

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062520\
 Data File : VN062111.D
 Acq On : 25 Jun 2020 15:16
 Operator : JC/MD
 Sample : L3071-03 100X
 Misc : 11.73g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-A

Quant Time: Jun 26 01:47:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	237225	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	435349	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	415807	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	170413	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	159800	48.00	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.00%	
35) Dibromofluoromethane	7.55	113	132533	47.45	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.90%	
50) Toluene-d8	10.06	98	547768	49.06	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.12%	
62) 4-Bromofluorobenzene	12.37	95	189968	50.36	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	347	Below Cal	#	41
11) Tert butyl alcohol	4.69	59	758	1.586	ug/l #	72
13) Acrolein	3.53	56	1078	2.304	ug/l #	1
14) Allyl chloride	4.37	41	2267	0.611	ug/l #	26
15) Acrylonitrile	4.99	53	496	0.381	ug/l #	34
16) Acetone	3.76	43	10933	6.517	ug/l #	51
17) Carbon Disulfide	4.00	76	1191	0.203	ug/l #	75
18) Methyl Acetate	4.48	43	23776	8.984	ug/l #	46
25) 2-Butanone	6.78	43	570	0.350	ug/l #	44
29) Tetrahydrofuran	7.34	42	382	0.358	ug/l #	1
30) Chloroform	7.28	83	3410	0.616	ug/l #	17
31) Cyclohexane	7.61	56	20944	4.554	ug/l #	73
36) 1,1-Dichloropropene	7.63	75	18913	4.322	ug/l #	47
38) Carbon Tetrachloride	7.62	117	23213	5.627	ug/l #	15
39) Methylcyclohexane	9.05	83	16155	3.369	ug/l	95
40) Benzene	8.00	78	2808	0.211	ug/l #	83
41) Methacrylonitrile	7.17	41	774	0.461	ug/l #	27
43) Isopropyl Acetate	8.11	43	3495	0.592	ug/l #	58
47) Bromodichloromethane	9.36	83	1842	0.409	ug/l #	26
48) Methyl methacrylate	9.18	41	3085	1.165	ug/l #	18
51) 4-Methyl-2-Pentanone	9.99	43	4802	1.391	ug/l #	63
52) Toluene	10.12	92	196780	24.180	ug/l	100
53) t-1,3-Dichloropropene	10.12	75	2281	0.460	ug/l #	1
55) 1,1,2-Trichloroethane	10.50	97	2847	0.890	ug/l #	16
58) 2-Chloroethyl Vinyl ether	9.63	63	67	16.137	ug/l #	46
59) 2-Hexanone	10.69	43	1519	0.610	ug/l #	21
67) Ethyl Benzene	11.48	91	216947	14.068	ug/l	99
68) m/p-Xylenes	11.59	106	338884	56.814	ug/l	100
69) o-Xylene	11.92	106	100719	17.897	ug/l	100
70) Styrene	11.92	104	4978	0.530	ug/l #	1
71) Bromoform	12.37	173	1587	0.707	ug/l #	1
73) Isopropylbenzene	12.22	105	87289	6.617	ug/l	100
74) N-amyl acetate	12.03	43	547	3.448	ug/l #	23
76) 1,2,3-Trichloropropane	12.37	75	93753	23.370	ug/l #	100

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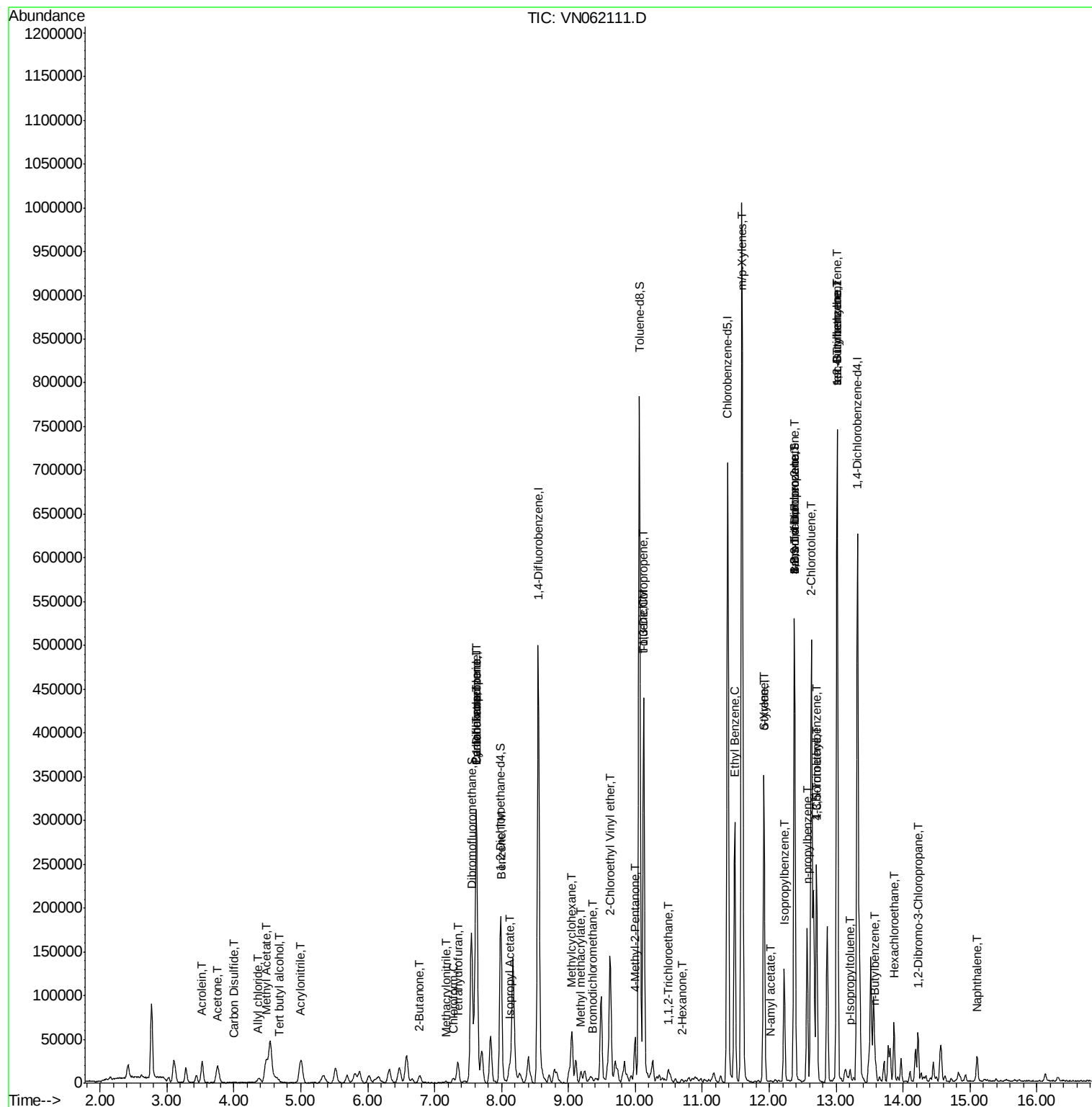
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) n-propylbenzene	12.57	91	139710	9.259	ug/l	99
79) 2-Chlorotoluene	12.63	91	35505	3.892	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.71	105	134493	12.577	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.37	75	93753	68.250	ug/l #	13
82) 4-Chlorotoluene	12.71	91	14915	1.581	ug/l #	41
83) tert-Butylbenzene	13.01	119	52072	5.690	ug/l #	67
84) 1,2,4-Trimethylbenzene	13.01	105	423414	39.645	ug/l	100
85) sec-Butylbenzene	13.01	105	423414	35.014	ug/l #	57
86) p-Isopropyltoluene	13.21	119	8609	0.813	ug/l	98
89) n-Butylbenzene	13.59	91	8606	0.977	ug/l #	62
90) Hexachloroethane	13.86	117	3831	1.843	ug/l #	17
92) 1,2-Dibromo-3-Chloropropan	14.23	75	358	0.509	ug/l #	3
95) Naphthalene	15.11	128	26435	6.989	ug/l	99

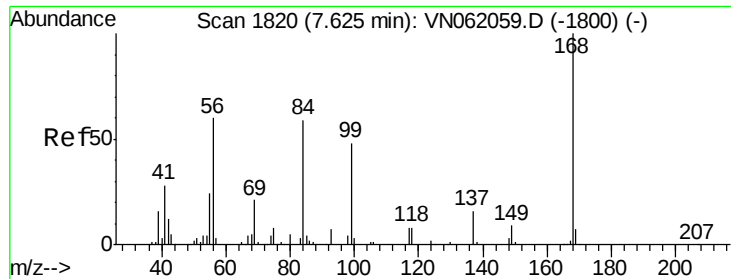
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062111.D

Acq: 25 Jun 2020 15:16

Instrument :

MSVOA_N

ClientSampleId :

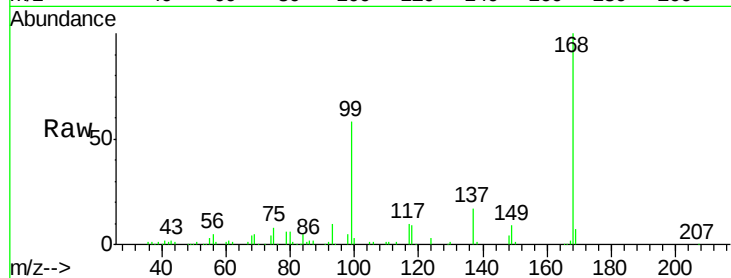
SB-A

Tgt Ion:168 Resp: 237225

Ion Ratio Lower Upper

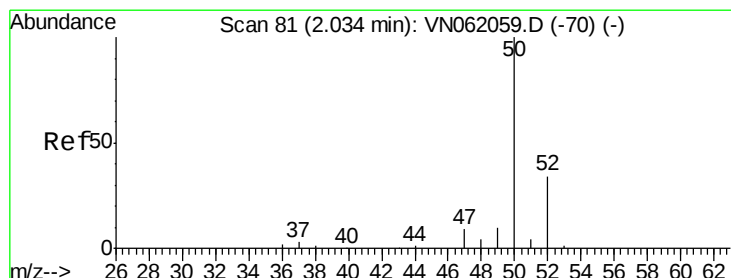
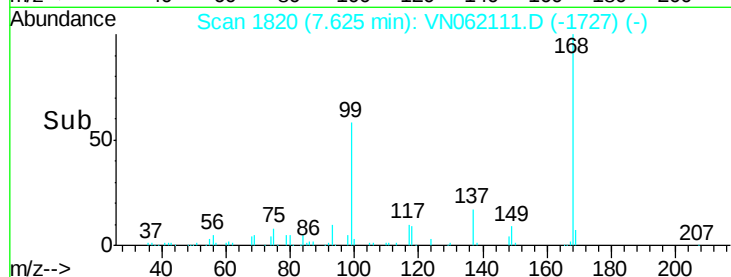
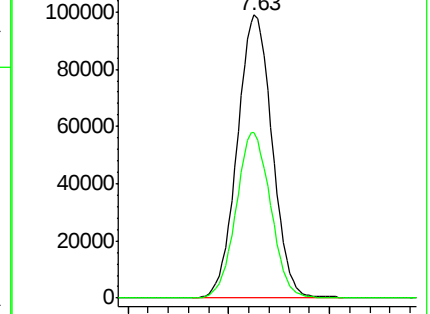
168 100

99 58.3 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#3

Chloromethane

Concen: Below Cal

RT: 2.03 min Scan# 80

Delta R.T. -0.00 min

Lab File: VN062111.D

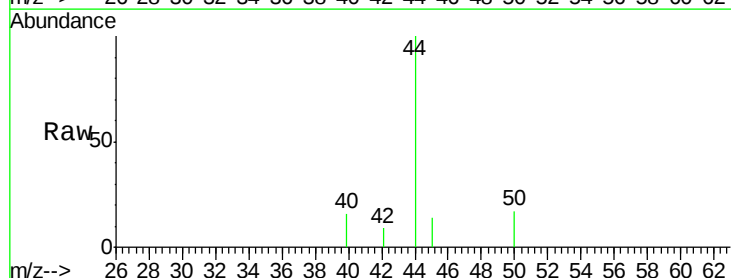
Acq: 25 Jun 2020 15:16

Tgt Ion: 50 Resp: 347

Ion Ratio Lower Upper

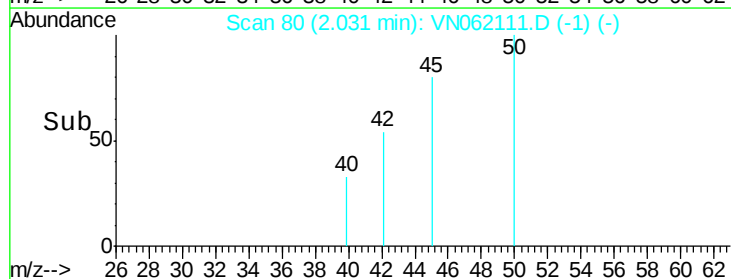
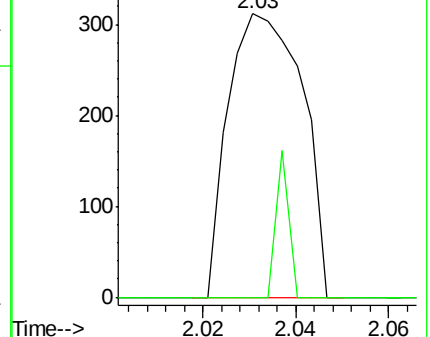
50 100

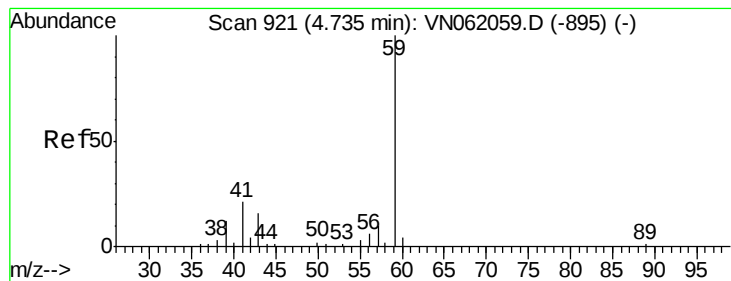
52 0.0 27.0 40.6#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



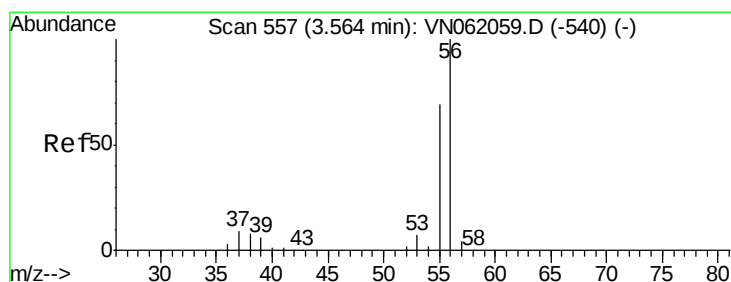
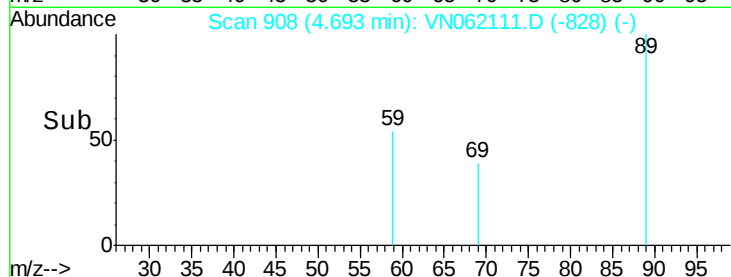
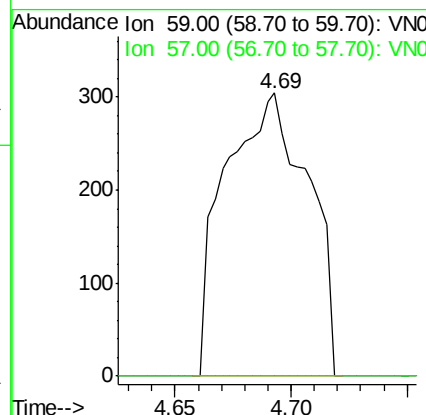
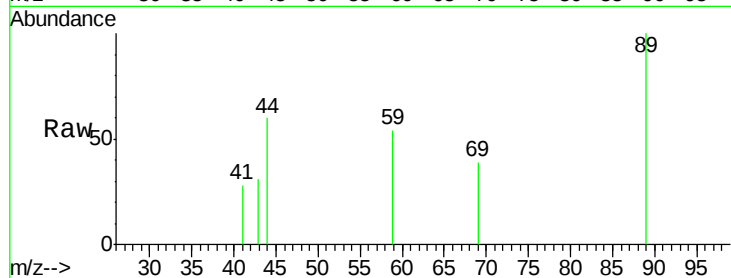


#11

Tert butyl alcohol
 Concen: 1.586 ug/l
 RT: 4.69 min Scan# 908
 Delta R.T. -0.04 min
 Lab File: VN062111.D
 Acq: 25 Jun 2020 15:16

