

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112119\
 Data File : VN059333.D
 Acq On : 21 Nov 2019 14:22
 Operator : JC/SP
 Sample : K5957-07 10X
 Misc : 3.31g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 22 06:00:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	362892	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	551547	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	468408	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	192169	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	207550	47.67	ug/l	0.00
Spiked Amount			Recovery	=	95.34%	
35) Dibromofluoromethane	7.57	113	164585	49.74	ug/l	0.00
Spiked Amount			Recovery	=	99.48%	
50) Toluene-d8	10.08	98	661399	50.28	ug/l	0.00
Spiked Amount			Recovery	=	100.56%	
62) 4-Bromofluorobenzene	12.40	95	223747	48.65	ug/l	0.00
Spiked Amount			Recovery	=	97.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.53	94	767	0.236	ug/l	96
11) Tert butyl alcohol	4.72	59	2053	2.355	ug/l #	73
13) Acrolein	3.58	56	367	0.461	ug/l	100
16) Acetone	3.81	43	852	0.436	ug/l #	42
17) Carbon Disulfide	4.03	76	3724	0.443	ug/l #	87
30) Chloroform	7.35	83	3573	0.338	ug/l	96
31) Cyclohexane	7.65	56	6695	0.873	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	26435	4.643	ug/l #	50
38) Carbon Tetrachloride	7.64	117	33387	6.125	ug/l #	15
51) 4-Methyl-2-Pentanone	9.98	43	1283	0.234	ug/l	89
55) 1,1,2-Trichloroethane	10.53	97	1974	0.505	ug/l #	14
56) Ethyl methacrylate	10.43	69	940	2.329	ug/l #	1
59) 2-Hexanone	10.72	43	19809	4.942	ug/l #	28
67) Ethyl Benzene	11.51	91	4345	0.242	ug/l	91
71) Bromoform	12.41	173	723	0.261	ug/l #	1
73) Isopropylbenzene	12.25	105	12724	0.808	ug/l	97
74) N-amyl acetate	12.05	43	275228	43.503	ug/l #	58
75) 1,1,2,2-Tetrachloroethane	12.48	83	24077	4.624	ug/l #	8
76) 1,2,3-Trichloropropane	12.40	75	105120	23.678	ug/l #	100
77) Bromobenzene	12.52	156	823	0.216	ug/l	85
78) n-propylbenzene	12.59	91	27508	1.543	ug/l	96
79) 2-Chlorotoluene	12.67	91	2441	0.223	ug/l #	41
81) trans-1,4-Dichloro-2-buten	12.40	75	105120	59.222	ug/l #	18
82) 4-Chlorotoluene	12.78	91	4965	0.438	ug/l #	1
83) tert-Butylbenzene	13.00	119	18731	1.676	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	35074	2.706	ug/l	99
85) sec-Butylbenzene	13.17	105	62194	4.140	ug/l #	75
86) p-Isopropyltoluene	13.44	119	41273	3.088	ug/l	90
87) 1,3-Dichlorobenzene	13.29	146	1401	0.206	ug/l #	1
88) 1,4-Dichlorobenzene	13.37	146	1908	0.284	ug/l #	1
89) n-Butylbenzene	13.62	91	33484	2.855	ug/l #	72
90) Hexachloroethane	13.89	117	19318	7.631	ug/l #	9
91) 1,2-Dichlorobenzene	13.66	146	1744	0.265	ug/l #	71
93) 1,2,4-Trichlorobenzene	14.91	180	4496	3.973	ug/l #	1

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Quant Title : SW846 8260
QLast Update : Thu Nov 21 08:44:45 2019
Response via : Initial Calibration

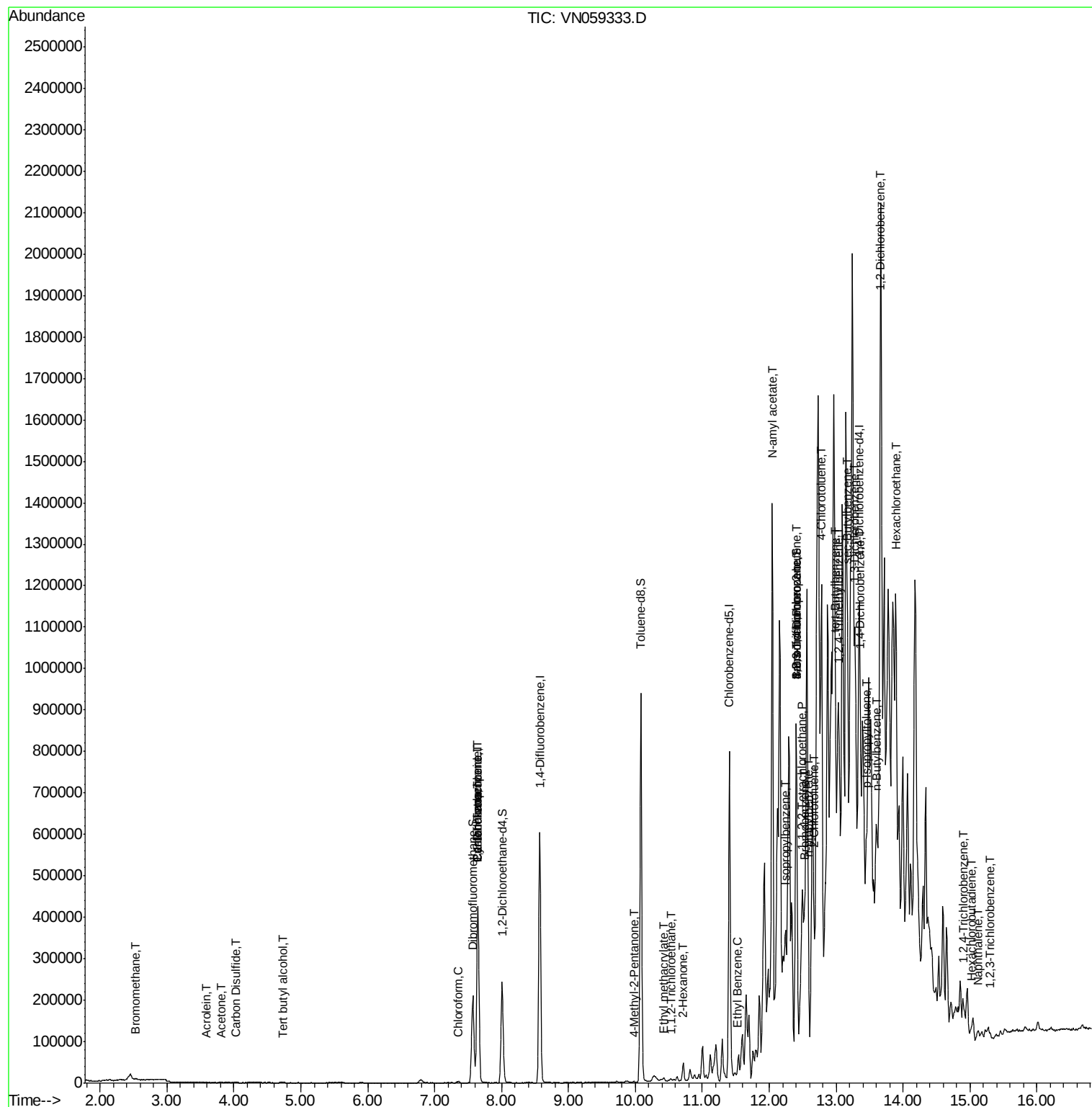
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.01	225	1010	0.426	ug/l	85
95) Naphthalene	15.13	128	17995	4.656	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.30	180	5505	3.220	ug/l #	77

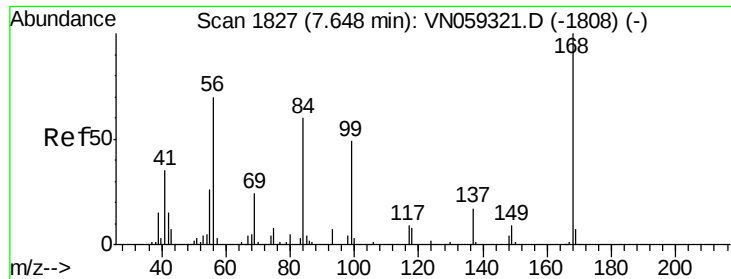
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059333.D

Acq: 21 Nov 2019 14:22

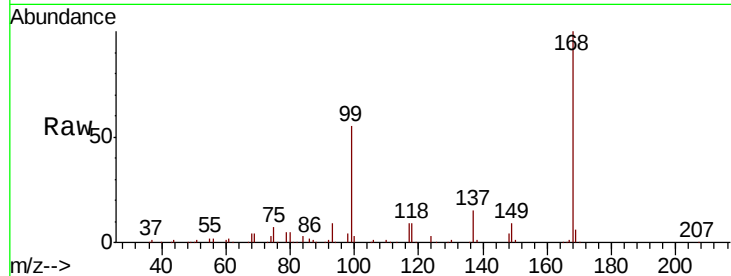
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 362892

Ion Ratio Lower Upper

168 100

99 54.8 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

150000

100000

50000

0

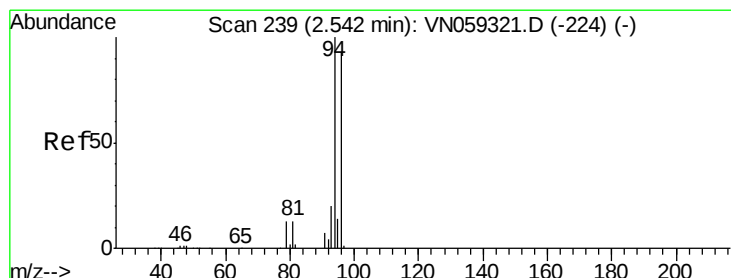
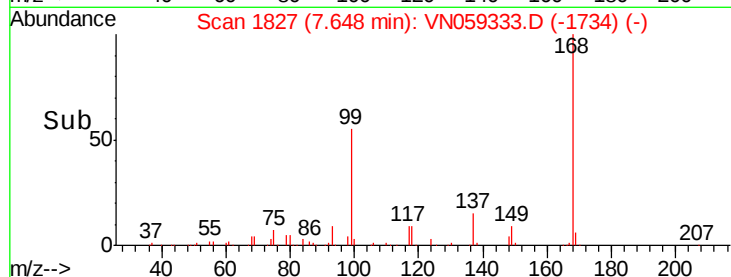
Time-->

7.50

7.60

7.70

7.80



#5

Bromomethane

Concen: 0.236 ug/l

RT: 2.53 min Scan# 236

Delta R.T. -0.01 min

Lab File: VN059333.D

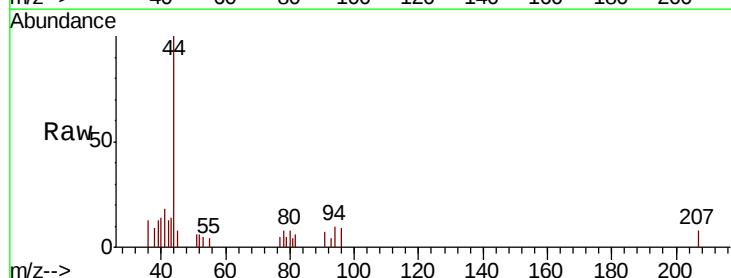
Acq: 21 Nov 2019 14:22

Tgt Ion: 94 Resp: 767

Ion Ratio Lower Upper

94 100

96 88.8 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.53

400

300

200

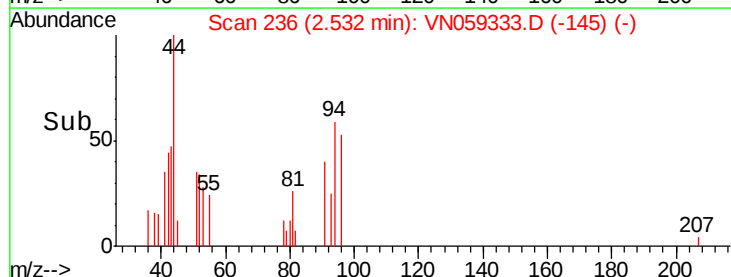
100

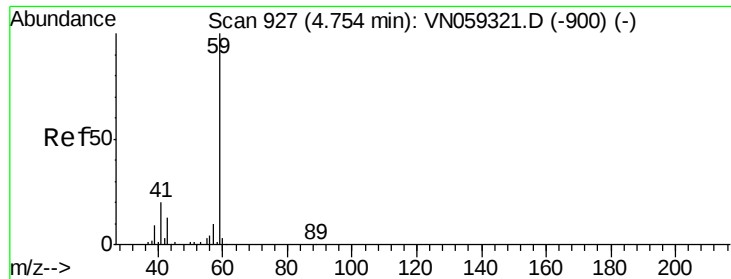
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Time-->

2.50

2.55

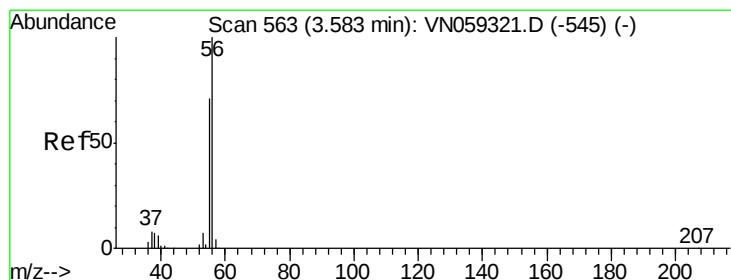
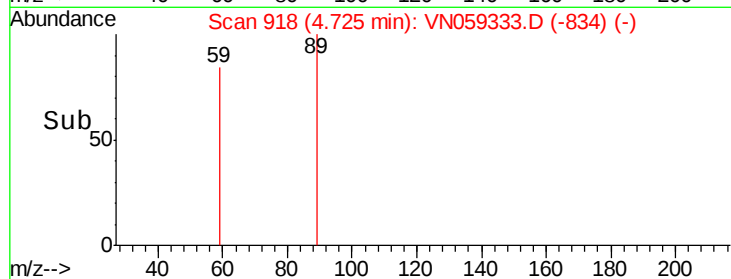
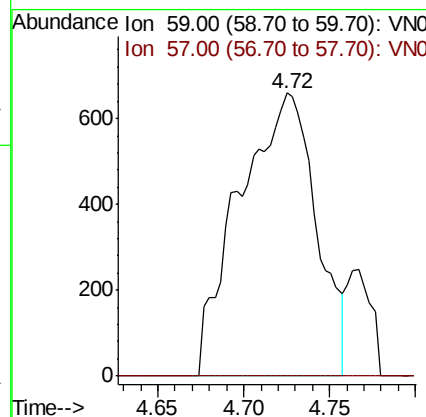
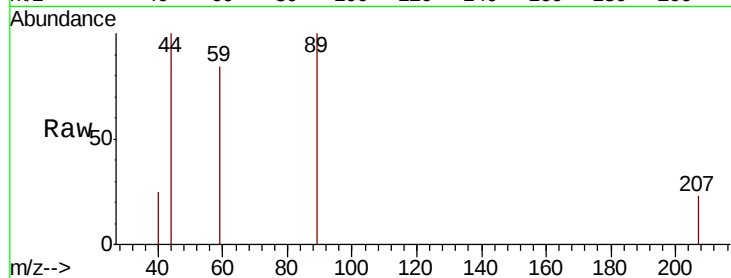




#11
Tert butyl alcohol
Concen: 2.355 ug/l
RT: 4.72 min Scan# 918
Delta R.T. -0.03 min
Lab File: VN059333.D
Acq: 21 Nov 2019 14:22

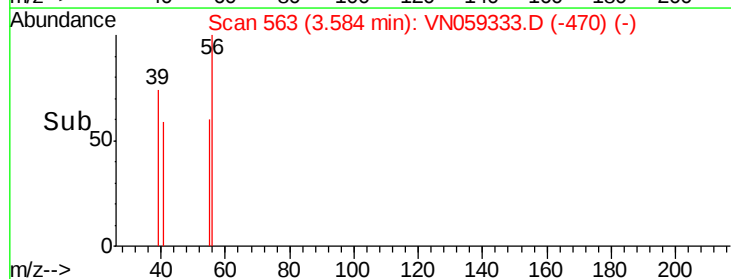
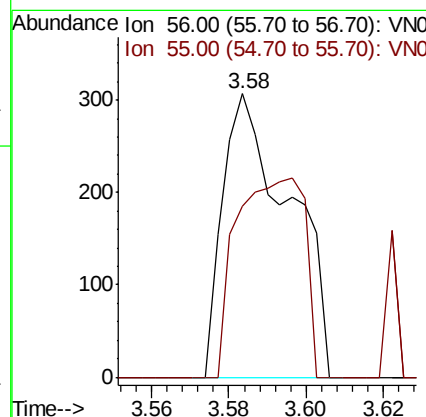
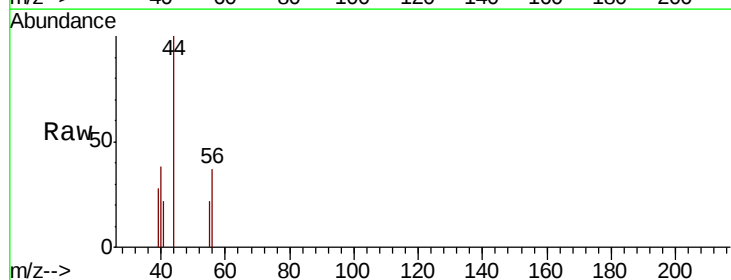
Instrument :
MSVOA_N
ClientSampled :

