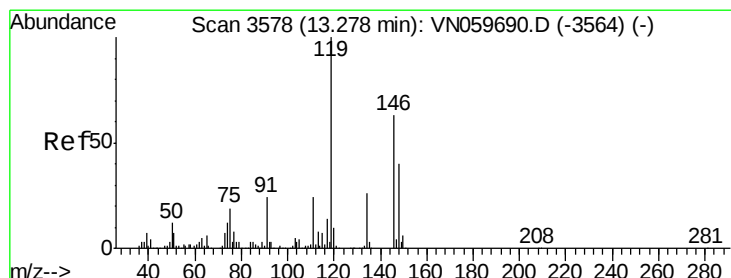
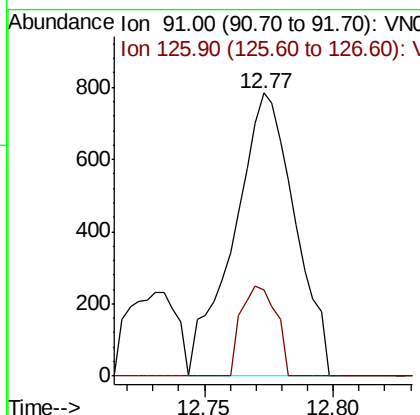
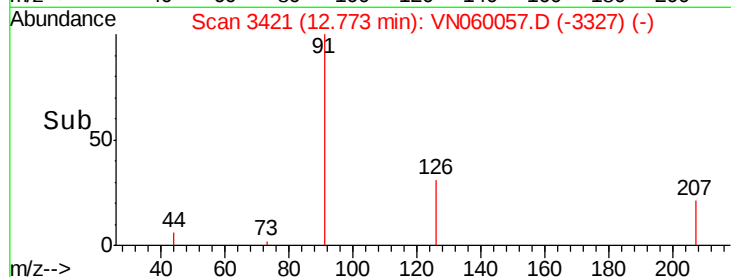
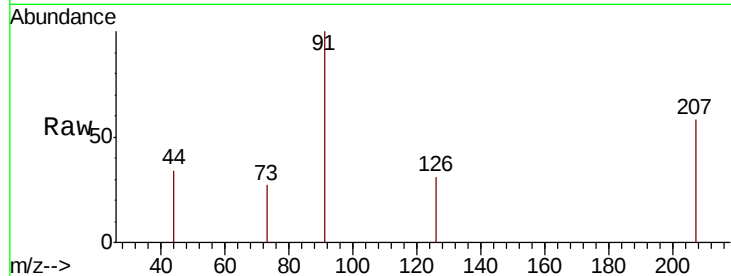




#82
4-Chlorotoluene
Concen: 0.239 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN060057.D
Acq: 11 Feb 2020 12:03

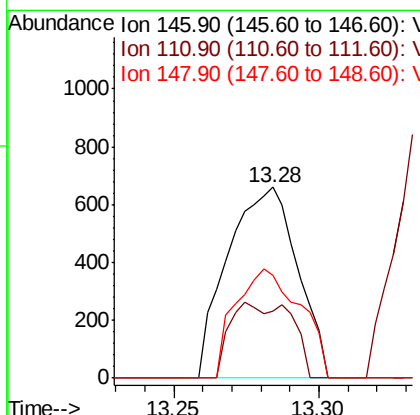
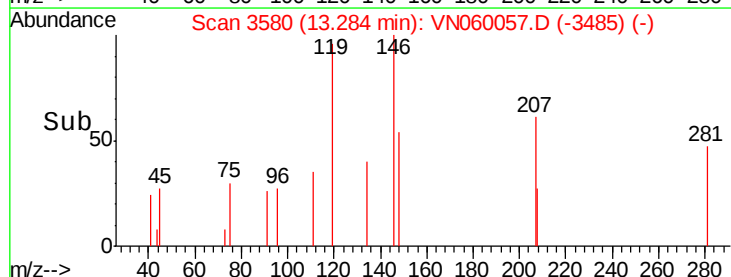
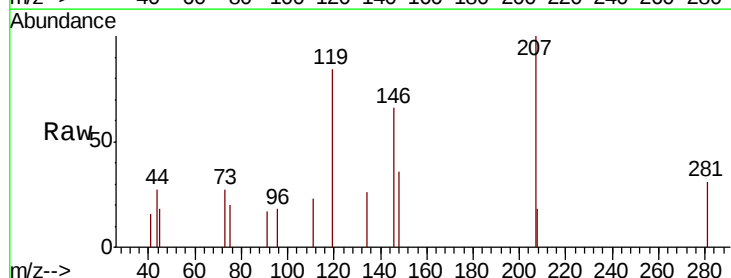
Instrument :
MSVOA_N
ClientSampled :