Instrument :
 MSVOA_N
 ClientSampled :
 SB-A

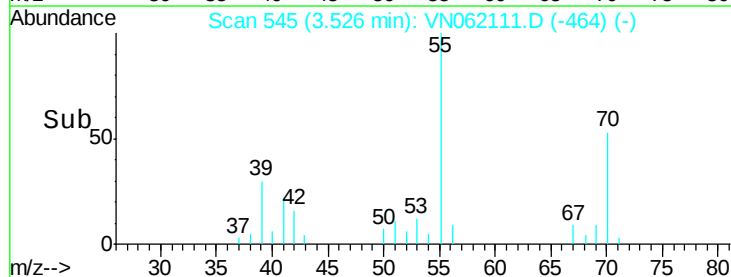
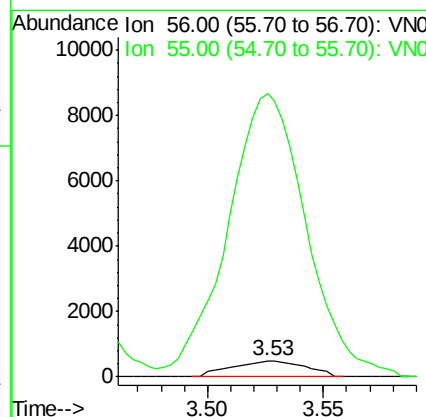
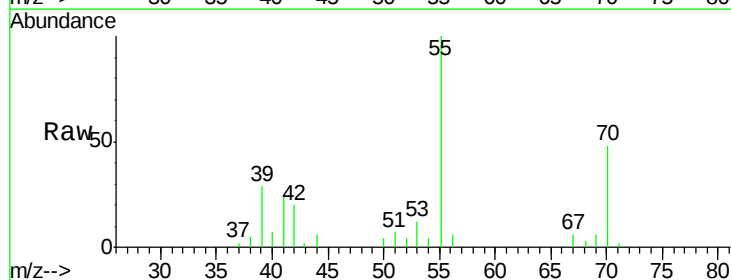
Tgt Ion: 59 Resp: 758
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

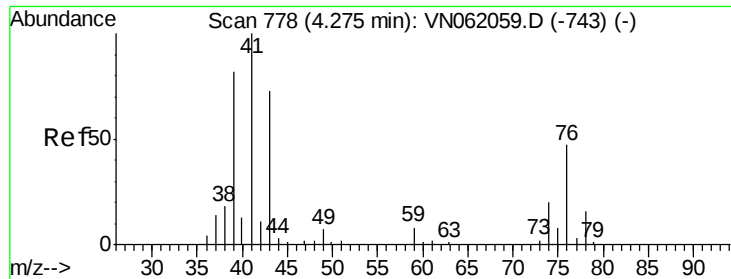


#13

Acrolein
 Concen: 2.304 ug/l
 RT: 3.53 min Scan# 545
 Delta R.T. -0.04 min
 Lab File: VN062111.D
 Acq: 25 Jun 2020 15:16

Tgt Ion: 56 Resp: 1078
 Ion Ratio Lower Upper
 56 100
 55 1900.4 55.5 83.3#

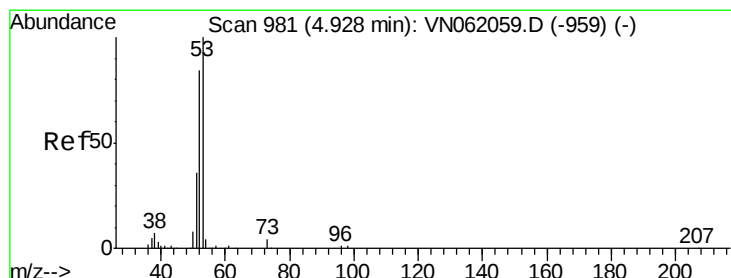
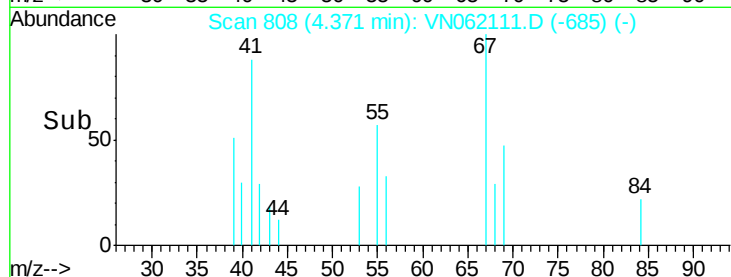
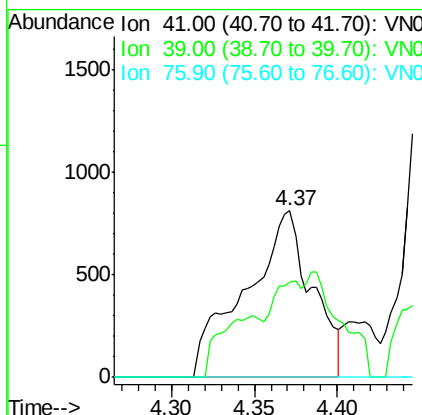
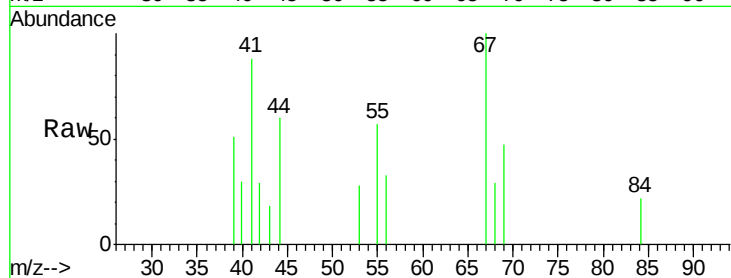




#14
 Allyl chloride
 Concen: 0.611 ug/l
 RT: 4.37 min Scan# 808
 Delta R.T. 0.10 min
 Lab File: VN062111.D
 Acq: 25 Jun 2020 15:16

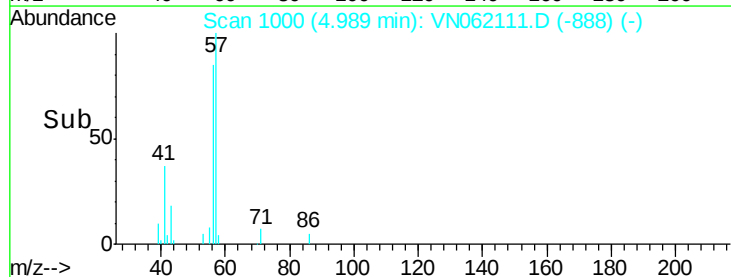
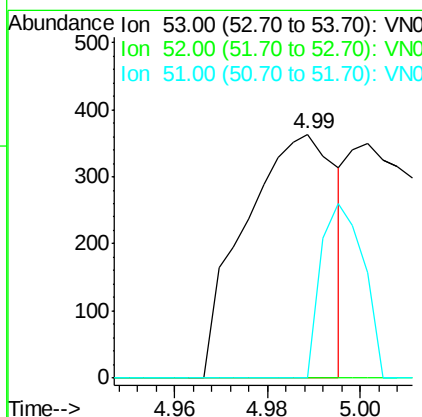
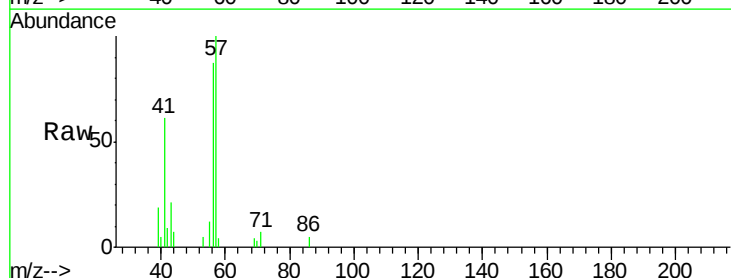
Instrument :
 MSVOA_N
 ClientSampled :
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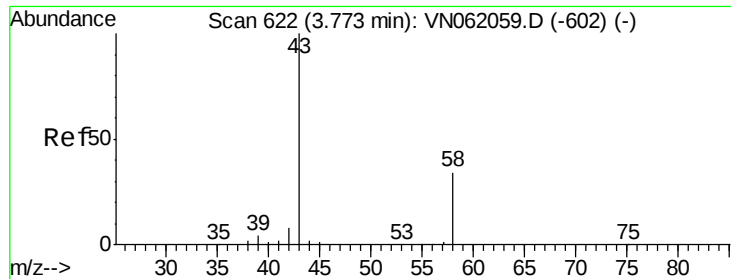
Tgt Ion: 41 Resp: 2267
 Ion Ratio Lower Upper
 41 100
 39 9.0 60.0 90.0#
 76 0.0 34.1 51.1#



#15
 Acrylonitrile
 Concen: 0.381 ug/l
 RT: 4.99 min Scan# 1000
 Delta R.T. 0.06 min
 Lab File: VN062111.D
 Acq: 25 Jun 2020 15:16

Tgt Ion: 53 Resp: 496
 Ion Ratio Lower Upper
 53 100
 52 0.0 66.2 99.4#
 51 33.1 28.9 43.3

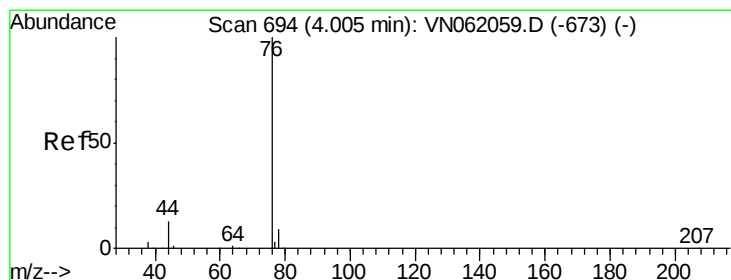
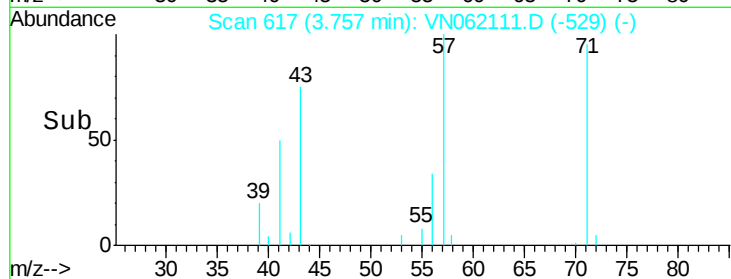
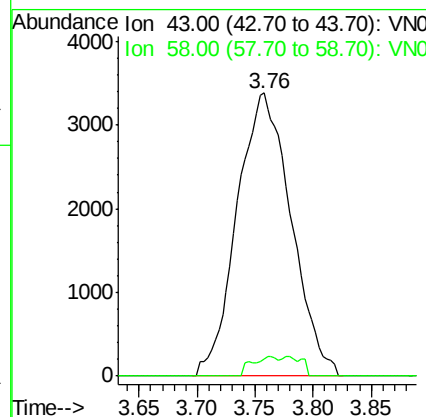
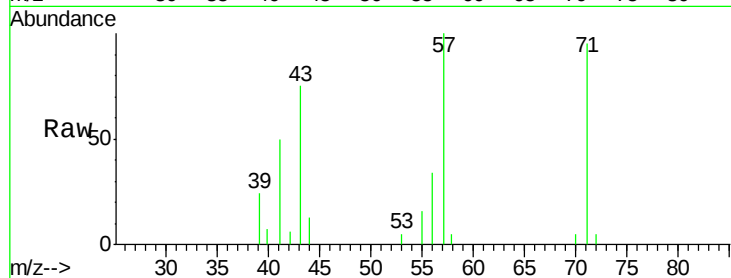




#16
Acetone
Concen: 6.517 ug/l
RT: 3.76 min Scan# 617
Delta R.T. -0.02 min
Lab File: VN062111.D
Acq: 25 Jun 2020 15:16

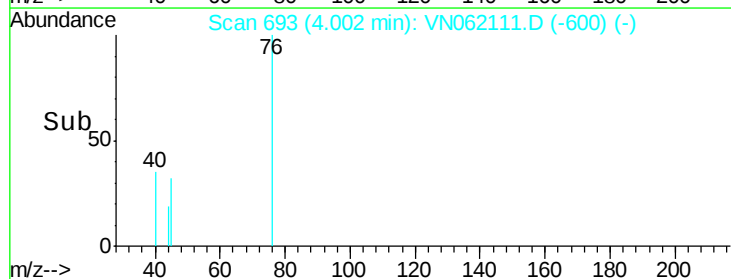
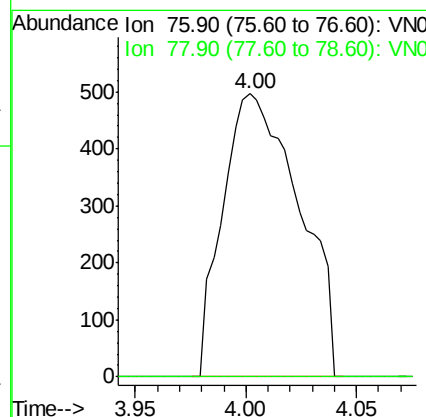
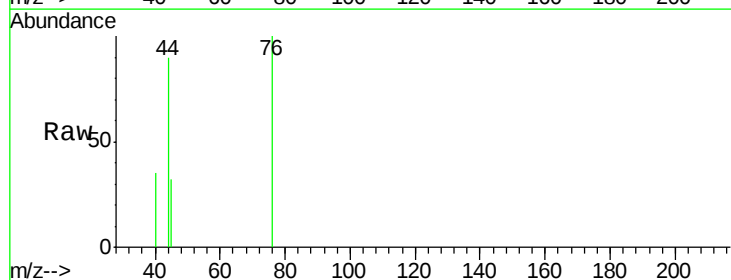
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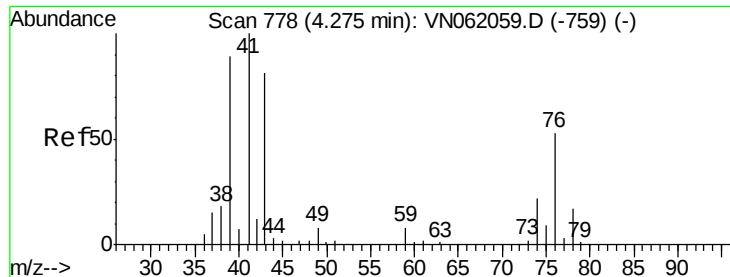
Tgt Ion: 43 Resp: 10933
Ion Ratio Lower Upper
43 100
58 6.1 27.5 41.3#



#17
Carbon Disulfide
Concen: 0.203 ug/l
RT: 4.00 min Scan# 693
Delta R.T. -0.00 min
Lab File: VN062111.D
Acq: 25 Jun 2020 15:16

Tgt Ion: 76 Resp: 1191
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

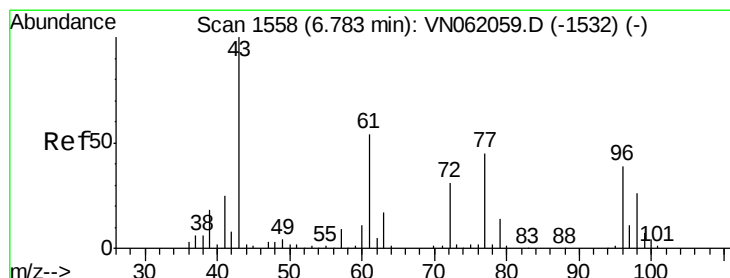
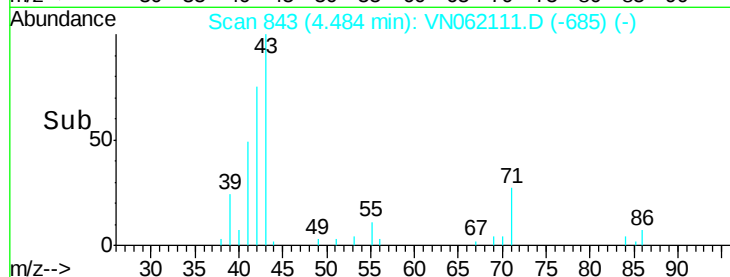
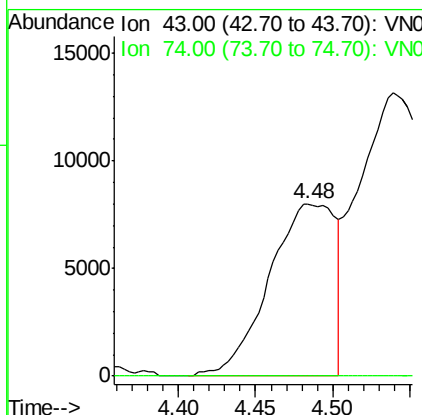
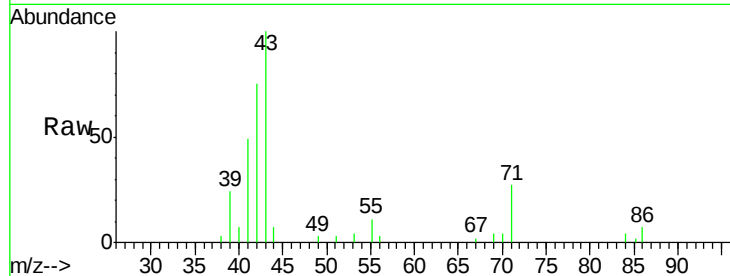




#18
Methyl Acetate
Concen: 8.984 ug/l
RT: 4.48 min Scan# 843
Delta R.T. 0.21 min
Lab File: VN062111.D
Acq: 25 Jun 2020 15:16