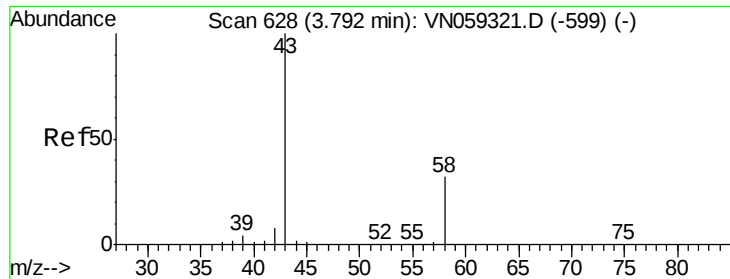
Tot Ion: 59 Resp: 2053
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#13
Acrolein
Concen: 0.461 ug/l
RT: 3.58 min Scan# 563
Delta R.T. 0.00 min
Lab File: VN059333.D
Acq: 21 Nov 2019 14:22

Tgt Ion: 56 Resp: 367
Ion Ratio Lower Upper
56 100
55 71.7 57.4 86.0





#16

Acetone

Concen: 0.436 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: VN059333.D

Acq: 21 Nov 2019 14:22

Instrument :

MSVOA_N

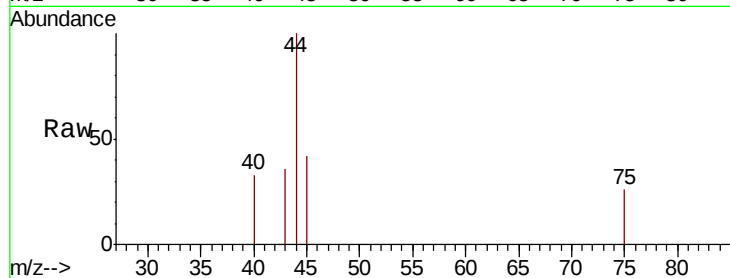
ClientSampled :

Tot Ion: 43 Resp: 852

Ion Ratio Lower Upper

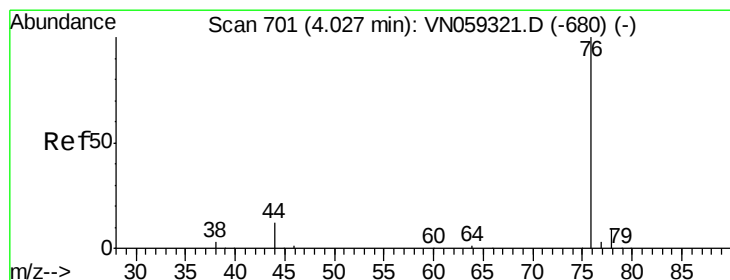
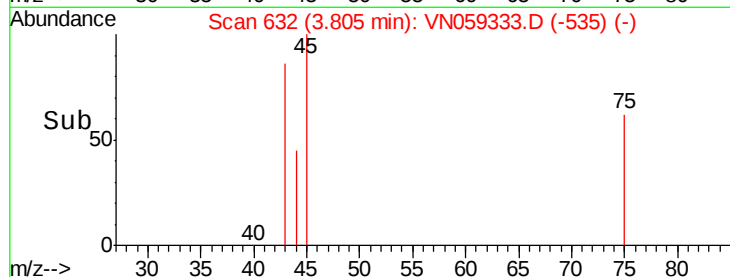
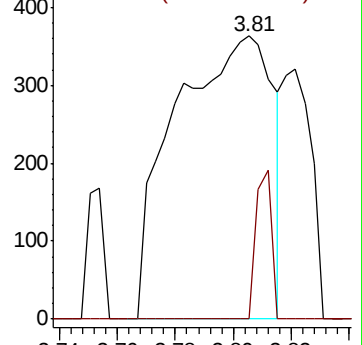
43 100

58 0.0 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#17

Carbon Disulfide

Concen: 0.443 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN059333.D

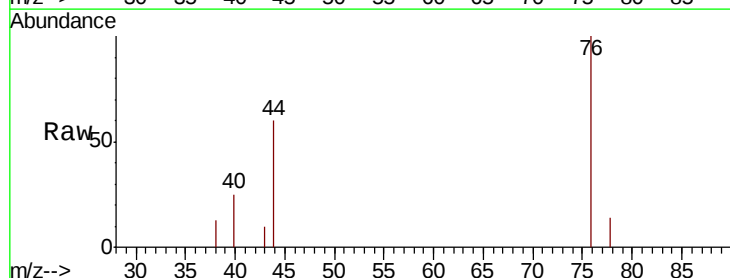
Acq: 21 Nov 2019 14:22

Tgt Ion: 76 Resp: 3724

Ion Ratio Lower Upper

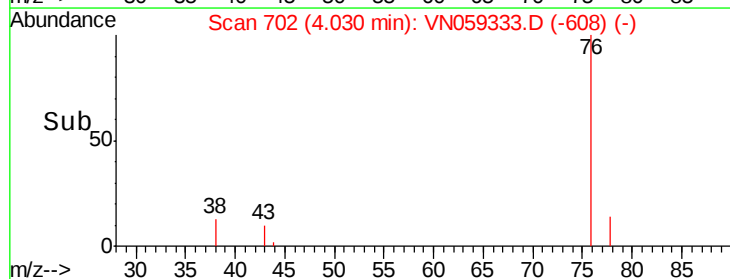
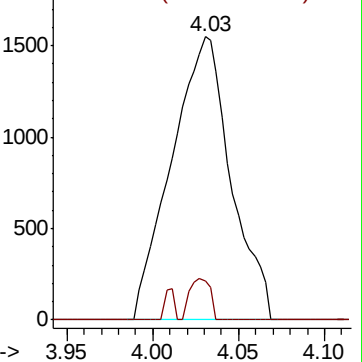
76 100

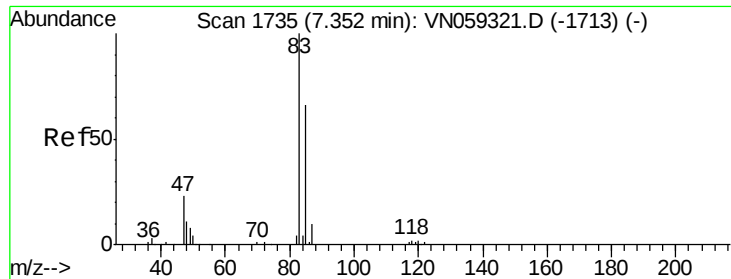
78 13.6 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

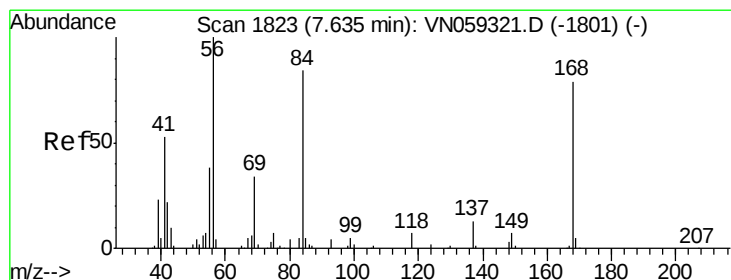
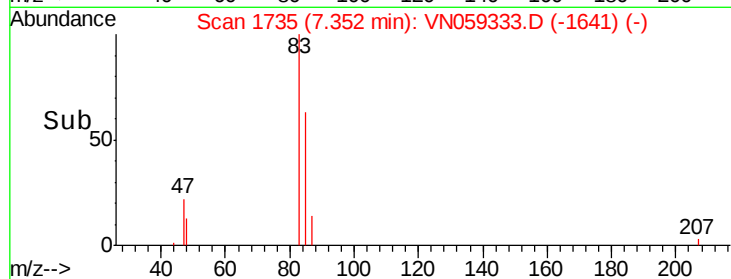
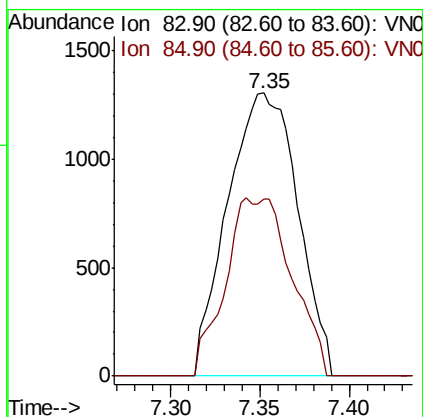
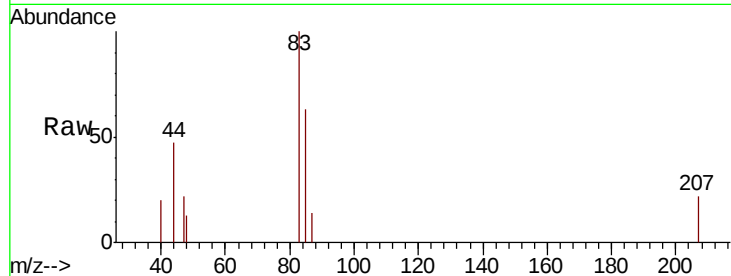




#30
Chloroform
Concen: 0.338 ug/l
RT: 7.35 min Scan# 1735
Delta R.T. 0.00 min
Lab File: VN059333.D
Acq: 21 Nov 2019 14:22

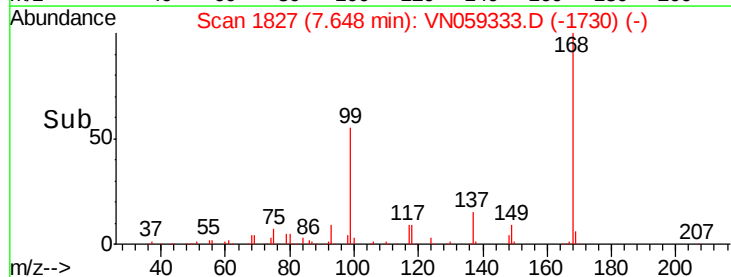
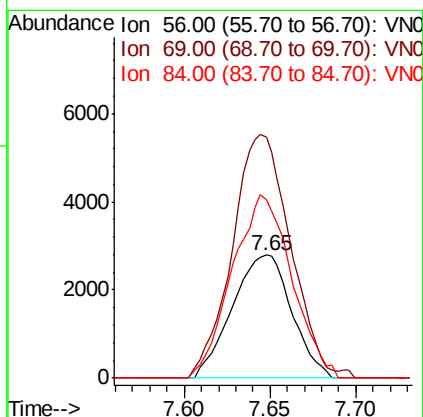
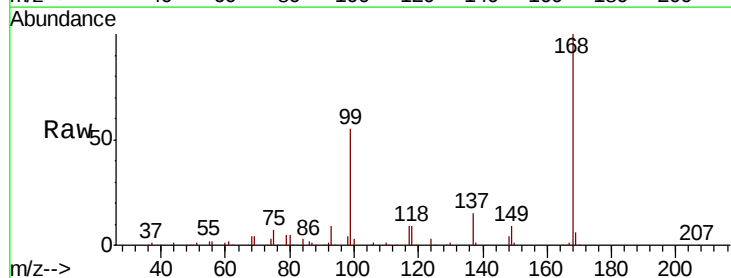
Instrument :
MSVOA_N
ClientSampled :

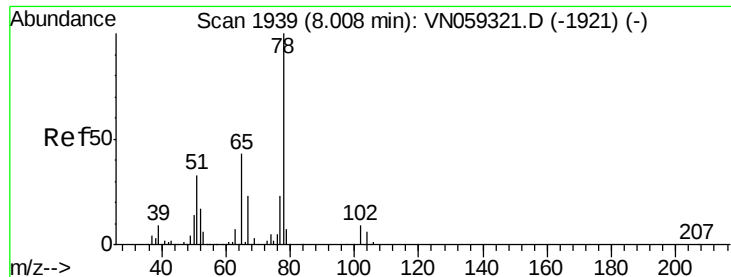
Tot Ion: 83 Resp: 3573
Ion Ratio Lower Upper
83 100
85 62.5 52.7 79.1



#31
Cyclohexane
Concen: 0.873 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VN059333.D
Acq: 21 Nov 2019 14:22

Tgt Ion: 56 Resp: 6695
Ion Ratio Lower Upper
56 100
69 195.5 26.6 40.0#
84 144.3 67.0 100.4#

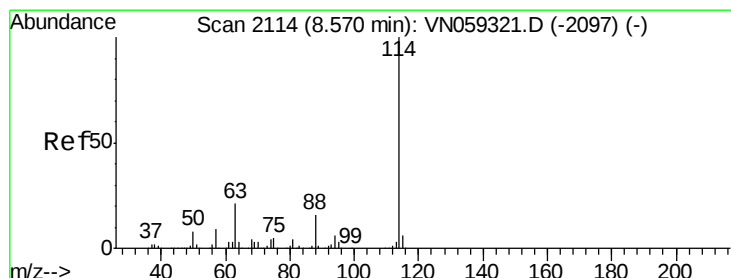
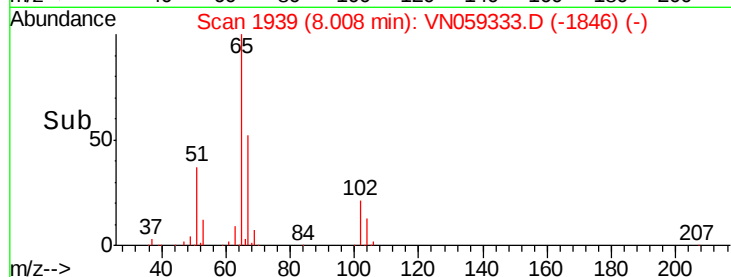
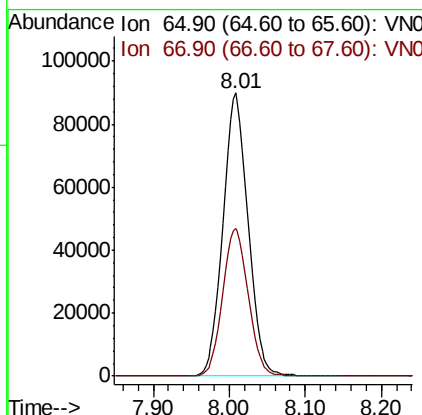
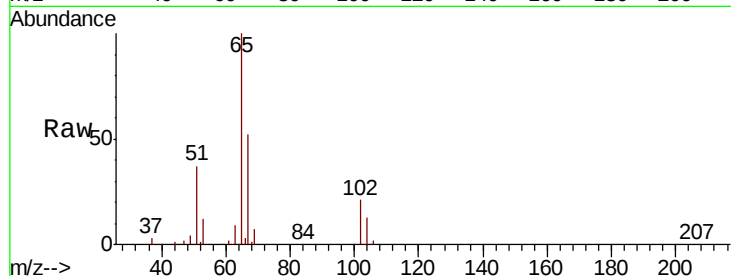




#33
 1,2-Dichloroethane-d4
 Concen: 47.668 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN059333.D
 Acq: 21 Nov 2019 14:22

