

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022020\
 Data File : VN060169.D
 Acq On : 20 Feb 2020 13:52
 Operator : JC/MD
 Sample : L1601-04MEDL 10X
 Misc : 5.08g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 21 02:24:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	219504	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	344975	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	325023	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	165497	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	128017	47.93	ug/l	0.00
Spiked Amount						
			Recovery	=	95.86%	
35) Dibromofluoromethane	7.56	113	100507	47.40	ug/l	0.00
Spiked Amount						
			Recovery	=	94.80%	
50) Toluene-d8	10.08	98	418824	50.15	ug/l	0.00
Spiked Amount						
			Recovery	=	100.30%	
62) 4-Bromofluorobenzene	12.40	95	161785	52.72	ug/l	0.00
Spiked Amount						
			Recovery	=	105.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.55	56	963	2.437	ug/l #	1
14) Allyl chloride	4.37	41	1992	0.652	ug/l #	16
15) Acrylonitrile	5.02	53	2721	2.788	ug/l #	39
16) Acetone	3.77	43	8261	7.091	ug/l #	54
18) Methyl Acetate	4.37	43	1882	0.860	ug/l #	50
20) Methylene Chloride	4.64	84	2013	0.866	ug/l #	8
25) 2-Butanone	6.79	43	1578	1.077	ug/l #	46
30) Chloroform	7.29	83	3797	0.894	ug/l #	18
31) Cyclohexane	7.62	56	38565	10.209	ug/l #	59
36) 1,1-Dichloropropene	7.64	75	15913	4.980	ug/l #	49
37) Ethyl Acetate	6.79	43	1578	0.546	ug/l #	68
38) Carbon Tetrachloride	7.64	117	20605	5.938	ug/l #	15
39) Methylcyclohexane	9.06	83	29447	7.424	ug/l #	81
40) Benzene	8.01	78	3981	0.420	ug/l	93
41) Methacrylonitrile	7.18	41	448	0.370	ug/l #	100
43) Isopropyl Acetate	8.13	43	8540	1.730	ug/l #	54
47) Bromodichloromethane	9.37	83	2187	0.649	ug/l #	26
48) Methyl methacrylate	9.20	41	8153	3.681	ug/l #	29
51) 4-Methyl-2-Pentanone	10.01	43	14935	5.227	ug/l #	77
52) Toluene	10.14	92	323911	53.291	ug/l	98
53) t-1,3-Dichloropropene	10.14	75	3775	0.992	ug/l #	1
55) 1,1,2-Trichloroethane	10.52	97	7937	3.347	ug/l #	23
56) Ethyl methacrylate	10.46	69	1027	0.306	ug/l #	24
58) 2-Chloroethyl Vinyl ether	9.65	63	519	0.332	ug/l #	46
59) 2-Hexanone	10.71	43	6744	3.055	ug/l #	25
67) Ethyl Benzene	11.50	91	761783	63.785	ug/l	99
68) m/p-Xylenes	11.61	106	1107694	247.121	ug/l	98
69) o-Xylene	11.94	106	397159	92.024	ug/l	100
70) Styrene	11.94	104	20346	2.923	ug/l #	1
73) Isopropylbenzene	12.24	105	80056	6.478	ug/l	100
74) N-amyl acetate	12.04	43	3680	0.826	ug/l #	56
76) 1,2,3-Trichloropropane	12.65	75	7484	2.364	ug/l #	100
77) Bromobenzene	12.52	156	35219	11.483	ug/l #	1
78) n-propylbenzene	12.59	91	312584	22.200	ug/l	100

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

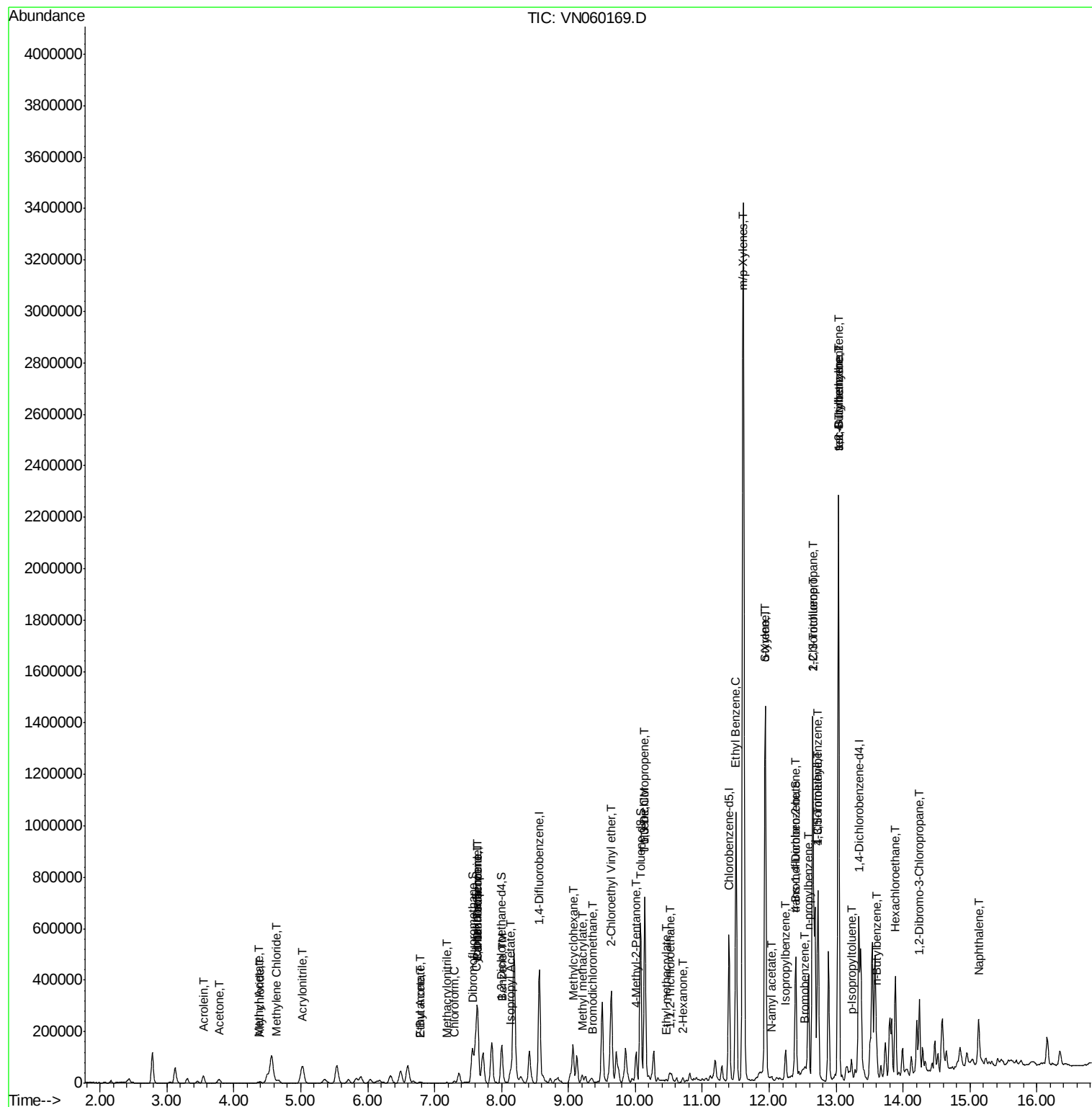
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) 2-Chlorotoluene	12.65	91	109449	13.225	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.73	105	380163	36.997	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	81564	63.073	ug/l #	13
82) 4-Chlorotoluene	12.73	91	40590	4.780	ug/l #	41
83) tert-Butylbenzene	13.04	119	160122	17.615	ug/l #	70
84) 1,2,4-Trimethylbenzene	13.03	105	1295929	127.763	ug/l	99
85) sec-Butylbenzene	13.03	105	1295929	107.651	ug/l #	57
86) p-Isopropyltoluene	13.23	119	38980	3.574	ug/l	97
89) n-Butylbenzene	13.61	91	43819	4.568	ug/l #	69
90) Hexachloroethane	13.88	117	20294	9.960	ug/l #	8
92) 1,2-Dibromo-3-Chloropropan	14.24	75	1317	0.985	ug/l #	1
95) Naphthalene	15.13	128	142548	16.904	ug/l	99

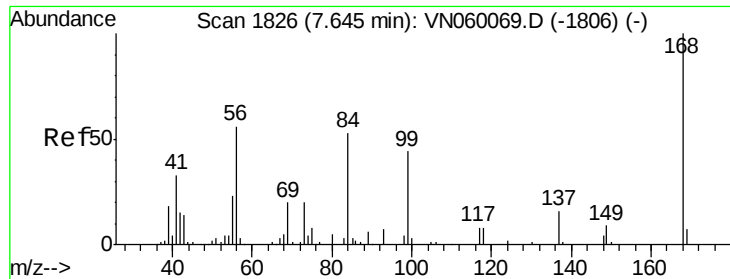
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN060169.D

Acq: 20 Feb 2020 13:52

Instrument :

MSVOA_N

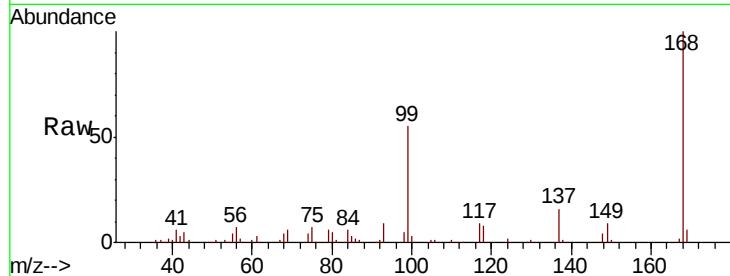
ClientSampled :

Tot Ion:168 Resp: 219504

Ion Ratio Lower Upper

168 100

99 54.7 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

100000

80000

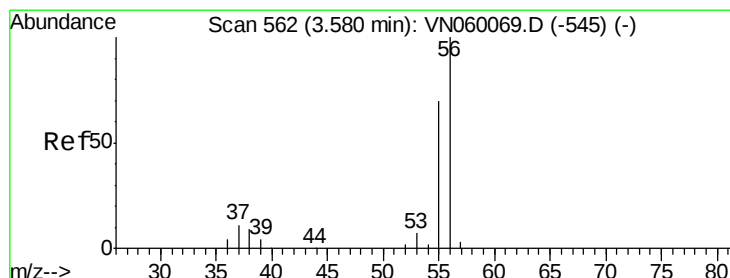
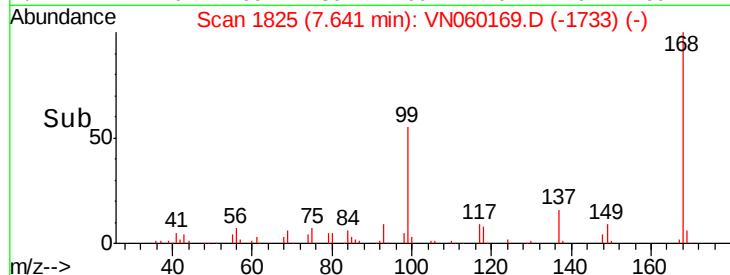
60000

40000

20000

0

Time--> 7.50 7.60 7.70 7.80



#13

Acrolein

Concen: 2.437 ug/l

RT: 3.55 min Scan# 552

Delta R.T. -0.03 min

Lab File: VN060169.D

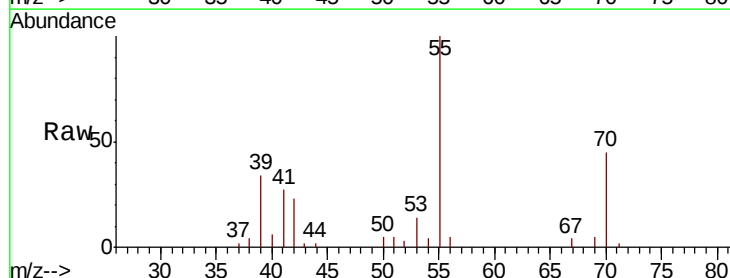
Acq: 20 Feb 2020 13:52

Tgt Ion: 56 Resp: 963

Ion Ratio Lower Upper

56 100

55 2449.0 54.8 82.2#



Abundance Ion 56.00 (55.70 to 56.70): VN

Ion 55.00 (54.70 to 55.70): VN

10000

8000

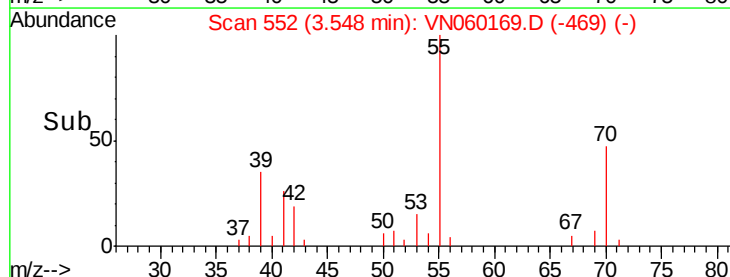
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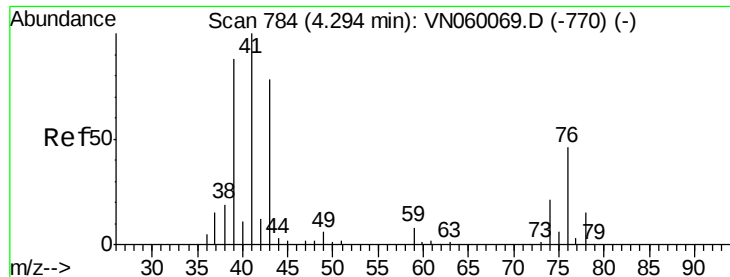
4000

2000

0

Time--> 3.50 3.55 3.60

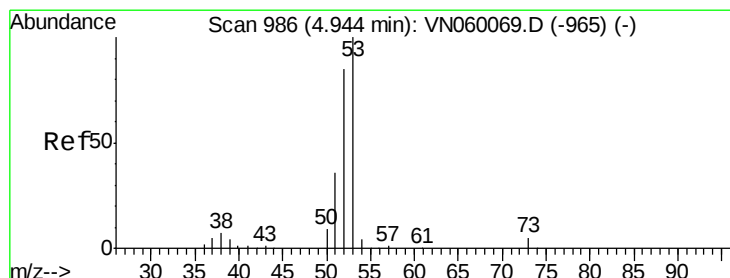
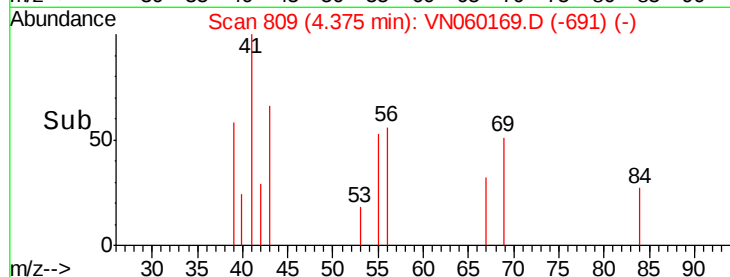
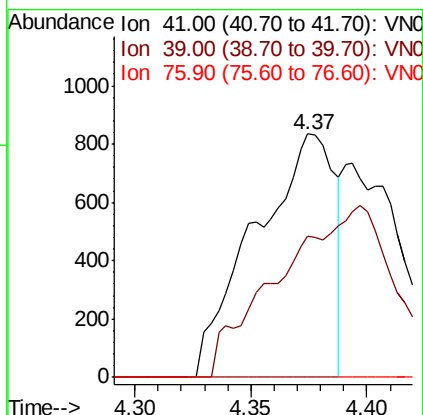
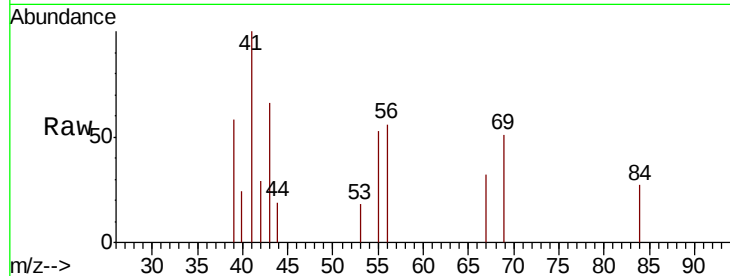




#14
Allvl chloride
Concen: 0.652 ug/l
RT: 4.37 min Scan# 809
Delta R.T. 0.08 min
Lab File: VN060169.D
Acq: 20 Feb 2020 13:52

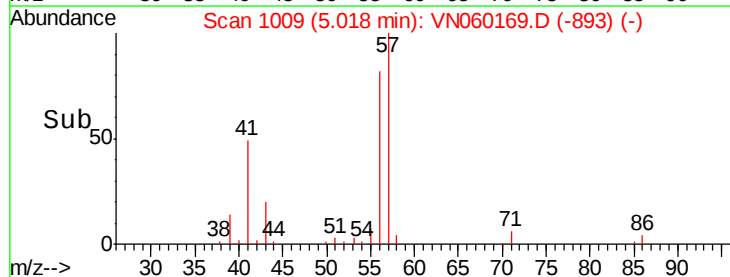
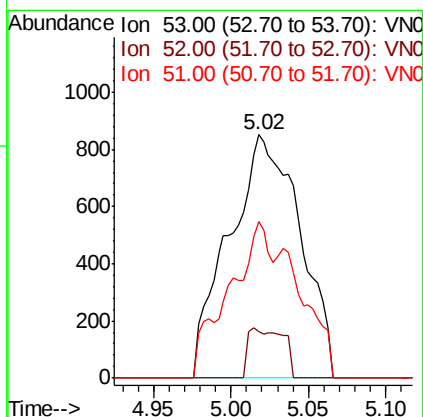
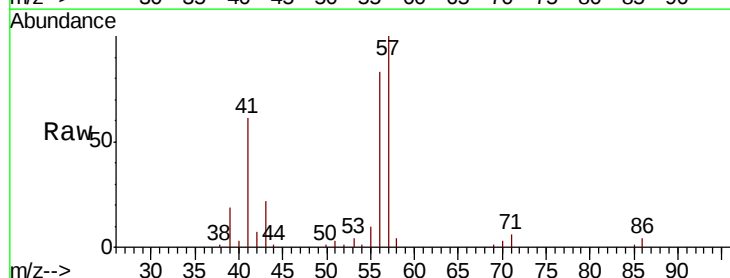
Instrument :
MSVOA_N
ClientSampled :

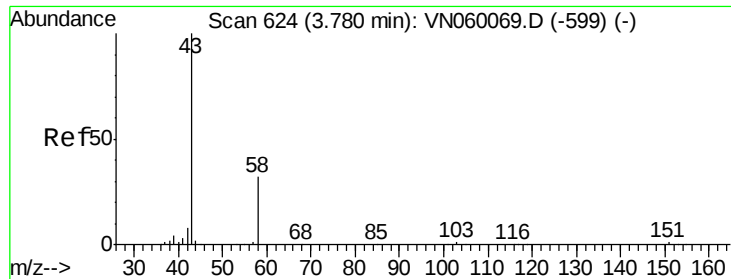
Tot Ion: 41 Resp: 1992
Ion Ratio Lower Upper
41 100
39 0.0 67.8 101.8#
76 0.0 33.9 50.9#



#15
Acrylonitrile
Concen: 2.788 ug/l
RT: 5.02 min Scan# 1009
Delta R.T. 0.07 min
Lab File: VN060169.D
Acq: 20 Feb 2020 13:52

Tgt Ion: 53 Resp: 2721
Ion Ratio Lower Upper
53 100
52 4.6 66.8 100.2#
51 38.2 29.4 44.0





#16

Acetone

Concen: 7.091 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.01 min

Lab File: VN060169.D

Acq: 20 Feb 2020 13:52

Instrument :