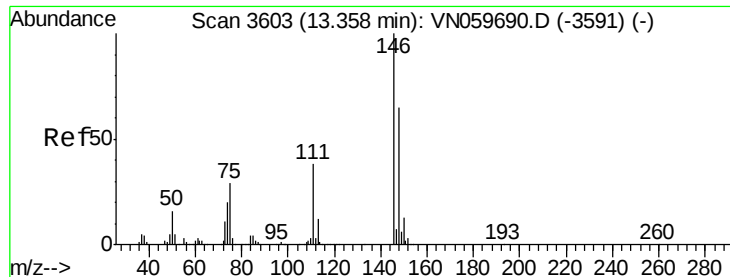
Tot Ion: 91 Resp: 1292
Ion Ratio Lower Upper
91 100
126 18.2 16.3 48.8



#87
1,3-Dichlorobenzene
Concen: 0.312 ug/l
RT: 13.28 min Scan# 3580
Delta R.T. 0.01 min
Lab File: VN060057.D
Acq: 11 Feb 2020 12:03

Tgt Ion: 146 Resp: 1107
Ion Ratio Lower Upper
146 100
111 19.4 20.8 62.2#
148 53.0 32.0 96.0





#88

1,4-Dichlorobenzene

Concen: 0.324 ug/l

RT: 13.36 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN060057.D

Acq: 11 Feb 2020 12:03

Instrument :

MSVOA_N

ClientSampled :

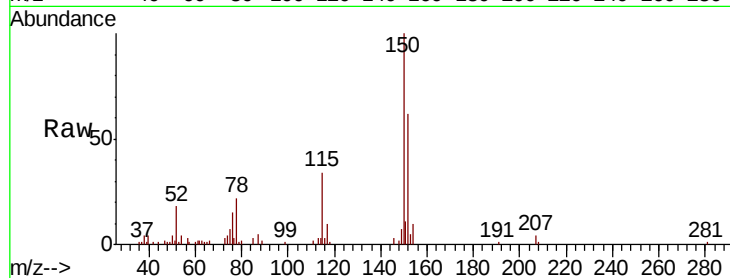
Tot Ion:146 Resp: 1148

Ion Ratio Lower Upper

146 100

111 174.1 20.8 62.2#

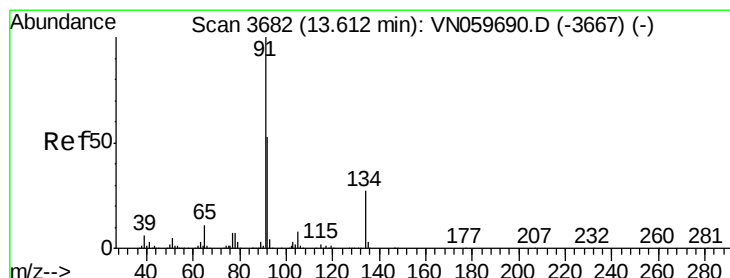
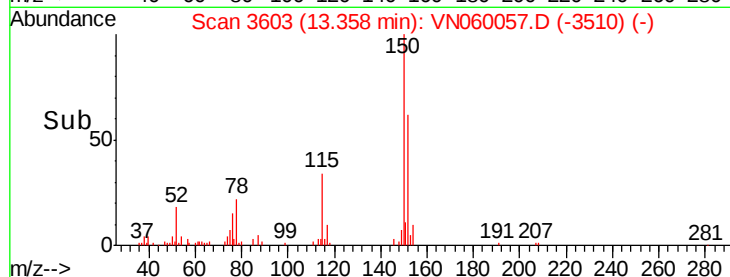
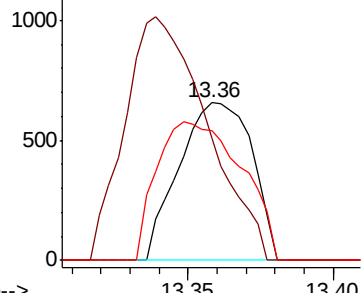
148 102.0 31.8 95.4#