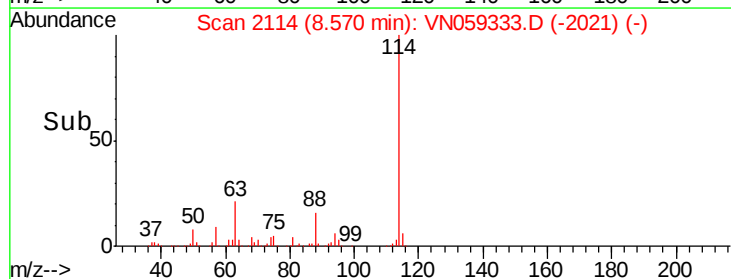
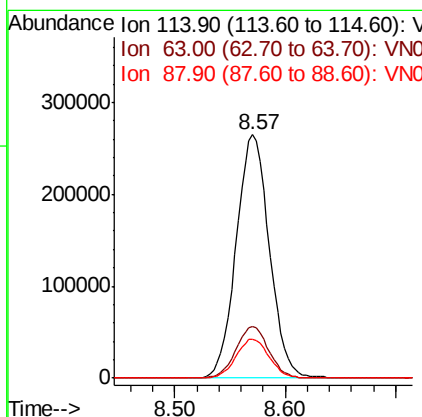
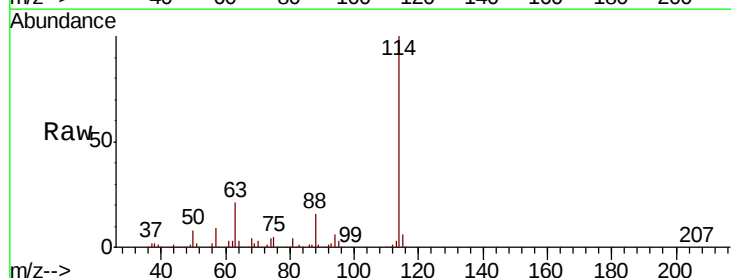
Instrument :
 MSVOA_N
 ClientSampled :

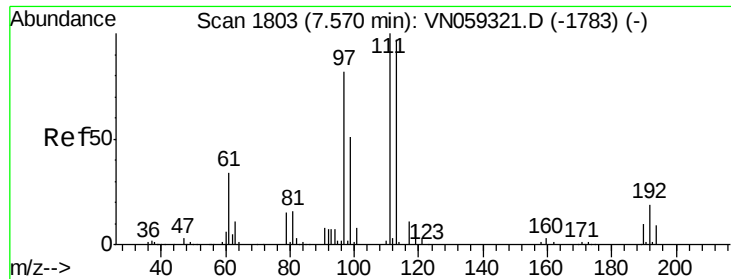
Tot Ion: 65 Resp: 207550
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059333.D
 Acq: 21 Nov 2019 14:22

Tgt Ion: 114 Resp: 551547
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 42.2
 88 16.2 0.0 32.2

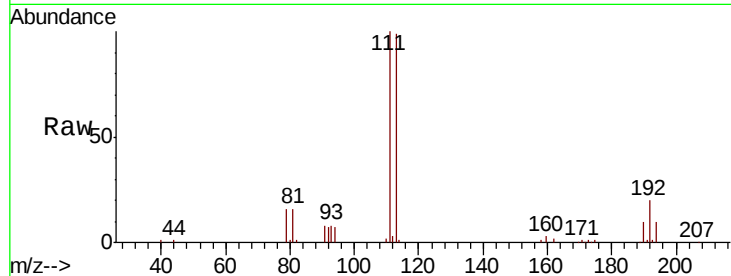




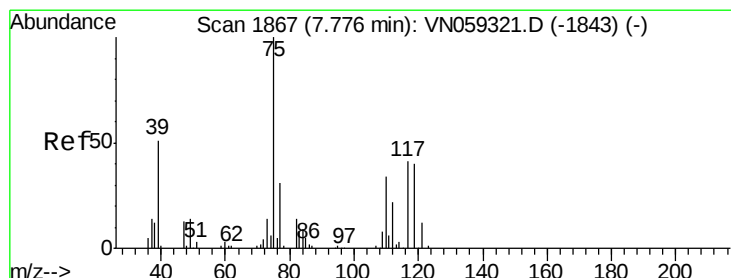
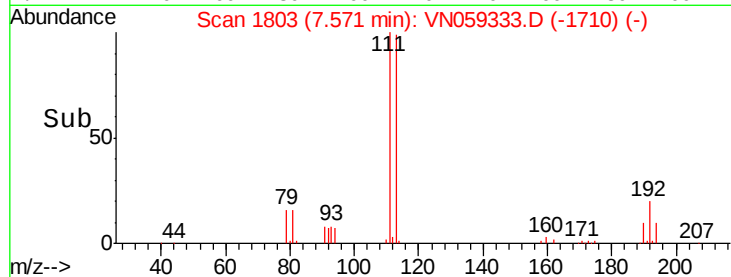
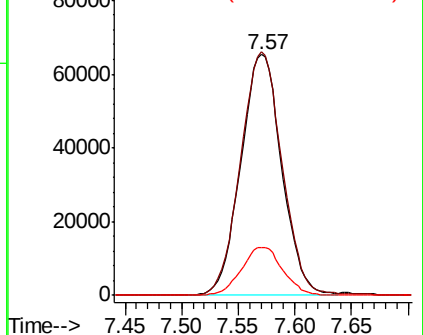
#35
Dibromofluoromethane
Concen: 49.739 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN059333.D
Acq: 21 Nov 2019 14:22

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:113 Resp: 164585
Ion Ratio Lower Upper
113 100
111 102.1 82.7 124.1
192 20.3 16.3 24.5

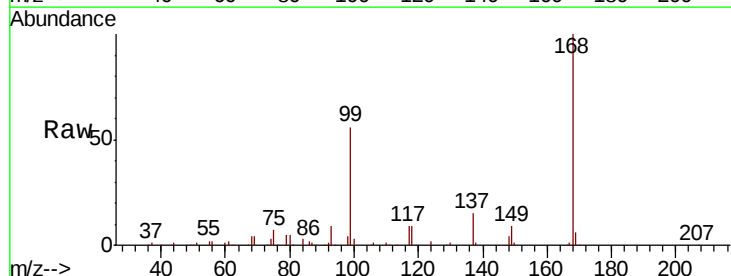


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

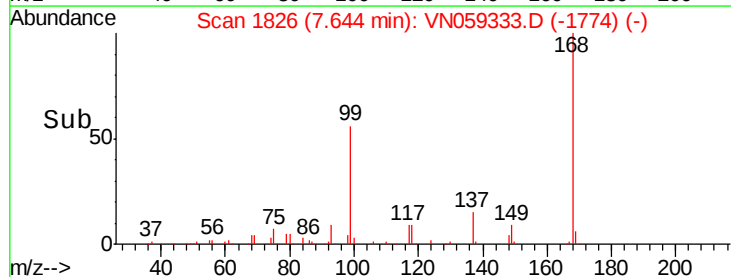
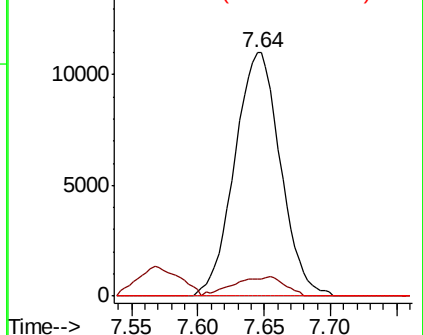


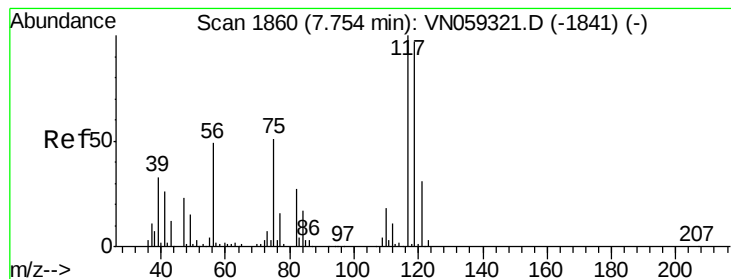
#36
1,1-Dichloropropene
Concen: 4.643 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. -0.13 min
Lab File: VN059333.D
Acq: 21 Nov 2019 14:22

Tgt Ion: 75 Resp: 26435
Ion Ratio Lower Upper
75 100
110 8.8 17.0 51.0#
77 0.0 24.8 37.2#



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





#38

Carbon Tetrachloride

Concen: 6.125 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.11 min

Lab File: VN059333.D

Acq: 21 Nov 2019 14:22

Instrument :

MSVOA_N

ClientSampled :

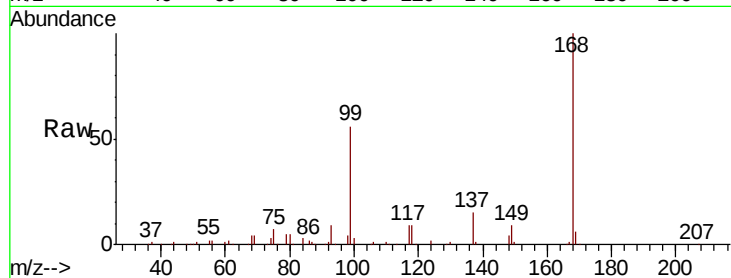
Tot Ion:117 Resp: 33387

Ion Ratio Lower Upper

117 100

119 4.2 77.0 115.4#

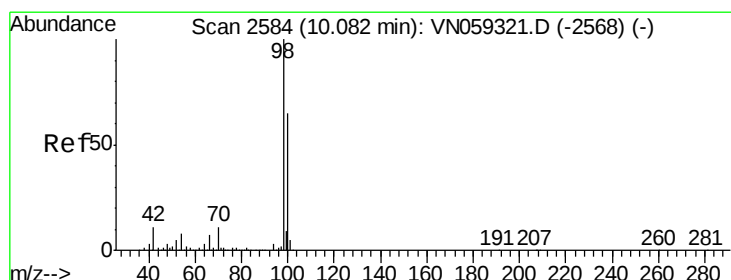
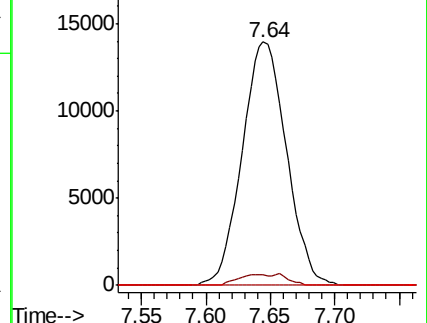
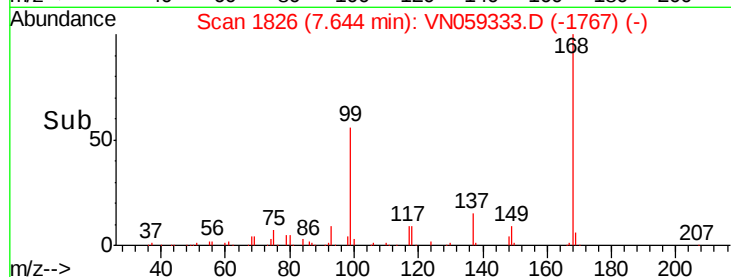
121 0.0 24.4 36.6#



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



#50

Toluene-d8

Concen: 50.279 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059333.D

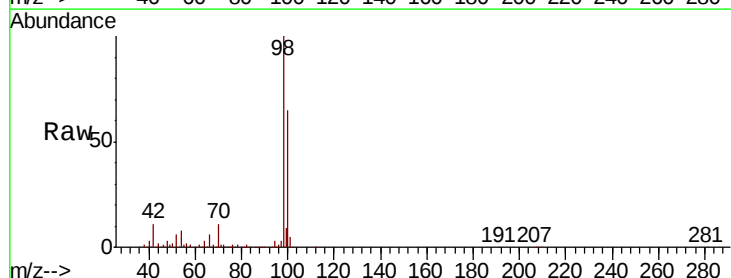
Acq: 21 Nov 2019 14:22

Tgt Ion: 98 Resp: 661399

Ion Ratio Lower Upper

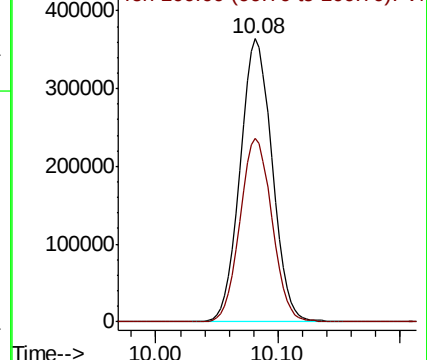
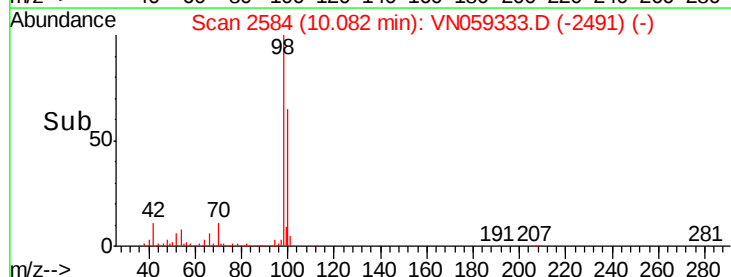
98 100

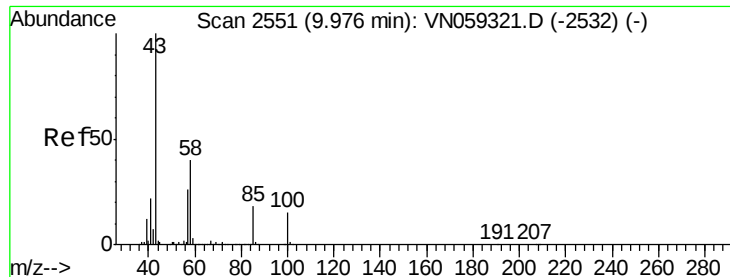
100 65.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

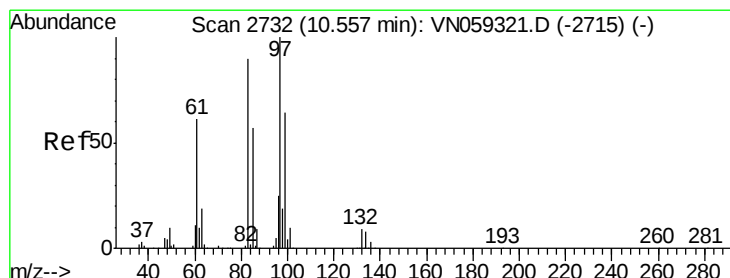
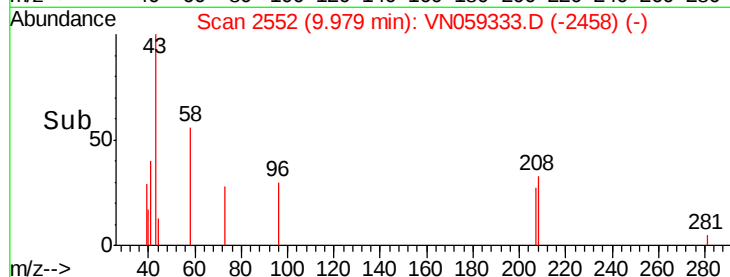
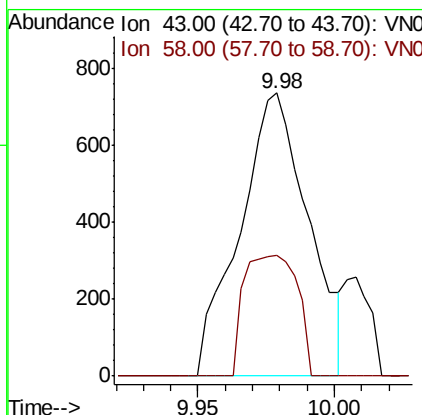
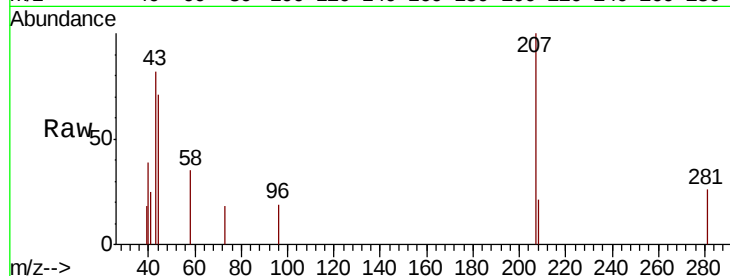




#51
4-Methyl-2-Pentanone
Concen: 0.234 ug/l
RT: 9.98 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VN059333.D
Acq: 21 Nov 2019 14:22