MSVOA_N

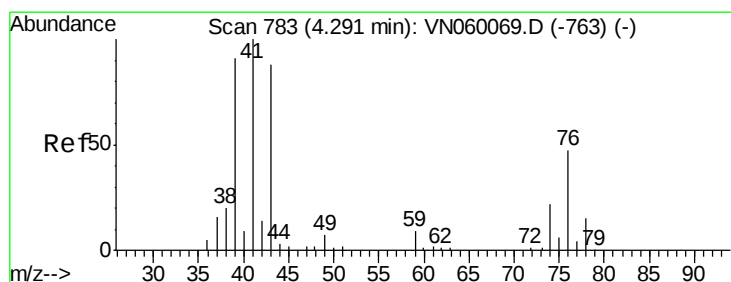
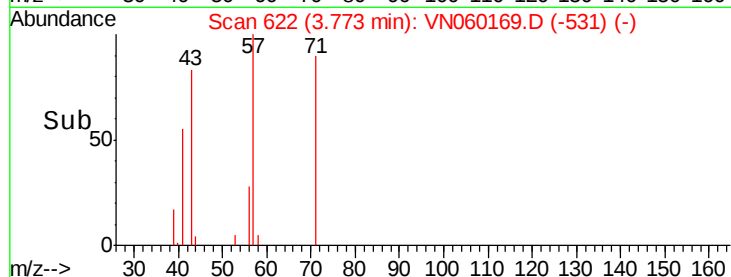
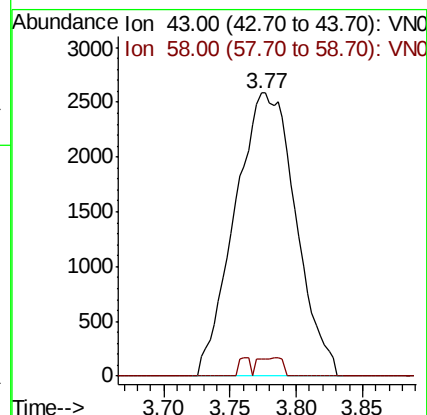
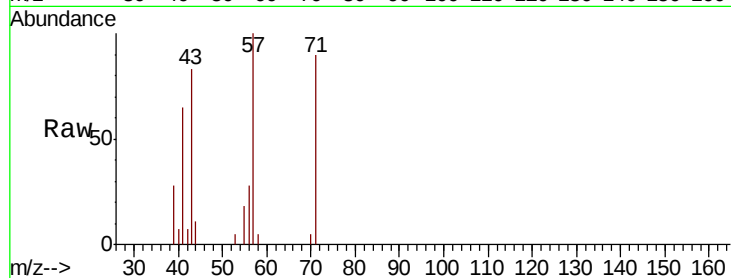
ClientSampleId :

Tot Ion: 43 Resp: 8261

Ion Ratio Lower Upper

43 100

58 6.1 25.2 37.8#



#18

Methyl Acetate

Concen: 0.860 ug/l

RT: 4.37 min Scan# 807

Delta R.T. 0.08 min

Lab File: VN060169.D

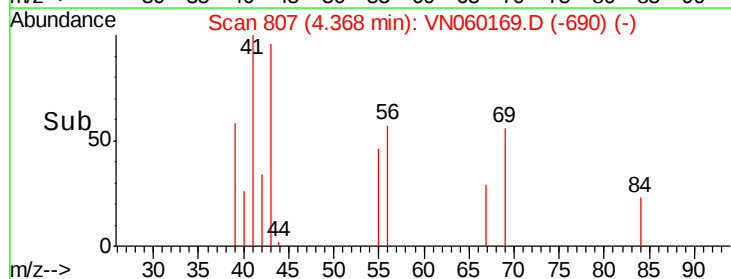
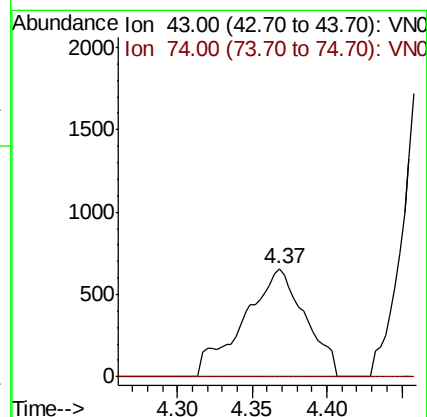
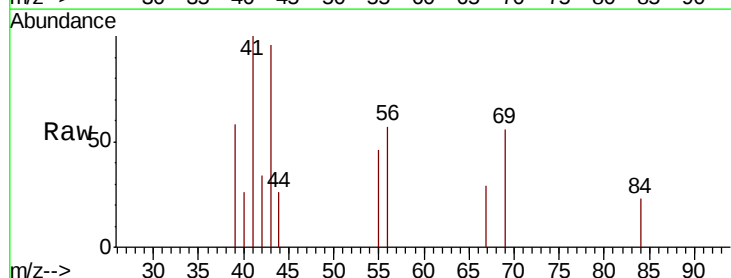
Acq: 20 Feb 2020 13:52

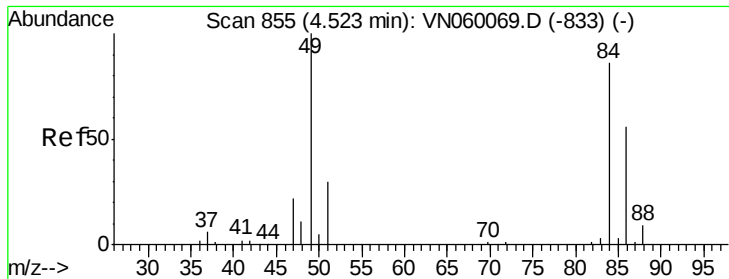
Tgt Ion: 43 Resp: 1882

Ion Ratio Lower Upper

43 100

74 0.0 20.3 30.5#

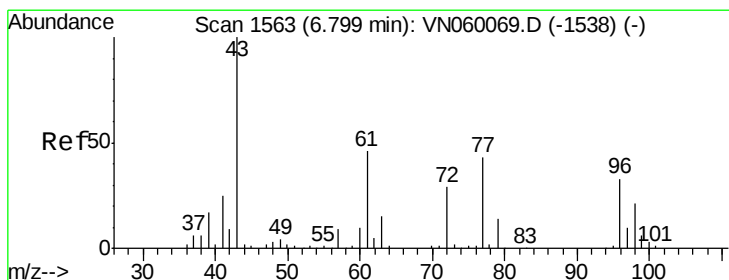
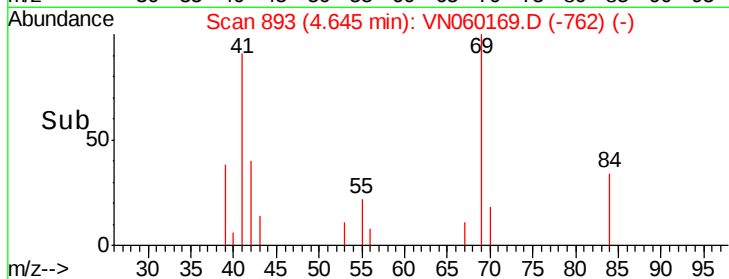
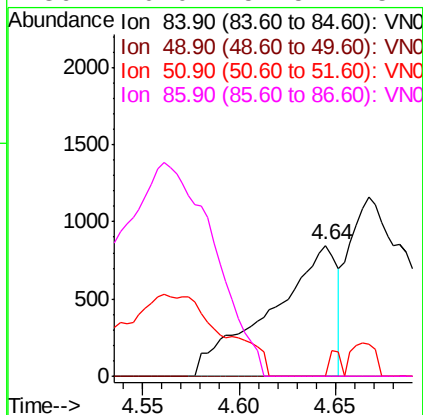
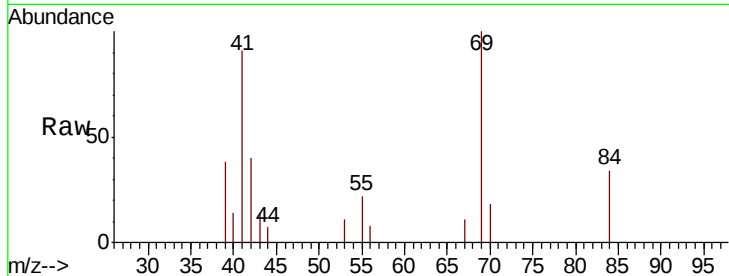




#20
Methvlene Chloride
Concen: 0.866 ug/l
RT: 4.64 min Scan# 893
Delta R.T. 0.12 min
Lab File: VN060169.D
Acq: 20 Feb 2020 13:52

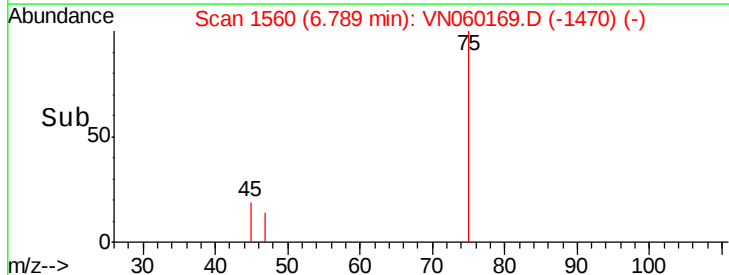
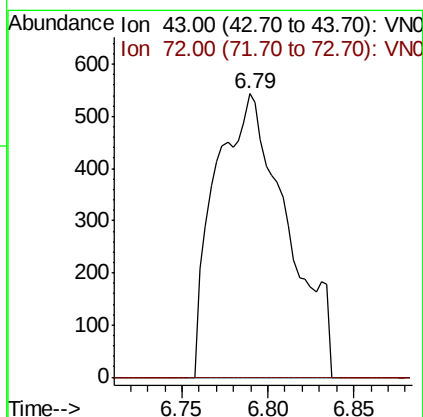
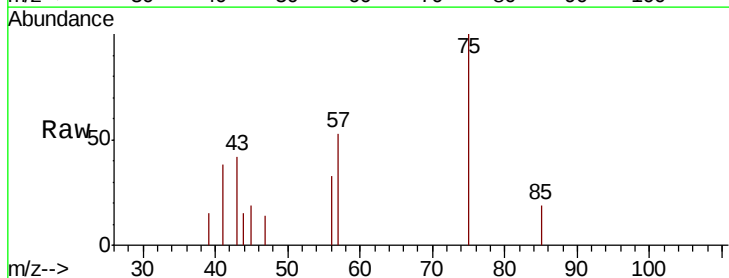
Instrument :
MSVOA_N
ClientSampled :

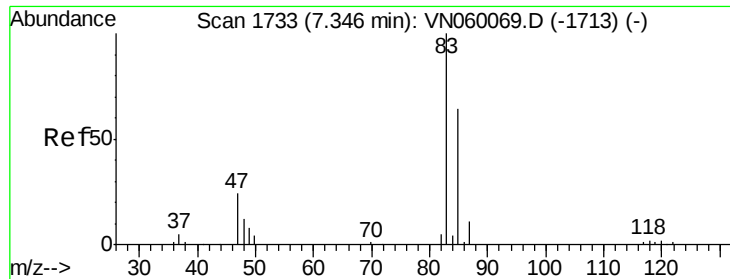
Tot Ion: 84 Resp: 2013
Ion Ratio Lower Upper
84 100
49 0.0 93.4 140.0#
51 0.0 28.4 42.6#
86 0.0 52.5 78.7#



#25
2-Butanone
Concen: 1.077 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. -0.01 min
Lab File: VN060169.D
Acq: 20 Feb 2020 13:52

Tgt Ion: 43 Resp: 1578
Ion Ratio Lower Upper
43 100
72 0.0 23.3 34.9#

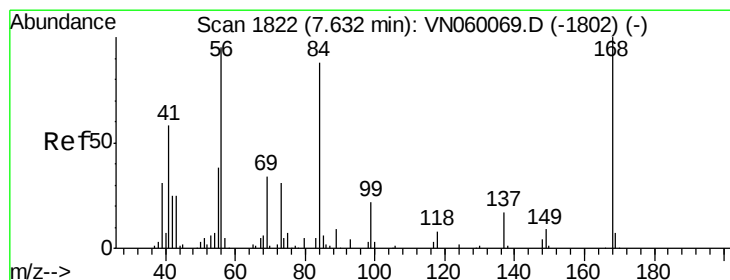
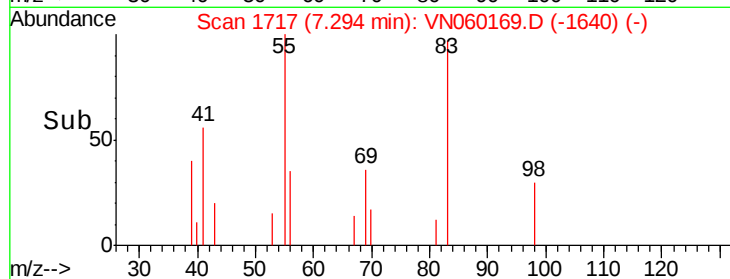
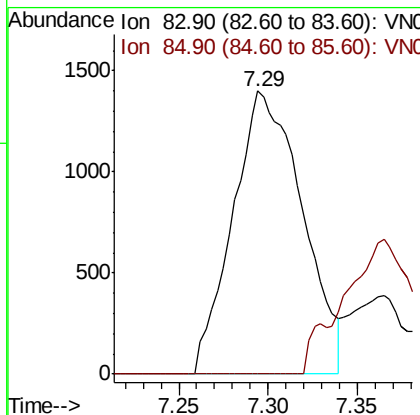
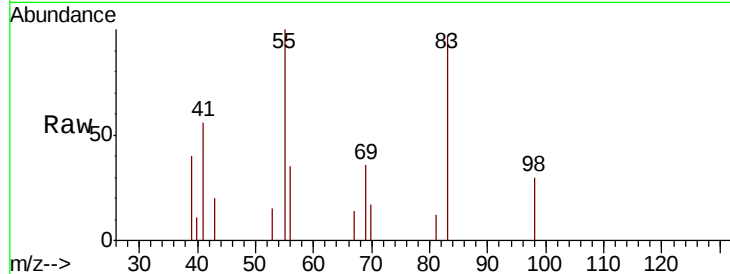




#30
Chloroform
Concen: 0.894 ug/l
RT: 7.29 min Scan# 1717
Delta R.T. -0.05 min
Lab File: VN060169.D
Acq: 20 Feb 2020 13:52

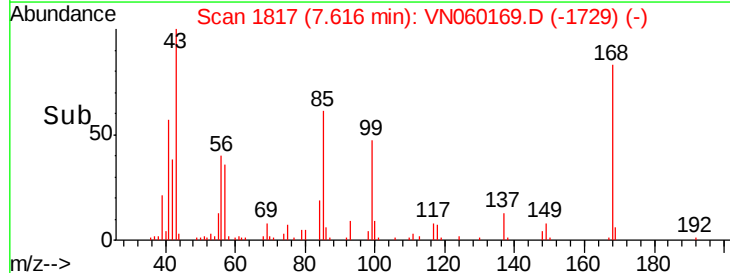
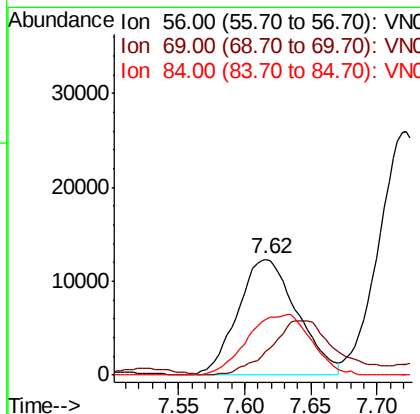
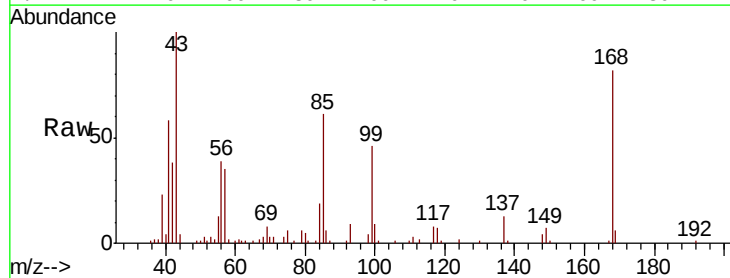
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MSVOA_N
ClientSampled :

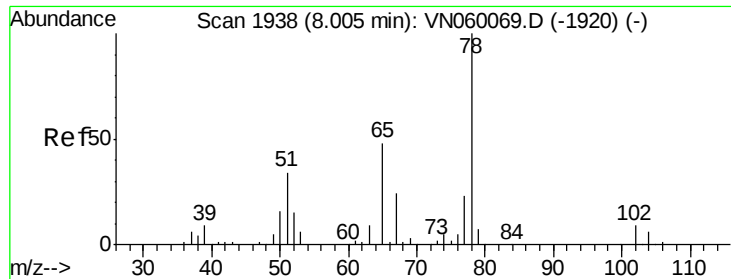
Tot Ion: 83 Resp: 3797
Ion Ratio Lower Upper
83 100
85 0.0 51.4 77.0#



#31
Cyclohexane
Concen: 10.209 ug/l
RT: 7.62 min Scan# 1817
Delta R.T. -0.02 min
Lab File: VN060169.D
Acq: 20 Feb 2020 13:52

Tgt Ion: 56 Resp: 38565
Ion Ratio Lower Upper
56 100
69 17.9 28.3 42.5#
84 48.3 72.6 108.8#

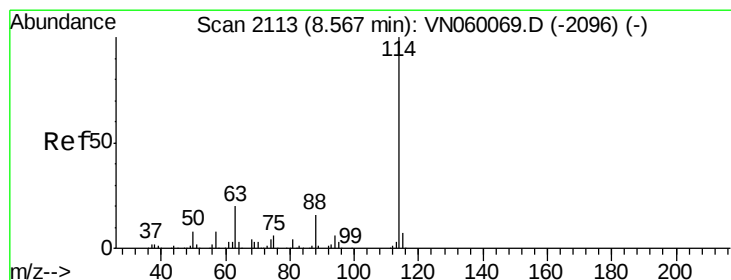
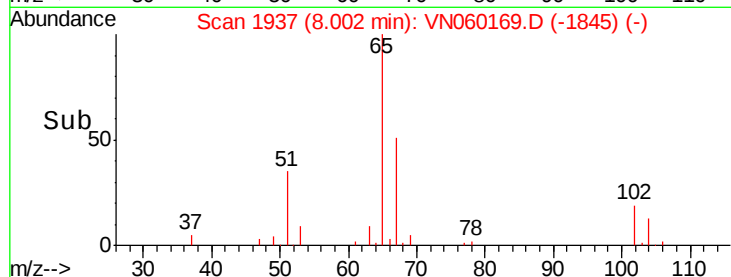
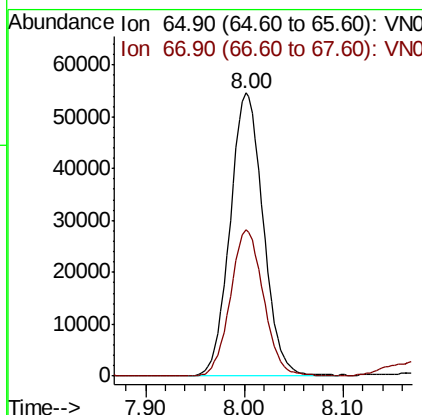
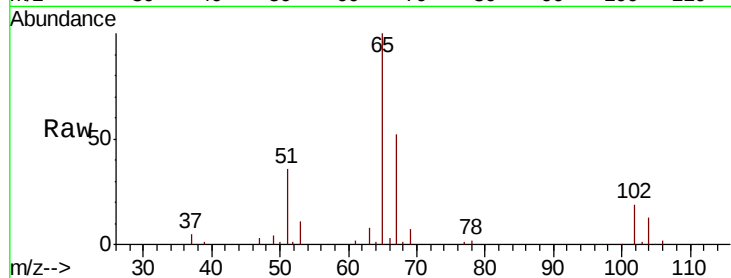




#33
 1,2-Dichloroethane-d4
 Concen: 47.929 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060169.D
 Acq: 20 Feb 2020 13:52