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: 0.381 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN060057.D

Acq: 11 Feb 2020 12:03

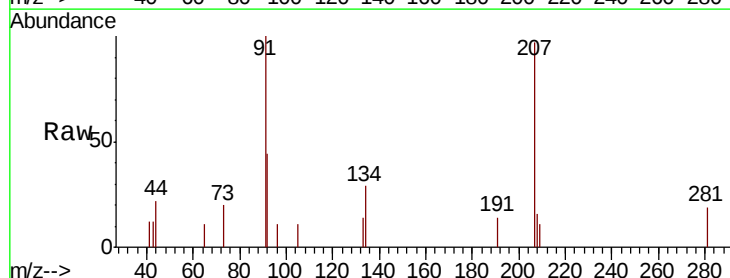
Tgt Ion: 91 Resp: 2315

Ion Ratio Lower Upper

91 100

92 42.7 25.9 77.7

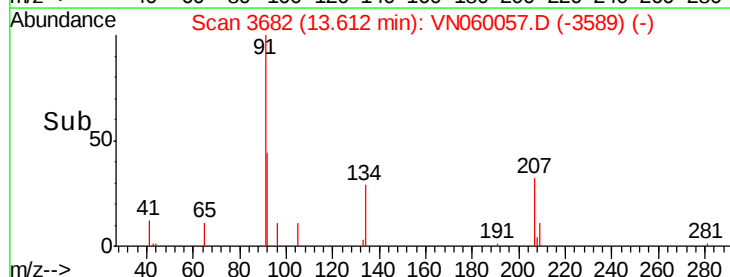
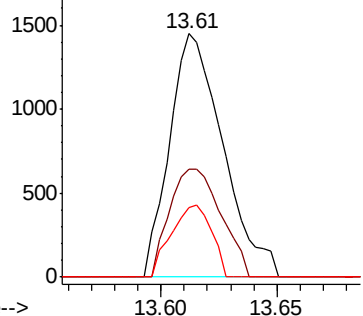
134 22.3 12.3 36.8

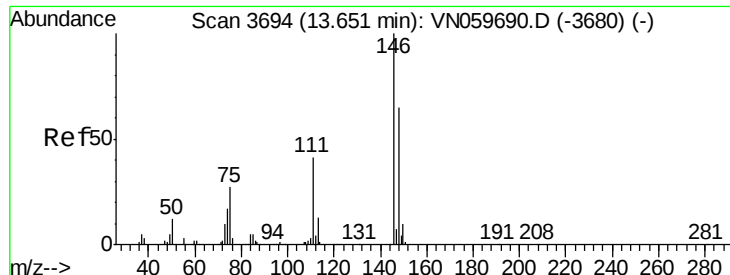


Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): V





#91

1,2-Dichlorobenzene

Concen: 0.277 ug/l

RT: 13.65 min Scan# 3693

Delta R.T. -0.00 min

Lab File: VN060057.D

Acq: 11 Feb 2020 12:03

Instrument :

MSVOA_N

ClientSampled :