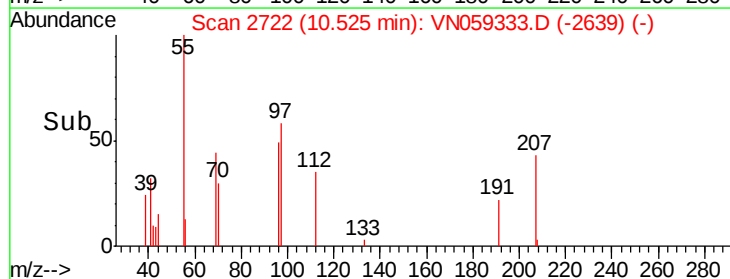
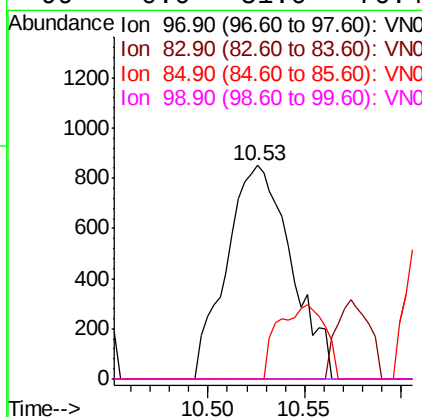
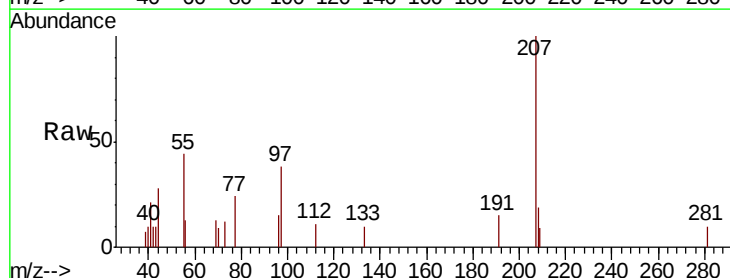
Instrument :
MSVOA_N
ClientSampleId :

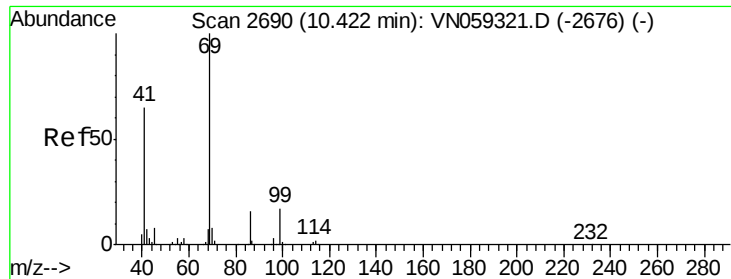
Tot Ion: 43 Resp: 1283
Ion Ratio Lower Upper
43 100
58 33.2 31.8 47.8



#55
1,1,2-Trichloroethane
Concen: 0.505 ug/l
RT: 10.53 min Scan# 2722
Delta R.T. -0.03 min
Lab File: VN059333.D
Acq: 21 Nov 2019 14:22

Tgt Ion: 97 Resp: 1974
Ion Ratio Lower Upper
97 100
83 0.0 72.0 108.0#
85 0.0 45.8 68.6#
99 0.0 51.0 76.4#

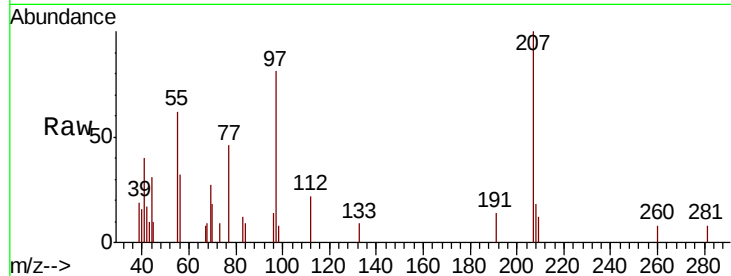




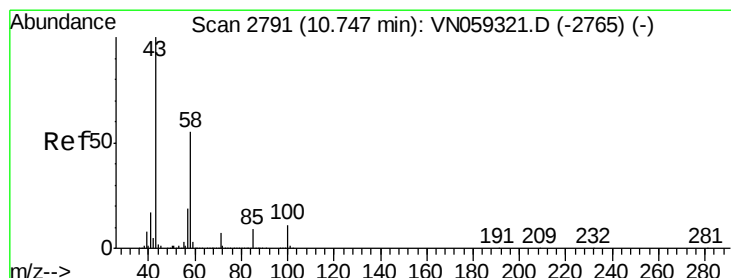
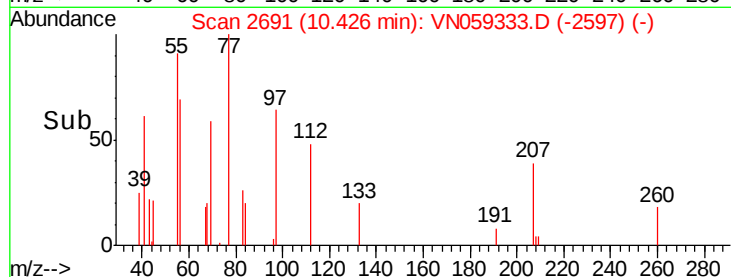
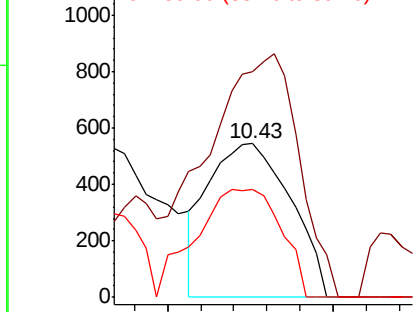
#56
Ethyl methacrylate
Concen: 2.329 ug/l
RT: 10.43 min Scan# 2691
Delta R.T. 0.00 min
Lab File: VN059333.D
Acq: 21 Nov 2019 14:22

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 69 Resp: 940
Ion Ratio Lower Upper
69 100
41 180.3 51.7 77.5#
39 72.4 25.2 37.8#

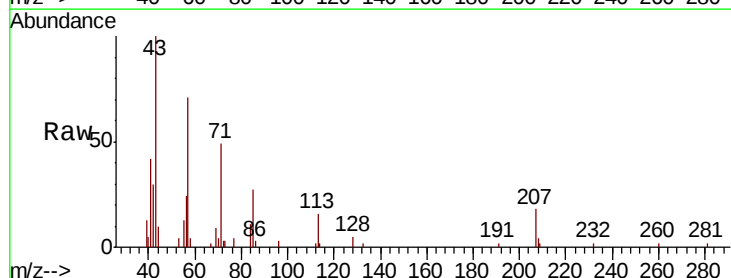


Abundance Ion 69.00 (68.70 to 69.70): VN0
Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

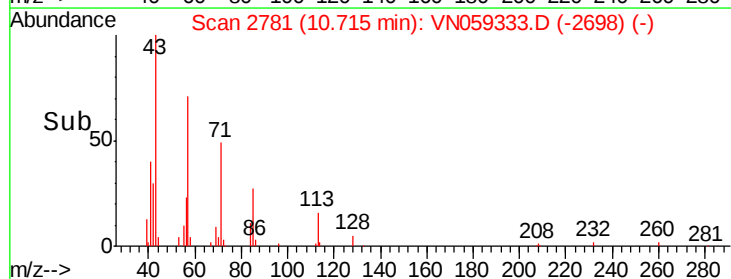
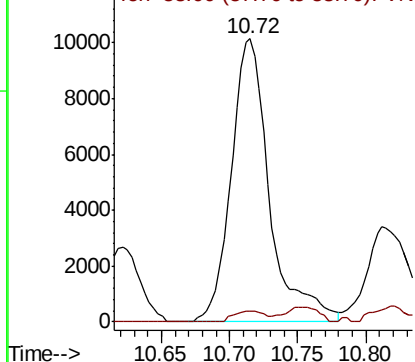


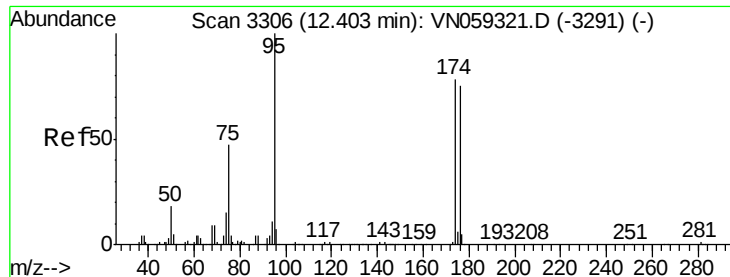
#59
2-Hexanone
Concen: 4.942 ug/l
RT: 10.72 min Scan# 2781
Delta R.T. -0.03 min
Lab File: VN059333.D
Acq: 21 Nov 2019 14:22

Tgt Ion: 43 Resp: 19809
Ion Ratio Lower Upper
43 100
58 3.2 27.7 83.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

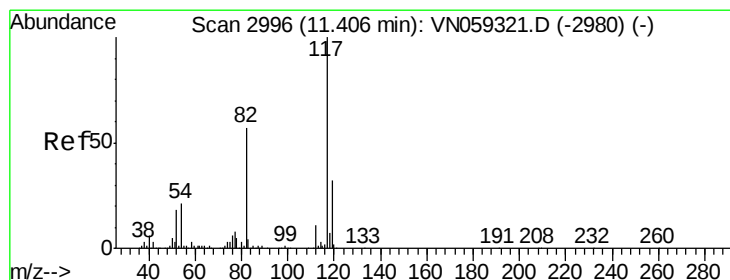
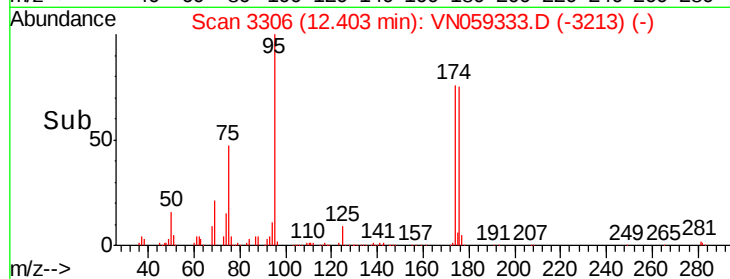
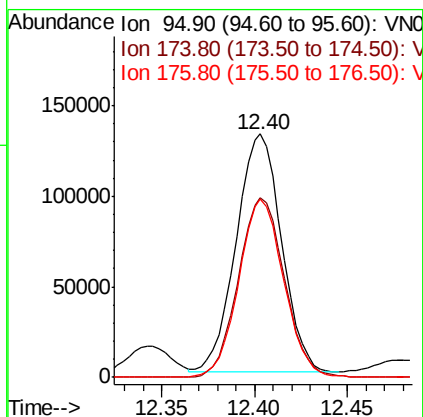
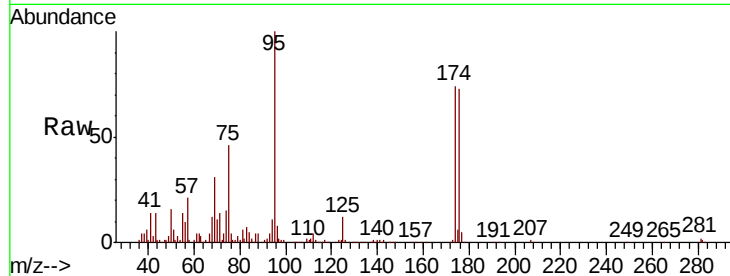




#62
4-Bromofluorobenzene
Concen: 48.645 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN059333.D
Acq: 21 Nov 2019 14:22

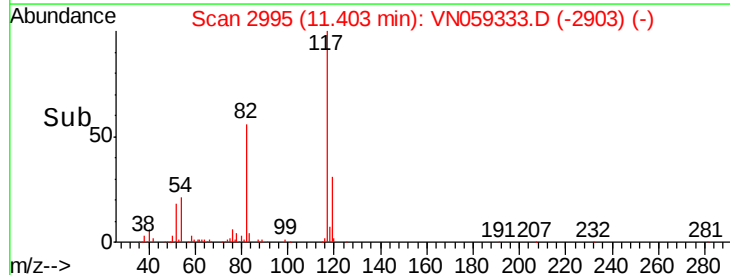
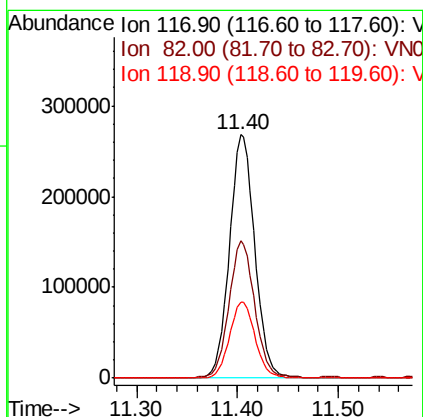
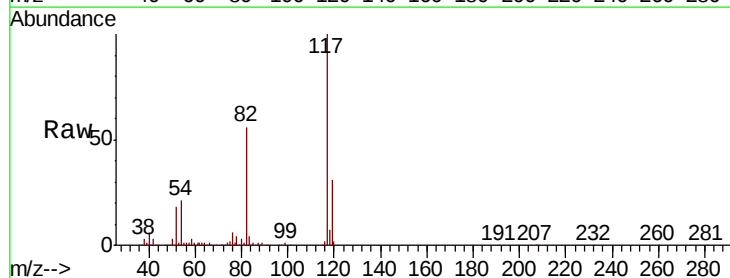
Instrument :
MSVOA_N
ClientSampleId :

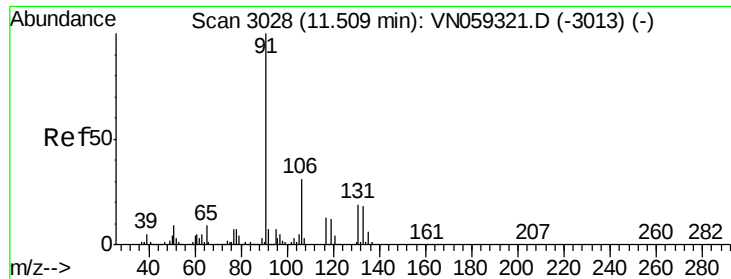
Tot Ion: 95 Resp: 223747
Ion Ratio Lower Upper
95 100
174 76.6 0.0 157.4
176 74.0 0.0 151.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059333.D
Acq: 21 Nov 2019 14:22

Tgt Ion: 117 Resp: 468408
Ion Ratio Lower Upper
117 100
82 55.9 45.7 68.5
119 31.4 25.8 38.6

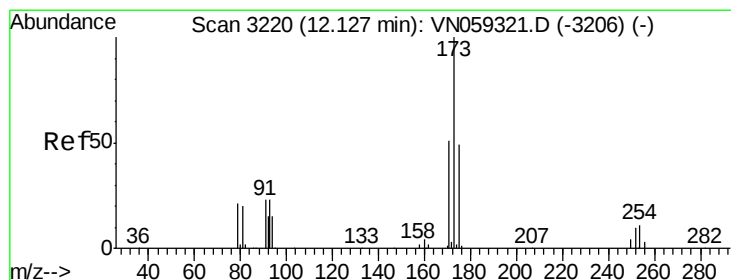
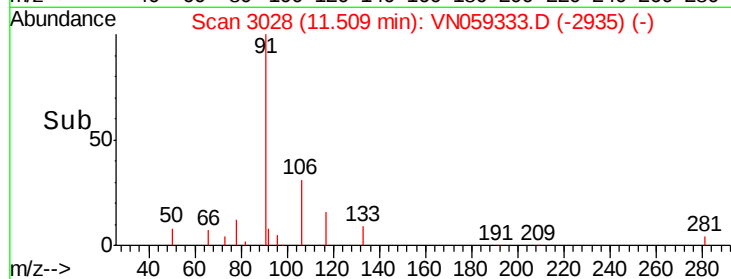
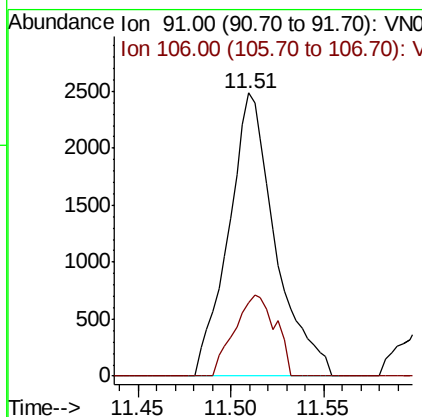
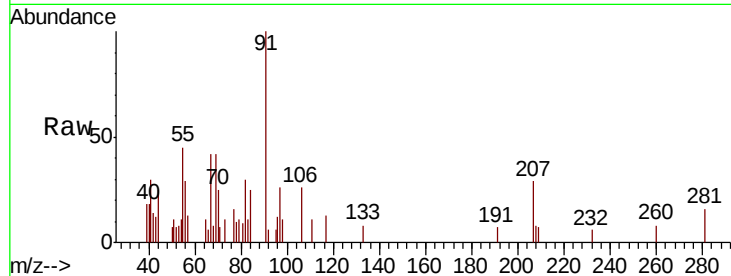