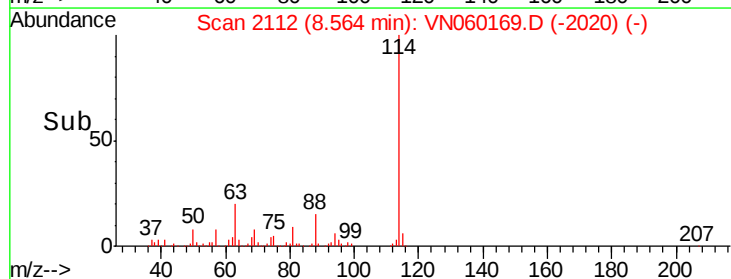
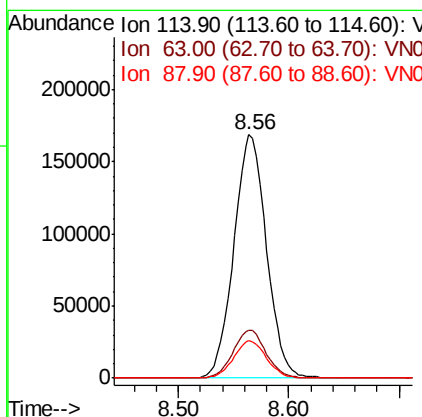
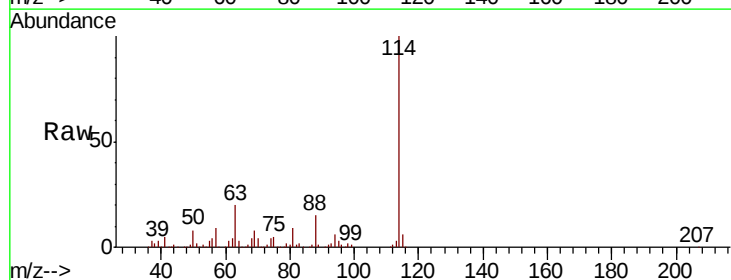
Instrument :
 MSVOA_N
 ClientSampleId :

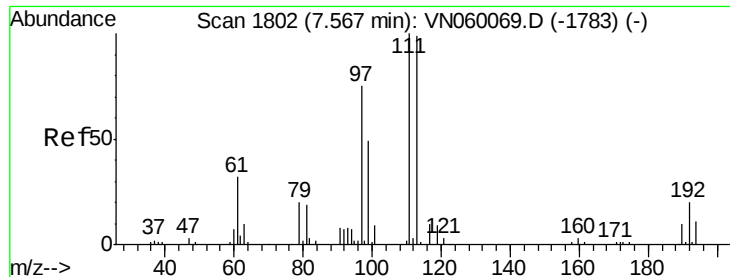
Tot Ion: 65 Resp: 128017
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060169.D
 Acq: 20 Feb 2020 13:52

Tgt Ion: 114 Resp: 344975
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.0
 88 15.3 0.0 31.6

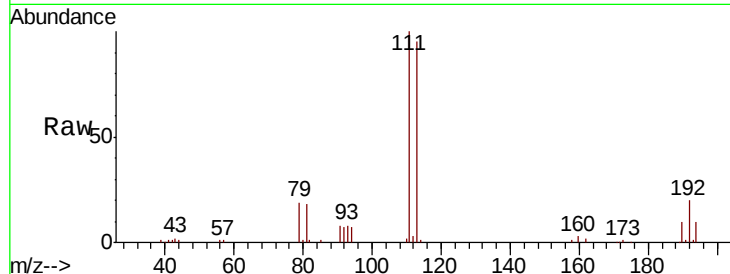




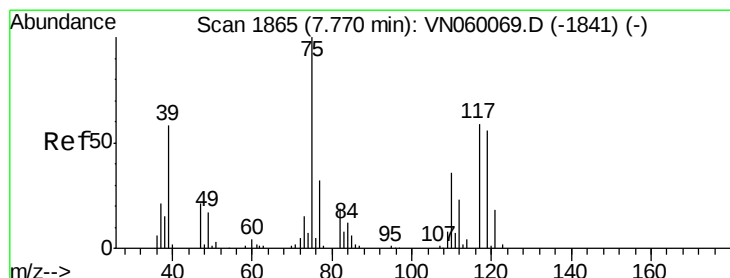
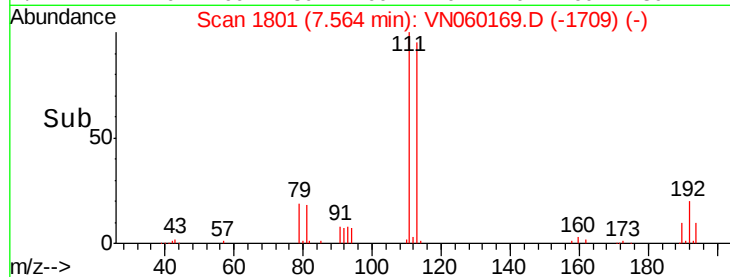
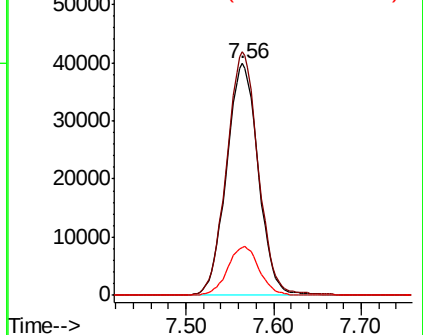
#35
 Dibromofluoromethane
 Concen: 47.396 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060169.D
 Acq: 20 Feb 2020 13:52

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.4	122.2
192	20.8	16.2	24.2

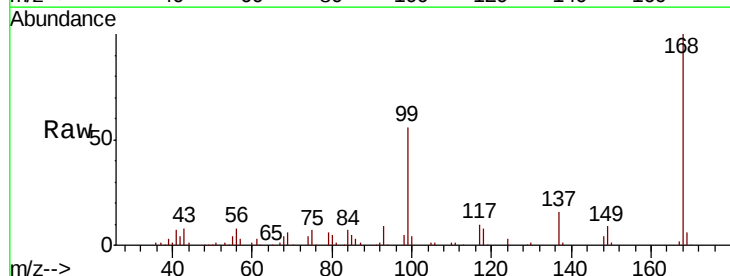


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

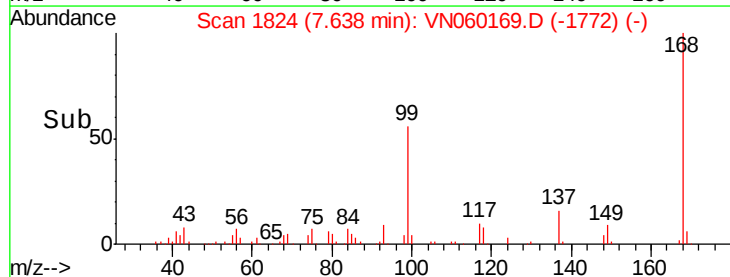
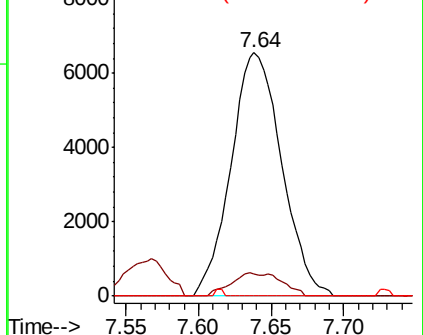


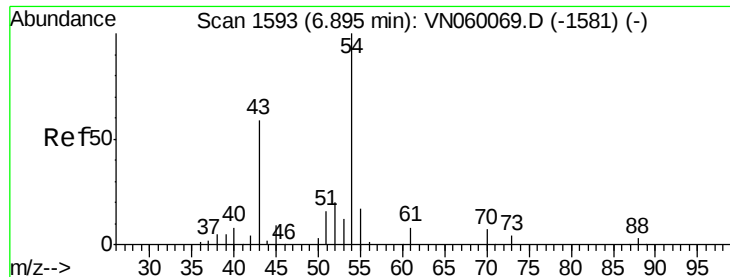
#36
 1,1-Dichloropropene
 Concen: 4.980 ug/l
 RT: 7.64 min Scan# 1824
 Delta R.T. -0.13 min
 Lab File: VN060169.D
 Acq: 20 Feb 2020 13:52

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.6	18.1	54.3#
77	0.0	25.1	37.7#



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

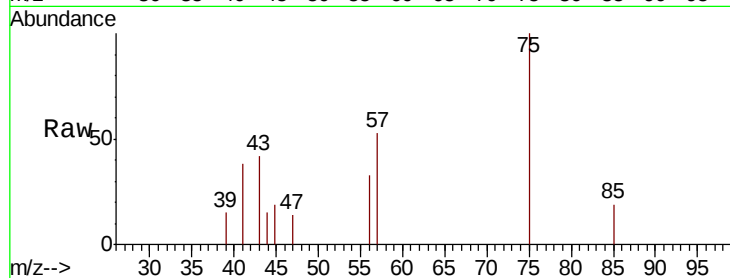




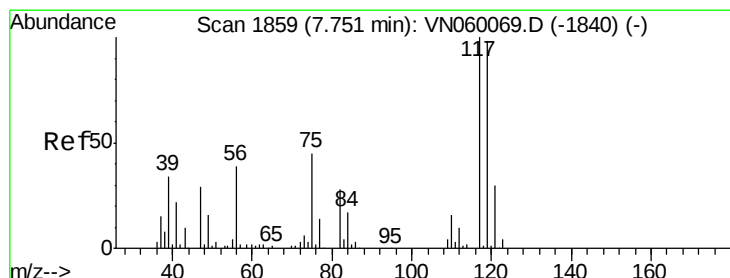
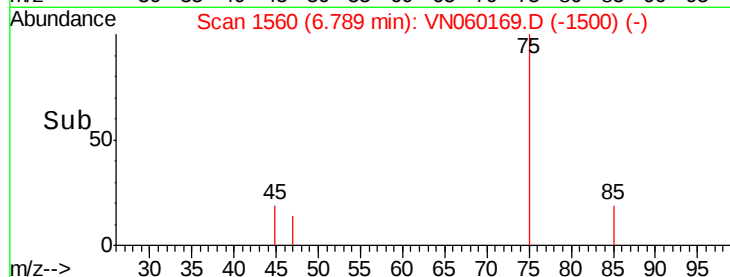
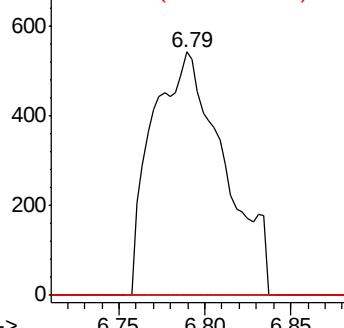
#37
Ethyl Acetate
Concen: 0.546 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. -0.11 min
Lab File: VN060169.D
Acq: 20 Feb 2020 13:52

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 1578
Ion Ratio Lower Upper
43 100
61 0.0 11.4 17.2#
70 0.0 8.7 13.1#

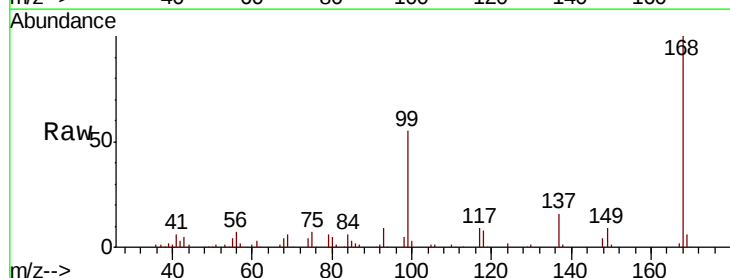


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

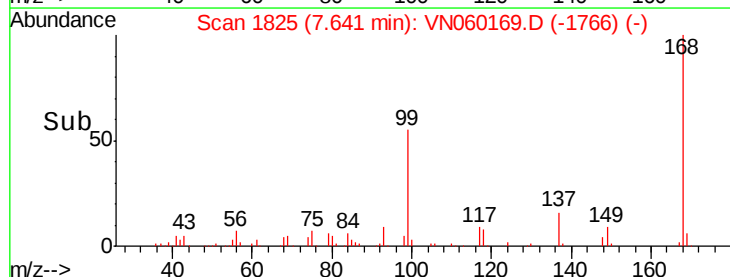
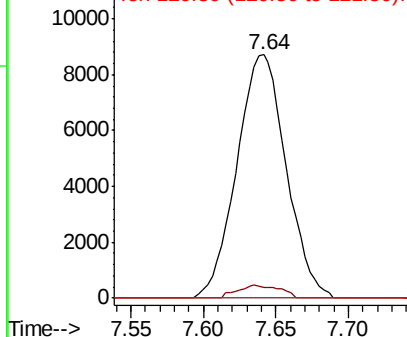


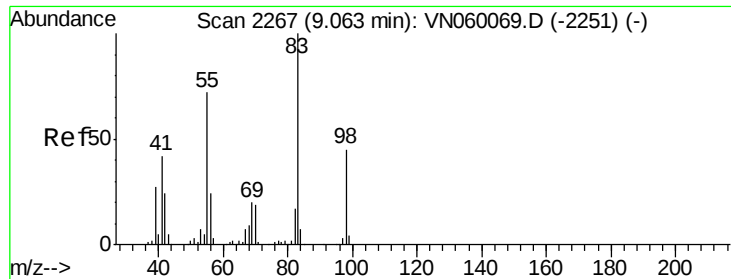
#38
Carbon Tetrachloride
Concen: 5.938 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. -0.11 min
Lab File: VN060169.D
Acq: 20 Feb 2020 13:52

Tgt Ion: 117 Resp: 20605
Ion Ratio Lower Upper
117 100
119 4.5 78.2 117.4#
121 0.0 24.2 36.2#



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

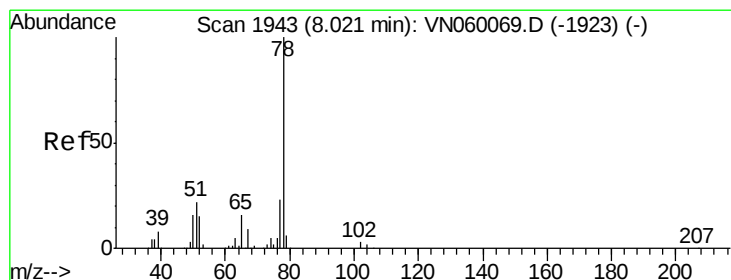
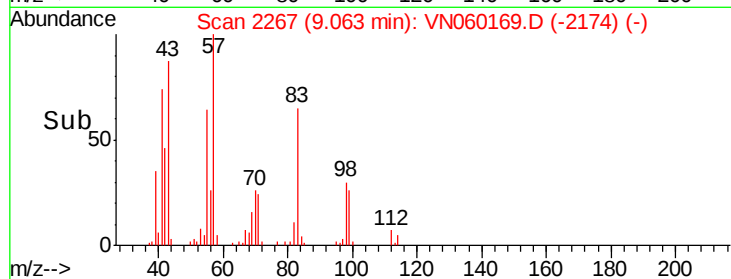
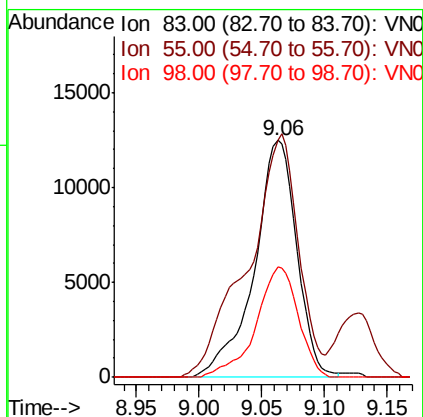
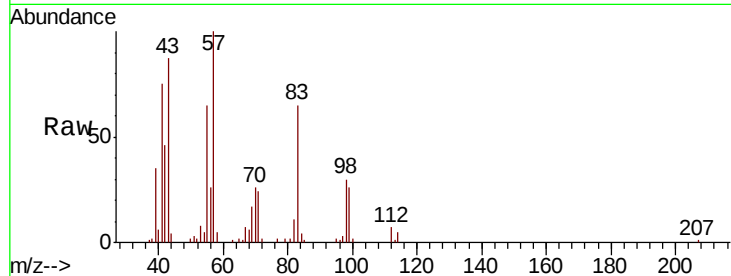




#39
Methvlcvclohexane
Concen: 7.424 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. 0.00 min
Lab File: VN060169.D
Acq: 20 Feb 2020 13:52

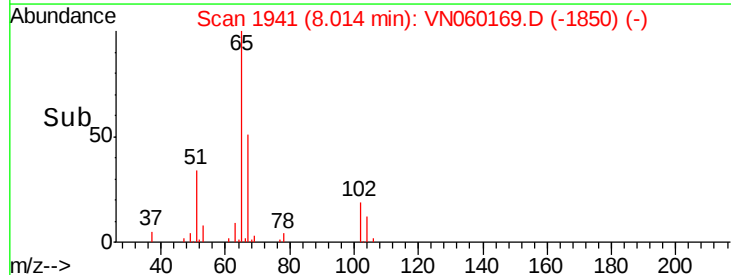
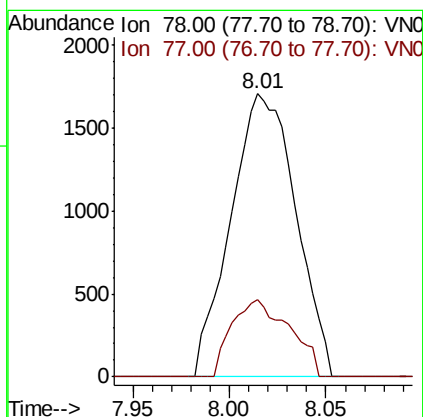
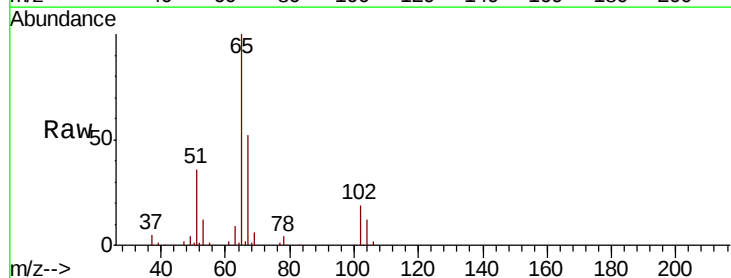
Instrument :
MSVOA_N
ClientSampleId :

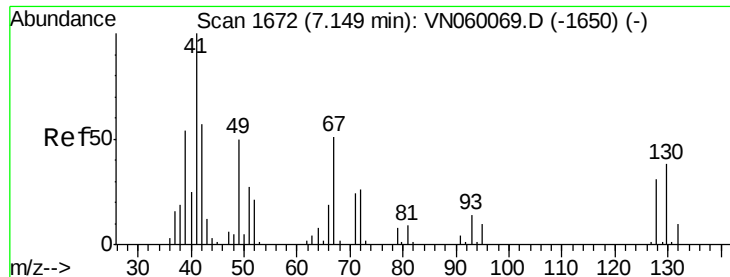
Tot Ion: 83 Resp: 29447
Ion Ratio Lower Upper
83 100
55 98.0 57.8 86.8#
98 46.3 36.4 54.6



#40
Benzene
Concen: 0.420 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. -0.01 min
Lab File: VN060169.D
Acq: 20 Feb 2020 13:52