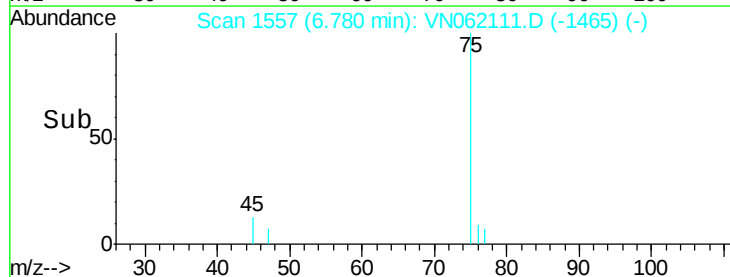
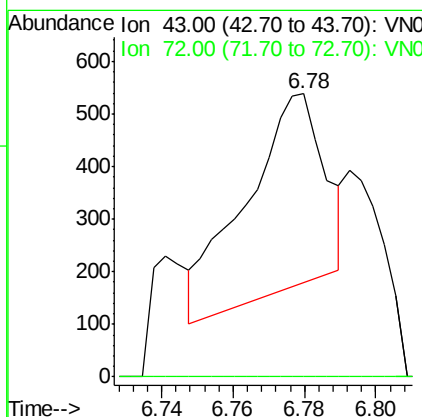
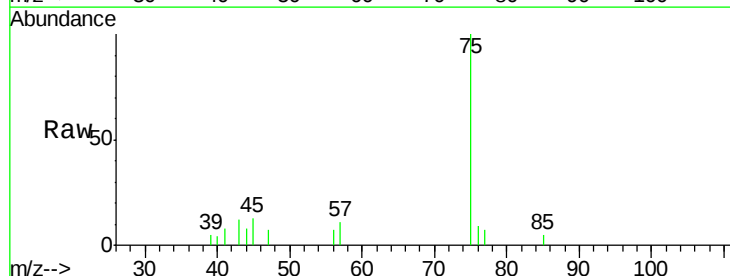
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ClientSampled :
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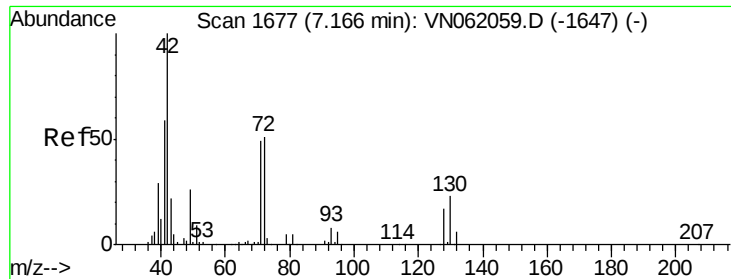
Tgt Ion: 43 Resp: 23776
Ion Ratio Lower Upper
43 100
74 0.0 22.9 34.3#



#25
2-Butanone
Concen: 0.350 ug/l
RT: 6.78 min Scan# 1557
Delta R.T. -0.00 min
Lab File: VN062111.D
Acq: 25 Jun 2020 15:16

Tgt Ion: 43 Resp: 570
Ion Ratio Lower Upper
43 100
72 0.0 24.8 37.2#

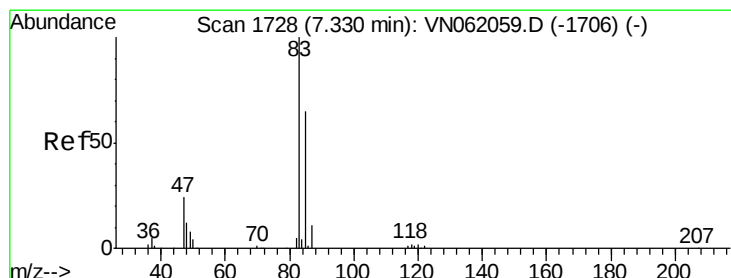
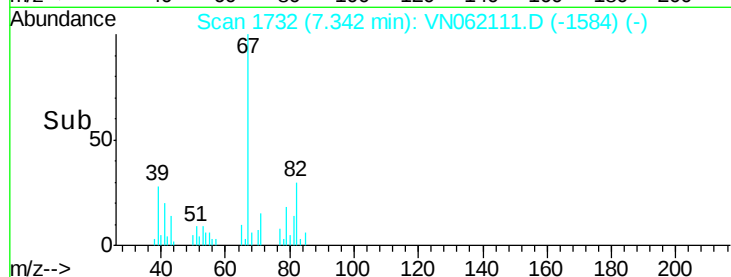
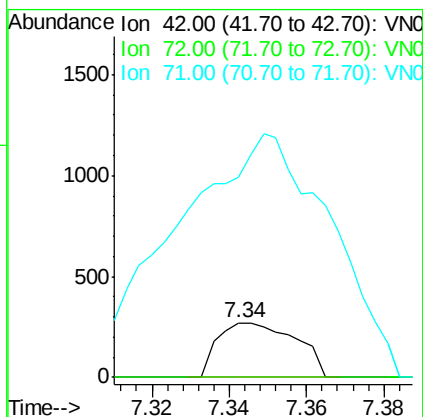
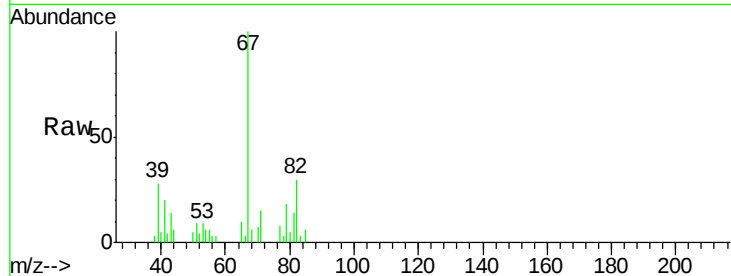




#29
Tetrahydrofuran
Concen: 0.358 ug/l
RT: 7.34 min Scan# 1732
Delta R.T. 0.18 min
Lab File: VN062111.D
Acq: 25 Jun 2020 15:16

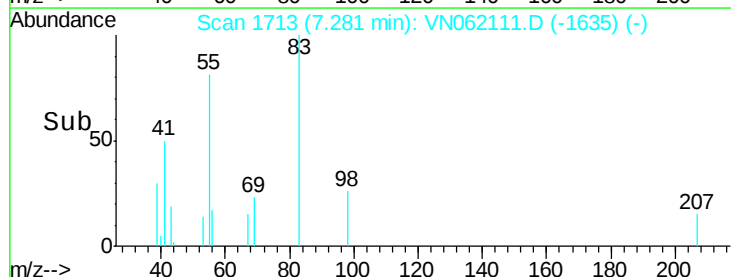
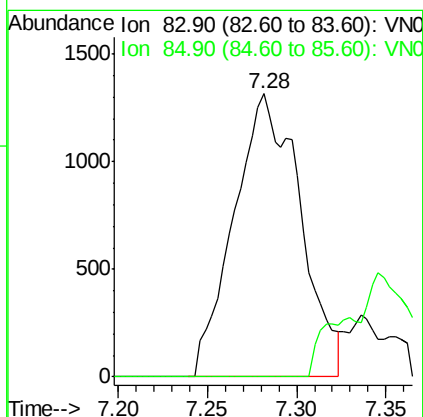
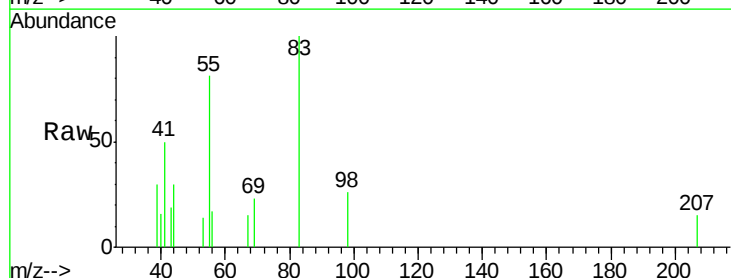
Instrument :
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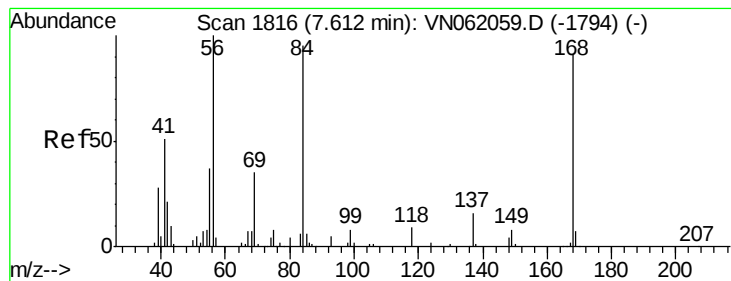
Tgt Ion: 42 Resp: 382
Ion Ratio Lower Upper
42 100
72 0.0 41.1 61.7#
71 901.3 38.2 57.4#



#30
Chloroform
Concen: 0.616 ug/l
RT: 7.28 min Scan# 1713
Delta R.T. -0.05 min
Lab File: VN062111.D
Acq: 25 Jun 2020 15:16

Tgt Ion: 83 Resp: 3410
Ion Ratio Lower Upper
83 100
85 0.0 52.3 78.5#





#31

Cyclohexane

Concen: 4.554 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VN062111.D

Acq: 25 Jun 2020 15:16

Instrument :

MSVOA_N

ClientSampleId :

SB-A

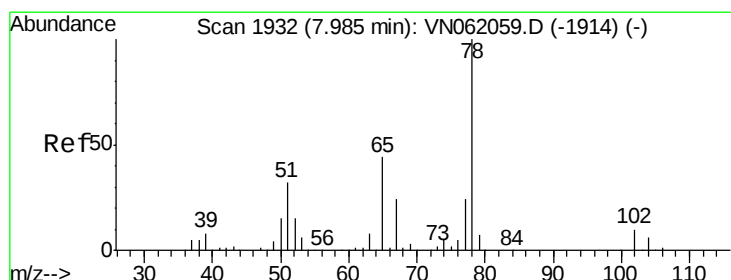
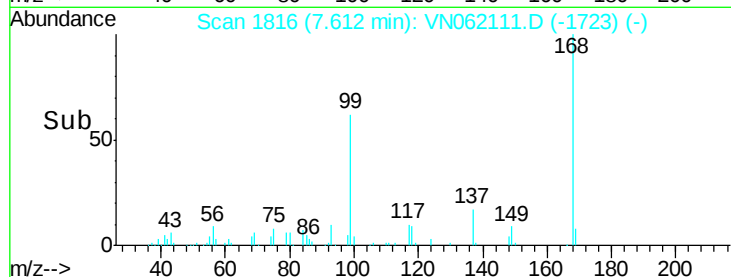
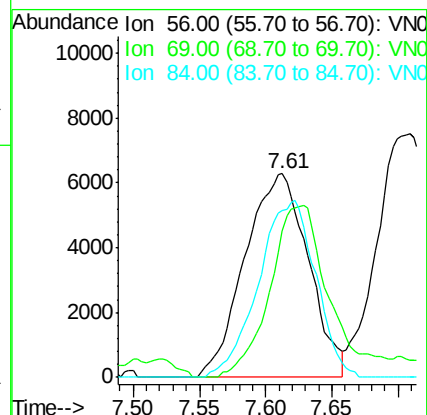
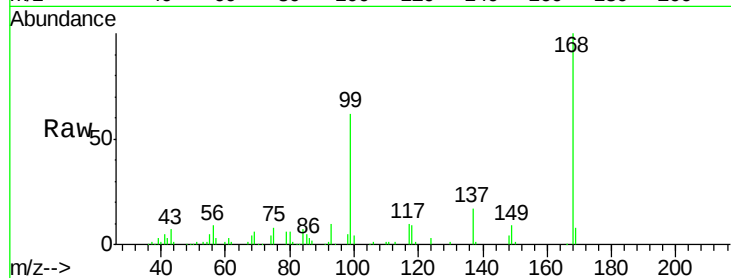
Tgt Ion: 56 Resp: 20944

Ion Ratio Lower Upper

56 100

69 71.6 28.0 42.0#

84 82.0 76.1 114.1



#33

1,2-Dichloroethane-d4

Concen: 48.001 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. 0.00 min

Lab File: VN062111.D

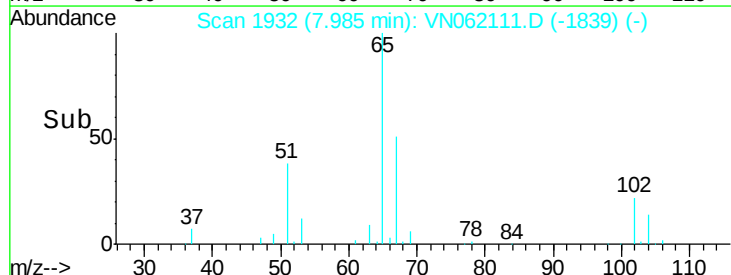
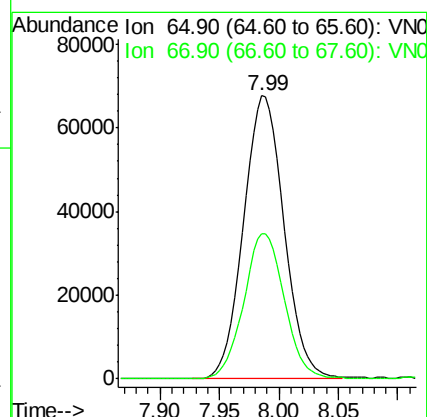
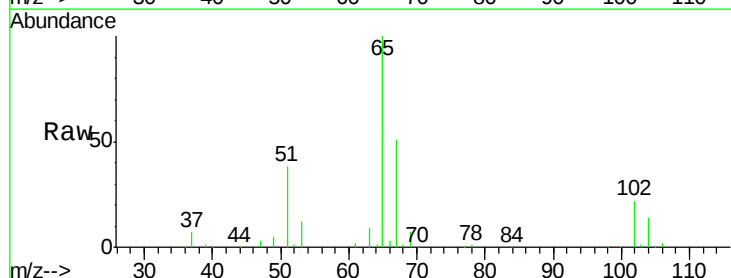
Acq: 25 Jun 2020 15:16

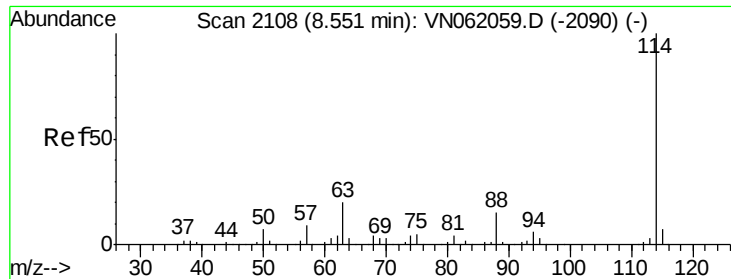
Tgt Ion: 65 Resp: 159800

Ion Ratio Lower Upper

65 100

67 51.6 0.0 106.2

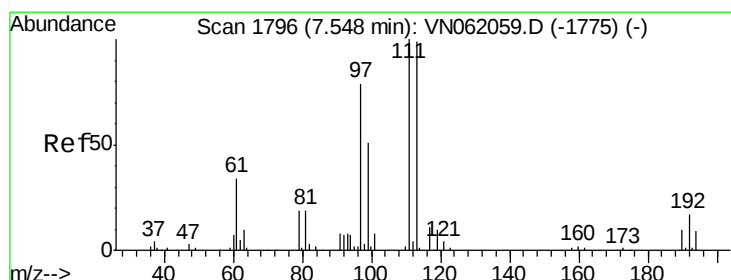
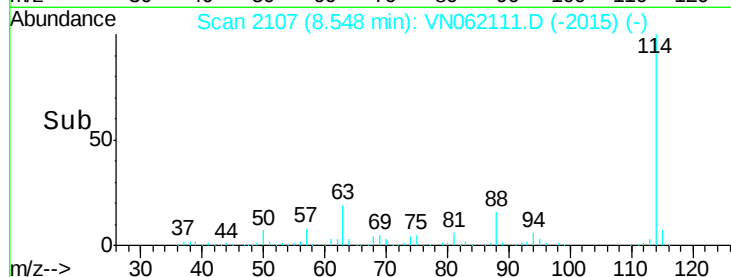
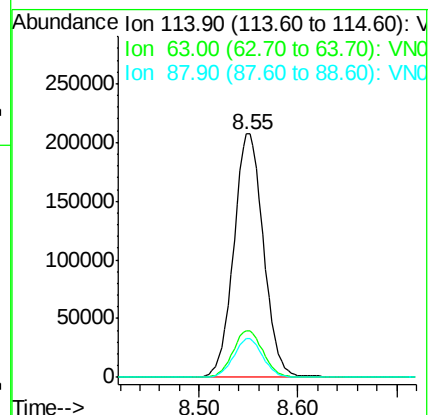
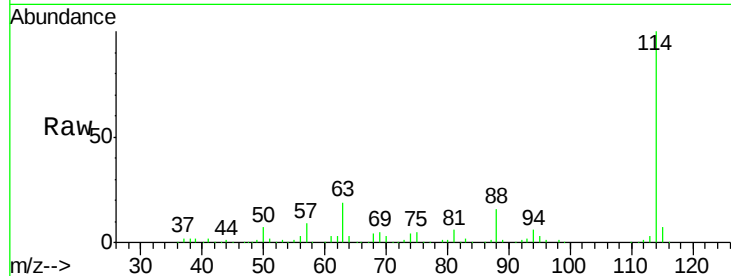