#67
Ethyl Benzene
Concen: 0.242 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN059333.D
Acq: 21 Nov 2019 14:22

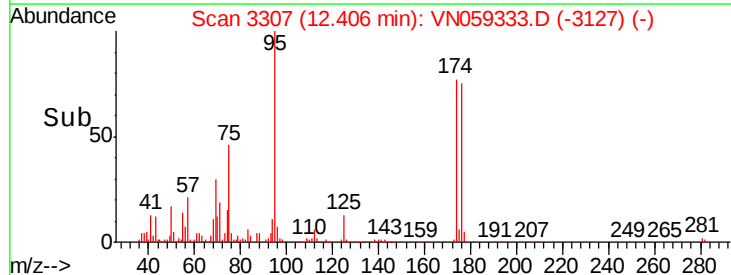
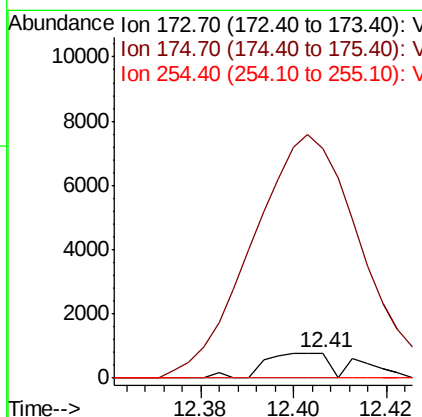
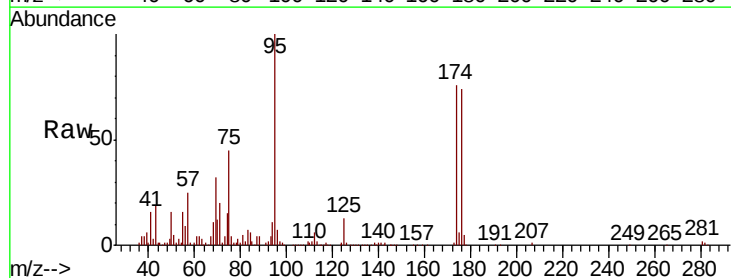
Instrument :
MSVOA_N
ClientSampled :

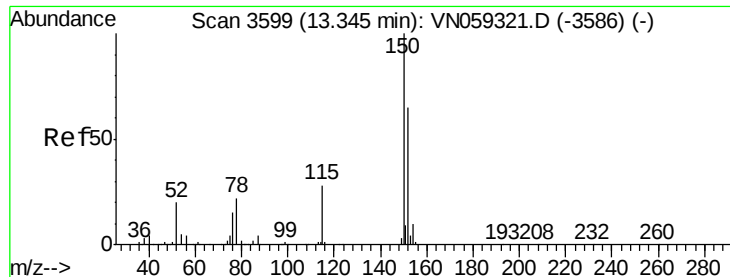
Tot Ion: 91 Resp: 4345
Ion Ratio Lower Upper
91 100
106 26.1 24.6 37.0



#71
Bromoform
Concen: 0.261 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.28 min
Lab File: VN059333.D
Acq: 21 Nov 2019 14:22

Tgt Ion: 173 Resp: 723
Ion Ratio Lower Upper
173 100
175 1458.1 24.6 73.6#
254 0.0 0.1 0.1#



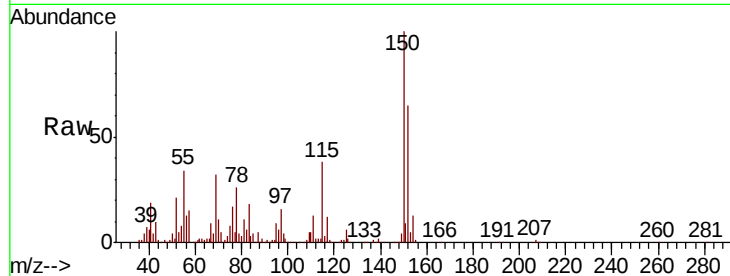


#72

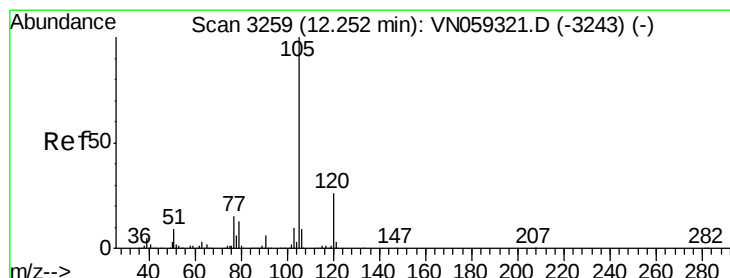
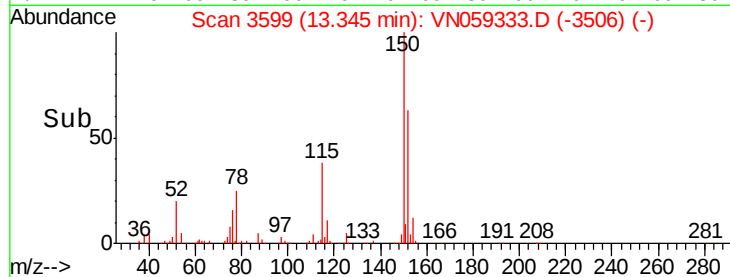
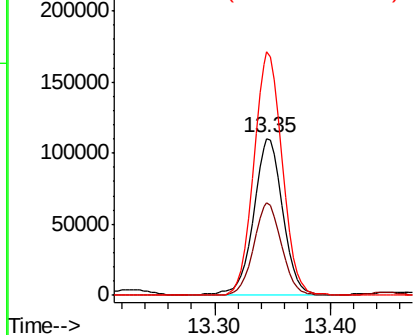
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN059333.D
Acq: 21 Nov 2019 14:22

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.1	29.3	88.0
150	152.5	0.0	346.0



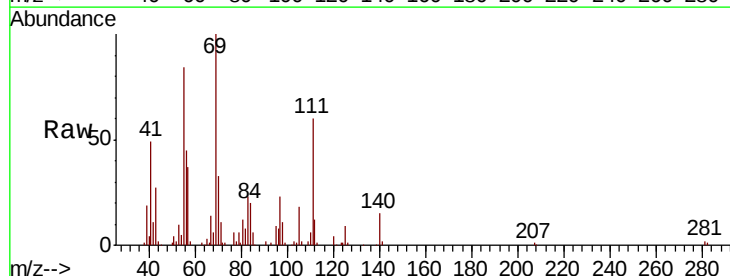
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



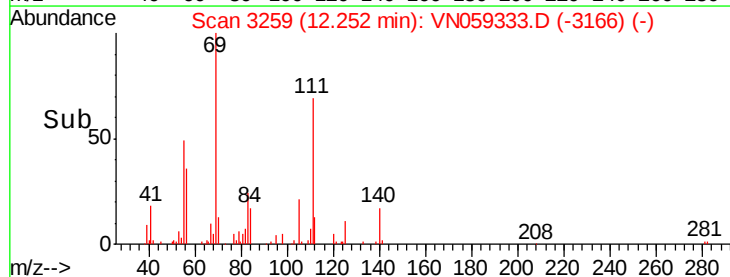
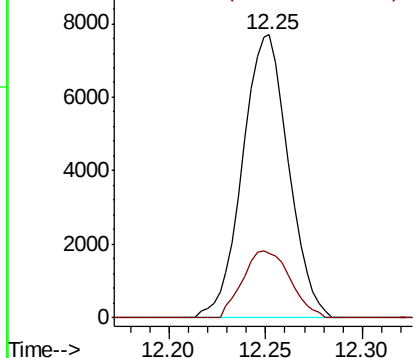
#73

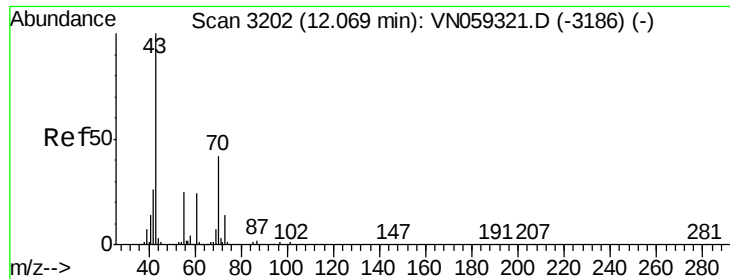
Isopropylbenzene
Concen: 0.808 ug/l
RT: 12.25 min Scan# 3259
Delta R.T. 0.00 min
Lab File: VN059333.D
Acq: 21 Nov 2019 14:22

Tgt Ion	Ratio	Lower	Upper
105	100		
120	24.5	13.1	39.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

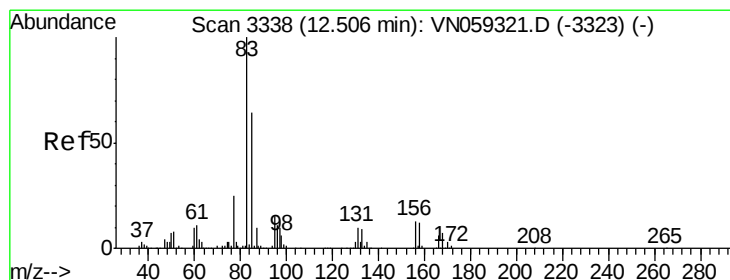
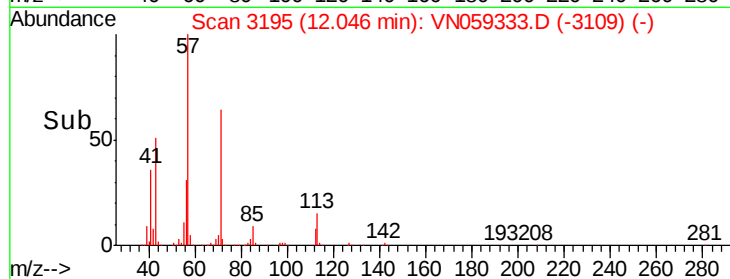
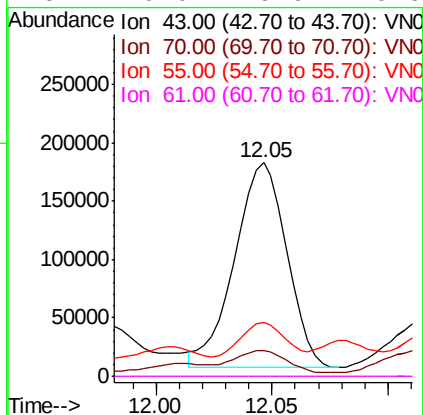
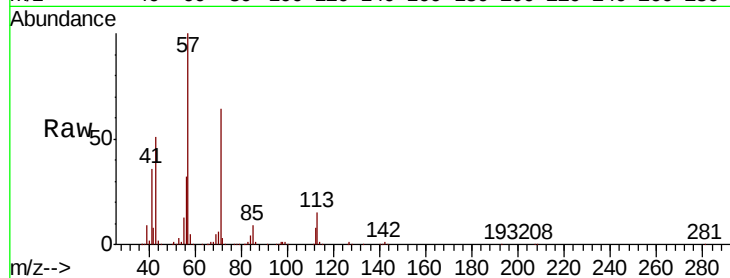




#74
N-amvl acetate
Concen: 43.503 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. -0.02 min
Lab File: VN059333.D
Acq: 21 Nov 2019 14:22

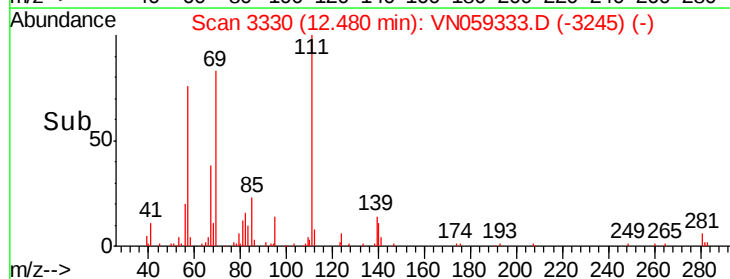
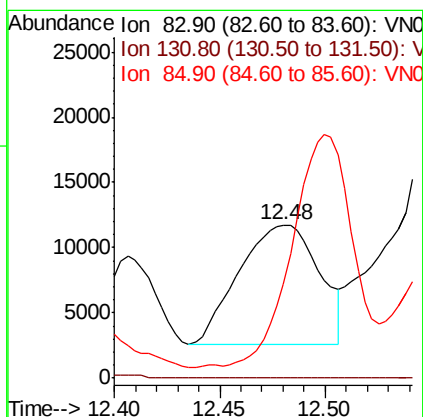
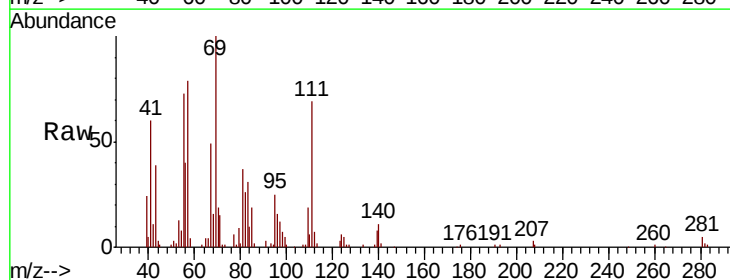
Instrument :
MSVOA_N
ClientSampleId :

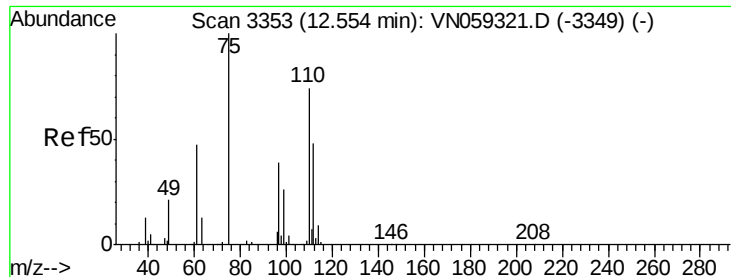
Tot Ion: 43 Resp: 275228
Ion Ratio Lower Upper
43 100
70 11.0 33.8 50.6#
55 13.5 20.3 30.5#
61 0.0 19.9 29.9#



#75
1,1,2,2-Tetrachloroethane
Concen: 4.624 ug/l
RT: 12.48 min Scan# 3330
Delta R.T. -0.03 min
Lab File: VN059333.D
Acq: 21 Nov 2019 14:22

Tgt Ion: 83 Resp: 24077
Ion Ratio Lower Upper
83 100
131 0.0 5.0 14.9#
85 144.0 32.1 96.3#





#76

1,2,3-Trichloropropane

Concen: 23.678 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN059333.D

Acq: 21 Nov 2019 14:22

Instrument :

MSVOA_N

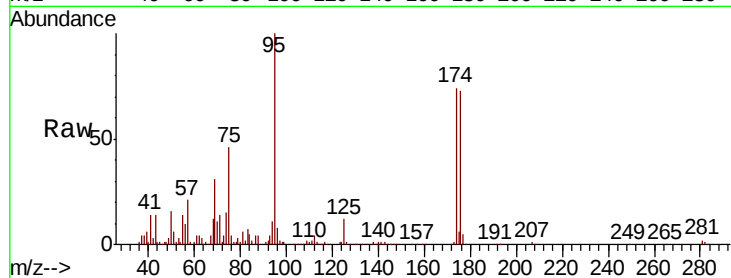
ClientSampleId :

Tot Ion: 75 Resp: 105120

Ion Ratio Lower Upper

75 100

77 2.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN059321.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN059321.D (-3349) (-)

12.40

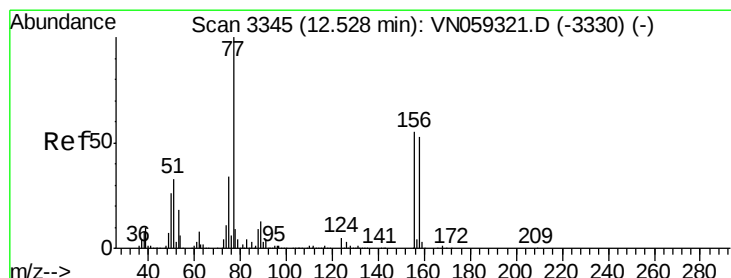
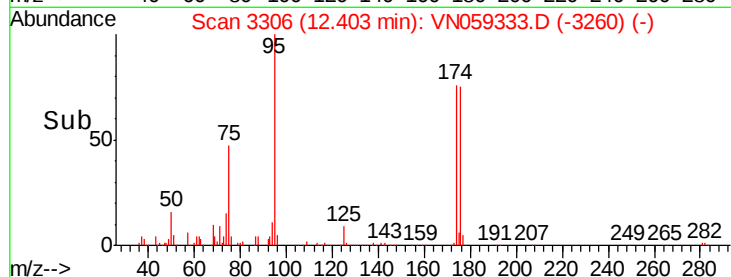
60000