Tgt Ion: 78 Resp: 3981
Ion Ratio Lower Upper
78 100
77 27.1 18.8 28.2

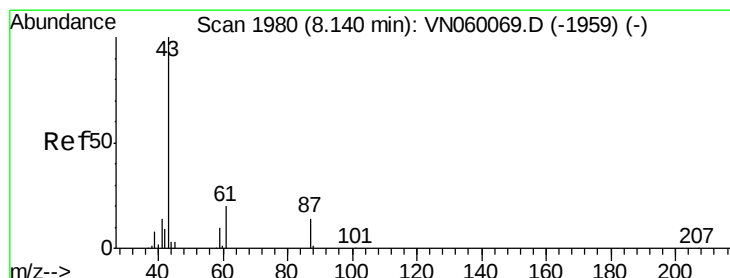
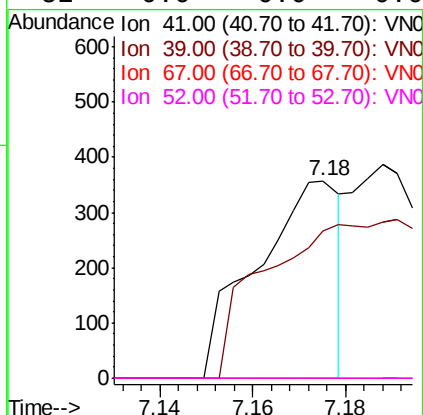
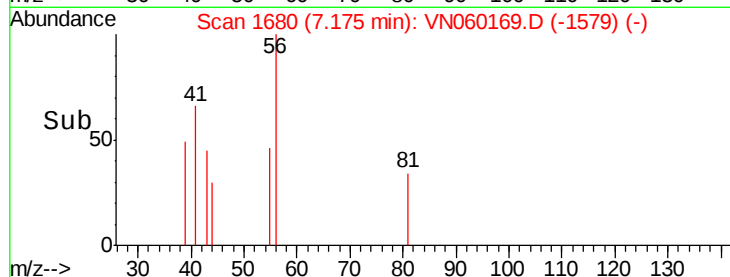
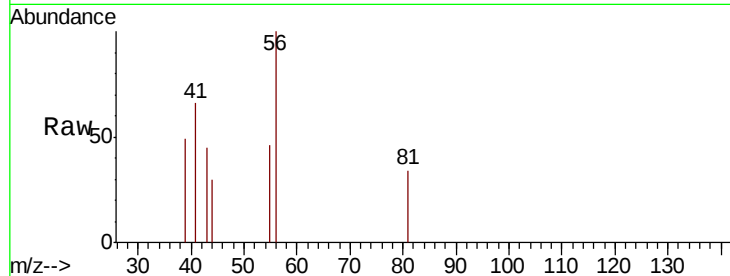




#41
Methacrylonitrile
Concen: 0.370 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN060169.D
Acq: 20 Feb 2020 13:52

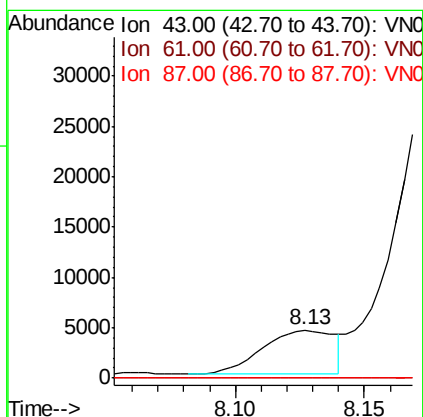
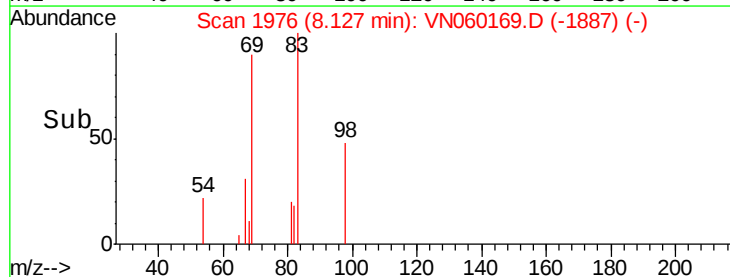
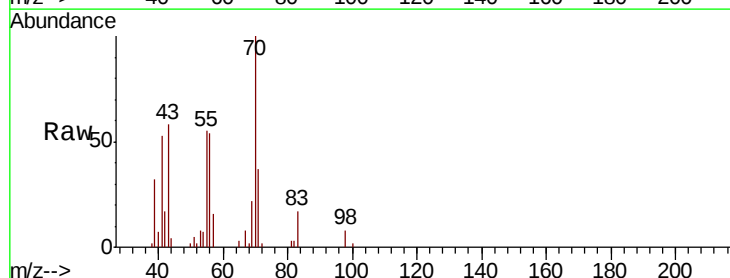
Instrument :
MSVOA_N
ClientSampled :

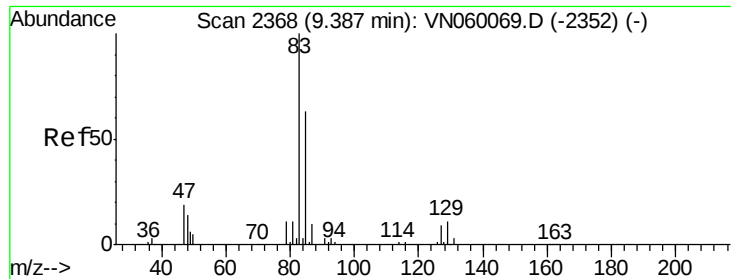
Tot Ion: 41 Resp: 448
Ion Ratio Lower Upper
41 100
39 179.0 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#43
Isopropyl Acetate
Concen: 1.730 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.01 min
Lab File: VN060169.D
Acq: 20 Feb 2020 13:52

Tgt Ion: 43 Resp: 8540
Ion Ratio Lower Upper
43 100
61 0.0 21.8 32.6#
87 0.0 11.4 17.2#





#47

Bromodichloromethane

Concen: 0.649 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.02 min

Lab File: VN060169.D

Acq: 20 Feb 2020 13:52

Instrument :

MSVOA_N

ClientSampleId :

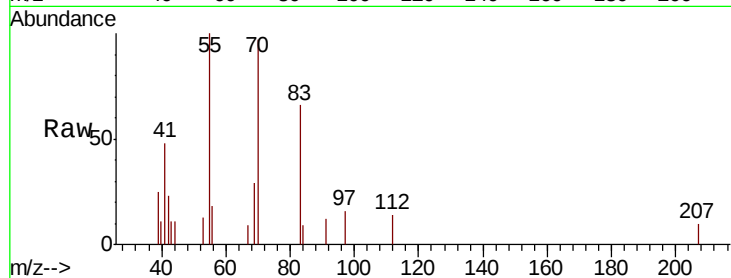
Tot Ion: 83 Resp: 2187

Ion Ratio Lower Upper

83 100

85 0.0 50.6 75.8#

127 0.0 7.0 10.6#

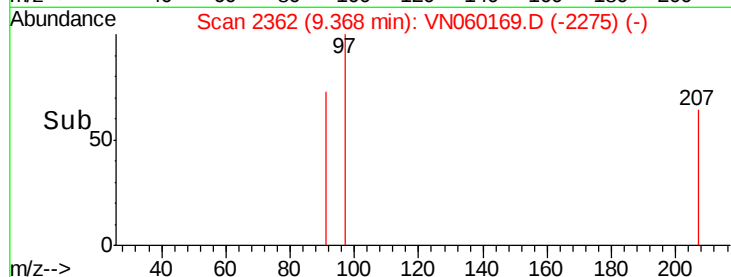


Abundance Ion 82.90 (82.60 to 83.60): VN060169.D (-2352) (-)

Ion 84.90 (84.60 to 85.60): VN060169.D (-2352) (-)

Ion 126.80 (126.50 to 127.50): VN060169.D (-2352) (-)

Time-->

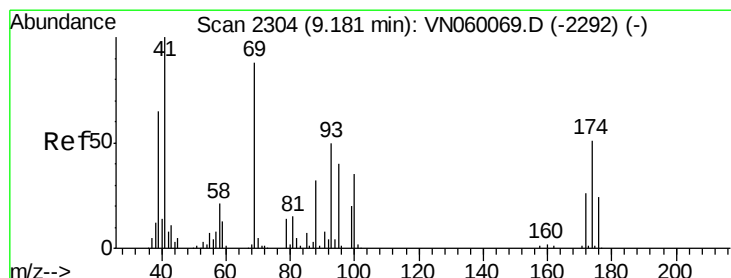


Abundance Ion 82.90 (82.60 to 83.60): VN060169.D (-2352) (-)

Ion 84.90 (84.60 to 85.60): VN060169.D (-2352) (-)

Ion 126.80 (126.50 to 127.50): VN060169.D (-2352) (-)

Time-->



#48

Methyl methacrylate

Concen: 3.681 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.02 min

Lab File: VN060169.D

Acq: 20 Feb 2020 13:52

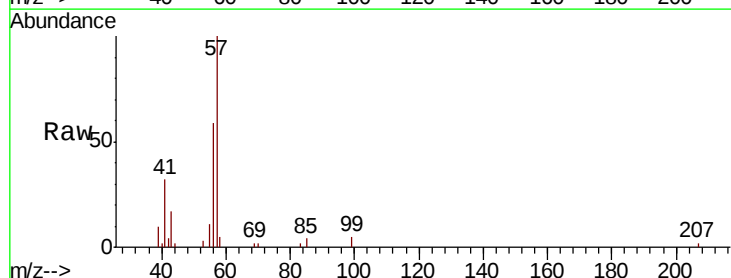
Tgt Ion: 41 Resp: 8153

Ion Ratio Lower Upper

41 100

69 4.7 72.0 108.0#

39 30.8 54.1 81.1#

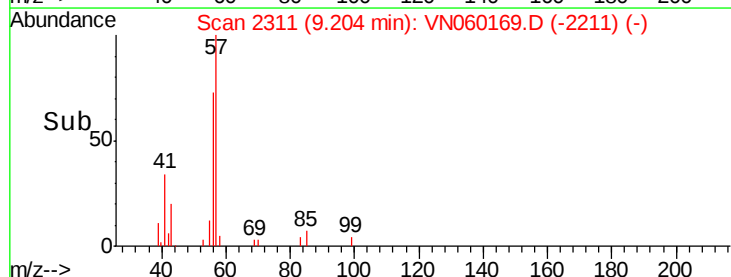


Abundance Ion 41.00 (40.70 to 41.70): VN060169.D (-2211) (-)

Ion 69.00 (68.70 to 69.70): VN060169.D (-2211) (-)

Ion 39.00 (38.70 to 39.70): VN060169.D (-2211) (-)

Time-->

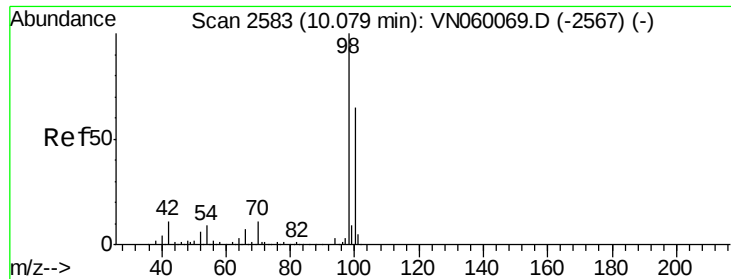


Abundance Ion 41.00 (40.70 to 41.70): VN060169.D (-2211) (-)

Ion 69.00 (68.70 to 69.70): VN060169.D (-2211) (-)

Ion 39.00 (38.70 to 39.70): VN060169.D (-2211) (-)

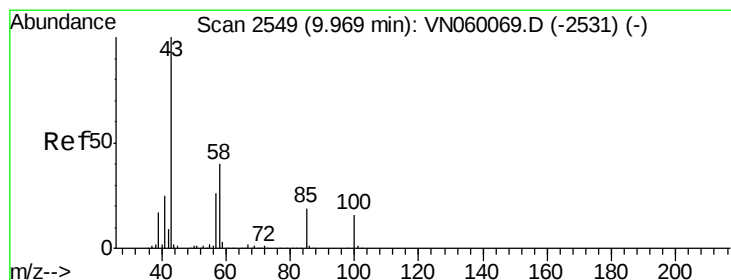
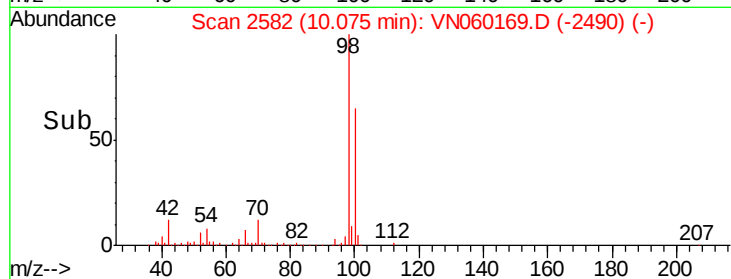
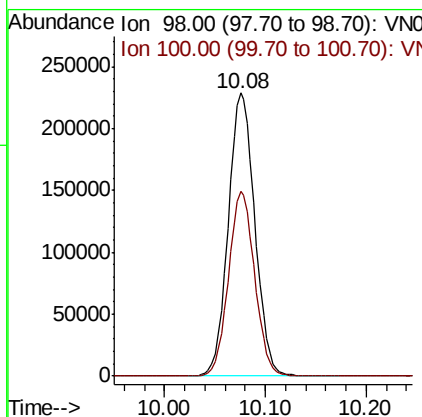
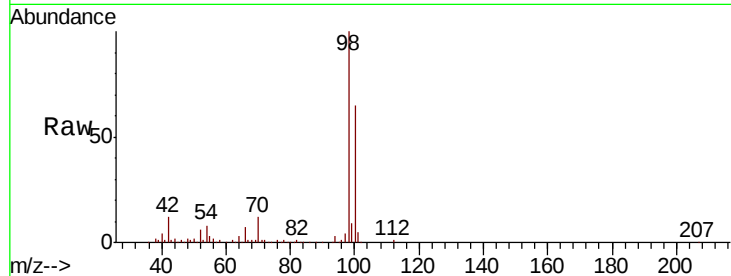
Time-->



#50
Toluene-d8
Concen: 50.155 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060169.D
Acq: 20 Feb 2020 13:52

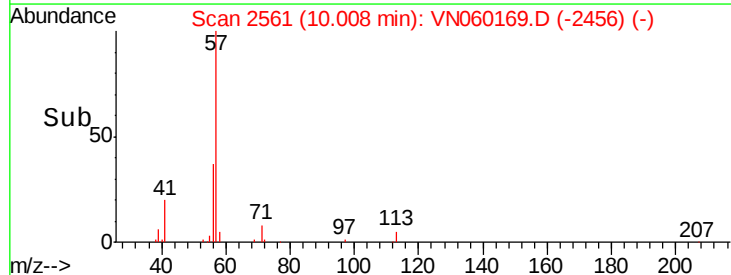
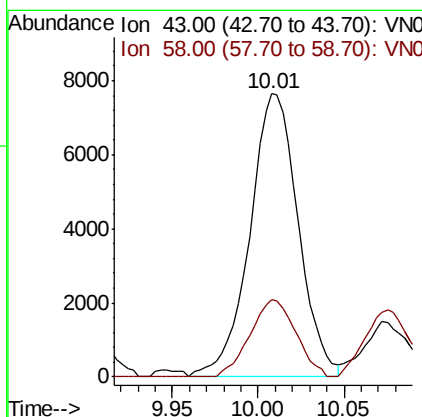
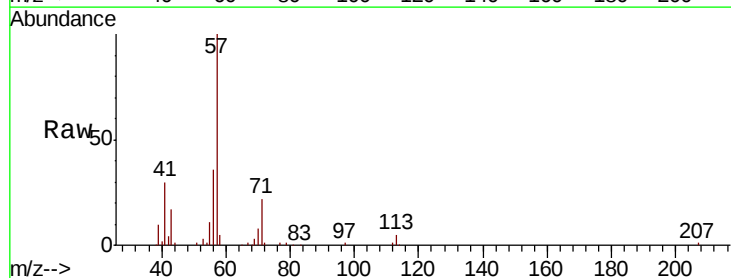
Instrument :
MSVOA_N
ClientSampled :

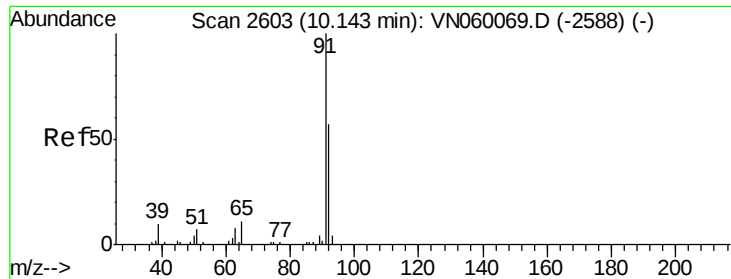
Tot Ion: 98 Resp: 418824
Ion Ratio Lower Upper
98 100
100 64.4 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 5.227 ug/l
RT: 10.01 min Scan# 2561
Delta R.T. 0.04 min
Lab File: VN060169.D
Acq: 20 Feb 2020 13:52

Tgt Ion: 43 Resp: 14935
Ion Ratio Lower Upper
43 100
58 25.8 31.8 47.8#





#52

Toluene

Concen: 53.291 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. -0.00 min

Lab File: VN060169.D

Acq: 20 Feb 2020 13:52

Instrument :

MSVOA_N

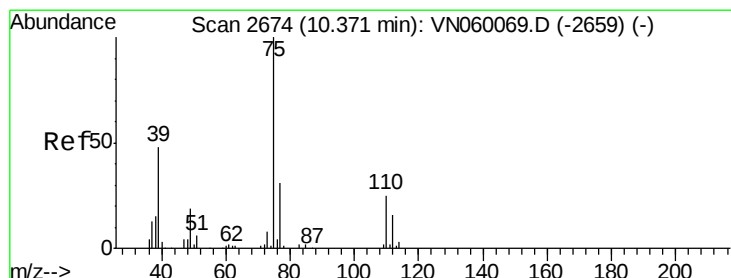
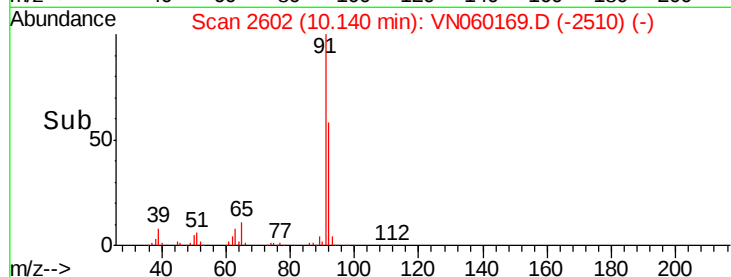
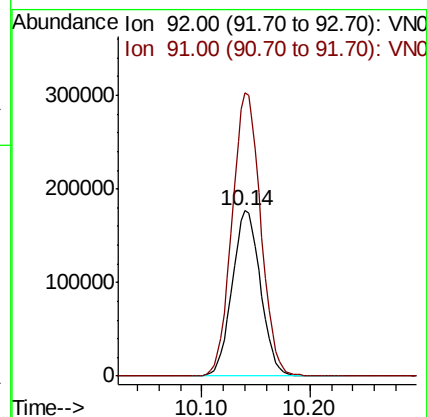
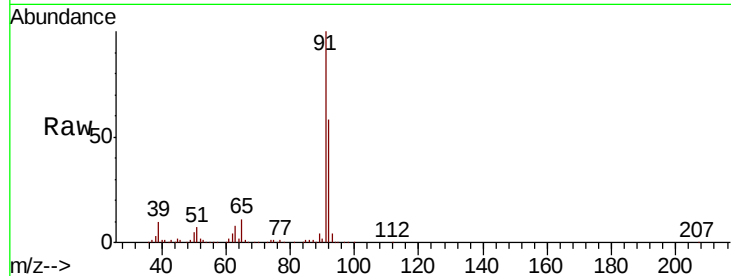
ClientSampleId :