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062111.D
 Acq: 25 Jun 2020 15:16

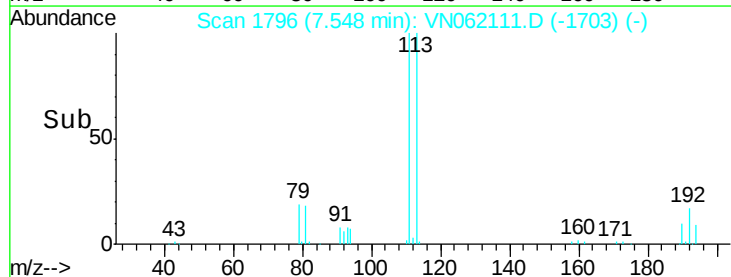
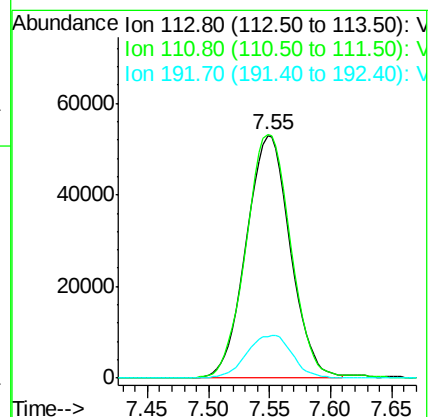
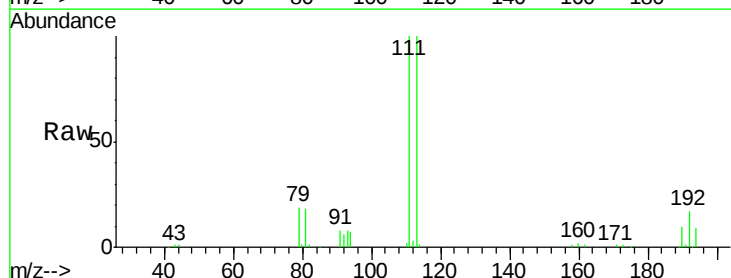
Instrument :
 MSVOA_N
 ClientSampled :
 SB-A

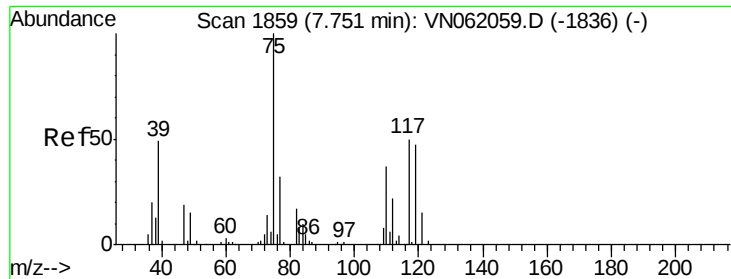
Tgt Ion:114 Resp: 435349
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.2
 88 15.9 0.0 30.8



#35
 Dibromofluoromethane
 Concen: 47.452 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN062111.D
 Acq: 25 Jun 2020 15:16

Tgt Ion:113 Resp: 132533
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.2 123.4
 192 18.2 14.0 21.0

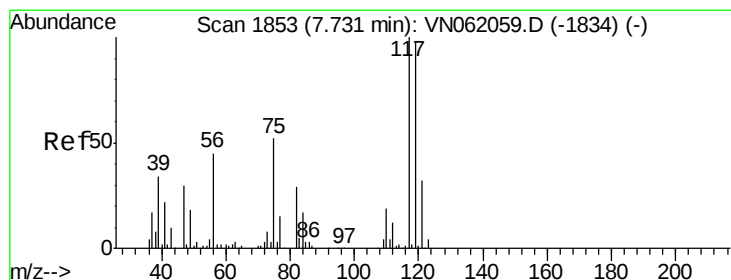
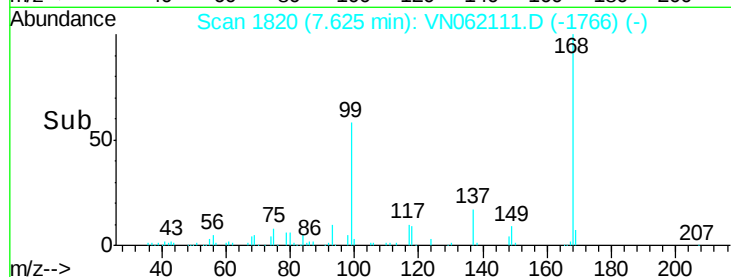
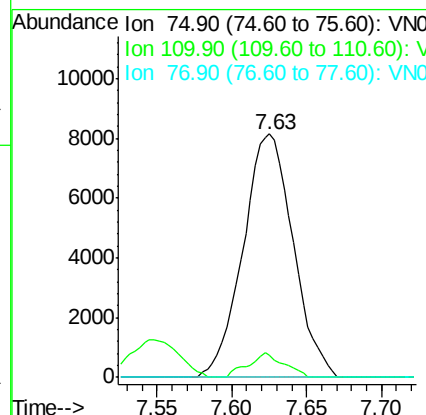
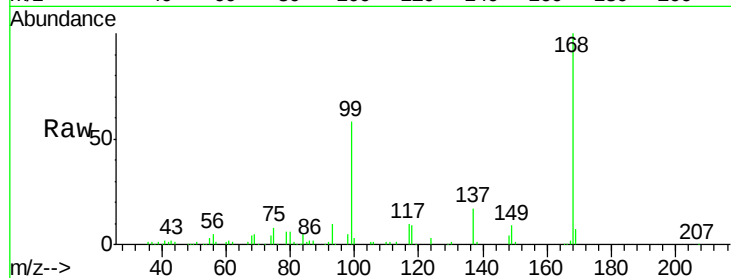




#36
 1,1-Dichloropropene
 Concen: 4.322 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN062111.D
 Acq: 25 Jun 2020 15:16

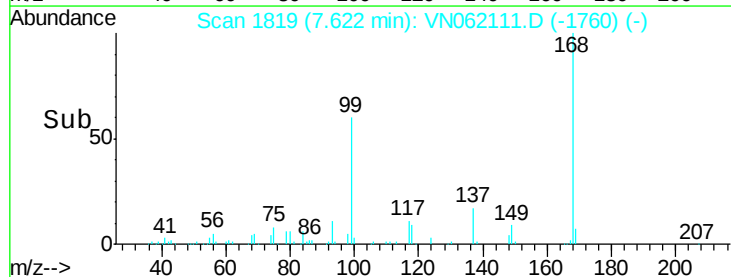
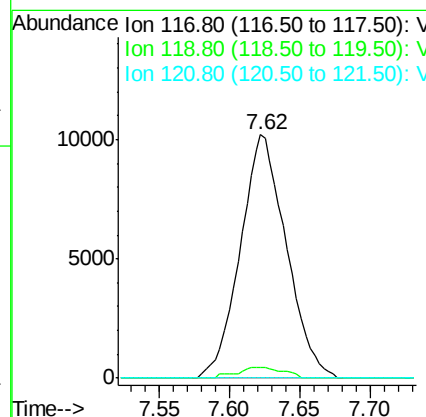
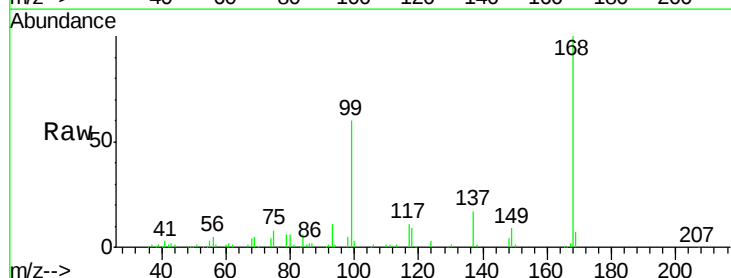
Instrument :
 MSVOA_N
 ClientSampleId :
 SB-A

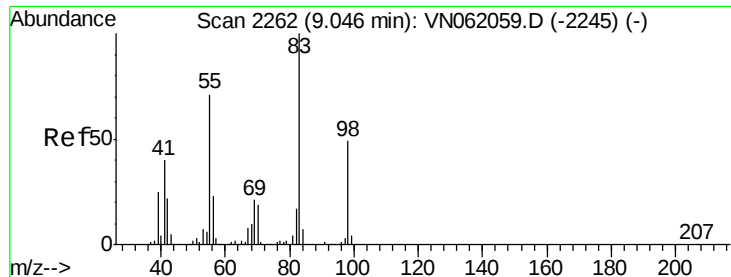
Tgt Ion: 75 Resp: 18913
 Ion Ratio Lower Upper
 75 100
 110 7.1 17.9 53.8#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 5.627 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.11 min
 Lab File: VN062111.D
 Acq: 25 Jun 2020 15:16

Tgt Ion: 117 Resp: 23213
 Ion Ratio Lower Upper
 117 100
 119 4.6 78.2 117.2#
 121 0.0 25.8 38.6#

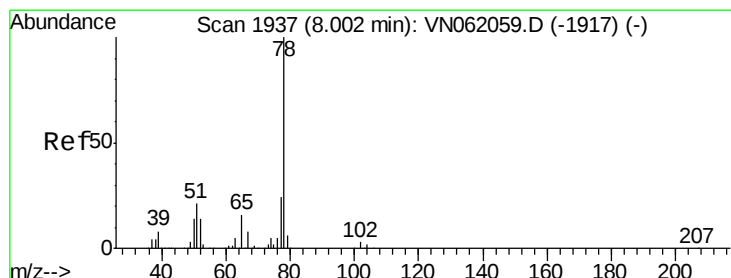
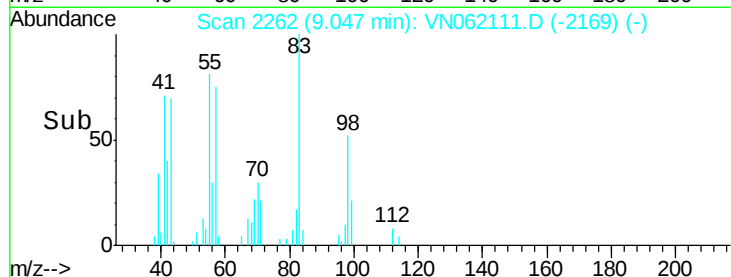
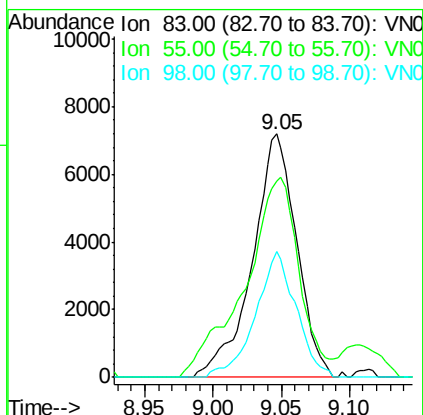
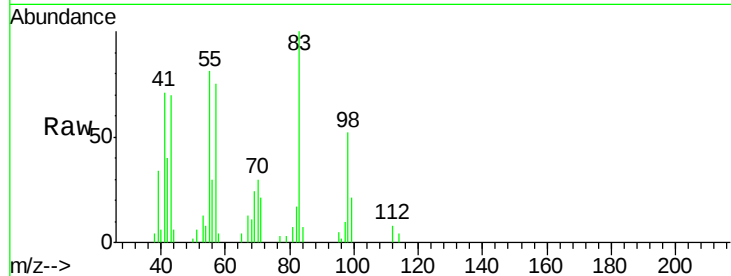




#39
Methylcyclohexane
Concen: 3.369 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN062111.D
Acq: 25 Jun 2020 15:16

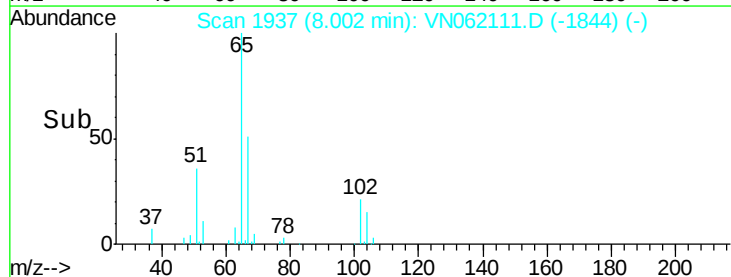
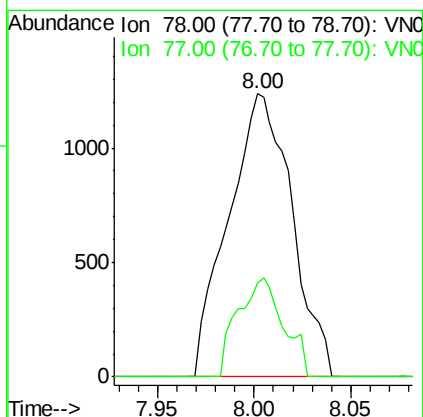
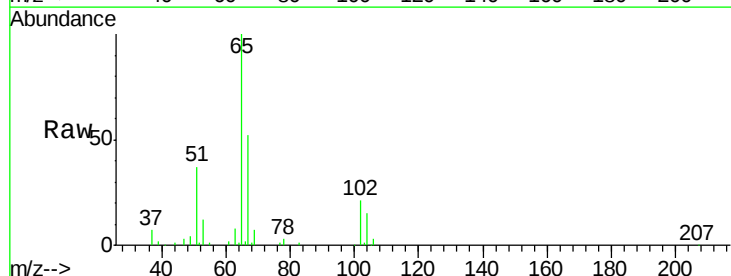
Instrument :
MSVOA_N
ClientSampled :
SB-A

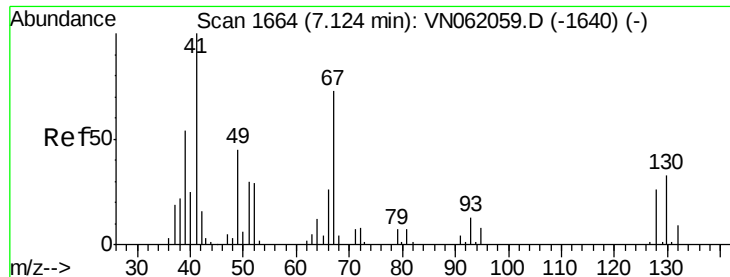
Tgt Ion: 83 Resp: 16155
Ion Ratio Lower Upper
83 100
55 76.6 57.0 85.6
98 51.5 39.0 58.6



#40
Benzene
Concen: 0.211 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN062111.D
Acq: 25 Jun 2020 15:16

Tgt Ion: 78 Resp: 2808
Ion Ratio Lower Upper
78 100
77 33.1 19.5 29.3#

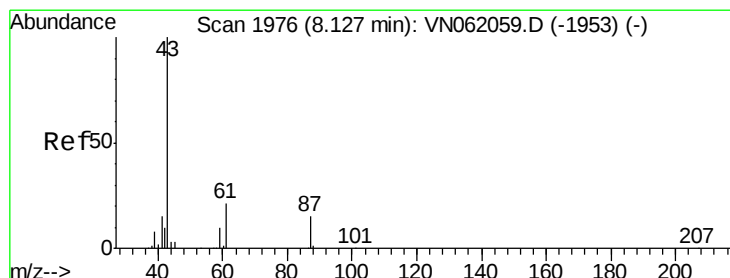
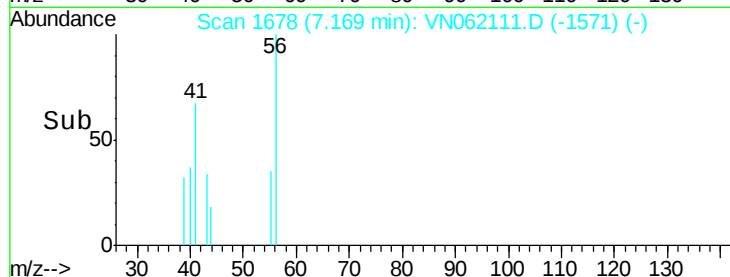
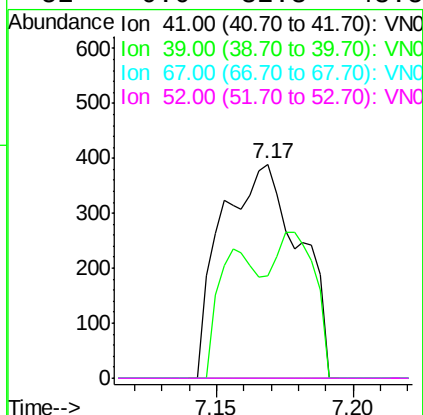
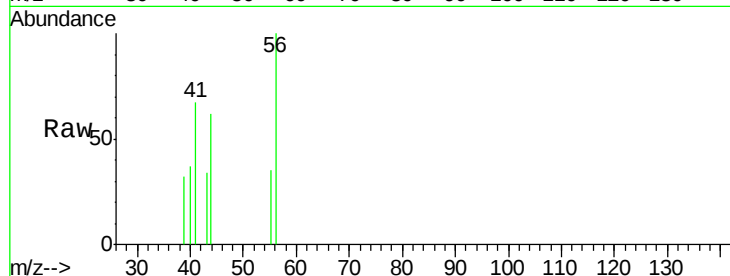




#41
Methacrylonitrile
Concen: 0.461 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.05 min
Lab File: VN062111.D
Acq: 25 Jun 2020 15:16