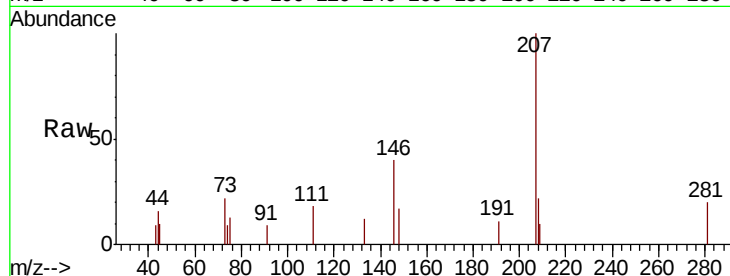
Tot Ion:146 Resp: 972

Ion Ratio Lower Upper

146 100

111 29.9 21.6 64.8

148 52.7 31.6 95.0



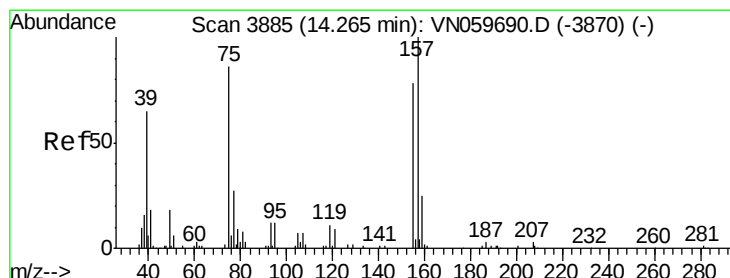
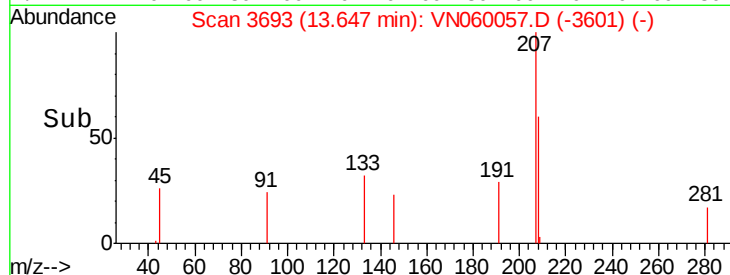
Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

13.65

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.26 min Scan# 3882

Delta R.T. -0.01 min

Lab File: VN060057.D

Acq: 11 Feb 2020 12:03

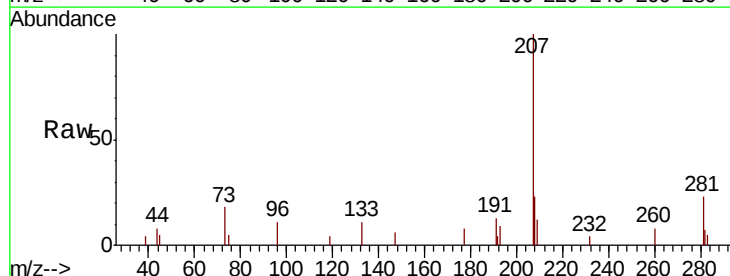
Tgt Ion: 75 Resp: 157

Ion Ratio Lower Upper

75 100

155 0.0 37.0 110.9#

157 0.0 48.4 145.2#



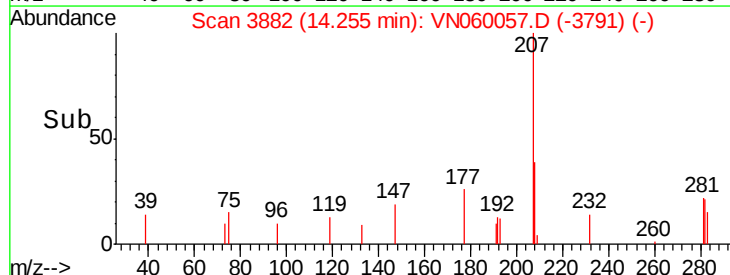
Abundance Ion 74.90 (74.60 to 75.60): VN0

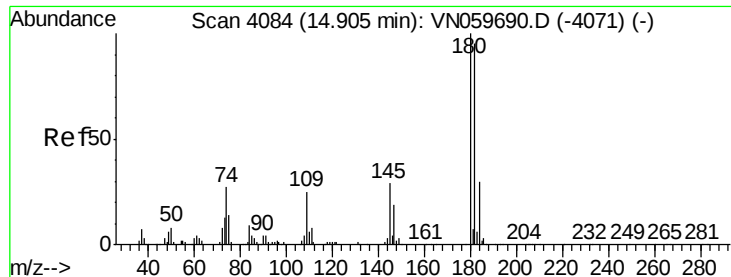
Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