Tot Ion: 92 Resp: 323911

Ion Ratio Lower Upper

92 100

91 173.1 140.9 211.3



#53

t-1,3-Dichloropropene

Concen: 0.992 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. -0.23 min

Lab File: VN060169.D

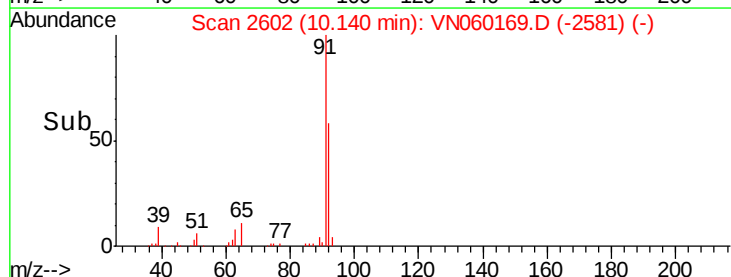
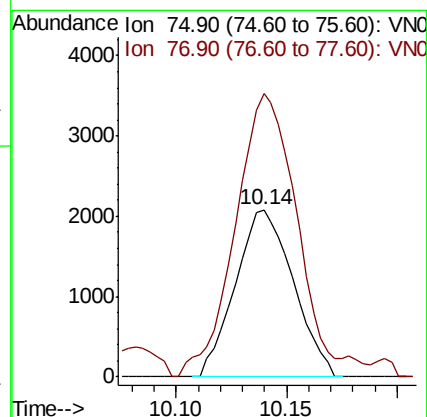
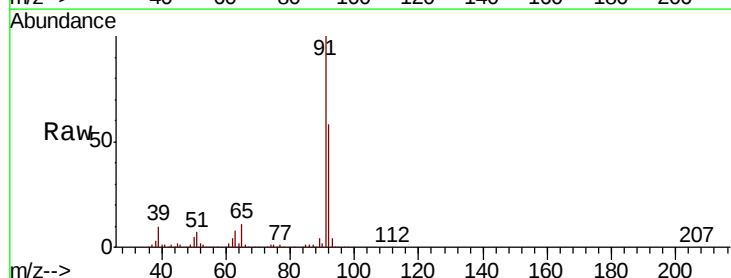
Acq: 20 Feb 2020 13:52

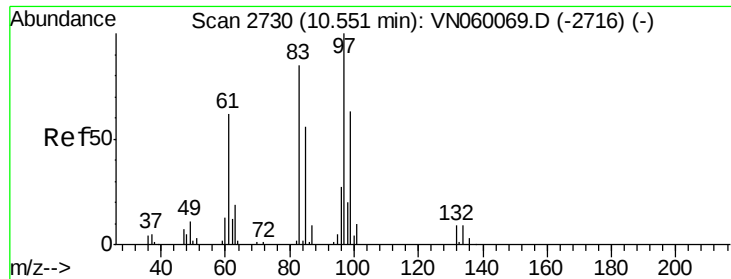
Tgt Ion: 75 Resp: 3775

Ion Ratio Lower Upper

75 100

77 158.2 25.4 38.0#

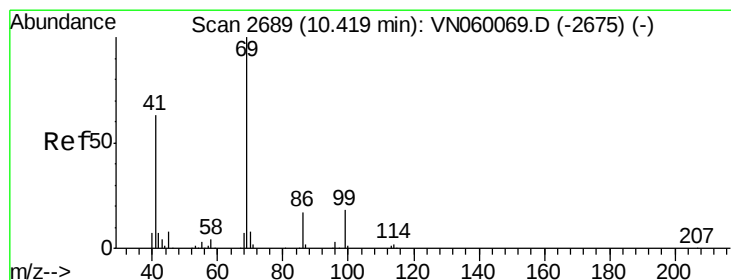
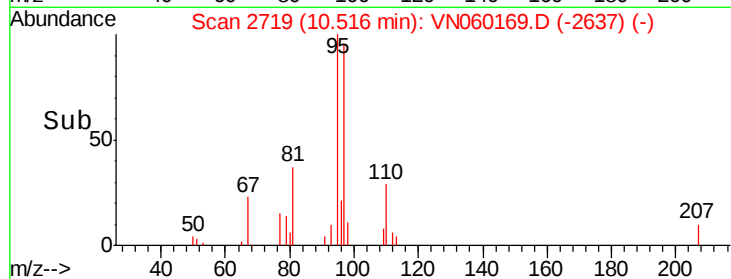
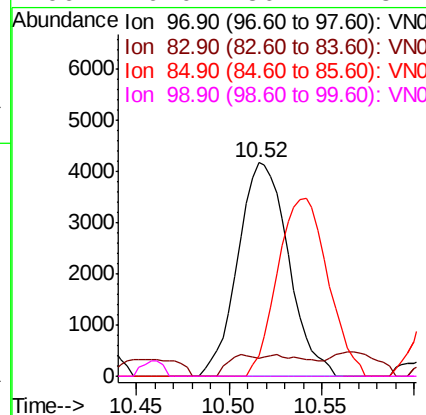
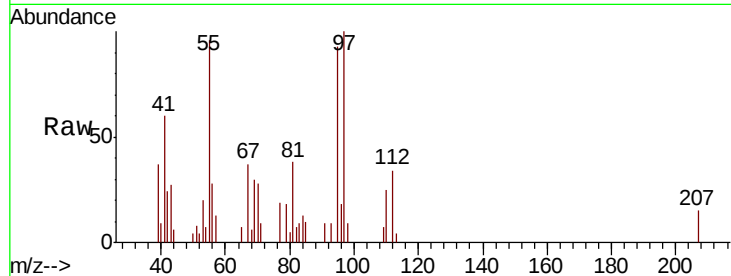




#55
 1,1,2-Trichloroethane
 Concen: 3.347 ug/l
 RT: 10.52 min Scan# 2719
 Delta R.T. -0.04 min
 Lab File: VN060169.D
 Acq: 20 Feb 2020 13:52

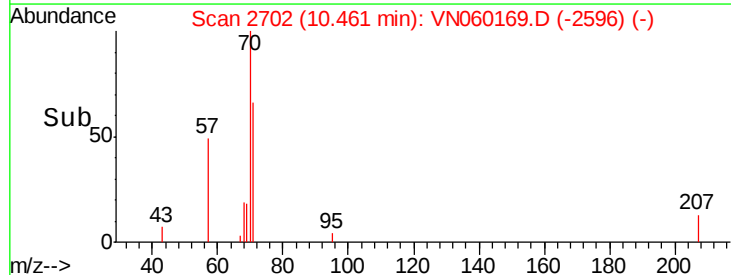
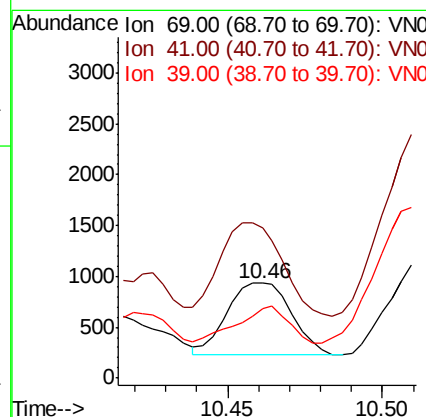
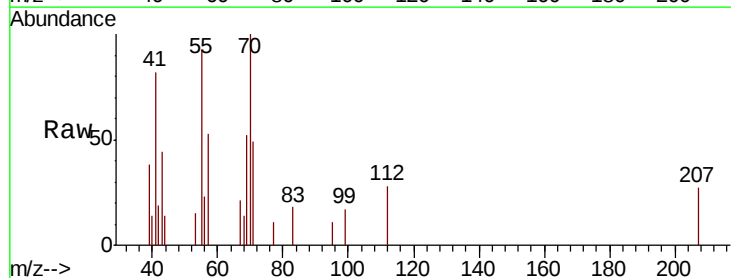
Instrument :
 MSVOA_N
 ClientSampleId :

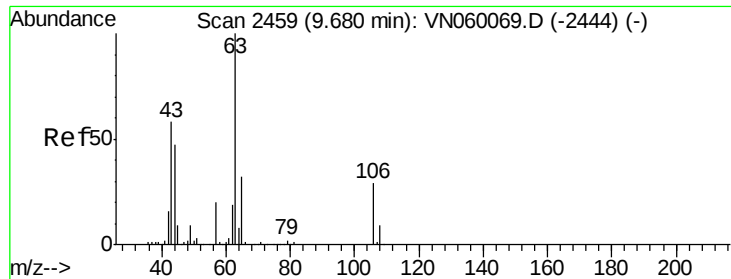
Tot Ion:	97	Resp:	7937
Ion	Ratio	Lower	Upper
97	100		
83	8.6	67.9	101.9#
85	9.8	44.6	67.0#
99	0.0	50.1	75.1#



#56
 Ethyl methacrylate
 Concen: 0.306 ug/l
 RT: 10.46 min Scan# 2702
 Delta R.T. 0.04 min
 Lab File: VN060169.D
 Acq: 20 Feb 2020 13:52

Tgt Ion:	69	Resp:	1027
Ion	Ratio	Lower	Upper
69	100		
41	127.6	51.1	76.7#
39	0.0	33.8	50.8#





#58

2-Chloroethyl Vinyl ether

Concen: 0.332 ug/l

RT: 9.65 min Scan# 2449

Delta R.T. -0.03 min

Lab File: VN060169.D

Acq: 20 Feb 2020 13:52

Instrument :

MSVOA_N

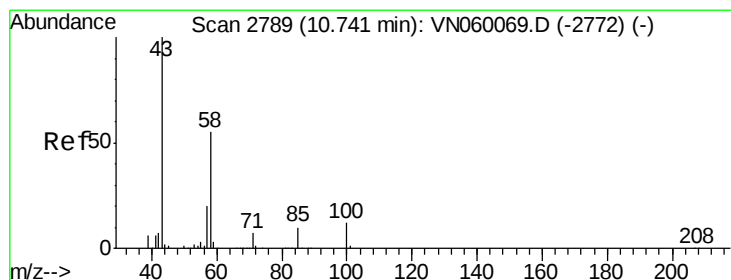
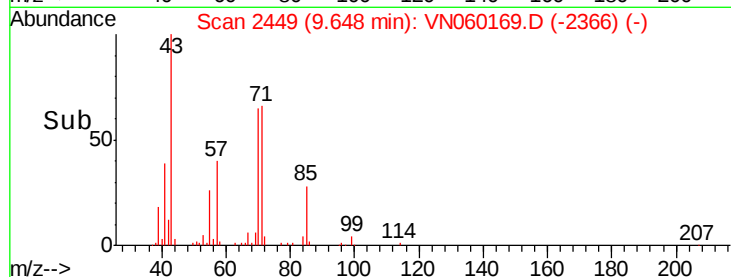
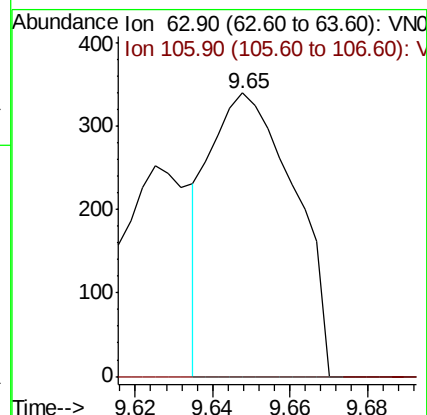
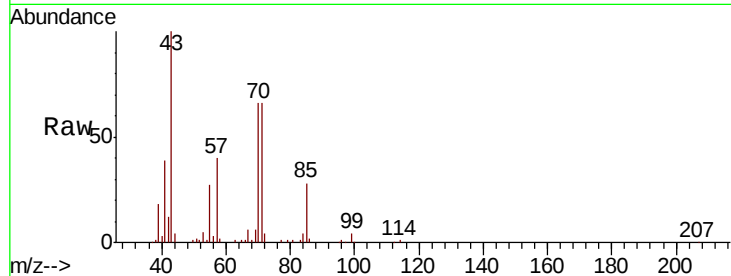
ClientSampleId :

Tot Ion: 63 Resp: 519

Ion Ratio Lower Upper

63 100

106 0.0 22.9 34.3#



#59

2-Hexanone

Concen: 3.055 ug/l

RT: 10.71 min Scan# 2780

Delta R.T. -0.03 min

Lab File: VN060169.D

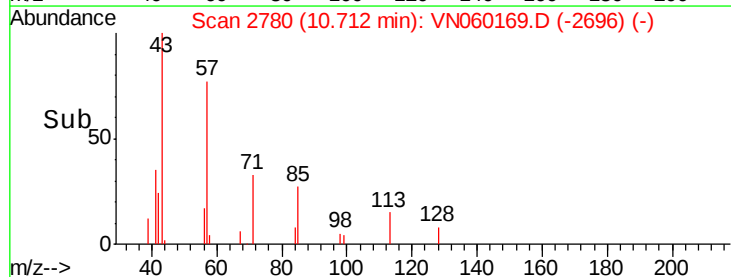
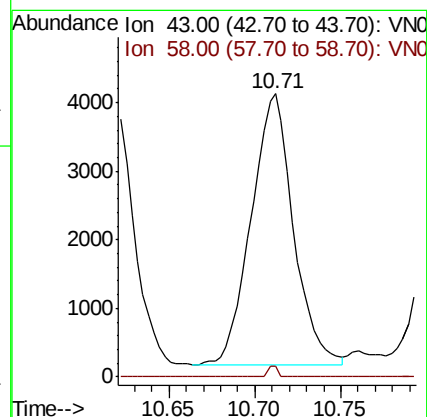
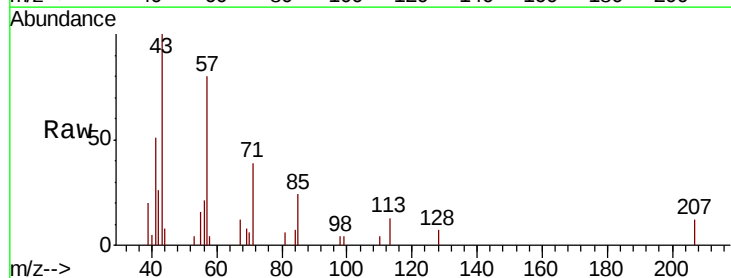
Acq: 20 Feb 2020 13:52

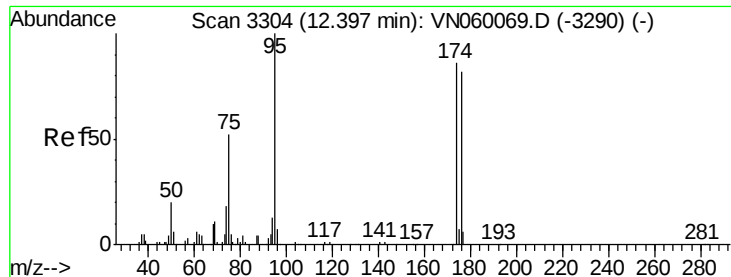
Tgt Ion: 43 Resp: 6744

Ion Ratio Lower Upper

43 100

58 0.9 27.5 82.4#





#62

4-Bromofluorobenzene

Concen: 52.725 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060169.D

Acq: 20 Feb 2020 13:52

Instrument :

MSVOA_N

ClientSampleId :

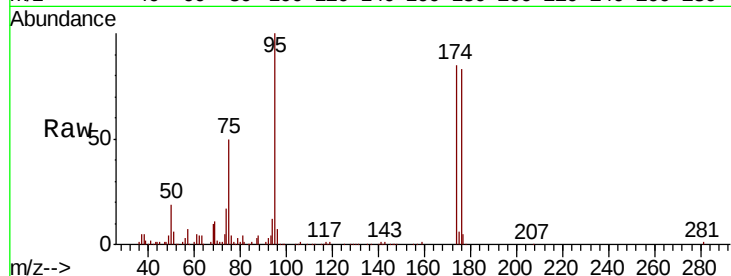
Tot Ion: 95 Resp: 161785

Ion Ratio Lower Upper

95 100

174 83.2 0.0 169.8

176 82.1 0.0 164.8

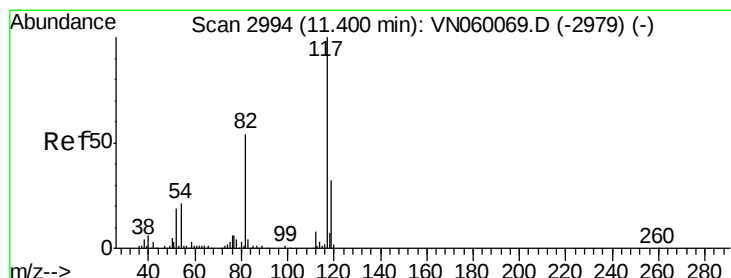
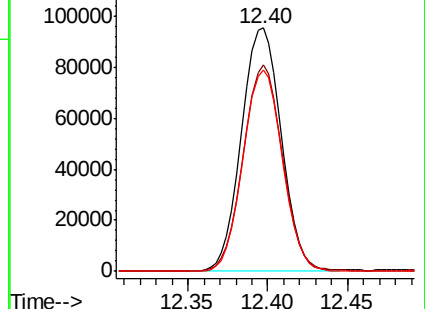
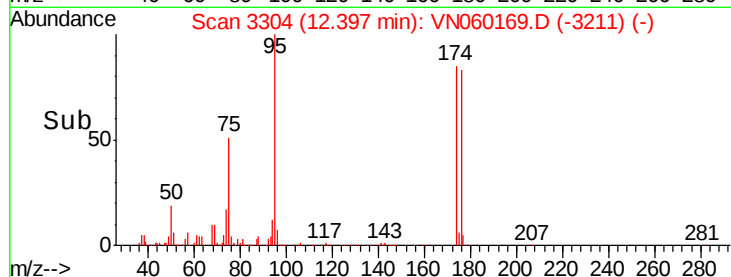


Abundance Ion 94.90 (94.60 to 95.60): VN060169.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN060169.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN060169.D (-3290) (-)

12.40



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060169.D

Acq: 20 Feb 2020 13:52

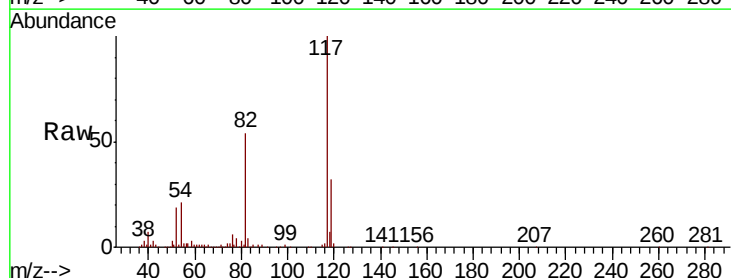
Tgt Ion: 117 Resp: 325023

Ion Ratio Lower Upper

117 100

82 53.8 43.4 65.0

119 32.4 25.8 38.6

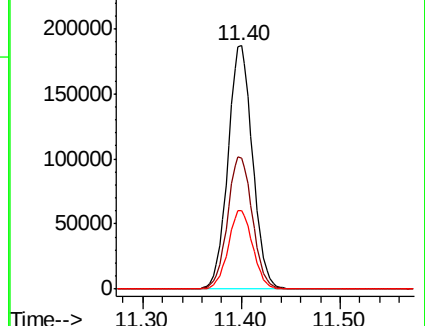
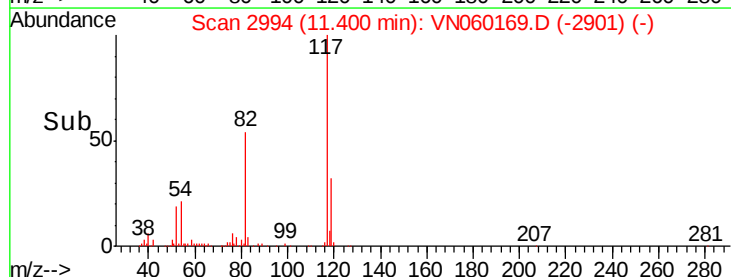


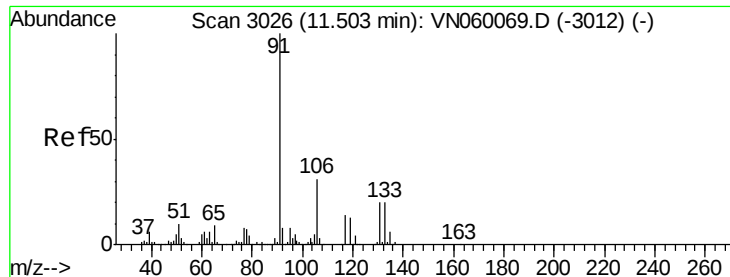
Abundance Ion 116.90 (116.60 to 117.60): VN060169.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN060169.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN060169.D (-2979) (-)