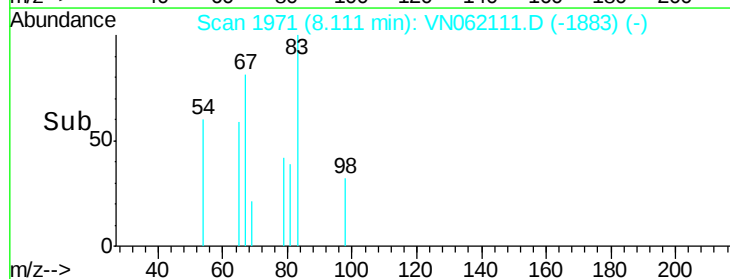
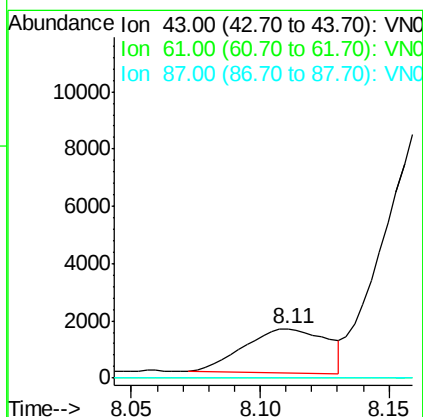
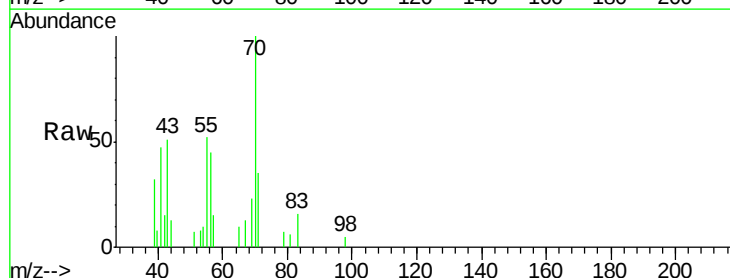
Instrument :
MSVOA_N
ClientSampleId :
SB-A

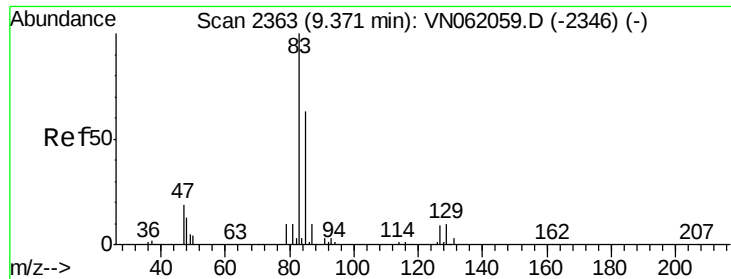
Tgt Ion:	41	Resp:	774
Ion	Ratio	Lower	Upper
41	100		
39	34.2	44.2	66.2#
67	0.0	79.5	119.3#
52	0.0	32.3	48.5#



#43
Isopropyl Acetate
Concen: 0.592 ug/l
RT: 8.11 min Scan# 1971
Delta R.T. -0.02 min
Lab File: VN062111.D
Acq: 25 Jun 2020 15:16

Tgt Ion:	43	Resp:	3495
Ion	Ratio	Lower	Upper
43	100		
61	0.0	17.2	25.8#
87	0.0	12.1	18.1#





#47

Bromodichloromethane

Concen: 0.409 ug/l

RT: 9.36 min Scan# 2358

Delta R.T. -0.02 min

Lab File: VN062111.D

Acq: 25 Jun 2020 15:16

Instrument :

MSVOA_N

ClientSampled :

SB-A

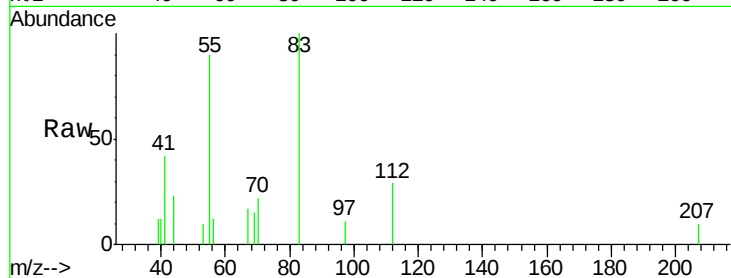
Tgt Ion: 83 Resp: 1842

Ion Ratio Lower Upper

83 100

85 0.0 50.3 75.5#

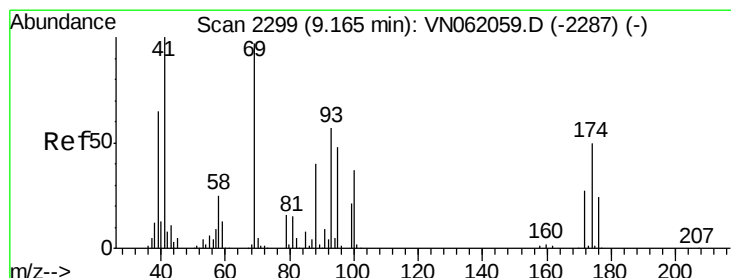
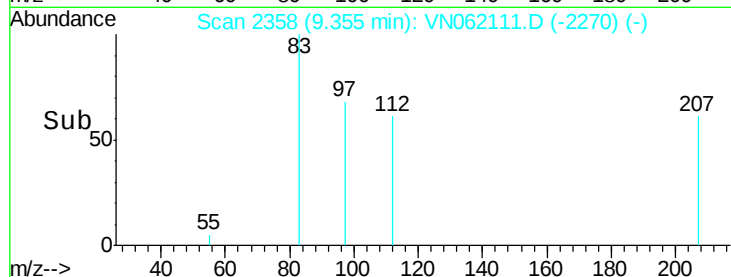
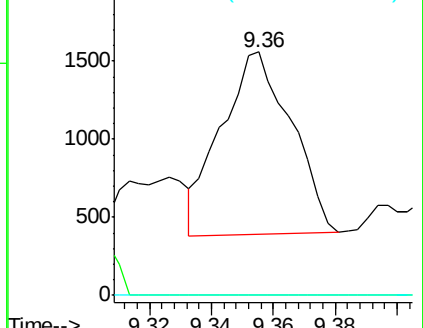
127 0.0 6.9 10.3#



Abundance Ion 82.90 (82.60 to 83.60): VN062111.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062111.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062111.D (-2270) (-)



#48

Methyl methacrylate

Concen: 1.165 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. 0.02 min

Lab File: VN062111.D

Acq: 25 Jun 2020 15:16

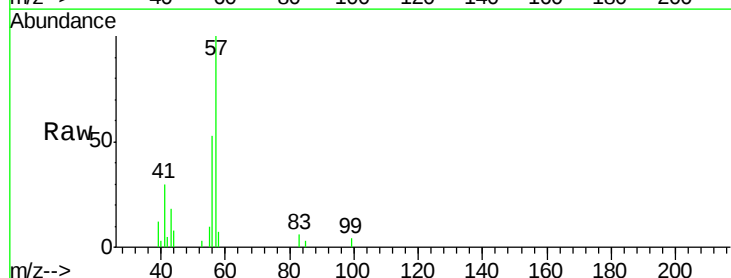
Tgt Ion: 41 Resp: 3085

Ion Ratio Lower Upper

41 100

69 0.0 80.7 121.1#

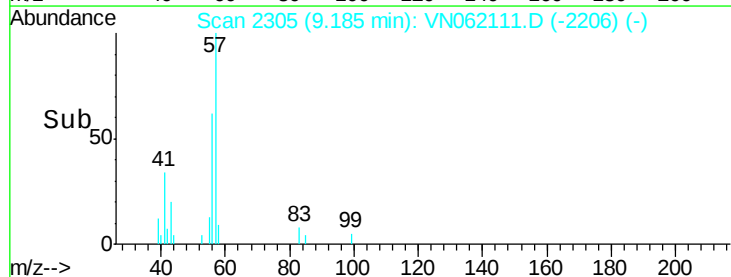
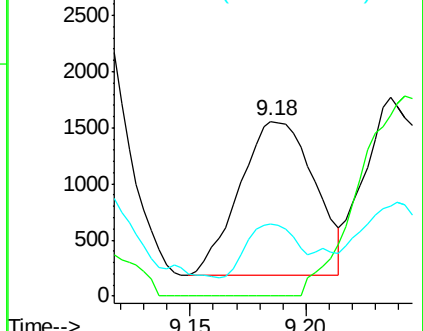
39 23.9 54.5 81.7#

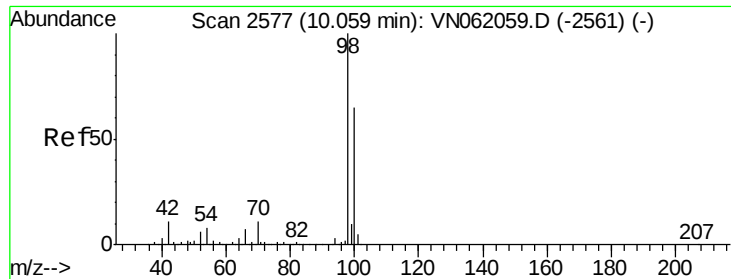


Abundance Ion 41.00 (40.70 to 41.70): VN062111.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062111.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062111.D (-2206) (-)





#50

Toluene-d8

Concen: 49.064 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062111.D

Acq: 25 Jun 2020 15:16

Instrument :

MSVOA_N

ClientSampled :

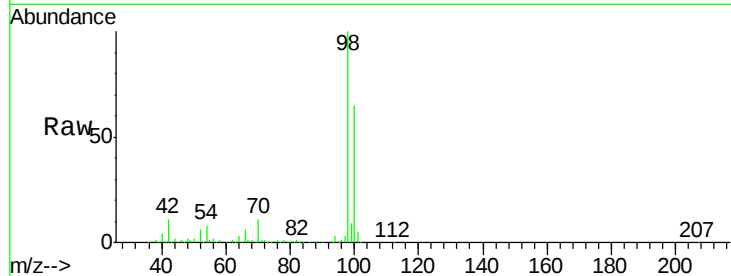
SB-A

Tgt Ion: 98 Resp: 547768

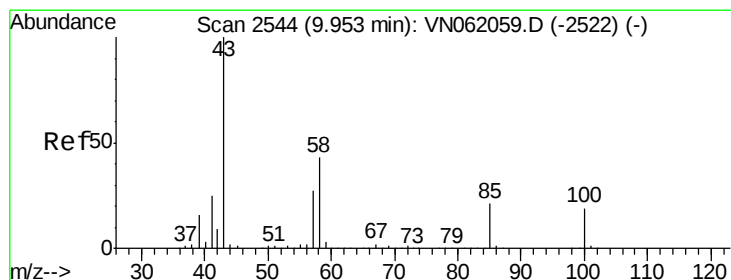
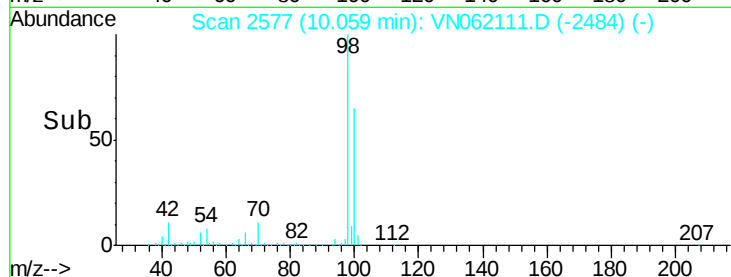
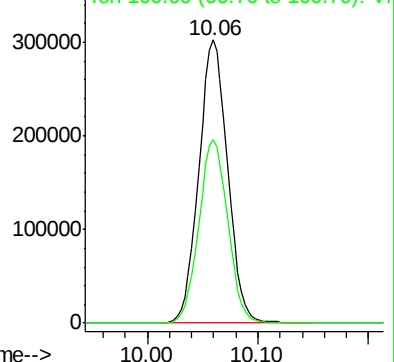
Ion Ratio Lower Upper

98 100

100 64.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN062111.D (-2484) (-)



#51

4-Methyl-2-Pentanone

Concen: 1.391 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.04 min

Lab File: VN062111.D

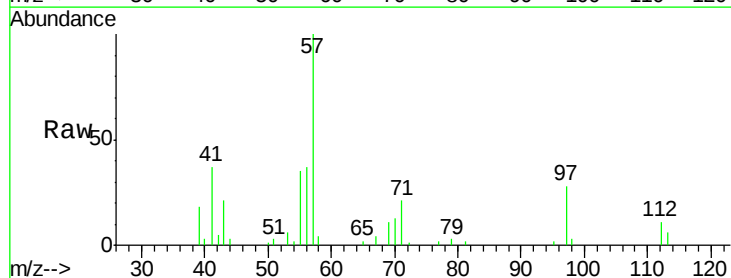
Acq: 25 Jun 2020 15:16

Tgt Ion: 43 Resp: 4802

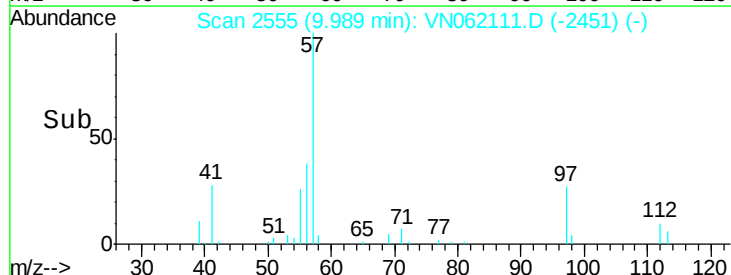
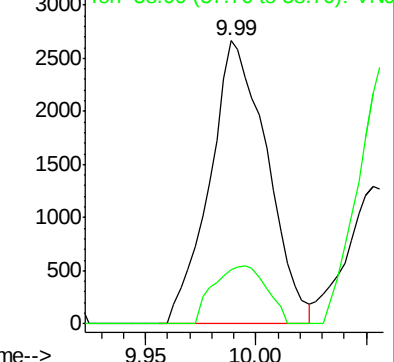
Ion Ratio Lower Upper

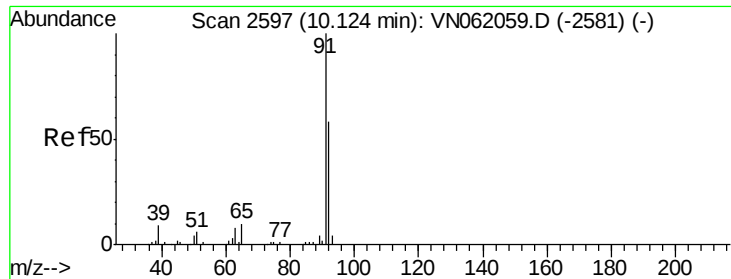
43 100

58 19.0 34.2 51.2#



Abundance Ion 43.00 (42.70 to 43.70): VN062111.D (-2451) (-)





#52

Toluene

Concen: 24.180 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. 0.00 min

Lab File: VN062111.D

Acq: 25 Jun 2020 15:16

Instrument :

MSVOA_N

ClientSampled :

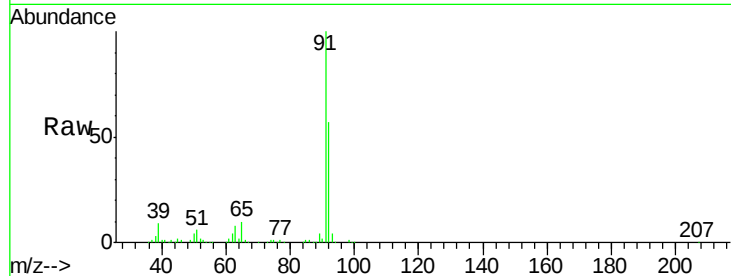
SB-A

Tgt Ion: 92 Resp: 196780

Ion Ratio Lower Upper

92 100

91 172.3 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VN062111.D (-2581) (-)

Ion 91.00 (90.70 to 91.70): VN062111.D (-2581) (-)

200000

150000

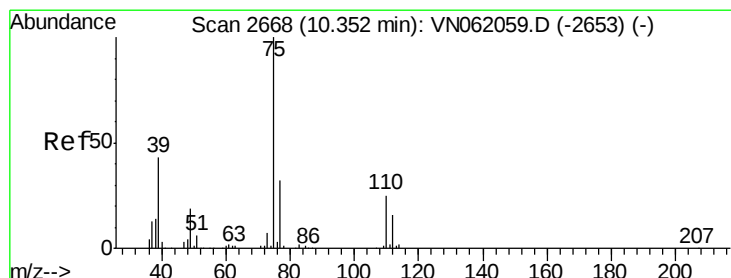
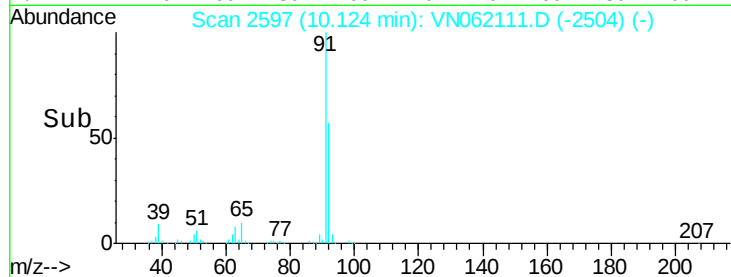
100000