14.26

Time-->

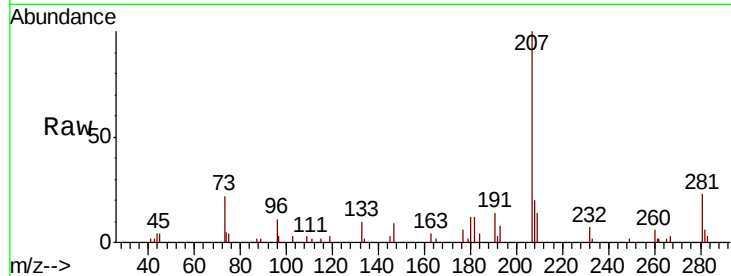




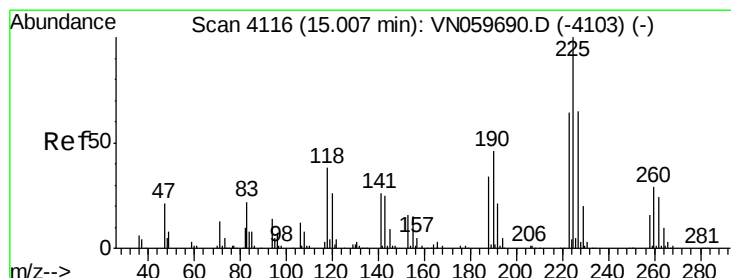
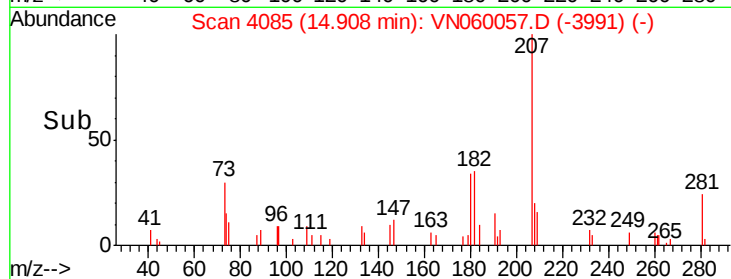
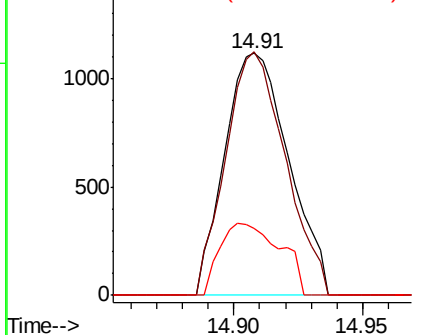
#93
 1,2,4-Trichlorobenzene
 Concen: 0.919 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN060057.D
 Acq: 11 Feb 2020 12:03

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 1938
 Ion Ratio Lower Upper
 180 100
 182 93.9 46.9 140.7
 145 28.0 15.0 45.1

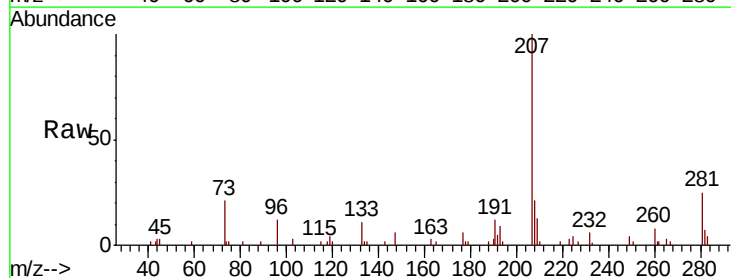


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

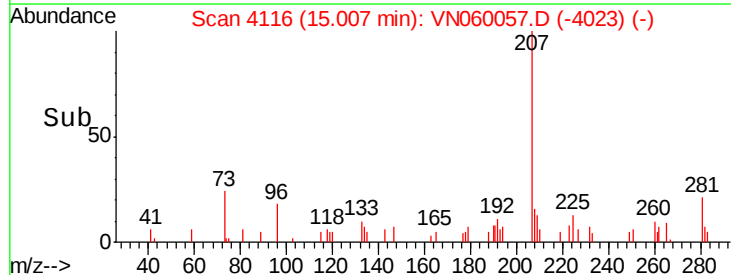
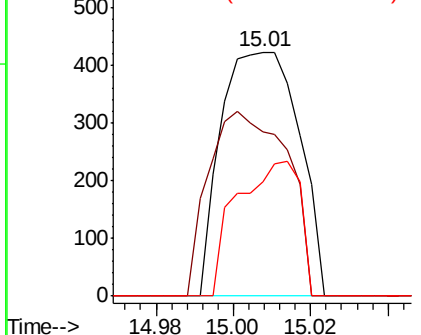


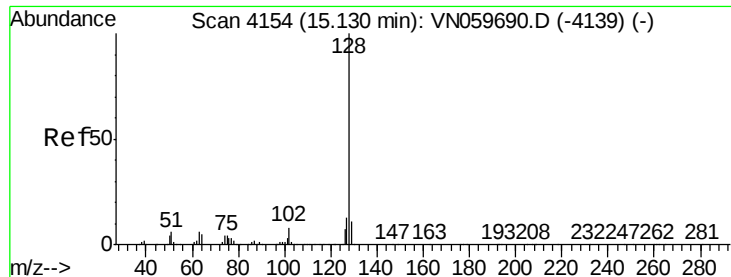
#94
 Hexachlorobutadiene
 Concen: 0.510 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN060057.D
 Acq: 11 Feb 2020 12:03