11.40





#67

Ethyl Benzene

Concen: 63.785 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN060169.D

Acq: 20 Feb 2020 13:52

Instrument :

MSVOA_N

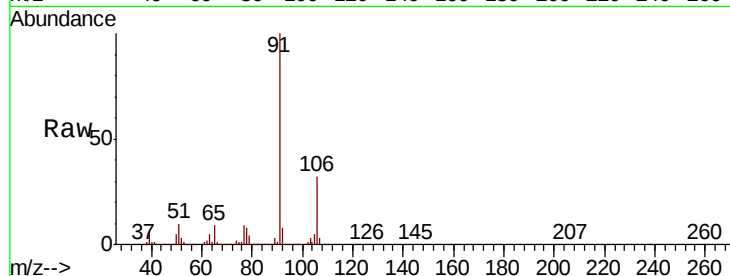
ClientSampled :

Tot Ion: 91 Resp: 761783

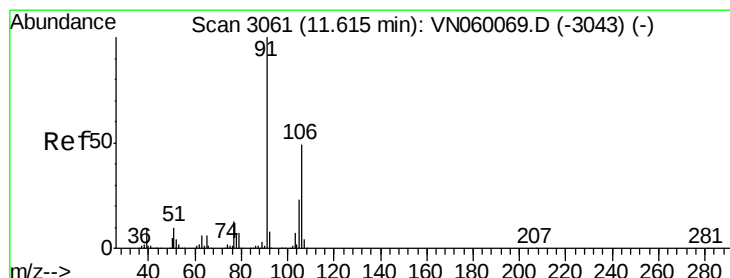
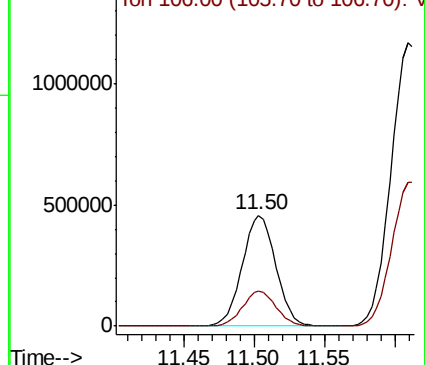
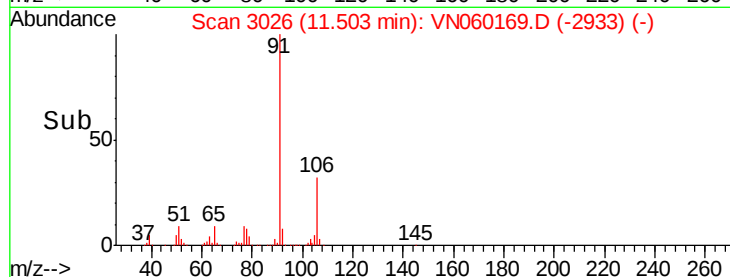
Ion Ratio Lower Upper

91 100

106 31.7 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VN060169.D (-2933) (-)



#68

m/p-Xylenes

Concen: 247.121 ug/l

RT: 11.61 min Scan# 3059

Delta R.T. -0.01 min

Lab File: VN060169.D

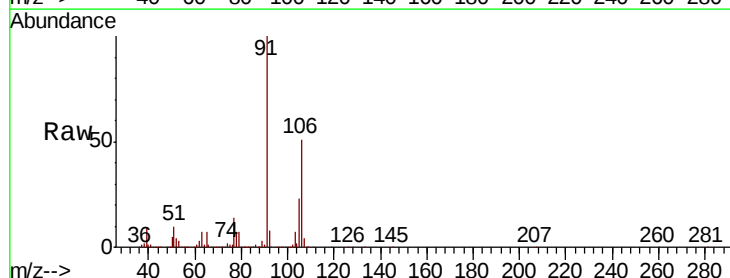
Acq: 20 Feb 2020 13:52

Tgt Ion: 106 Resp: 1107694

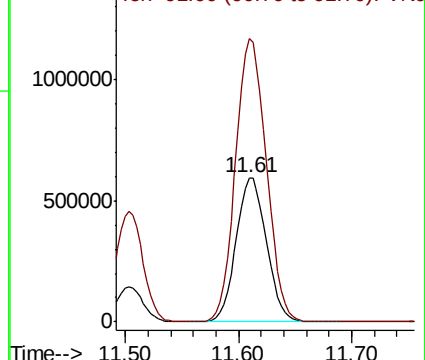
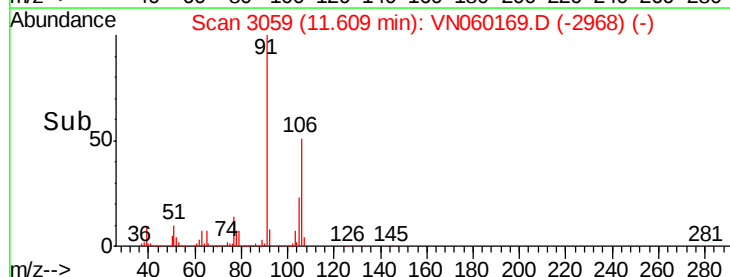
Ion Ratio Lower Upper

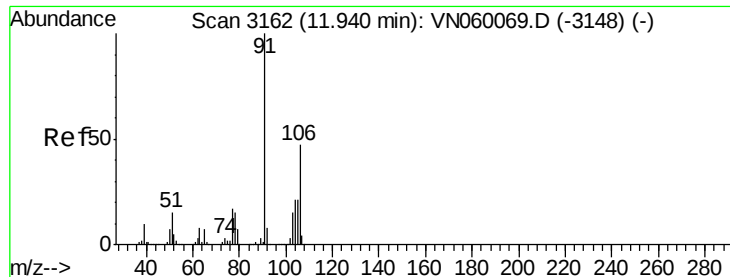
106 100

91 199.8 162.7 244.1



Abundance Ion 106.00 (105.70 to 106.70): VN060169.D (-2968) (-)

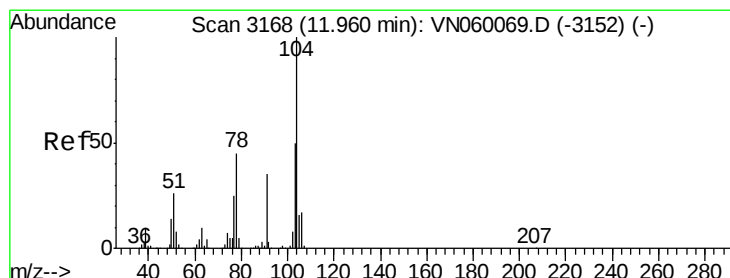
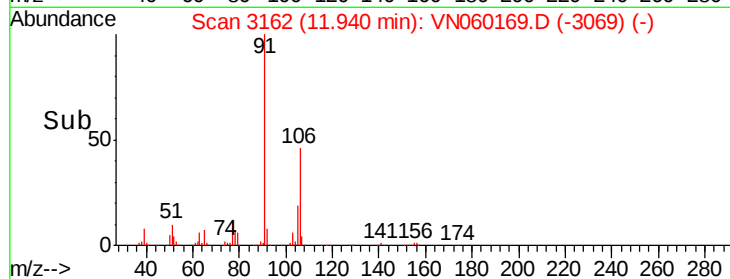
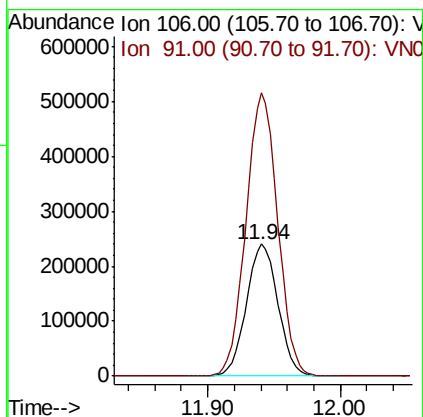
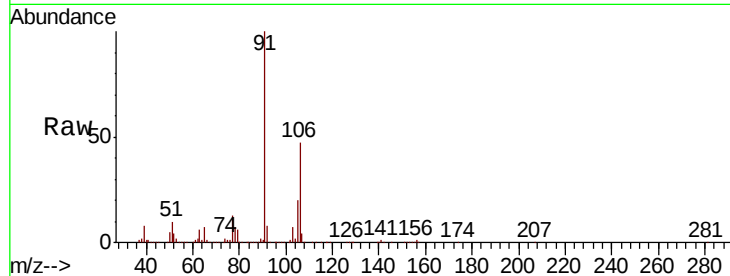




#69
o-Xylene
Concen: 92.024 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN060169.D
Acq: 20 Feb 2020 13:52

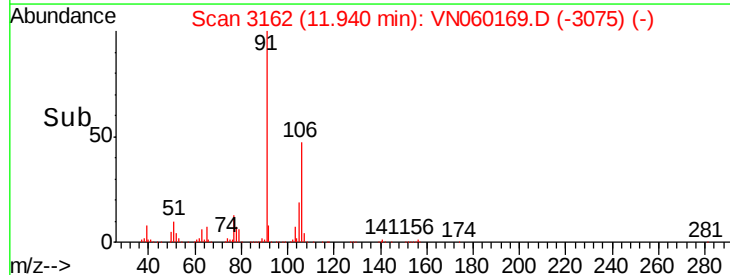
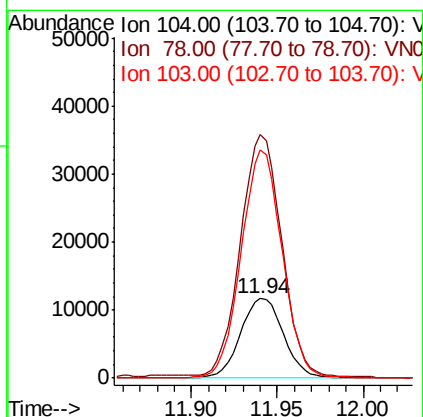
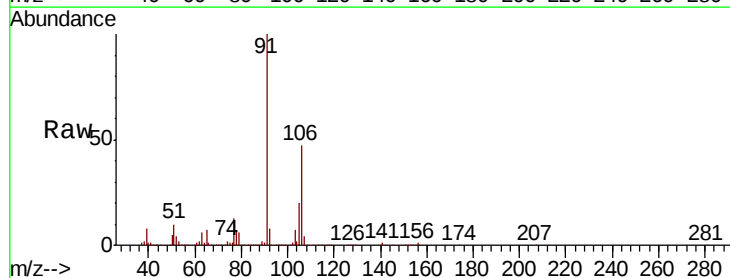
Instrument :
MSVOA_N
ClientSampleId :

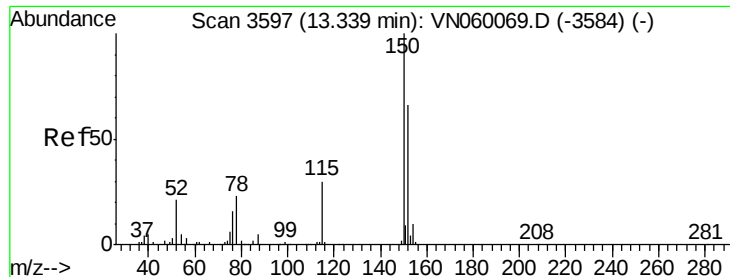
Tot Ion:106 Resp: 397159
Ion Ratio Lower Upper
106 100
91 214.9 107.2 321.6



#70
Styrene
Concen: 2.923 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.02 min
Lab File: VN060169.D
Acq: 20 Feb 2020 13:52

Tgt Ion:104 Resp: 20346
Ion Ratio Lower Upper
104 100
78 298.9 40.2 60.2#
103 272.9 44.3 66.5#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060169.D

Acq: 20 Feb 2020 13:52

Instrument :

MSVOA_N

ClientSampleId :

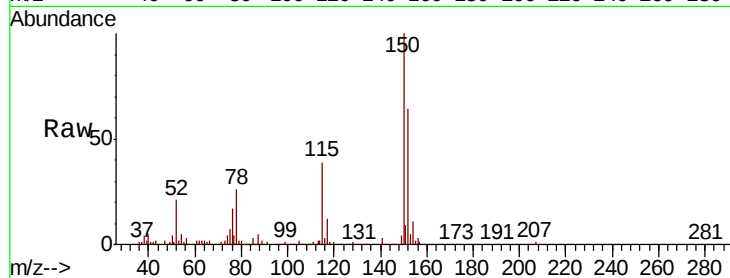
Tot Ion:152 Resp: 165497

Ion Ratio Lower Upper

152 100

115 65.9 28.9 86.8

150 155.1 0.0 342.4

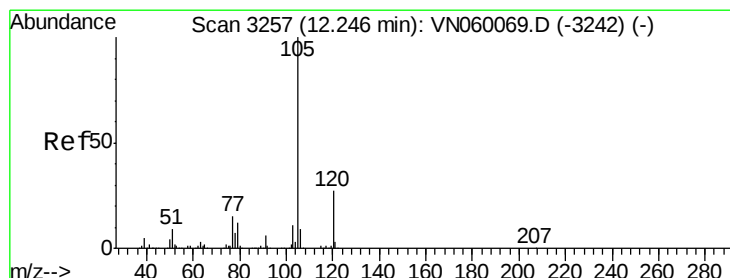
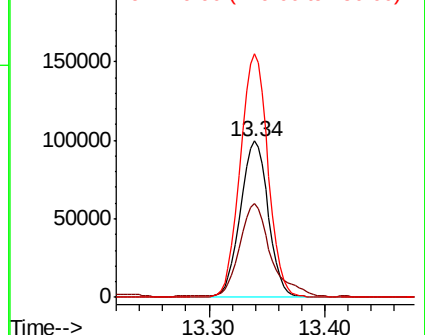
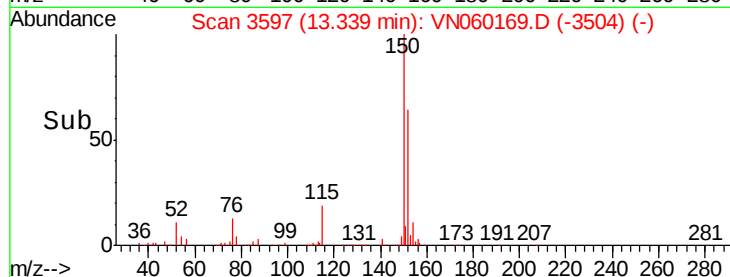


Abundance

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: 6.478 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN060169.D

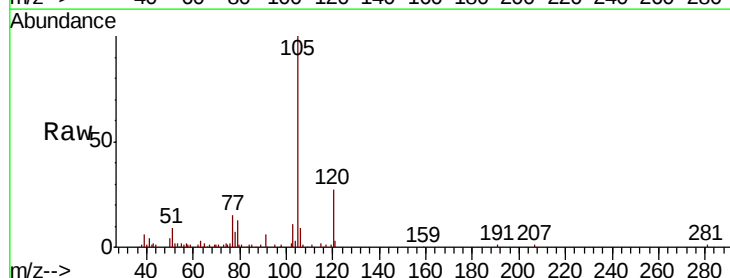
Acq: 20 Feb 2020 13:52

Tgt Ion:105 Resp: 80056

Ion Ratio Lower Upper

105 100

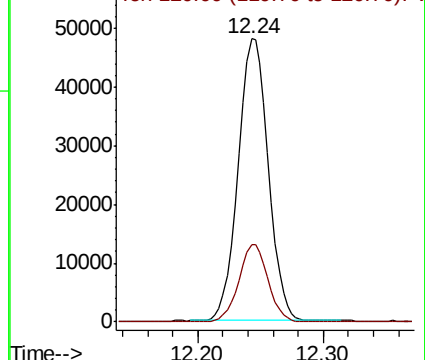
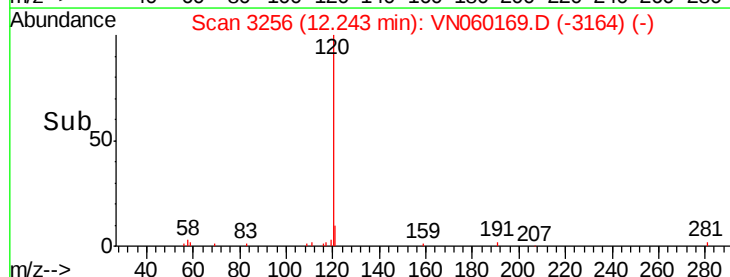
120 26.5 13.3 39.8

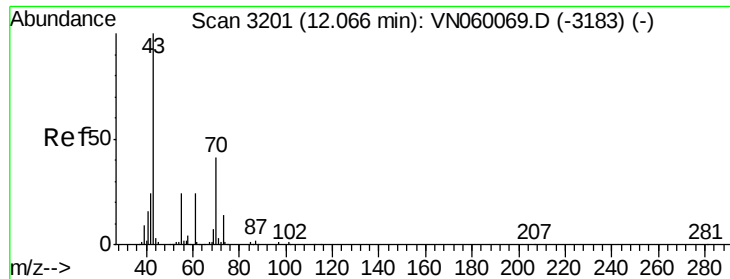


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

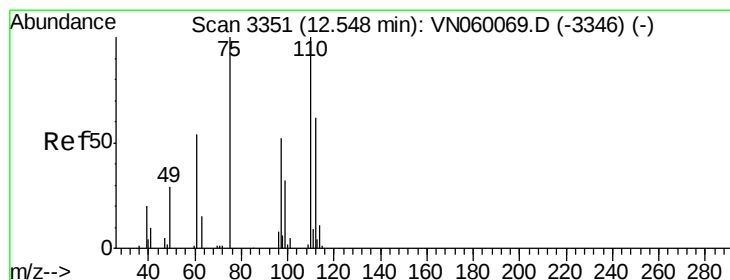
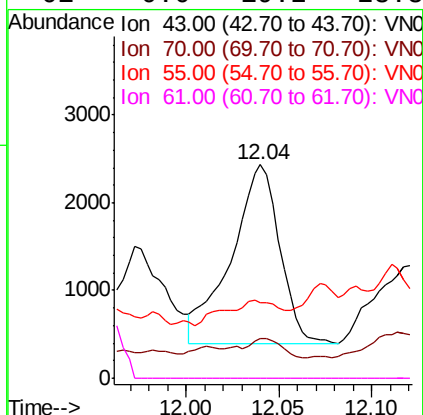
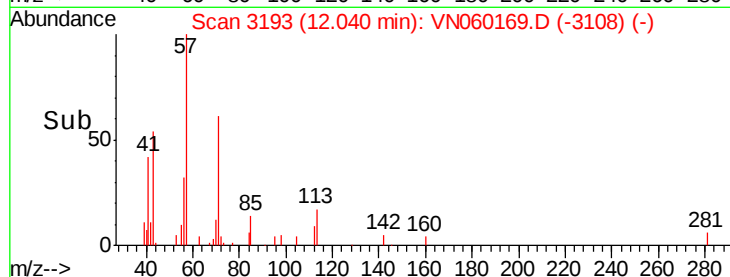
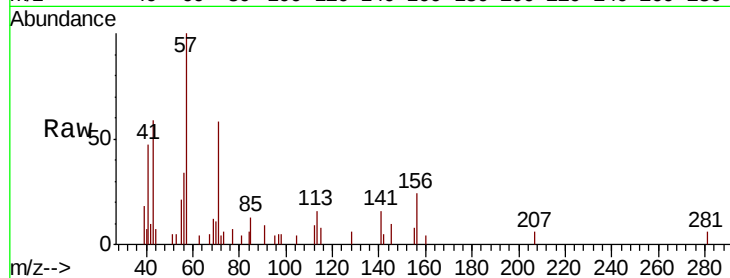




#74
N-amvl acetate
Concen: 0.826 ug/l
RT: 12.04 min Scan# 3193
Delta R.T. -0.03 min
Lab File: VN060169.D
Acq: 20 Feb 2020 13:52