50000

0

10.05 10.10 10.15 10.20

Time-->



#53

t-1,3-Dichloropropene

Concen: 0.460 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.23 min

Lab File: VN062111.D

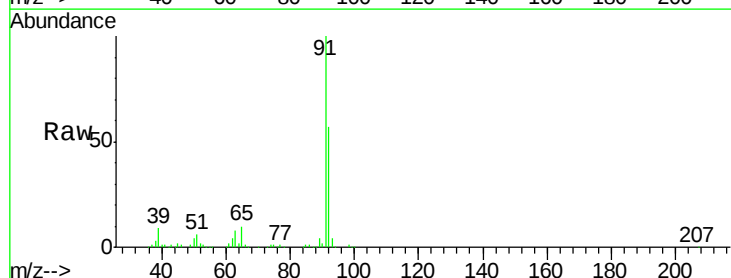
Acq: 25 Jun 2020 15:16

Tgt Ion: 75 Resp: 2281

Ion Ratio Lower Upper

75 100

77 169.0 25.5 38.3#



Abundance Ion 74.90 (74.60 to 75.60): VN062111.D (-2653) (-)

Ion 76.90 (76.60 to 77.60): VN062111.D (-2653) (-)

2500

2000

1500

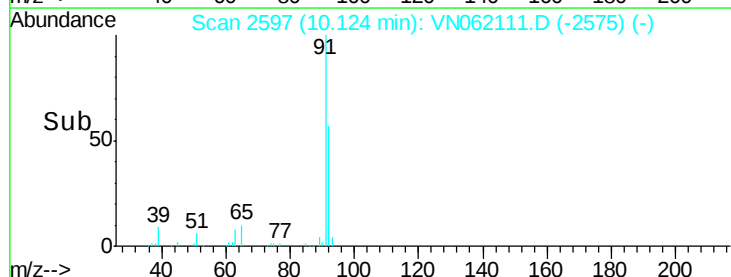
1000

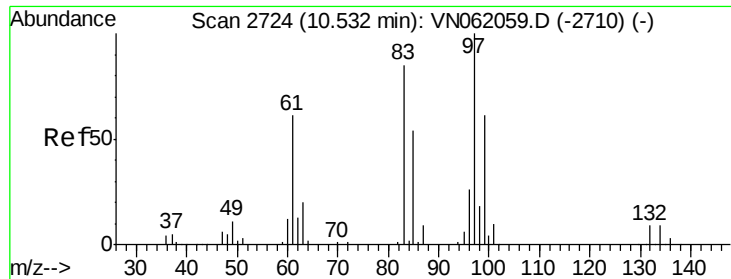
500

0

10.10 10.15

Time-->

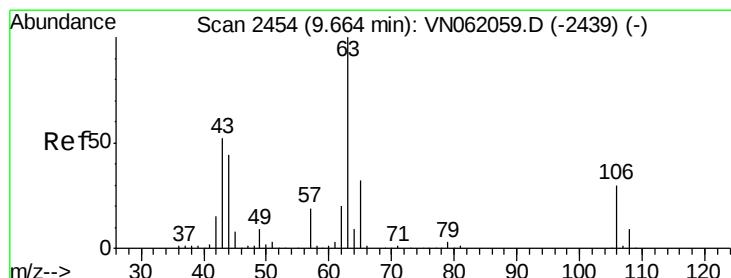
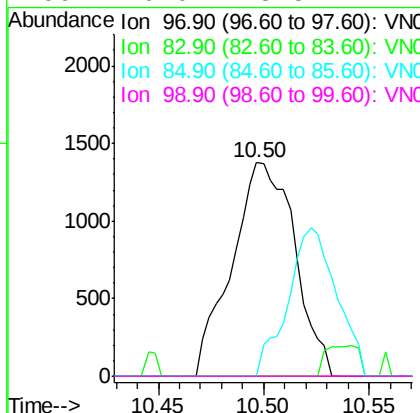
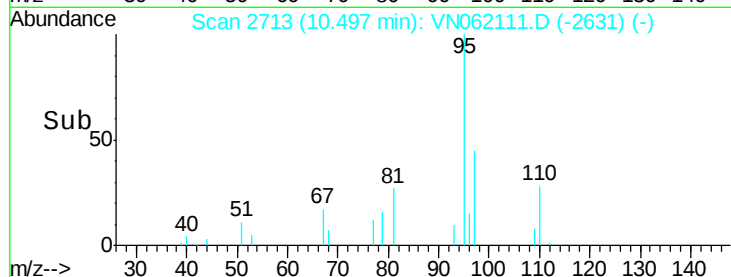
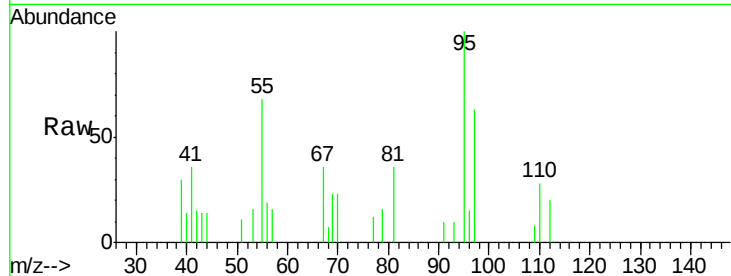




#55
 1,1,2-Trichloroethane
 Concen: 0.890 ug/l
 RT: 10.50 min Scan# 2713
 Delta R.T. -0.04 min
 Lab File: VN062111.D
 Acq: 25 Jun 2020 15:16

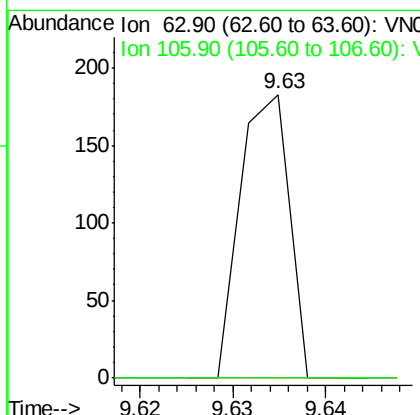
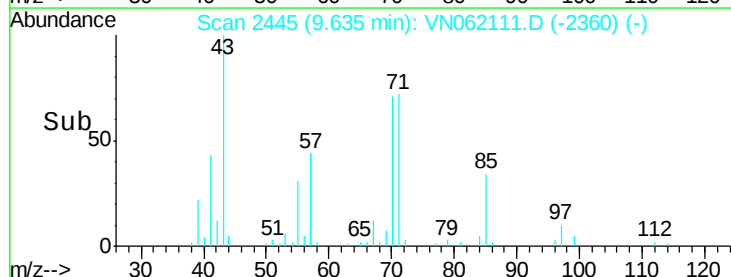
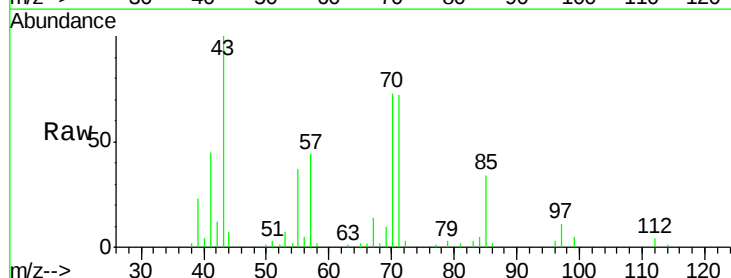
Instrument :
 MSVOA_N
 ClientSampled :
 SB-A

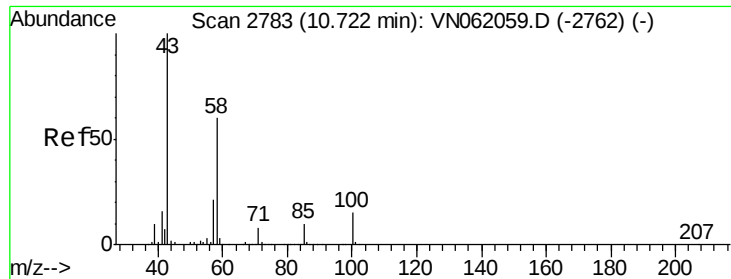
Tgt Ion: 97 Resp: 2847
 Ion Ratio Lower Upper
 97 100
 83 0.0 68.2 102.2#
 85 0.0 43.2 64.8#
 99 0.0 48.5 72.7#



#58
 2-Chloroethyl Vinyl ether
 Concen: 16.137 ug/l
 RT: 9.63 min Scan# 2445
 Delta R.T. -0.03 min
 Lab File: VN062111.D
 Acq: 25 Jun 2020 15:16

Tgt Ion: 63 Resp: 67
 Ion Ratio Lower Upper
 63 100
 106 0.0 23.2 34.8#





#59

2-Hexanone

Concen: 0.610 ug/l

RT: 10.69 min Scan# 2774

Delta R.T. -0.03 min

Lab File: VN062111.D

Acq: 25 Jun 2020 15:16

Instrument :

MSVOA_N

ClientSampleId :

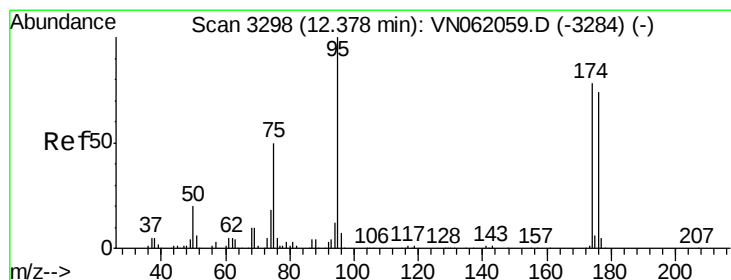
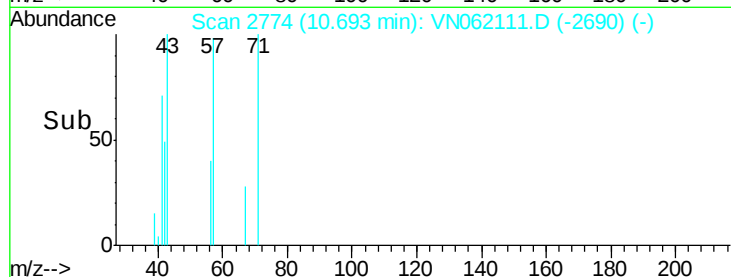
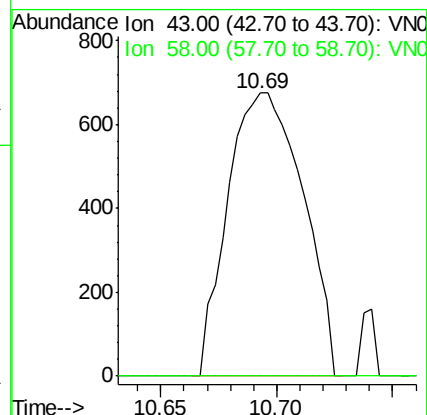
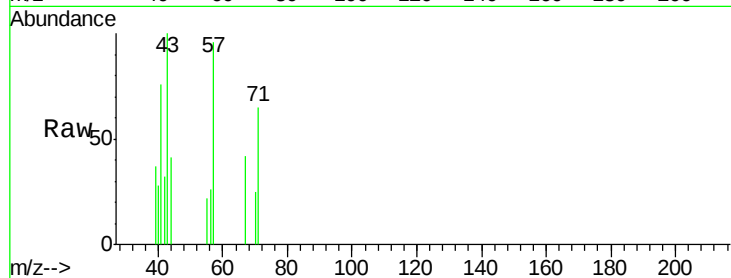
SB-A

Tgt Ion: 43 Resp: 1519

Ion Ratio Lower Upper

43 100

58 0.0 29.5 88.5#



#62

4-Bromofluorobenzene

Concen: 50.363 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN062111.D

Acq: 25 Jun 2020 15:16

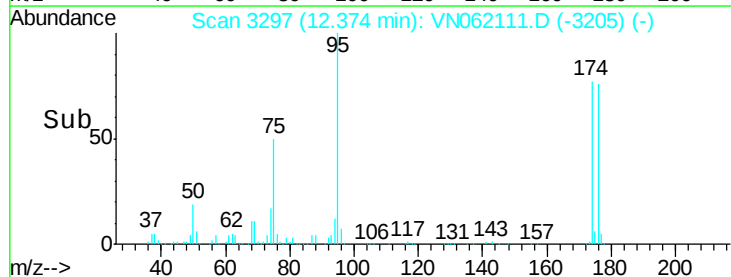
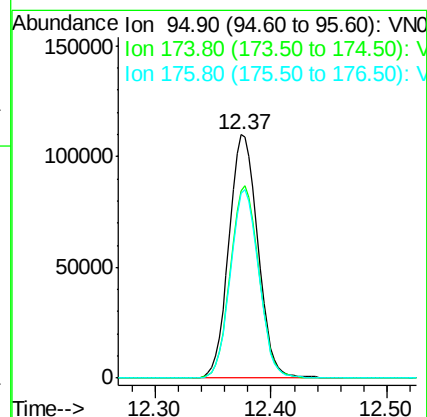
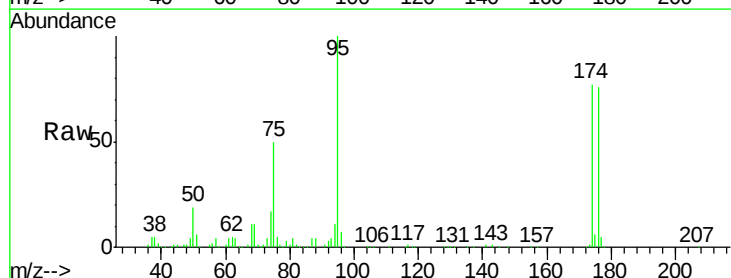
Tgt Ion: 95 Resp: 189968

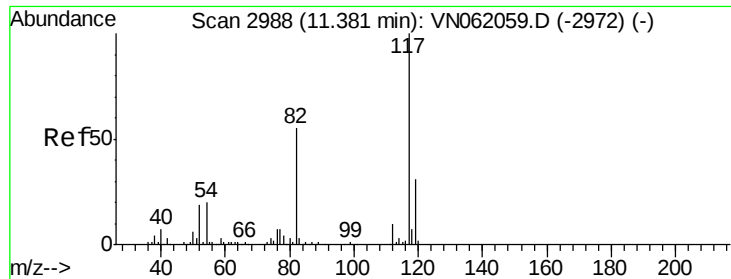
Ion Ratio Lower Upper

95 100

174 77.6 0.0 154.8

176 75.8 0.0 147.4

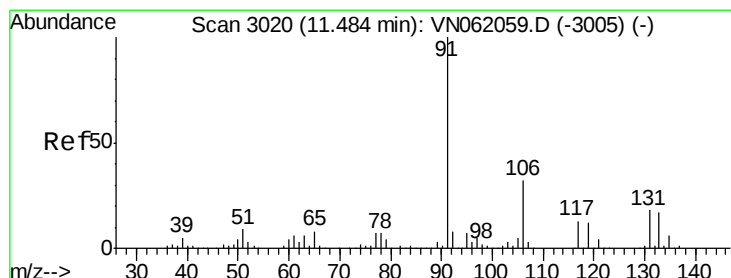
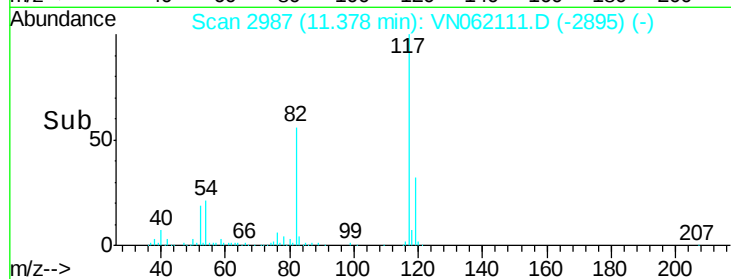
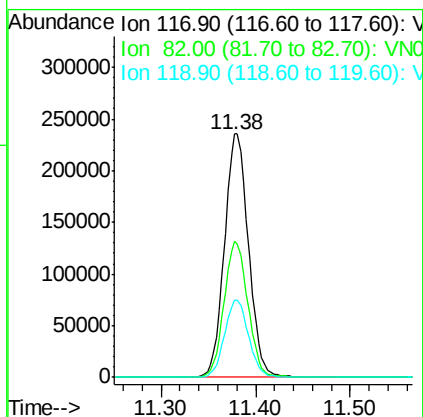
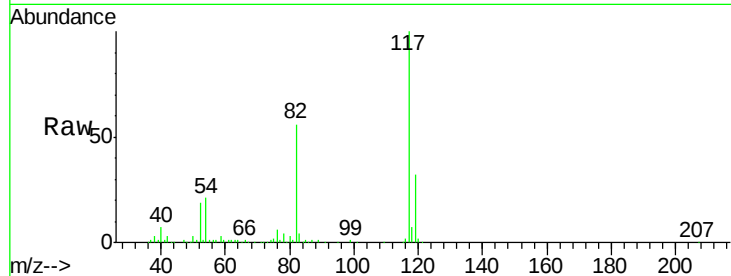




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN062111.D
Acq: 25 Jun 2020 15:16