Tgt Ion:225 Resp: 592
 Ion Ratio Lower Upper
 225 100
 223 76.5 31.8 95.3
 227 44.8 32.1 96.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 1.341 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN060057.D

Acq: 11 Feb 2020 12:03

Instrument :

MSVOA_N

ClientSampled :

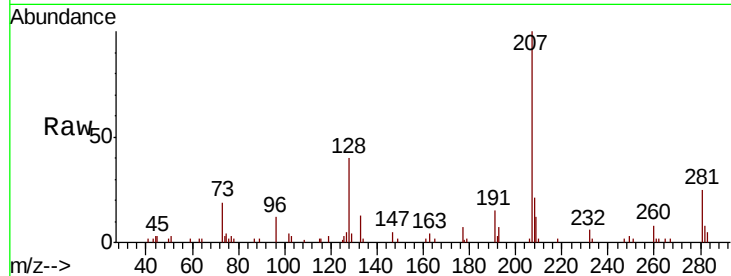
Tot Ion:128 Resp: 8041

Ion Ratio Lower Upper

128 100

127 10.5 10.4 15.6

129 9.3 8.6 12.8

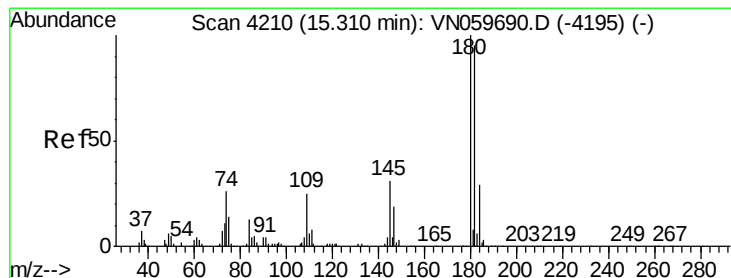
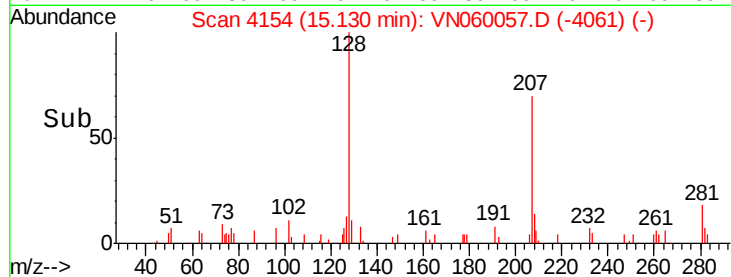
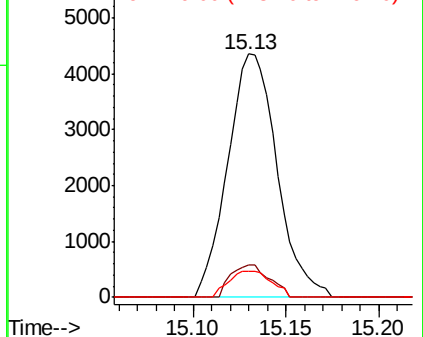


Abundance

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: 1.077 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN060057.D

Acq: 11 Feb 2020 12:03

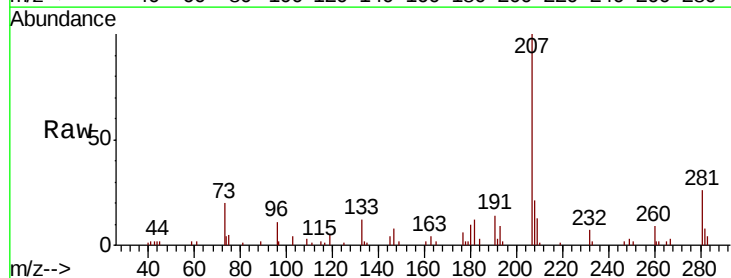
Tgt Ion:180 Resp: 2211

Ion Ratio Lower Upper

180 100

182 98.1 47.4 142.3

145 35.0 16.3 48.9



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