40000

20000

0

Time--> 12.30 12.40 12.50



#77

Bromobenzene

Concen: 0.216 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.01 min

Lab File: VN059333.D

Acq: 21 Nov 2019 14:22

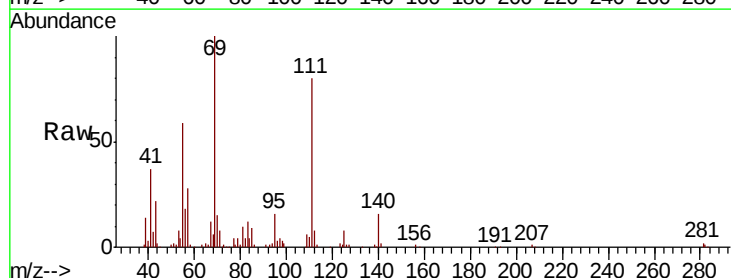
Tgt Ion: 156 Resp: 823

Ion Ratio Lower Upper

156 100

77 215.3 111.1 333.4

158 55.8 47.8 143.4



Abundance Ion 155.80 (155.50 to 156.50): VN059321.D (-3330) (-)

Ion 77.00 (76.70 to 77.70): VN059321.D (-3330) (-)

Ion 157.80 (157.50 to 158.50): VN059321.D (-3330) (-)

8000

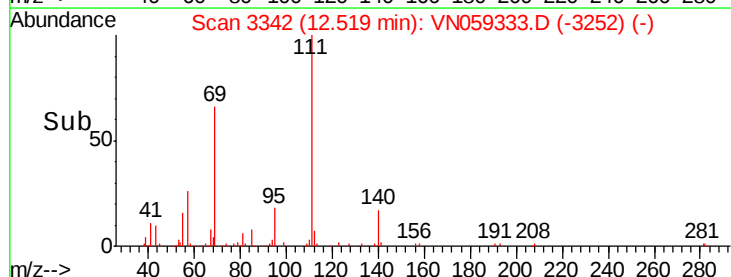
6000

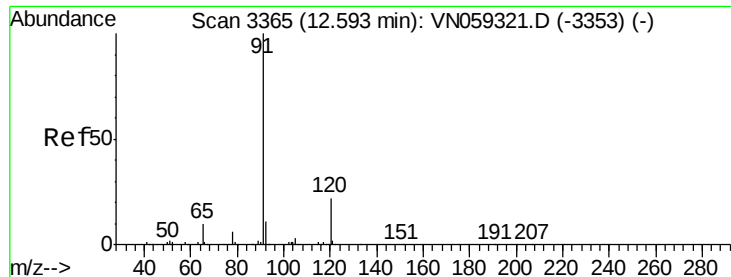
4000

2000

0

Time--> 12.50 12.52 12.55





#78

n-propylbenzene

Concen: 1.543 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN059333.D

Acq: 21 Nov 2019 14:22

Instrument :

MSVOA_N

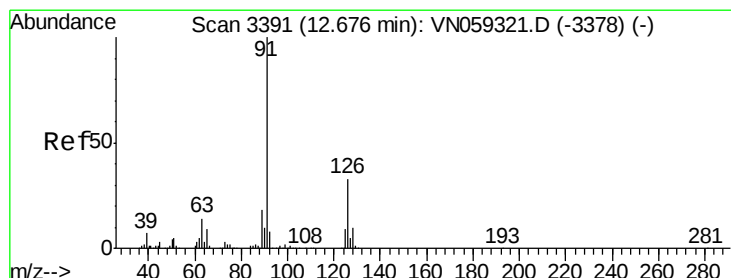
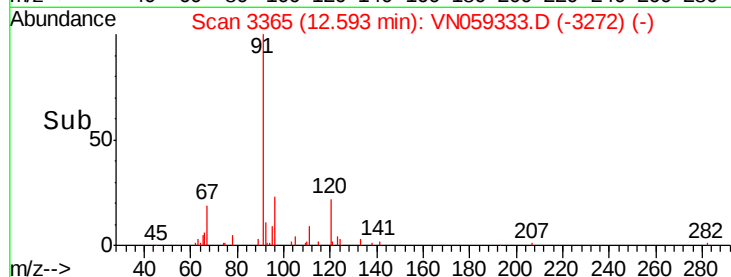
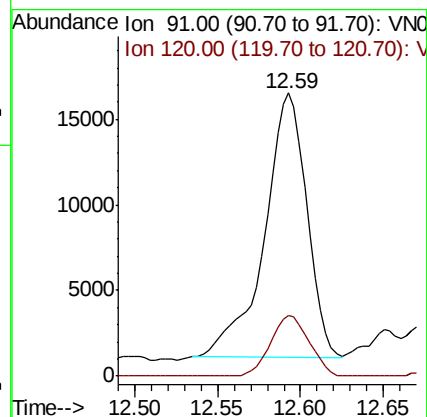
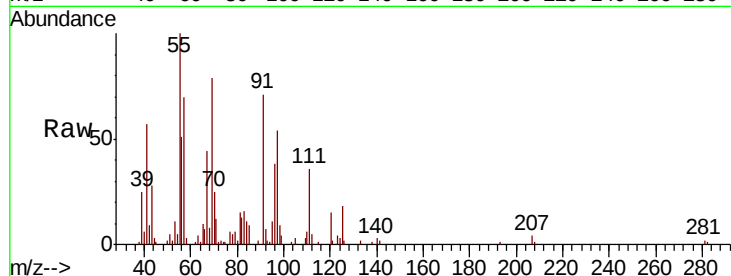
ClientSampleId :

Tot Ion: 91 Resp: 27508

Ion Ratio Lower Upper

91 100

120 20.8 11.3 33.9



#79

2-Chlorotoluene

Concen: 0.223 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN059333.D

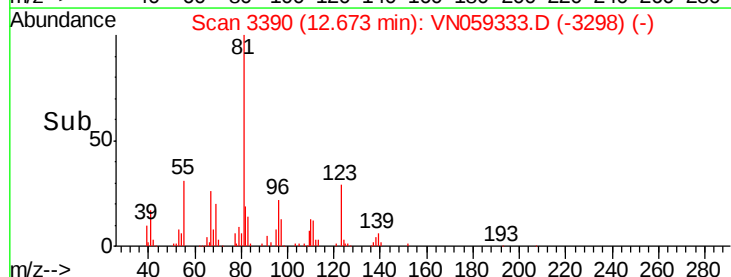
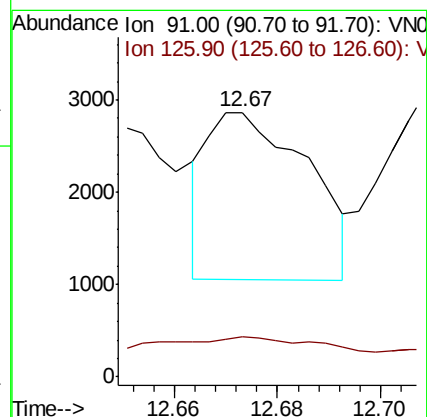
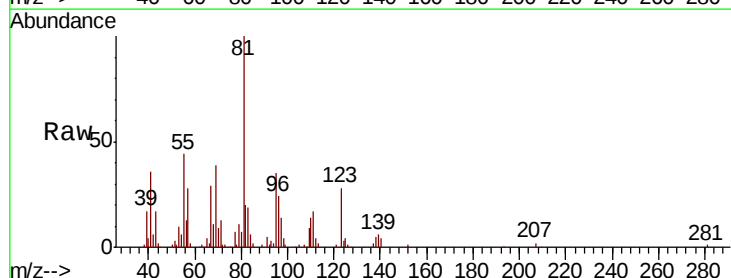
Acq: 21 Nov 2019 14:22

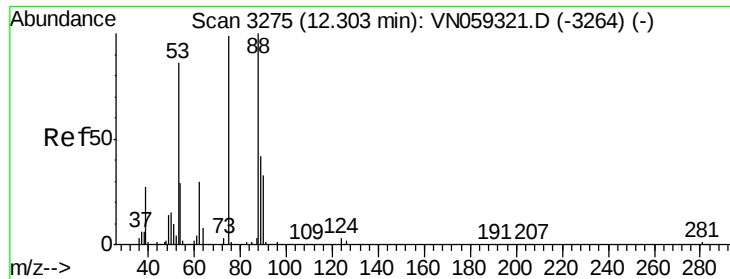
Tgt Ion: 91 Resp: 2441

Ion Ratio Lower Upper

91 100

126 0.0 16.7 50.1#

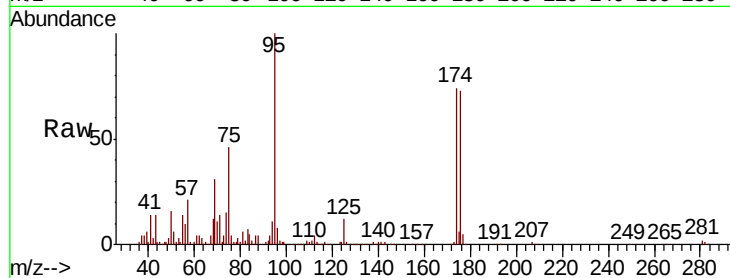




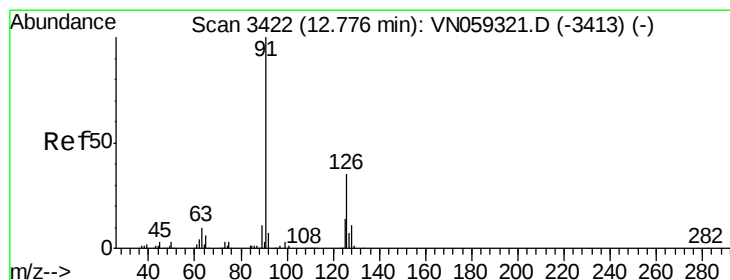
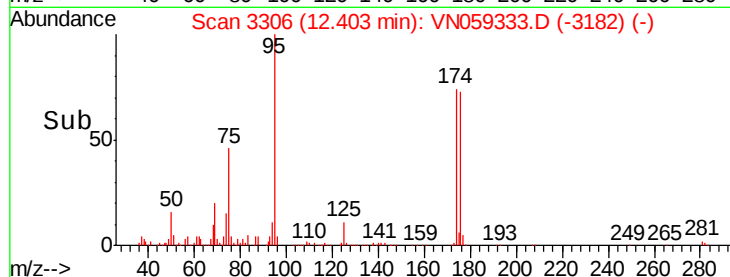
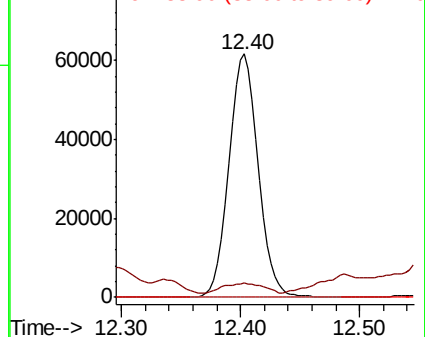
#81
trans-1,4-Dichloro-2-butene
Concen: 59.222 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN059333.D
Acq: 21 Nov 2019 14:22

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 75 Resp: 105120
Ion Ratio Lower Upper
75 100
53 5.3 70.7 106.1#
89 0.1 35.4 53.0#

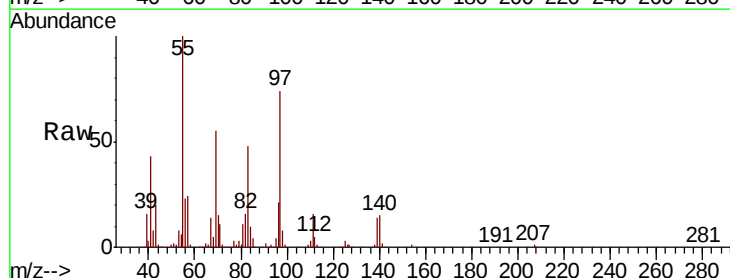


Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 53.00 (52.70 to 53.70): VN0
Ion 88.90 (88.60 to 89.60): VN0

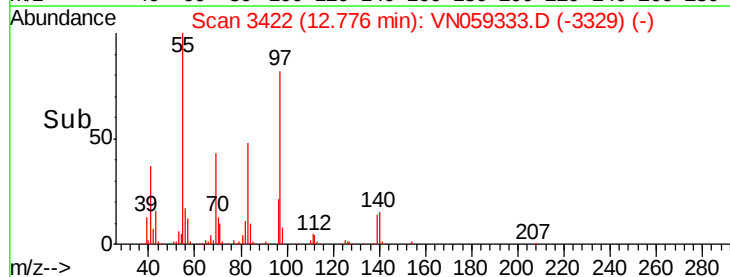
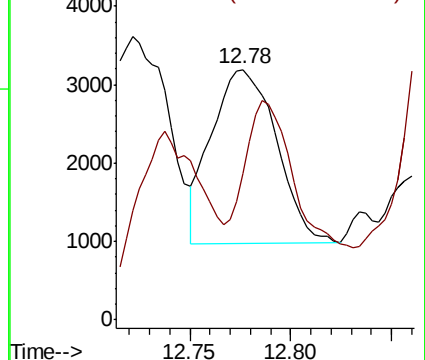


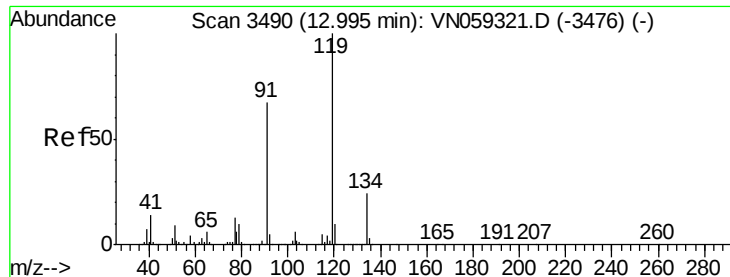
#82
4-Chlorotoluene
Concen: 0.438 ug/l
RT: 12.78 min Scan# 3422
Delta R.T. 0.00 min
Lab File: VN059333.D
Acq: 21 Nov 2019 14:22

Tgt Ion: 91 Resp: 4965
Ion Ratio Lower Upper
91 100
126 98.0 16.2 48.6#



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 125.90 (125.60 to 126.60): V

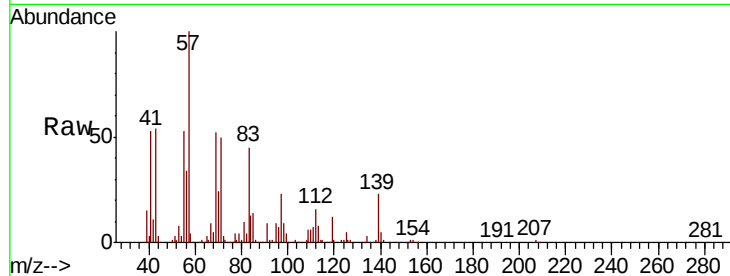




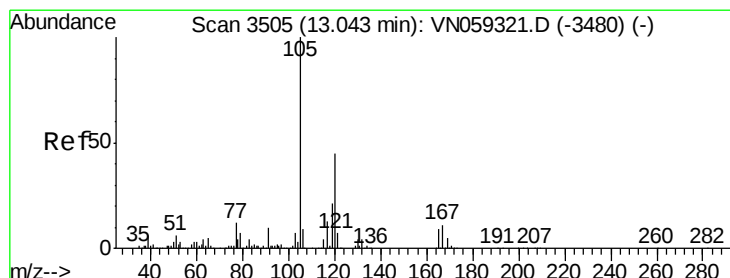
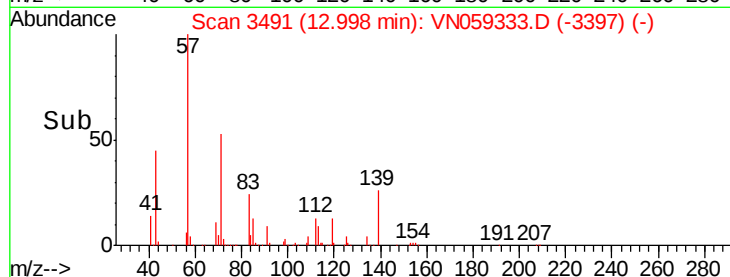
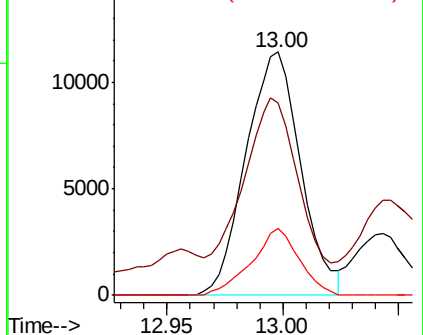
#83
tert-Butylbenzene
Concen: 1.676 ug/l
RT: 13.00 min Scan# 3491
Delta R.T. 0.00 min
Lab File: VN059333.D
Acq: 21 Nov 2019 14:22