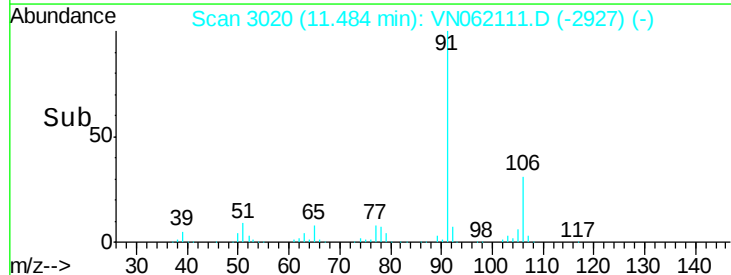
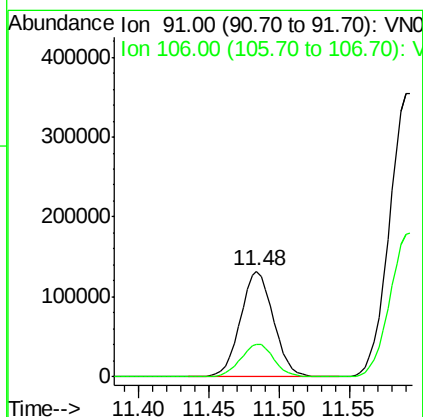
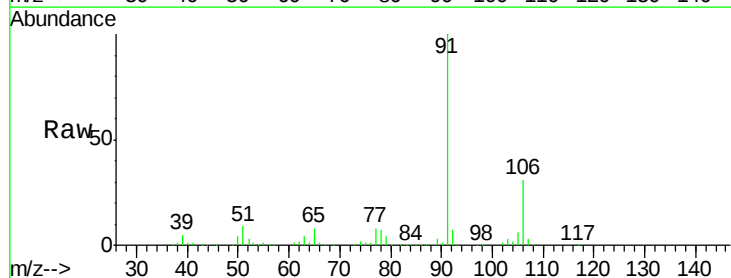
Instrument :
MSVOA_N
ClientSampled :
SB-A

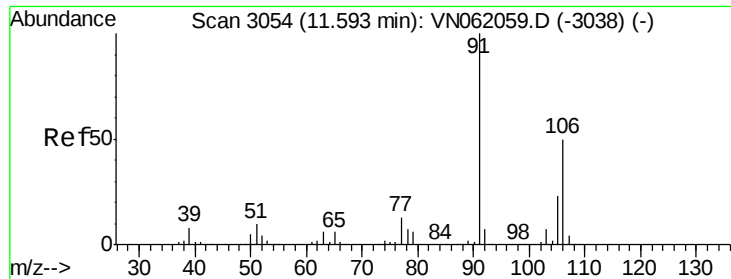
Tgt Ion:117 Resp: 415807
Ion Ratio Lower Upper
117 100
82 56.0 43.8 65.8
119 31.7 25.2 37.8



#67
Ethyl Benzene
Concen: 14.068 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062111.D
Acq: 25 Jun 2020 15:16

Tgt Ion: 91 Resp: 216947
Ion Ratio Lower Upper
91 100
106 31.3 25.3 37.9

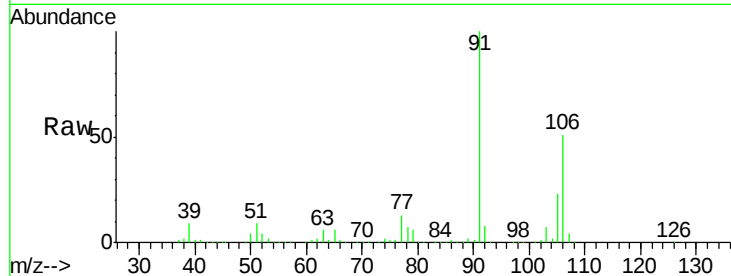




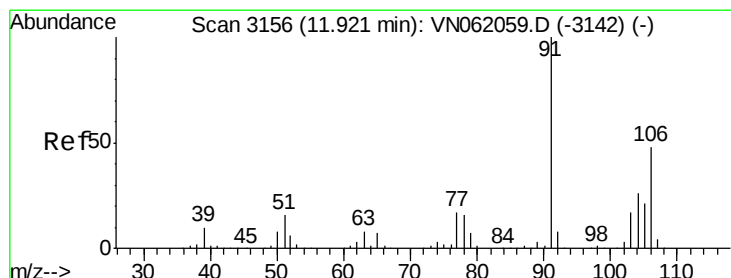
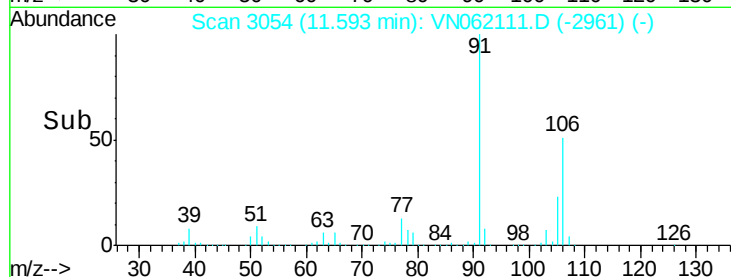
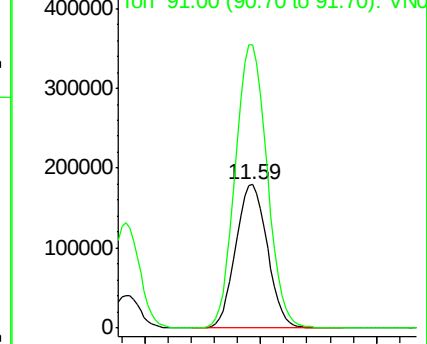
#68
m/p-Xylenes
Concen: 56.814 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN062111.D
Acq: 25 Jun 2020 15:16

Instrument :
MSVOA_N
ClientSampleId :
SB-A

Tgt Ion:106 Resp: 338884
Ion Ratio Lower Upper
106 100
91 198.0 157.8 236.8

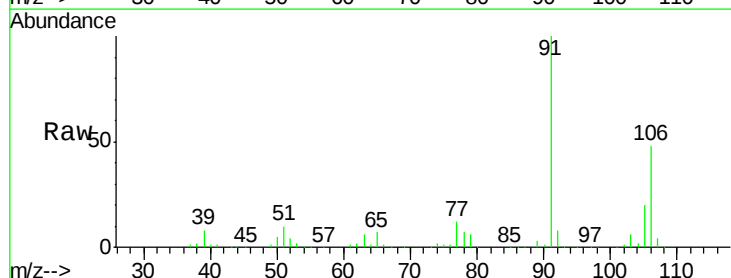


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

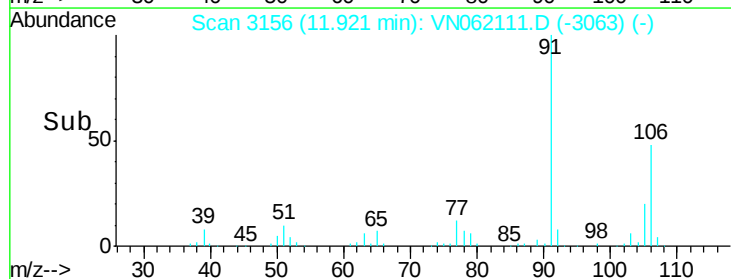
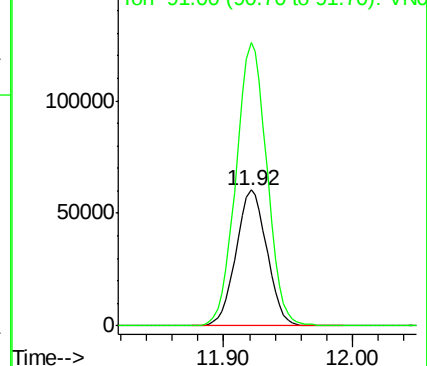


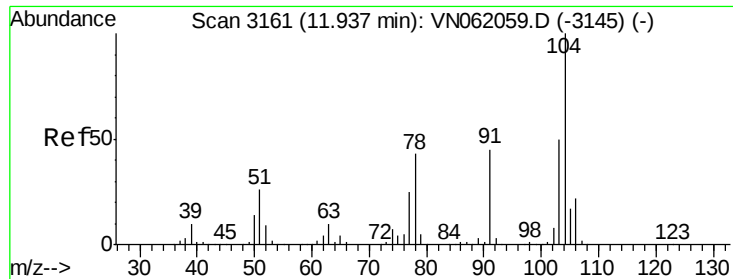
#69
o-Xylene
Concen: 17.897 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062111.D
Acq: 25 Jun 2020 15:16

Tgt Ion:106 Resp: 100719
Ion Ratio Lower Upper
106 100
91 208.4 104.0 311.9



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

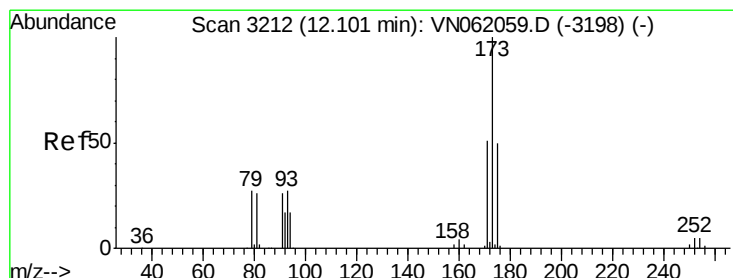
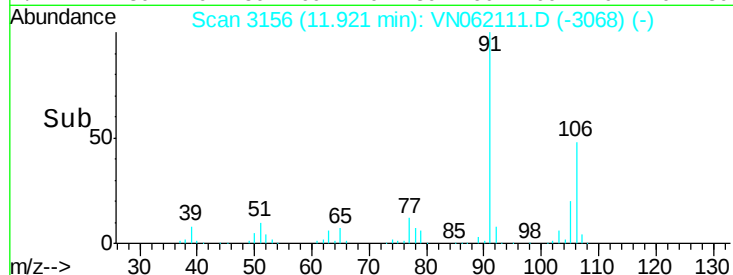
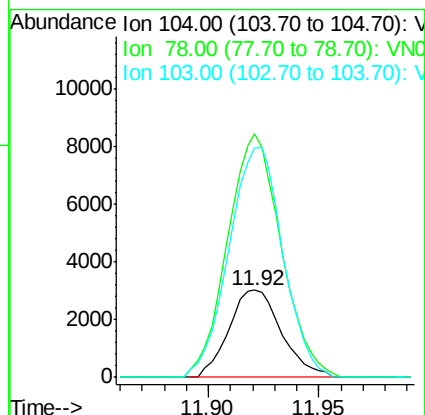
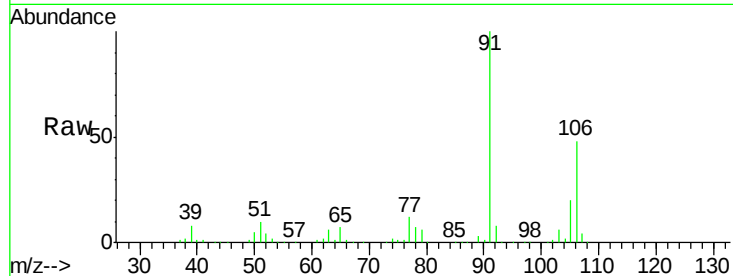




#70
Styrene
Concen: 0.530 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.02 min
Lab File: VN062111.D
Acq: 25 Jun 2020 15:16

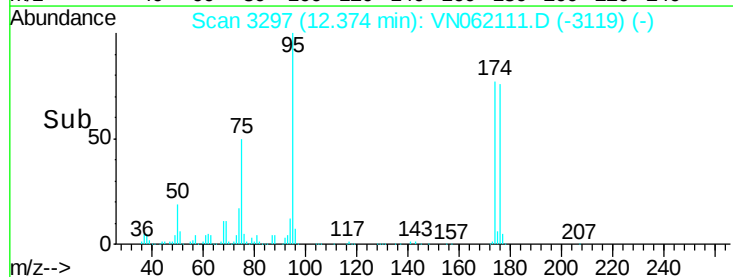
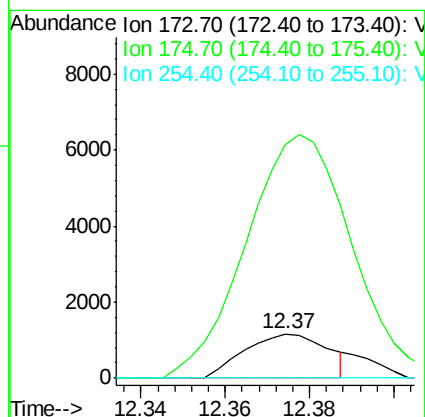
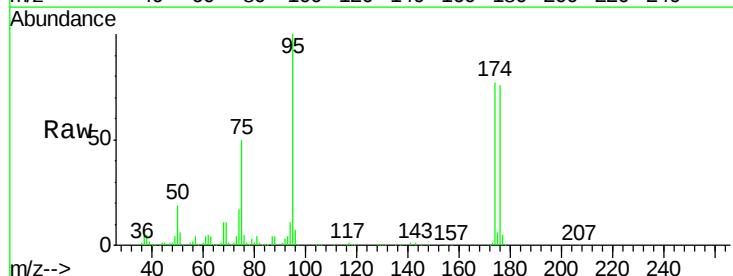
Instrument :
MSVOA_N
ClientSampled :
SB-A

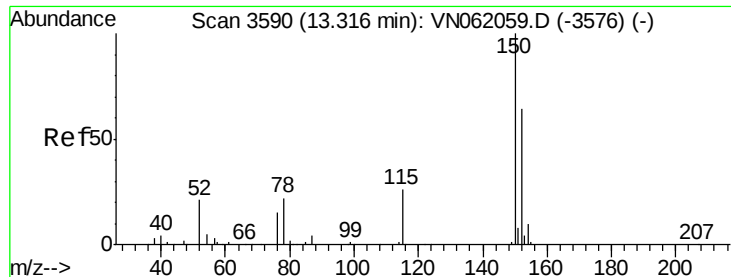
Tgt Ion:104 Resp: 4978
Ion Ratio Lower Upper
104 100
78 284.8 37.7 56.5#
103 270.6 43.0 64.6#



#71
Bromoform
Concen: 0.707 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. 0.27 min
Lab File: VN062111.D
Acq: 25 Jun 2020 15:16

Tgt Ion:173 Resp: 1587
Ion Ratio Lower Upper
173 100
175 586.8 24.7 74.1#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062111.D

Acq: 25 Jun 2020 15:16

Instrument :

MSVOA_N

ClientSampled :

SB-A

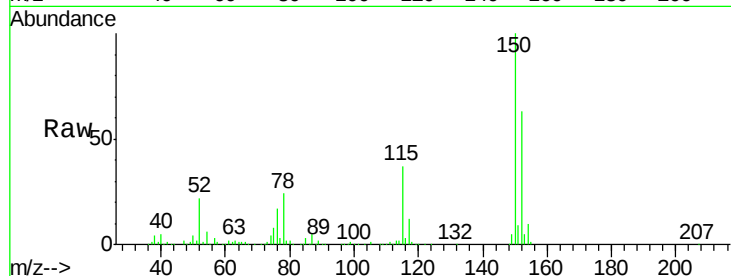
Tgt Ion:152 Resp: 170413

Ion Ratio Lower Upper

152 100

115 60.6 29.5 88.5

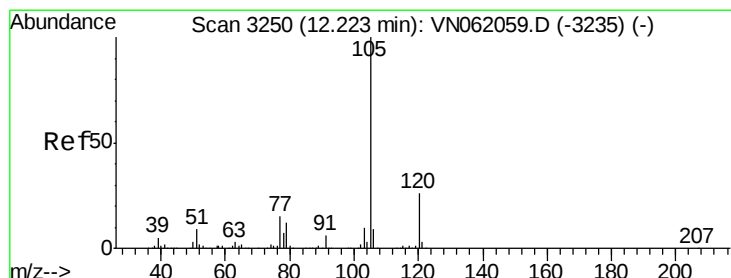
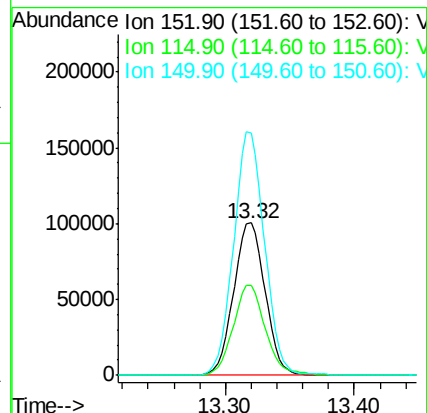
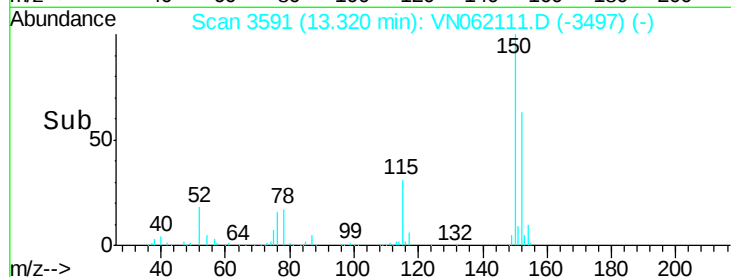
150 157.1 0.0 351.4



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: 6.617 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062111.D