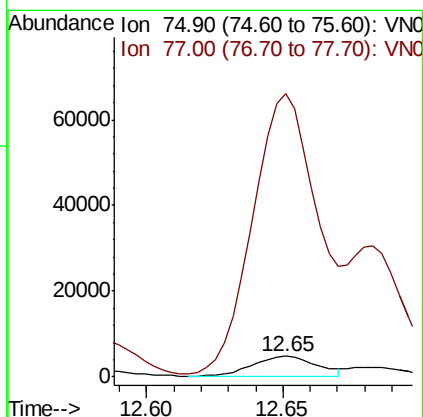
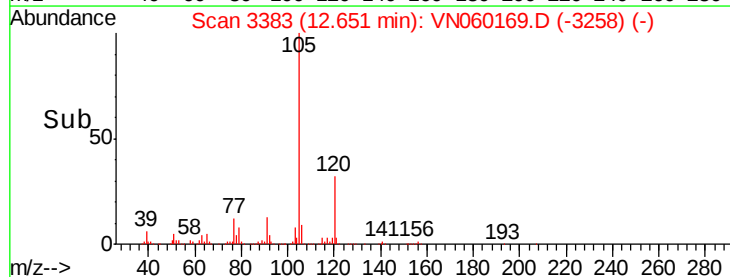
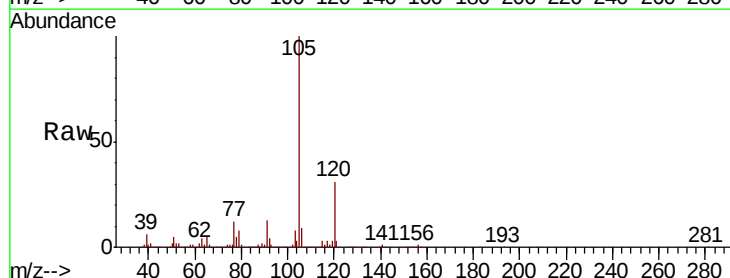
Instrument :
MSVOA_N
ClientSampleId :

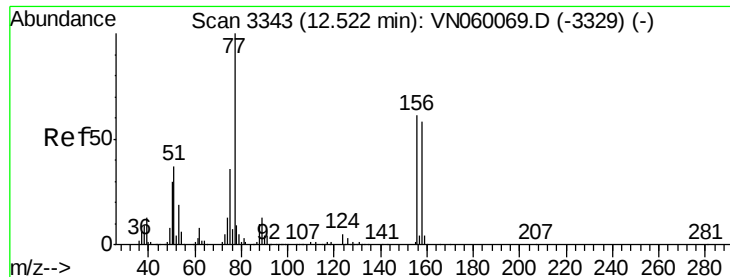
Tot Ion: 43 Resp: 3680
Ion Ratio Lower Upper
43 100
70 6.2 33.4 50.0#
55 15.0 18.8 28.2#
61 0.0 19.2 28.8#



#76
1,2,3-Trichloropropane
Concen: 2.364 ug/l
RT: 12.65 min Scan# 3383
Delta R.T. 0.10 min
Lab File: VN060169.D
Acq: 20 Feb 2020 13:52

Tgt Ion: 75 Resp: 7484
Ion Ratio Lower Upper
75 100
77 1436.7 0.0 0.0#





#77

Bromobenzene

Concen: 11.483 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN060169.D

Acq: 20 Feb 2020 13:52

Instrument :

MSVOA_N

ClientSampleId :

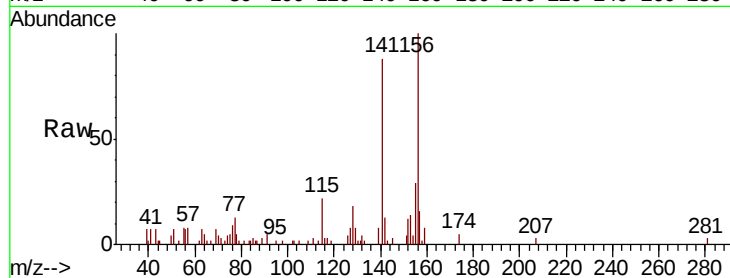
Tot Ion:156 Resp: 35219

Ion Ratio Lower Upper

156 100

77 11.6 98.7 296.1#

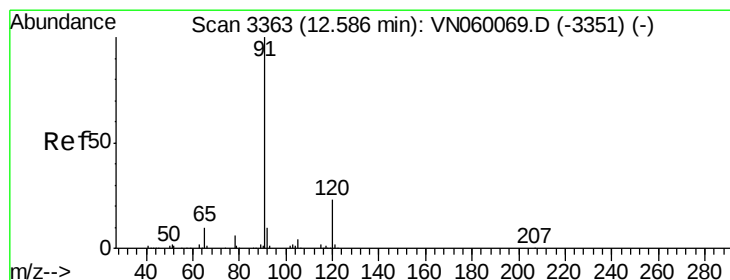
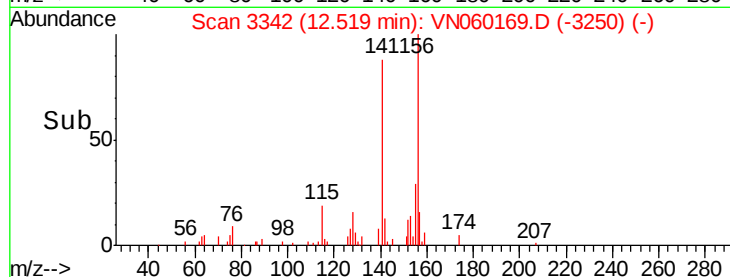
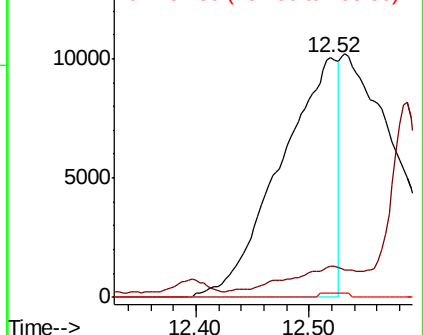
158 0.9 48.1 144.4#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.200 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN060169.D

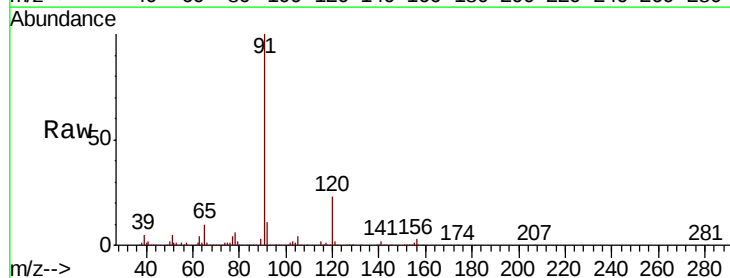
Acq: 20 Feb 2020 13:52

Tgt Ion: 91 Resp: 312584

Ion Ratio Lower Upper

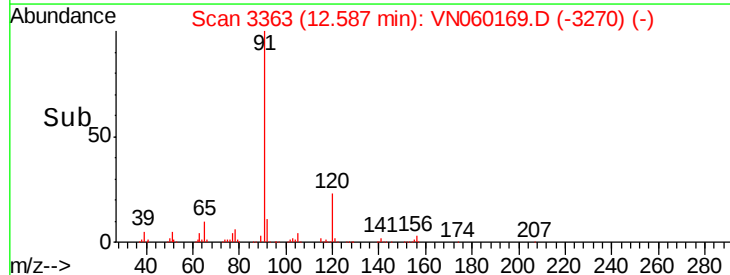
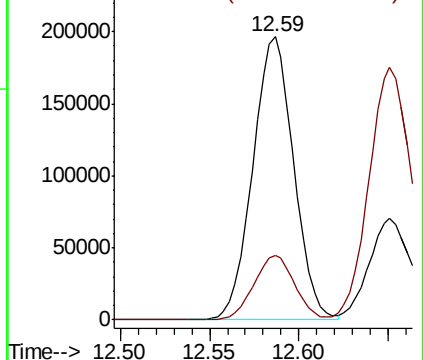
91 100

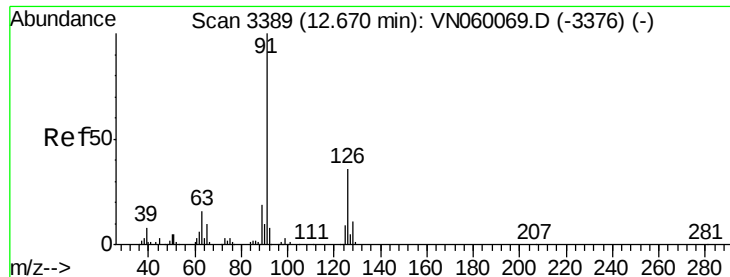
120 22.9 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

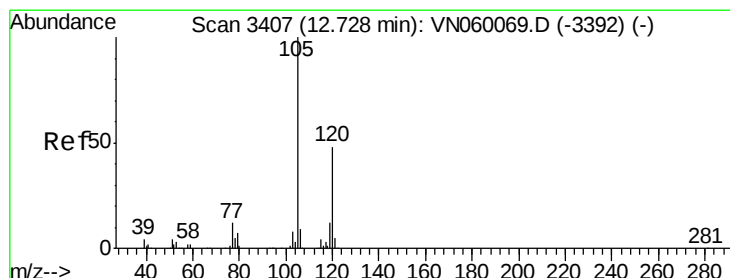
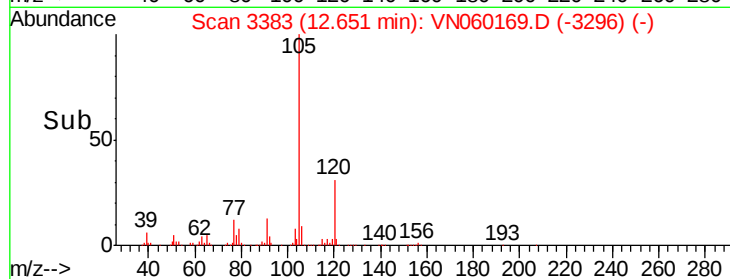
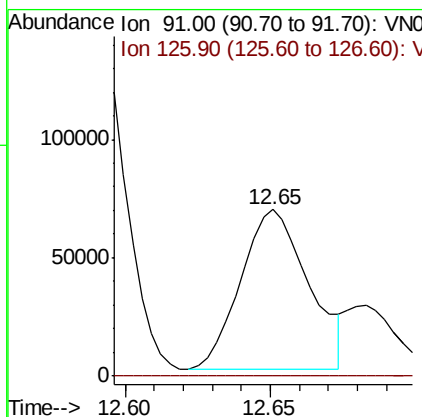
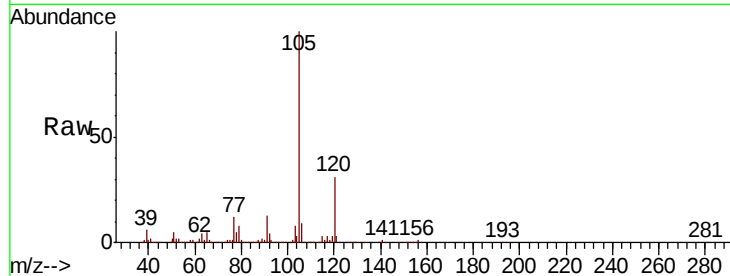




#79
 2-Chlorotoluene
 Concen: 13.225 ug/l
 RT: 12.65 min Scan# 3383
 Delta R.T. -0.02 min
 Lab File: VN060169.D
 Acq: 20 Feb 2020 13:52

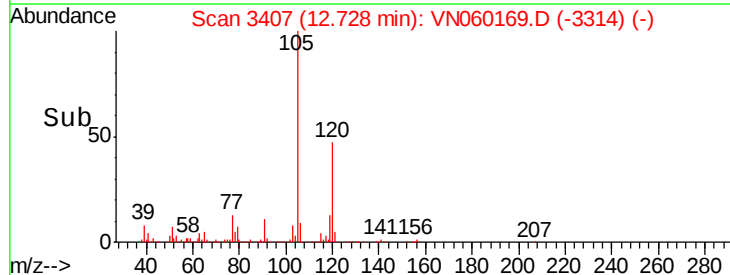
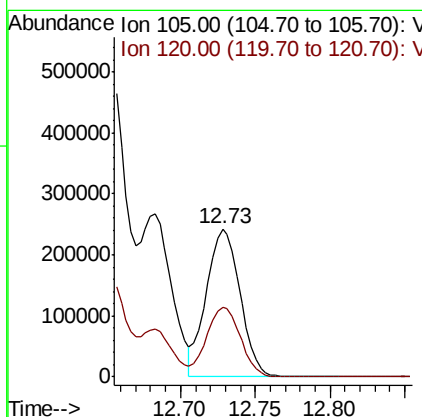
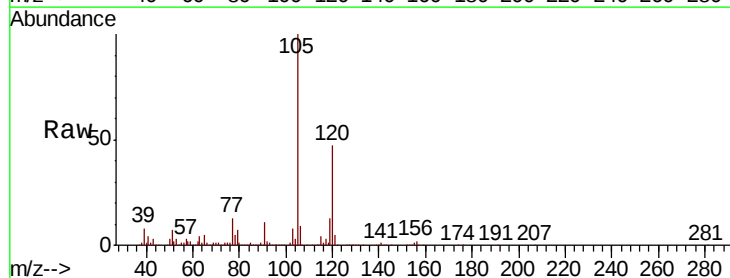
Instrument :
 MSVOA_N
 ClientSampleId :

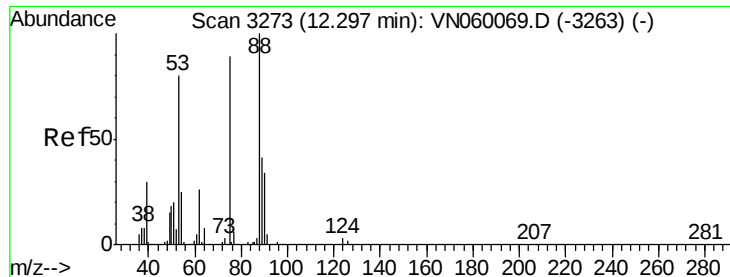
Tot Ion: 91 Resp: 109449
 Ion Ratio Lower Upper
 91 100
 126 0.2 17.4 52.2#



#80
 1,3,5-Trimethylbenzene
 Concen: 36.997 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. 0.00 min
 Lab File: VN060169.D
 Acq: 20 Feb 2020 13:52

Tgt Ion: 105 Resp: 380163
 Ion Ratio Lower Upper
 105 100
 120 47.2 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 63.073 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN060169.D

Acq: 20 Feb 2020 13:52

Instrument :

MSVOA_N

ClientSampleId :

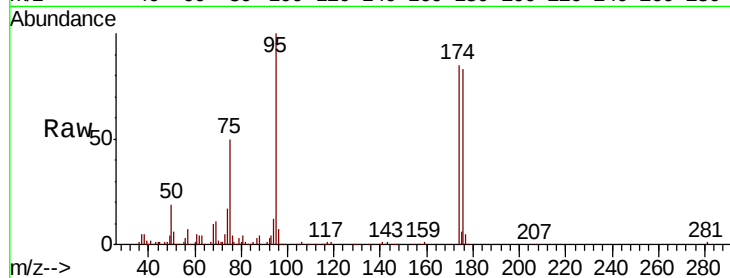
Tot Ion: 75 Resp: 81564

Ion Ratio Lower Upper

75 100

53 1.0 73.9 110.9#

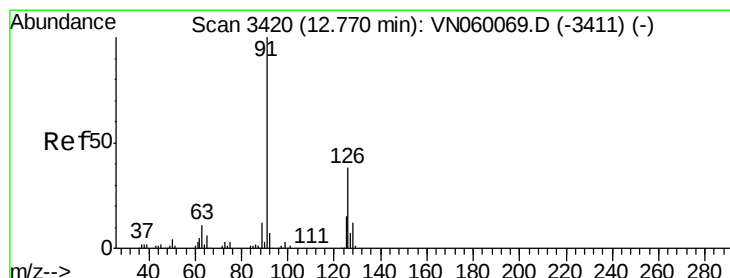
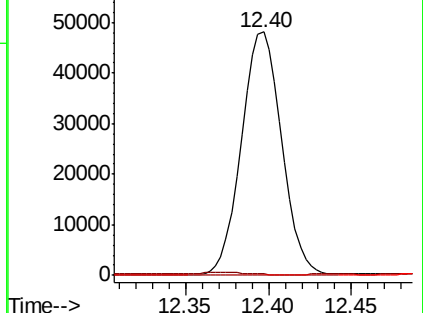
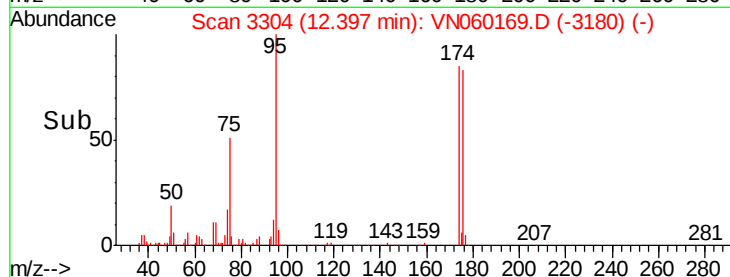
89 0.0 37.0 55.4#



Abundance Ion 74.90 (74.60 to 75.60): VN060169.D (-3304) (-)

Ion 53.00 (52.70 to 53.70): VN060169.D (-3304) (-)

Ion 88.90 (88.60 to 89.60): VN060169.D (-3304) (-)



#82

4-Chlorotoluene

Concen: 4.780 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.04 min

Lab File: VN060169.D

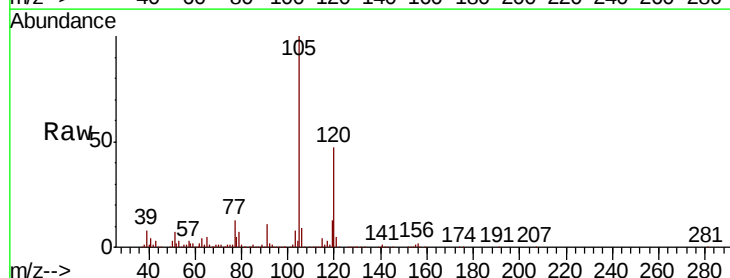
Acq: 20 Feb 2020 13:52

Tgt Ion: 91 Resp: 40590

Ion Ratio Lower Upper

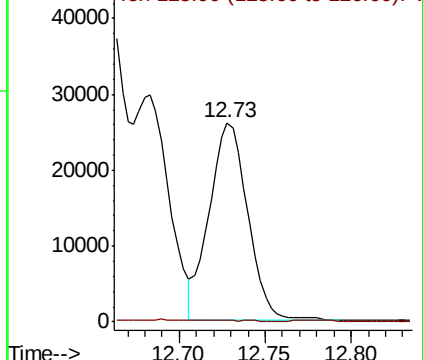
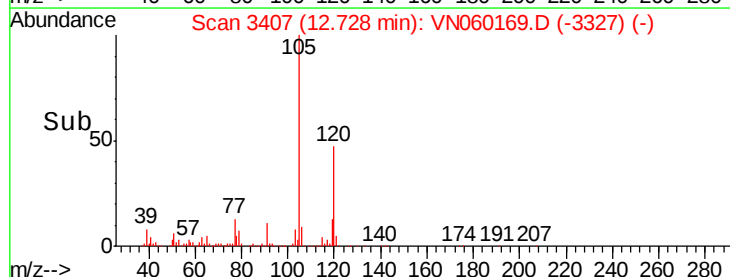
91 100

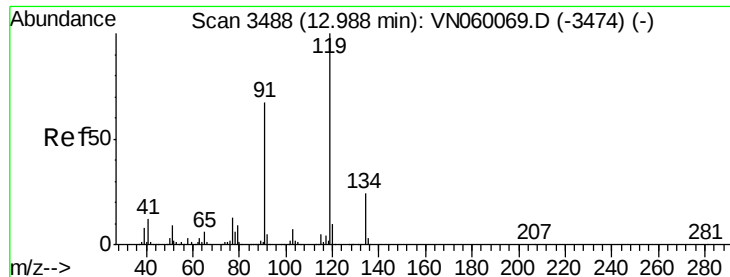
126 0.2 17.1 51.3#



Abundance Ion 91.00 (90.70 to 91.70): VN060169.D (-3407) (-)