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:119 Resp: 18731
Ion Ratio Lower Upper
119 100
91 63.3 32.8 98.4
134 23.9 13.0 38.9

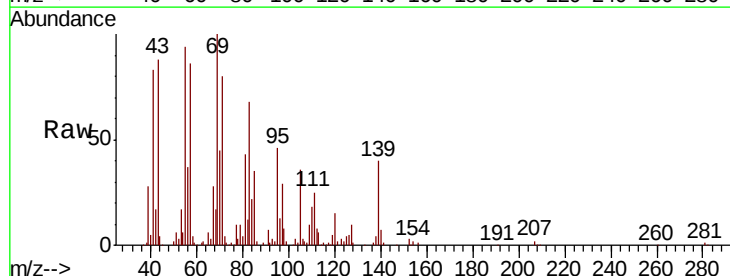


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

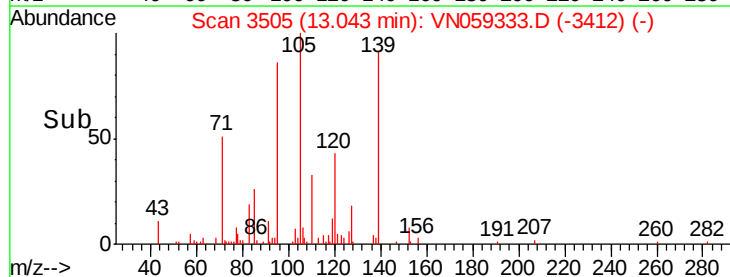
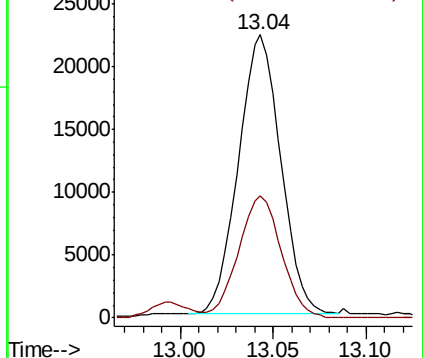


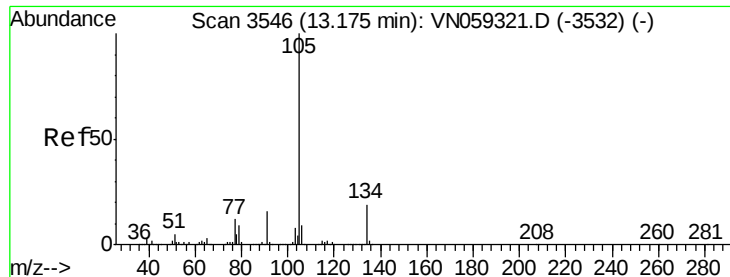
#84
1,2,4-Trimethylbenzene
Concen: 2.706 ug/l
RT: 13.04 min Scan# 3505
Delta R.T. 0.00 min
Lab File: VN059333.D
Acq: 21 Nov 2019 14:22

Tgt Ion:105 Resp: 35074
Ion Ratio Lower Upper
105 100
120 44.6 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 4.140 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN059333.D

Acq: 21 Nov 2019 14:22

Instrument :

MSVOA_N

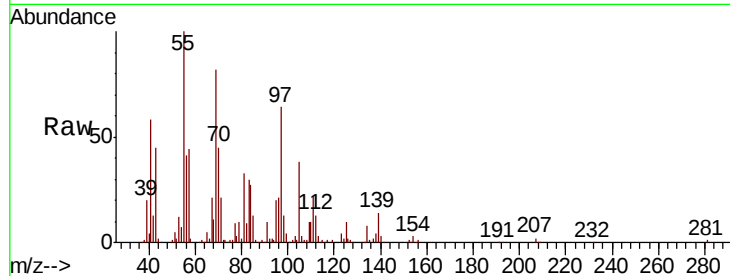
ClientSampled :

Tot Ion:105 Resp: 62194

Ion Ratio Lower Upper

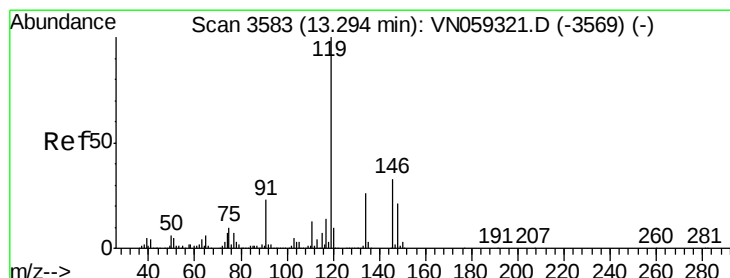
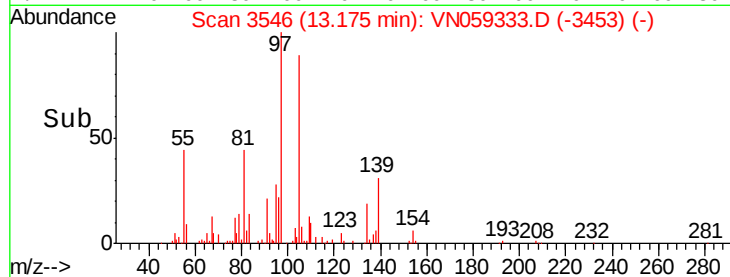
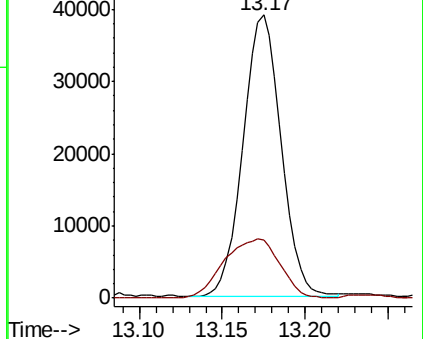
105 100

134 30.9 9.8 29.3#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 3.088 ug/l

RT: 13.44 min Scan# 3630

Delta R.T. 0.15 min

Lab File: VN059333.D

Acq: 21 Nov 2019 14:22

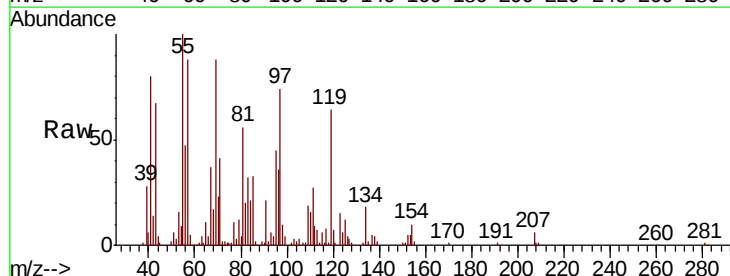
Tgt Ion:119 Resp: 41273

Ion Ratio Lower Upper

119 100

134 28.7 13.0 38.9

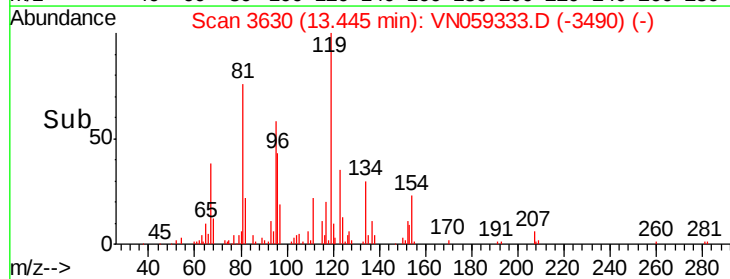
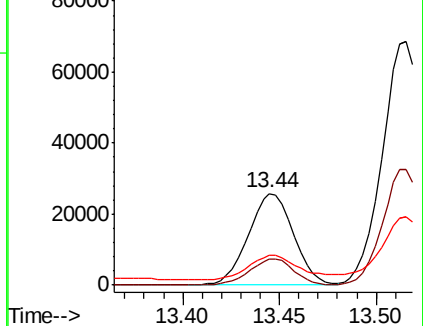
91 30.0 11.6 34.7

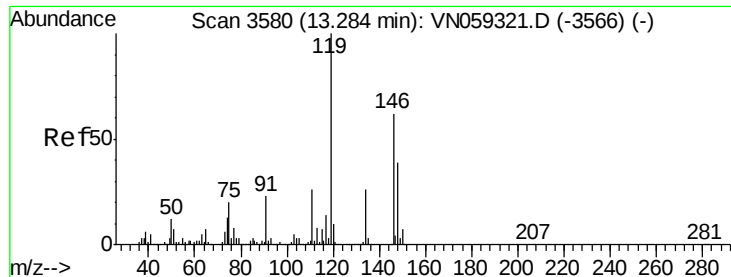


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 0.206 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN059333.D

Acq: 21 Nov 2019 14:22

Instrument :

MSVOA_N

ClientSampled :

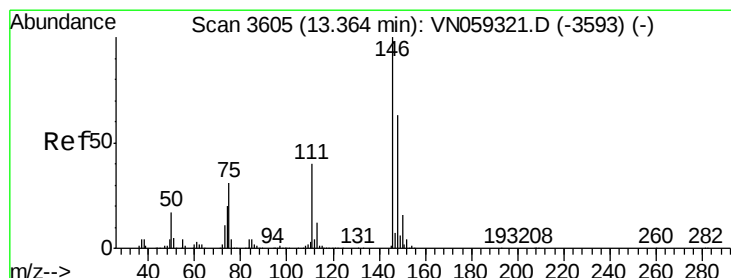
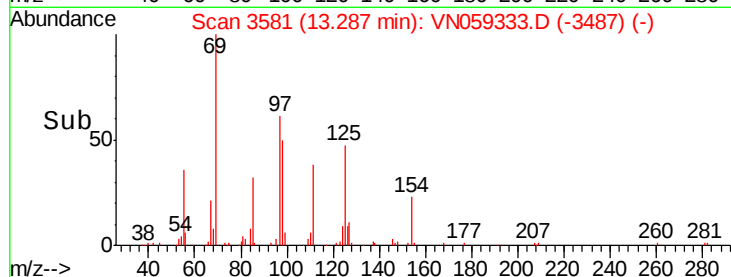
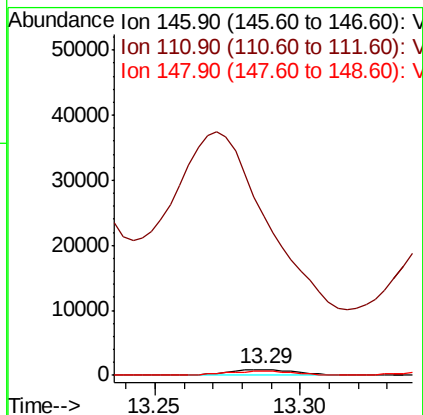
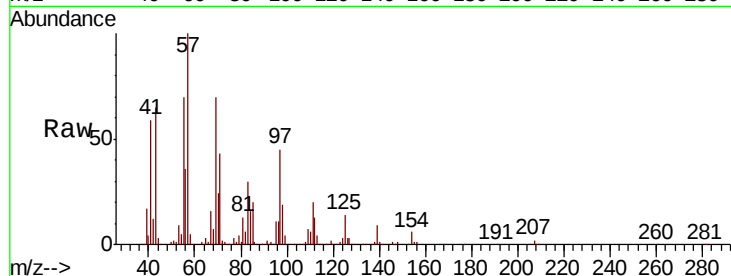
Tot Ion:146 Resp: 1401

Ion Ratio Lower Upper

146 100

111 4284.5 20.6 61.8#

148 74.1 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 0.284 ug/l

RT: 13.37 min Scan# 3606

Delta R.T. 0.00 min

Lab File: VN059333.D

Acq: 21 Nov 2019 14:22

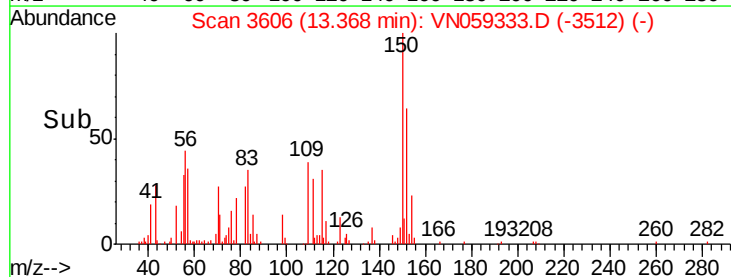
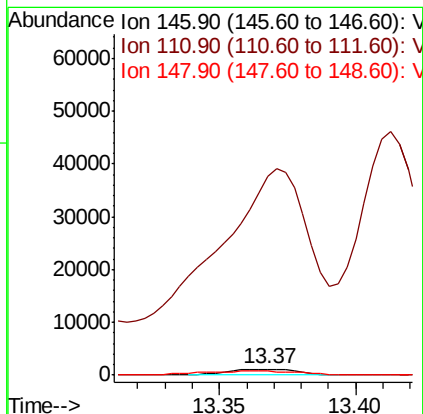
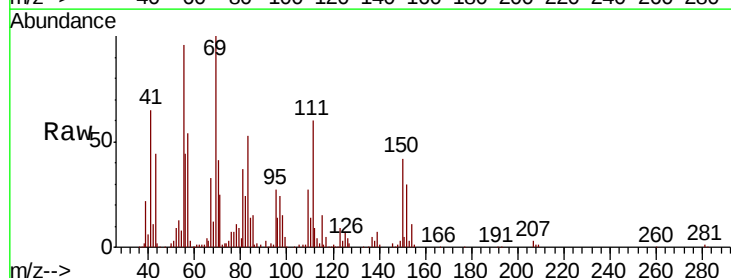
Tgt Ion:146 Resp: 1908

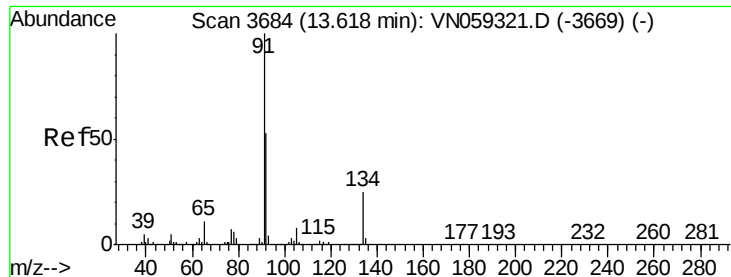
Ion Ratio Lower Upper

146 100

111 3233.2 20.1 60.3#

148 104.6 31.7 95.1#

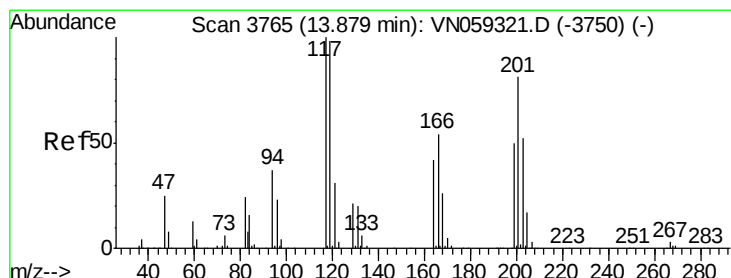
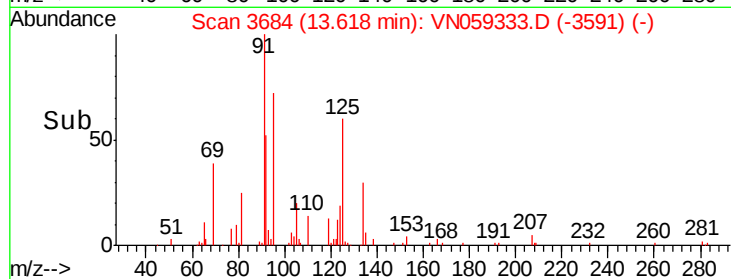
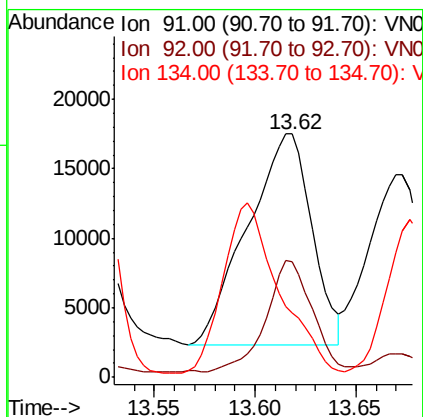
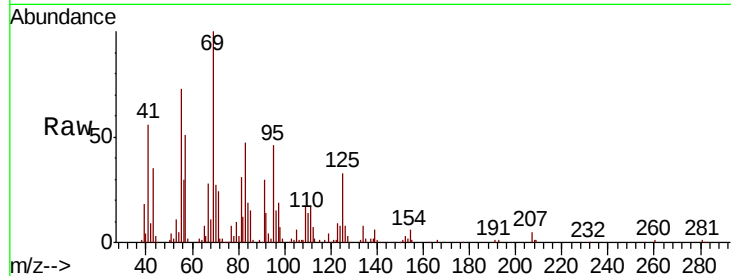




#89
n-Butylbenzene
Concen: 2.855 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. 0.00 min
Lab File: VN059333.D
Acq: 21 Nov 2019 14:22

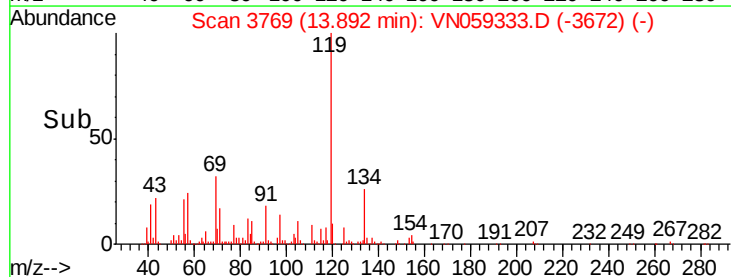
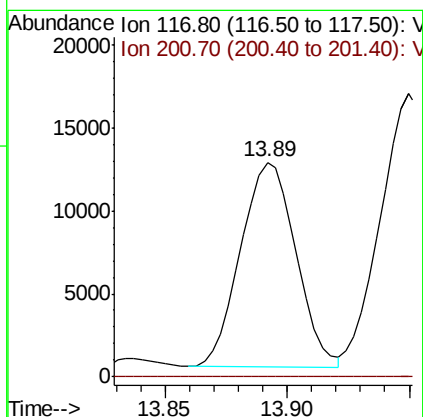
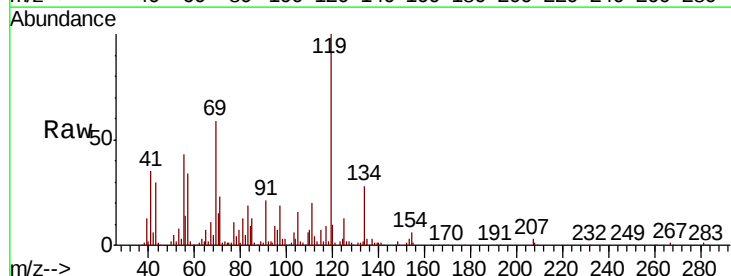
Instrument :
MSVOA_N
ClientSampled :

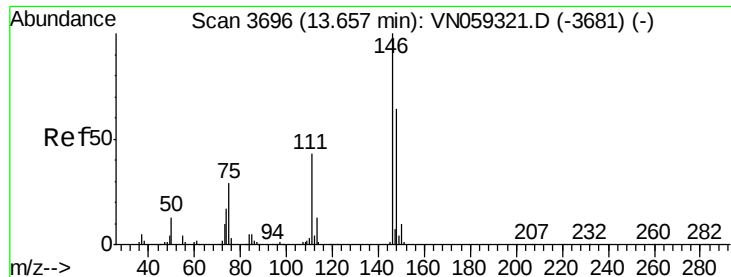
Tot Ion: 91 Resp: 33484
Ion Ratio Lower Upper
91 100
92 40.0 26.0 78.0
134 0.0 12.7 38.1#



#90
Hexachloroethane
Concen: 7.631 ug/l
RT: 13.89 min Scan# 3769
Delta R.T. 0.01 min
Lab File: VN059333.D
Acq: 21 Nov 2019 14:22

Tgt Ion: 117 Resp: 19318
Ion Ratio Lower Upper
117 100
201 0.0 40.4 121.2#





#91

1,2-Dichlorobenzene

Concen: 0.265 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. 0.00 min

Lab File: VN059333.D

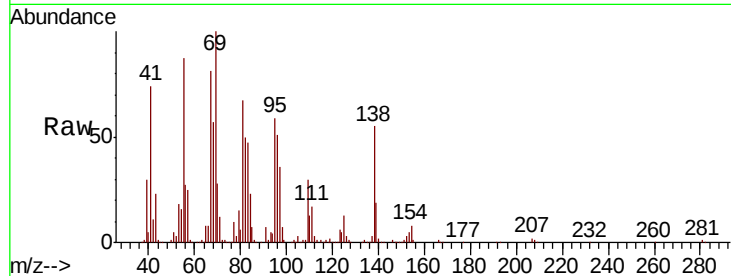
Acq: 21 Nov 2019 14:22

Instrument :

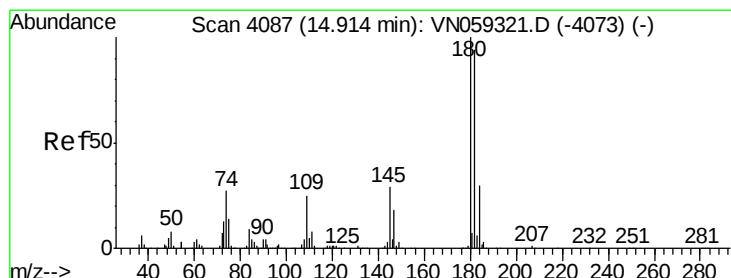
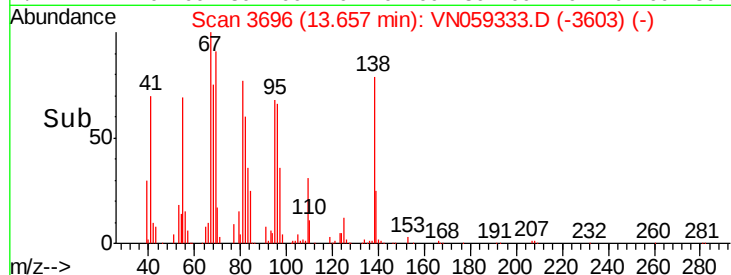
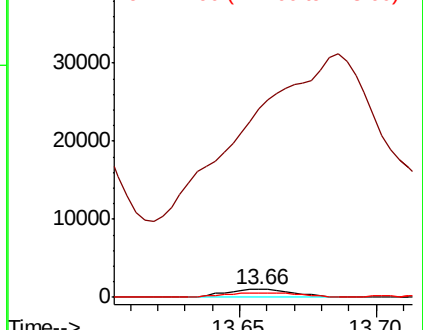
MSVOA_N

ClientSampleId :

Tot Ion:	146	Resp:	1744
Ion	Ratio	Lower	Upper
146	100		
111	0.0	21.3	64.0#
148	61.0	31.9	95.5



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



#93

1,2,4-Trichlorobenzene

Concen: 3.973 ug/l

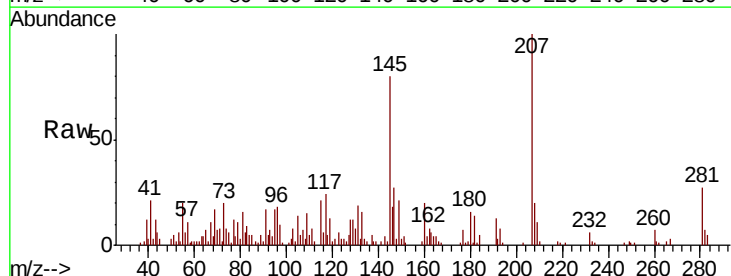
RT: 14.91 min Scan# 4087

Delta R.T. 0.00 min

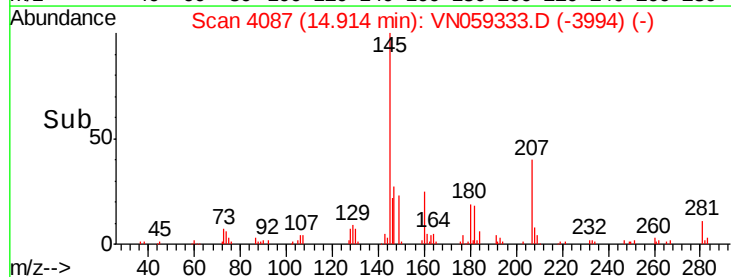
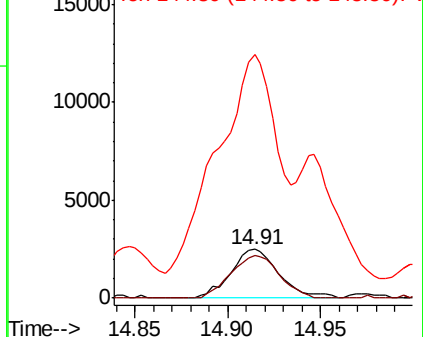
Lab File: VN059333.D

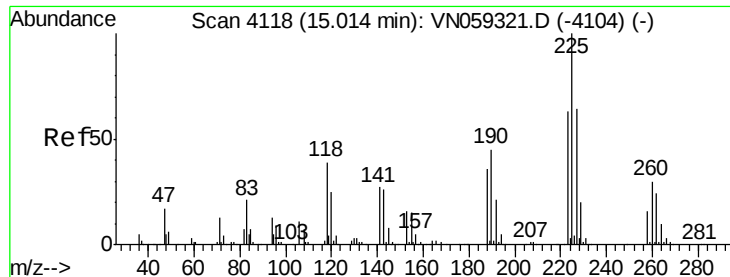
Acq: 21 Nov 2019 14:22

Tgt Ion:	180	Resp:	4496
Ion	Ratio	Lower	Upper
180	100		
182	87.7	47.2	141.6
145	657.3	14.9	44.5#



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

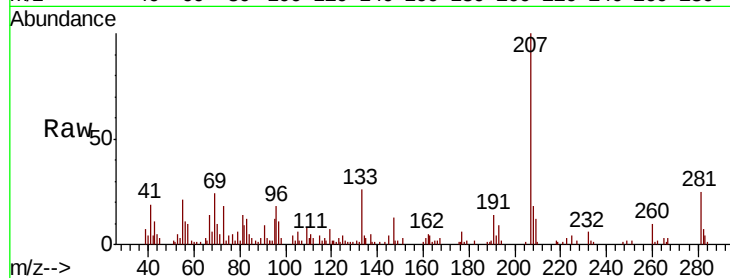




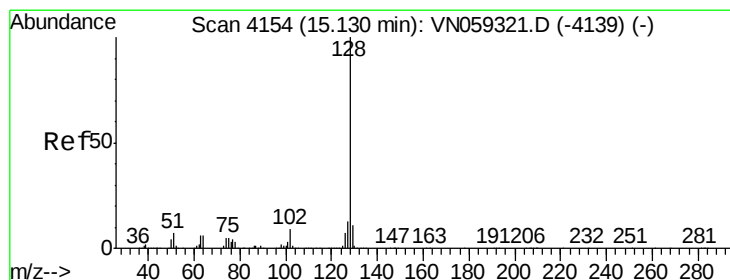
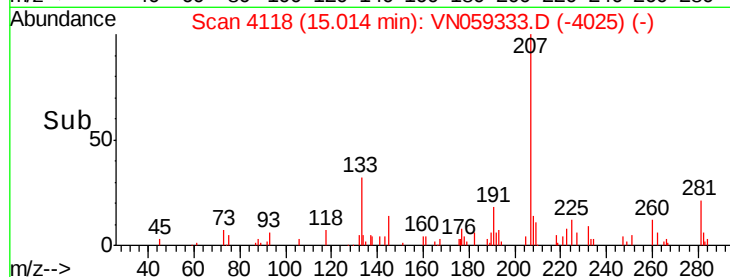
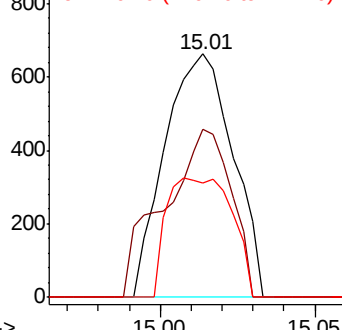
#94
Hexachlorobutadiene
Concen: 0.426 ug/l
RT: 15.01 min Scan# 4118
Delta R.T. 0.00 min
Lab File: VN059333.D
Acq: 21 Nov 2019 14:22

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:225 Resp: 1010
Ion Ratio Lower Upper
225 100
223 68.2 31.6 94.8
227 47.0 32.6 97.7

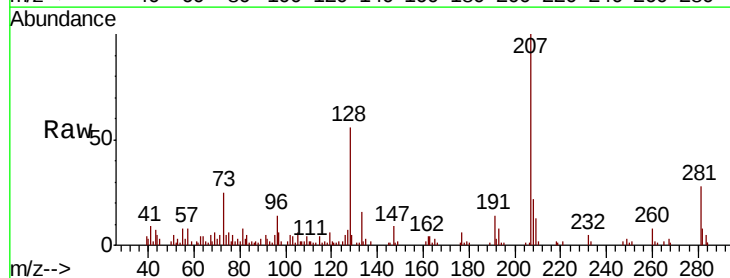


Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

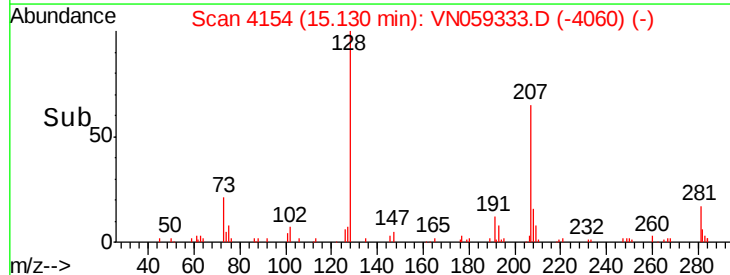
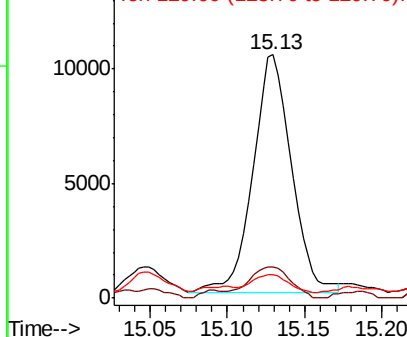


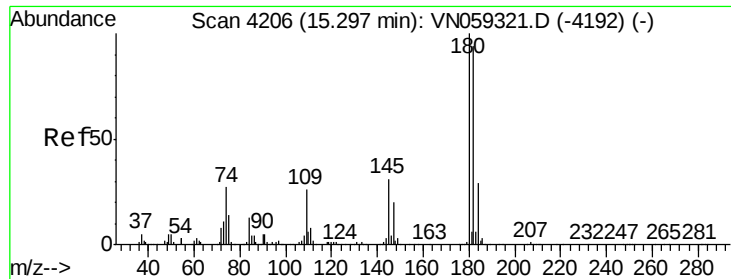
#95
Naphthalene
Concen: 4.656 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059333.D
Acq: 21 Nov 2019 14:22

Tgt Ion:128 Resp: 17995
Ion Ratio Lower Upper
128 100
127 14.1 10.2 15.2
129 6.7 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

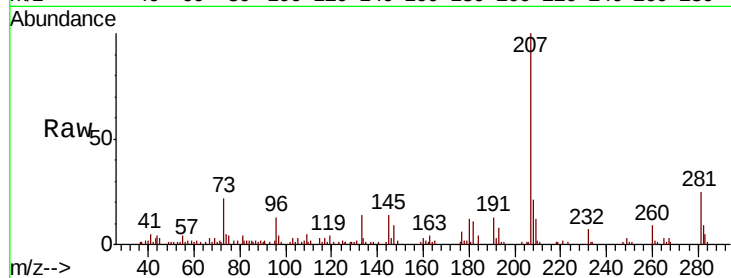




#96
 1,2,3-Trichlorobenzene
 Concen: 3.220 ug/l
 RT: 15.30 min Scan# 4206
 Delta R.T. 0.00 min
 Lab File: VN059333.D
 Acq: 21 Nov 2019 14:22

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	82.8	47.1	141.4
145	0.0	15.6	46.8#



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