Ion 125.90 (125.60 to 126.60): VN060169.D (-3407) (-)

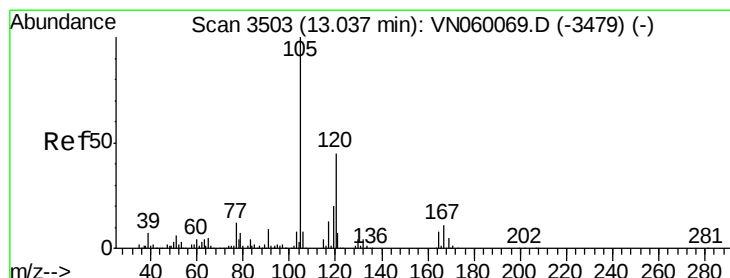
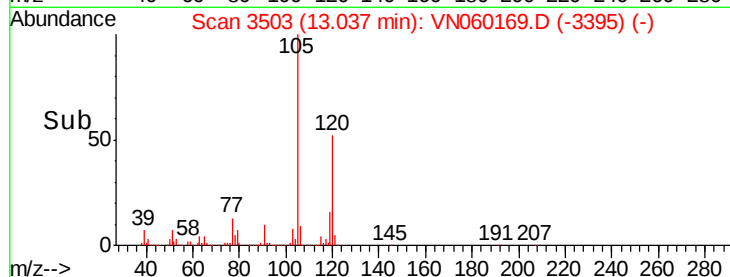
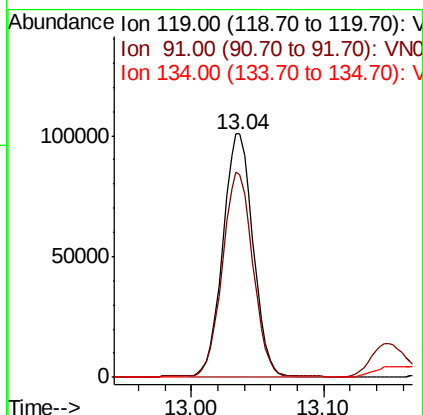
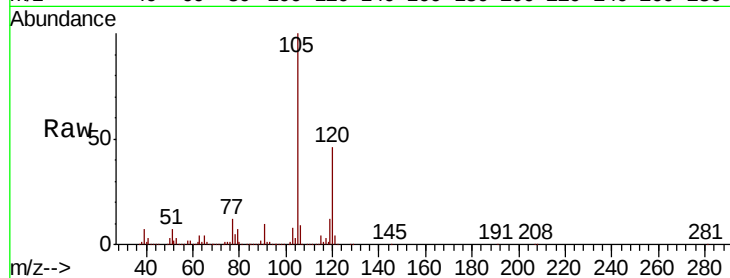




#83
tert-Butylbenzene
Concen: 17.615 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.05 min
Lab File: VN060169.D
Acq: 20 Feb 2020 13:52

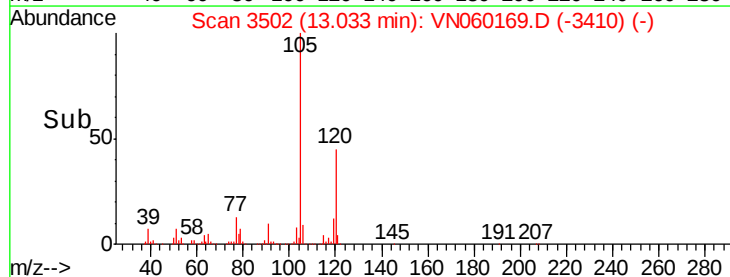
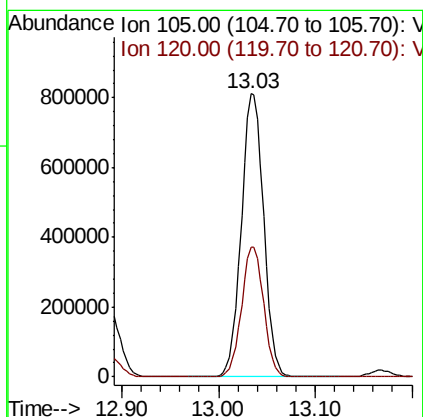
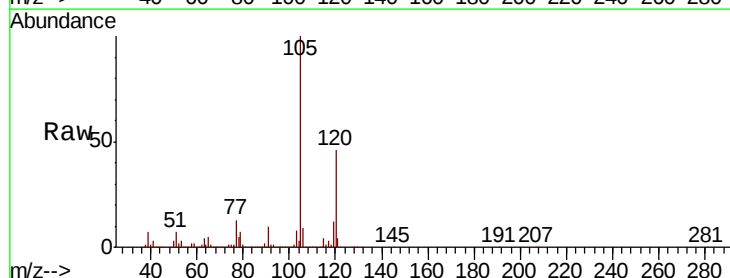
Instrument :
MSVOA_N
ClientSampleId :

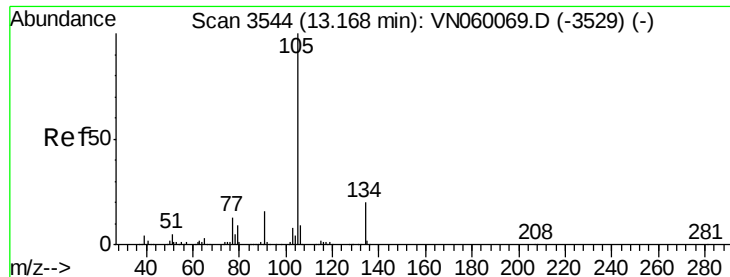
Tot Ion:119 Resp: 160122
Ion Ratio Lower Upper
119 100
91 83.0 32.7 98.1
134 0.0 12.9 38.7#



#84
1,2,4-Trimethylbenzene
Concen: 127.763 ug/l
RT: 13.03 min Scan# 3502
Delta R.T. -0.00 min
Lab File: VN060169.D
Acq: 20 Feb 2020 13:52

Tgt Ion:105 Resp: 1295929
Ion Ratio Lower Upper
105 100
120 45.5 22.4 67.3





#85

sec-Butylbenzene

Concen: 107.651 ug/l

RT: 13.03 min Scan# 3502

Delta R.T. -0.13 min

Lab File: VN060169.D

Acq: 20 Feb 2020 13:52

Instrument :

MSVOA_N

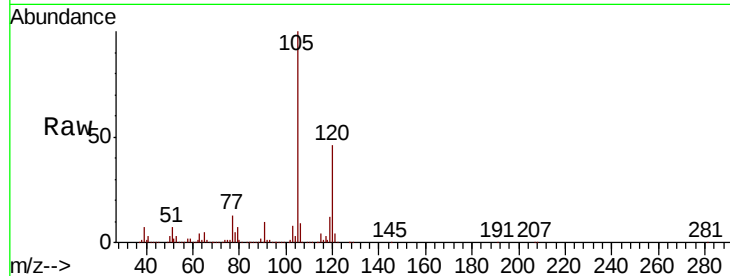
ClientSampleId :

Tot Ion:105 Resp: 1295929

Ion Ratio Lower Upper

105 100

134 0.0 9.9 29.7#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

800000

600000

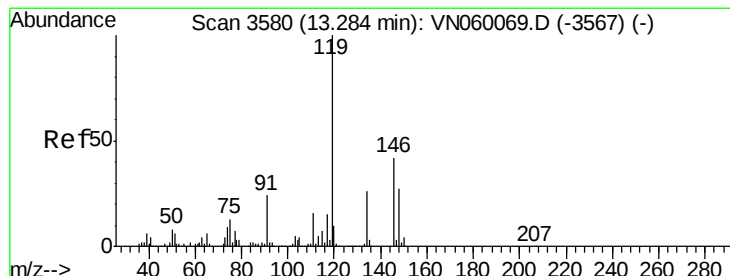
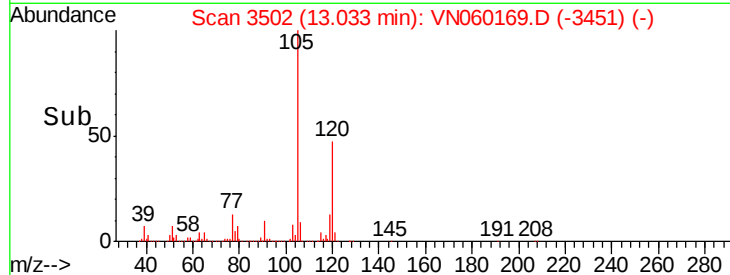
400000

200000

0

12.90 13.03 13.10

Time-->



#86

p-Isopropyltoluene

Concen: 3.574 ug/l

RT: 13.23 min Scan# 3563

Delta R.T. -0.05 min

Lab File: VN060169.D

Acq: 20 Feb 2020 13:52

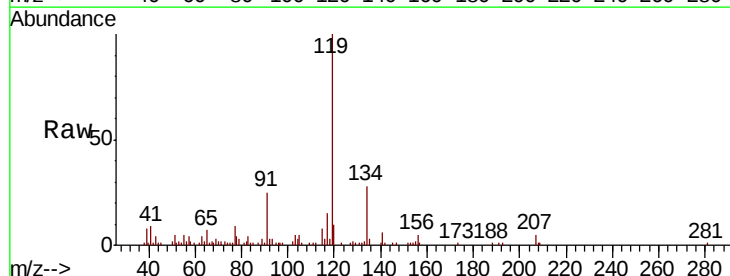
Tgt Ion:119 Resp: 38980

Ion Ratio Lower Upper

119 100

134 29.2 13.3 39.8

91 23.5 11.9 35.9



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

30000

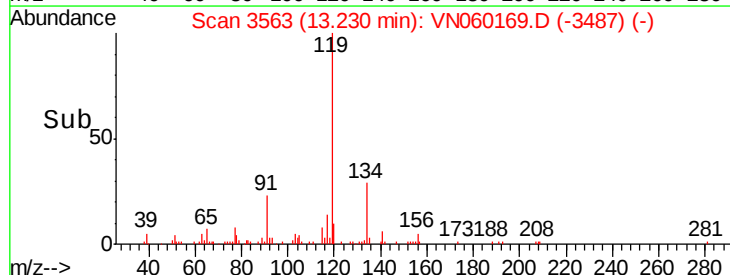
20000

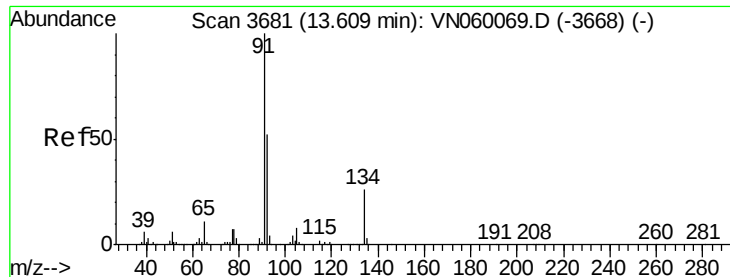
10000

0

13.20 13.23 13.25

Time-->

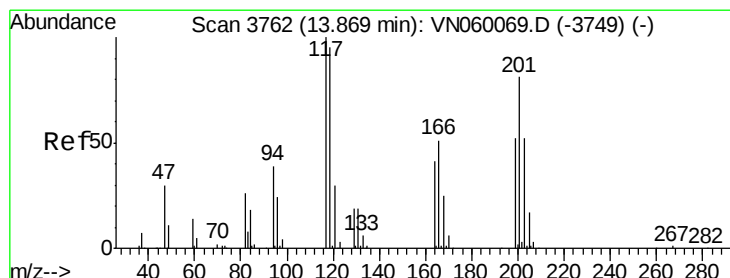
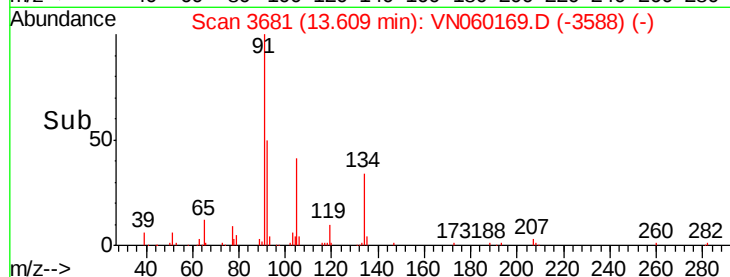
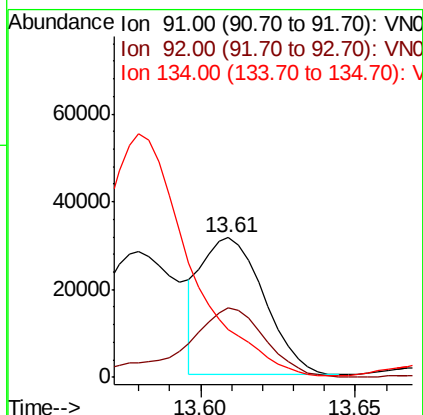
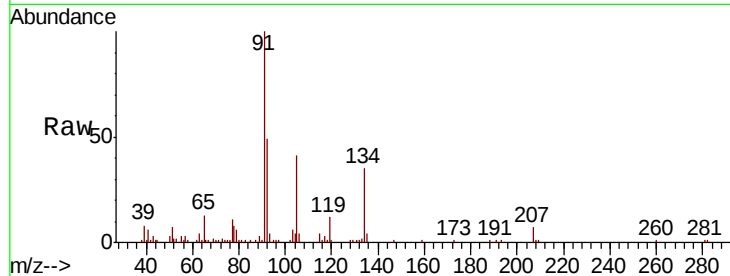




#89
n-Butylbenzene
Concen: 4.568 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. 0.00 min
Lab File: VN060169.D
Acq: 20 Feb 2020 13:52

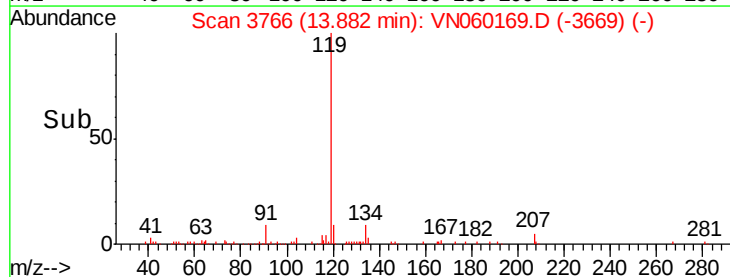
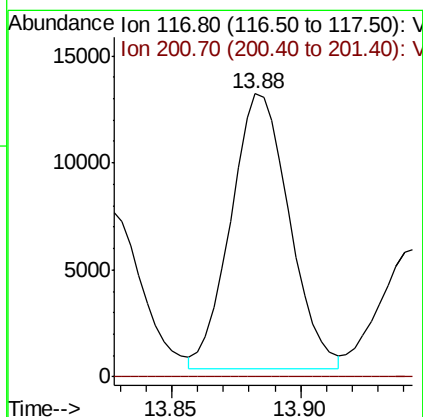
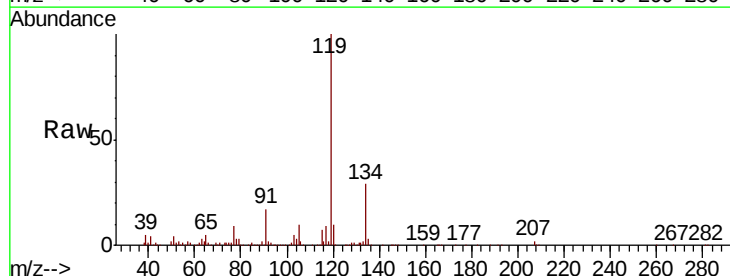
Instrument :
MSVOA_N
ClientSampled :

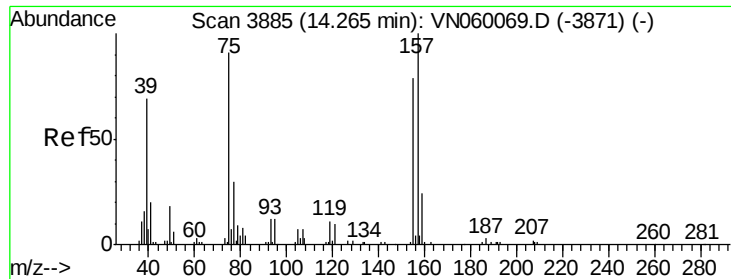
Tot Ion: 91 Resp: 43819
Ion Ratio Lower Upper
91 100
92 67.1 26.1 78.2
134 0.0 13.1 39.3#



#90
Hexachloroethane
Concen: 9.960 ug/l
RT: 13.88 min Scan# 3766
Delta R.T. 0.01 min
Lab File: VN060169.D
Acq: 20 Feb 2020 13:52

Tgt Ion: 117 Resp: 20294
Ion Ratio Lower Upper
117 100
201 0.0 41.7 125.1#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.985 ug/l

RT: 14.24 min Scan# 3878

Delta R.T. -0.02 min

Lab File: VN060169.D

Acq: 20 Feb 2020 13:52

Instrument :

MSVOA_N

ClientSampleId :

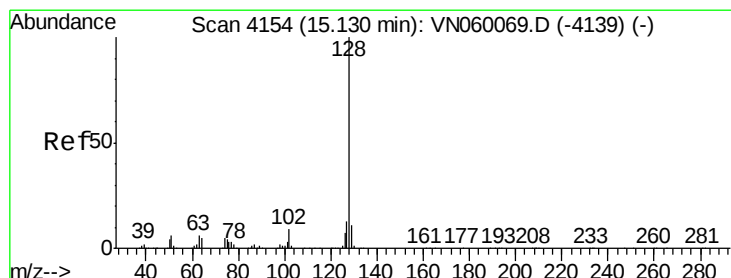
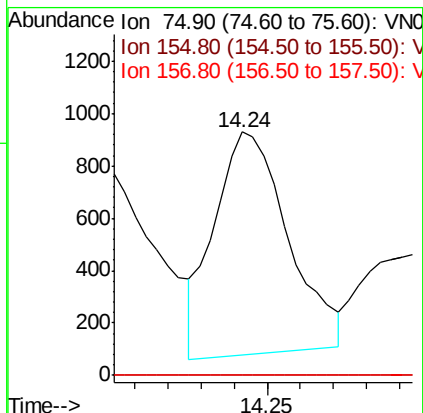
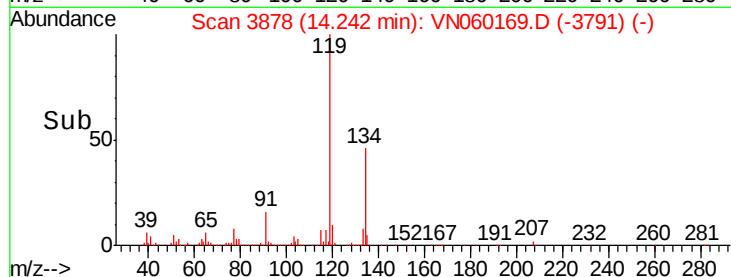
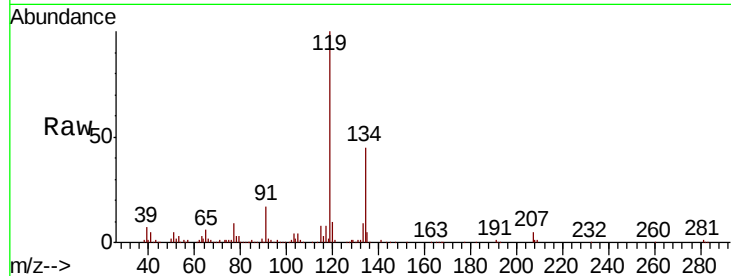
Tot Ion: 75 Resp: 1317

Ion Ratio Lower Upper

75 100

155 0.0 43.0 129.0#

157 0.0 54.9 164.5#



#95

Naphthalene

Concen: 16.904 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN060169.D

Acq: 20 Feb 2020 13:52

Tgt Ion: 128 Resp: 142548

Ion Ratio Lower Upper

128 100

127 13.6 10.3 15.5

129 11.1 8.6 13.0