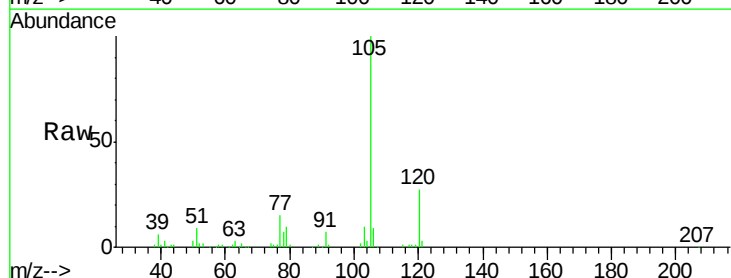
Acq: 25 Jun 2020 15:16

Tgt Ion:105 Resp: 87289

Ion Ratio Lower Upper

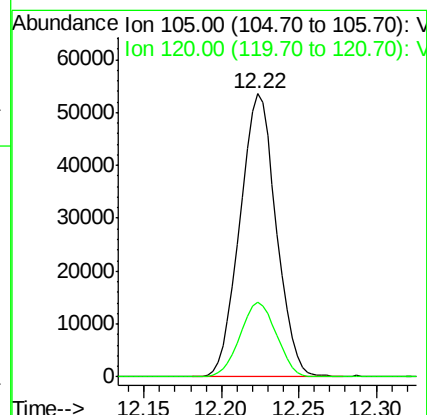
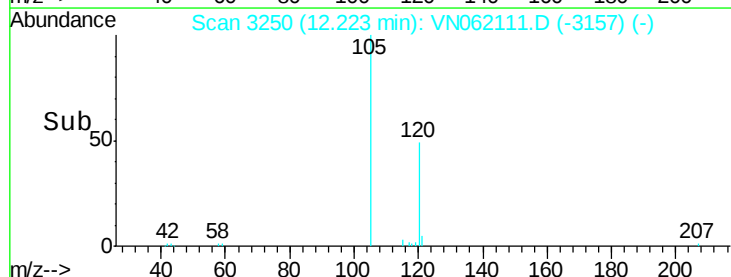
105 100

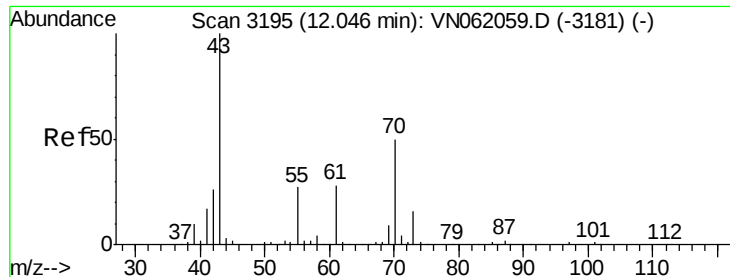
120 26.6 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 3.448 ug/l

RT: 12.03 min Scan# 3189

Delta R.T. -0.02 min

Lab File: VN062111.D

Acq: 25 Jun 2020 15:16

Instrument :

MSVOA_N

ClientSampled :

SB-A

Tgt Ion: 43 Resp: 547

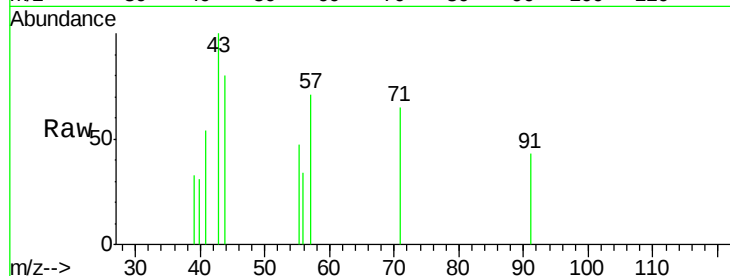
Ion Ratio Lower Upper

43 100

70 0.0 39.4 59.2#

55 83.7 21.7 32.5#

61 0.0 21.3 31.9#

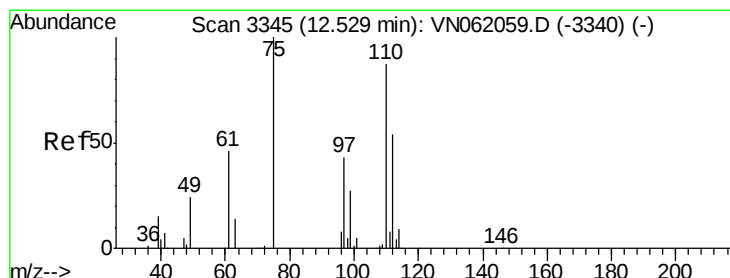
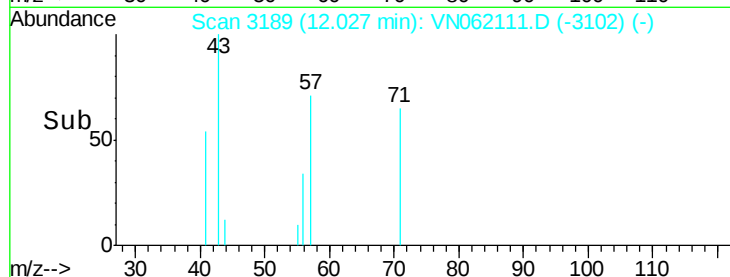
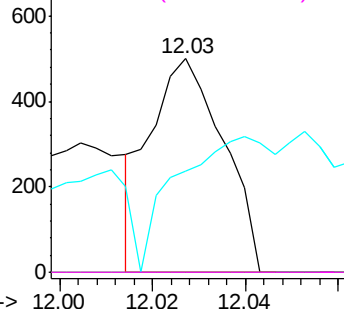


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 23.370 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.15 min

Lab File: VN062111.D

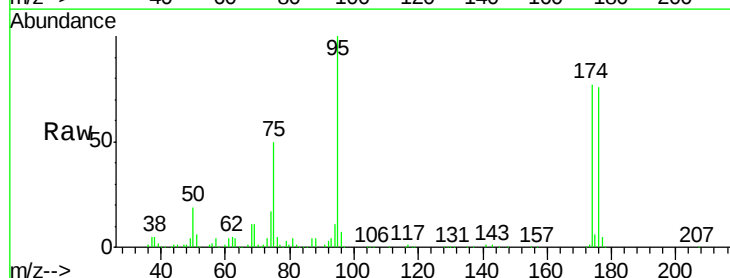
Acq: 25 Jun 2020 15:16

Tgt Ion: 75 Resp: 93753

Ion Ratio Lower Upper

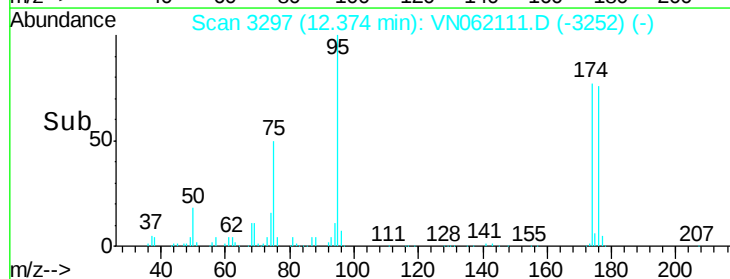
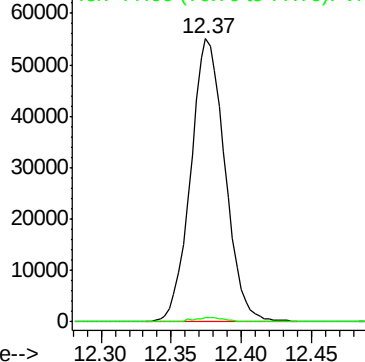
75 100

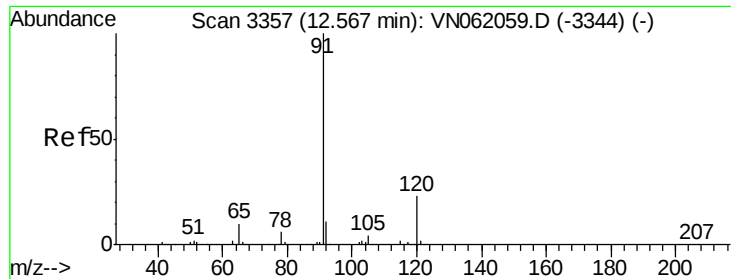
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#78

n-propylbenzene

Concen: 9.259 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062111.D

Acq: 25 Jun 2020 15:16

Instrument :

MSVOA_N

ClientSampleId :

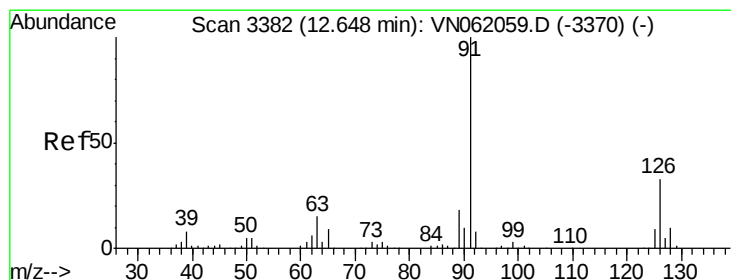
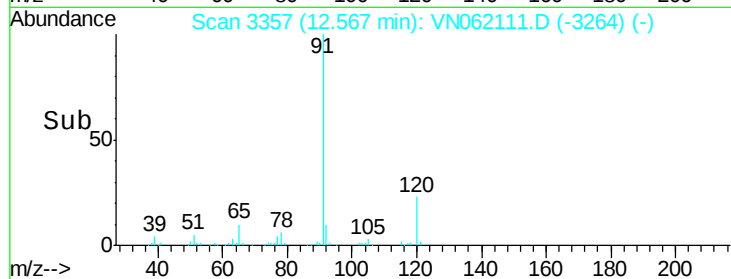
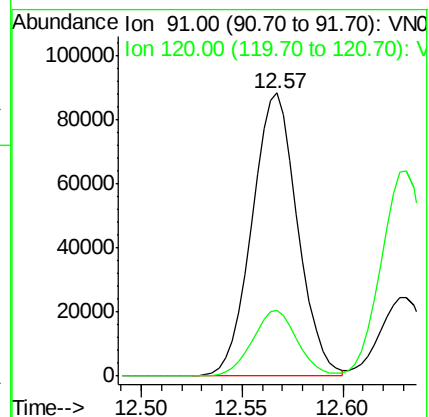
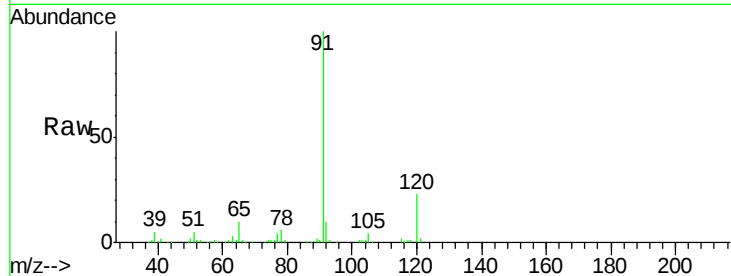
SB-A

Tgt Ion: 91 Resp: 139710

Ion Ratio Lower Upper

91 100

120 23.0 11.4 34.1



#79

2-Chlorotoluene

Concen: 3.892 ug/l

RT: 12.63 min Scan# 3377

Delta R.T. -0.02 min

Lab File: VN062111.D

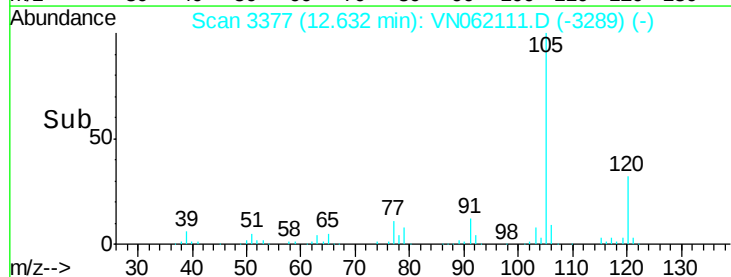
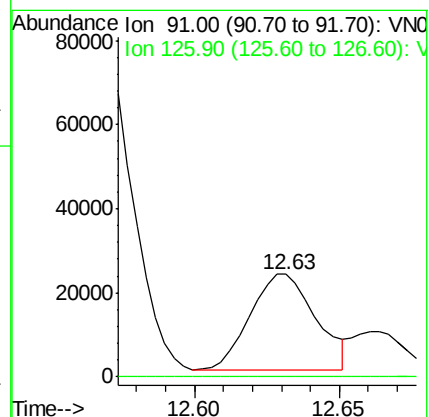
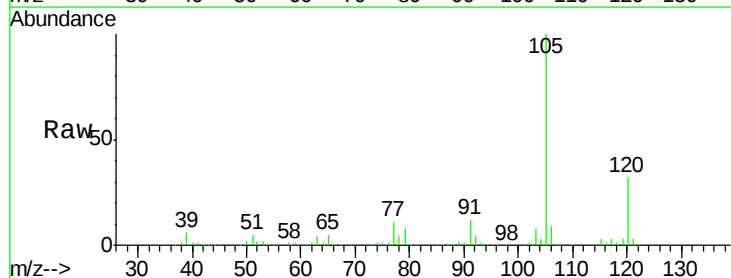
Acq: 25 Jun 2020 15:16

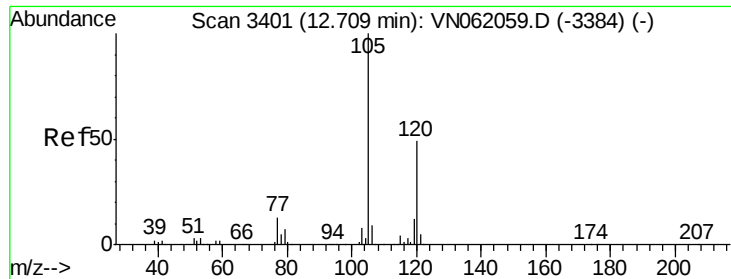
Tgt Ion: 91 Resp: 35505

Ion Ratio Lower Upper

91 100

126 0.0 16.9 50.7#

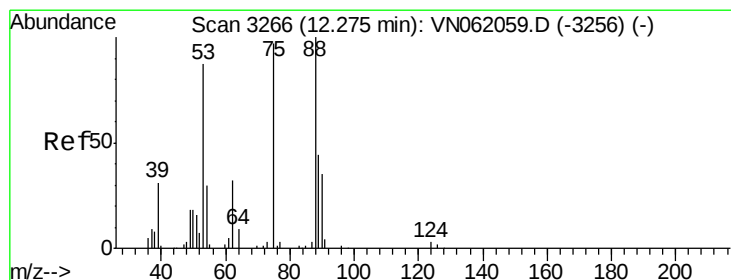
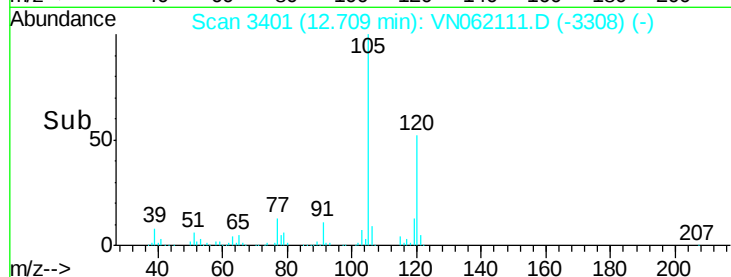
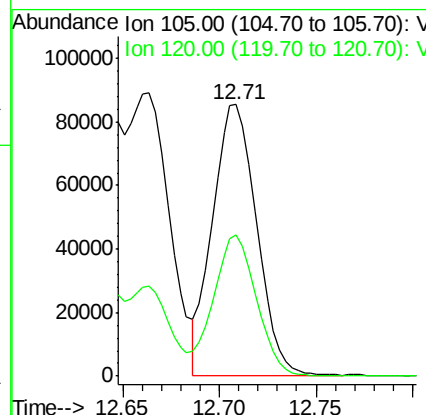
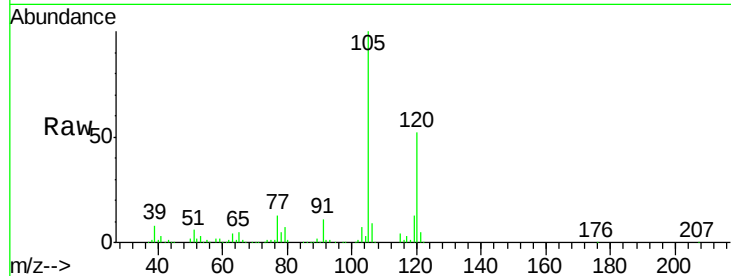




#80
 1,3,5-Trimethylbenzene
 Concen: 12.577 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN062111.D
 Acq: 25 Jun 2020 15:16

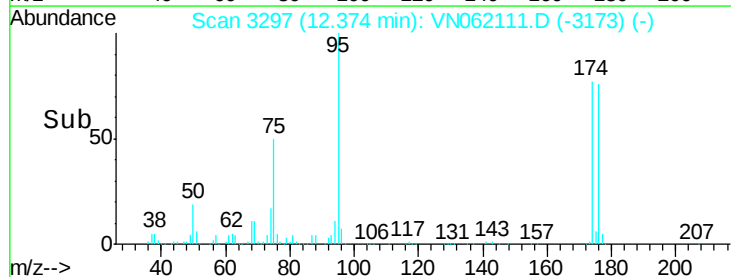
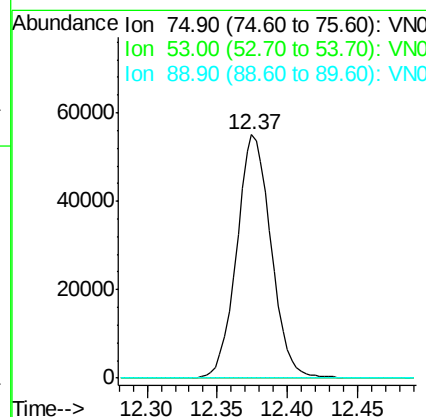
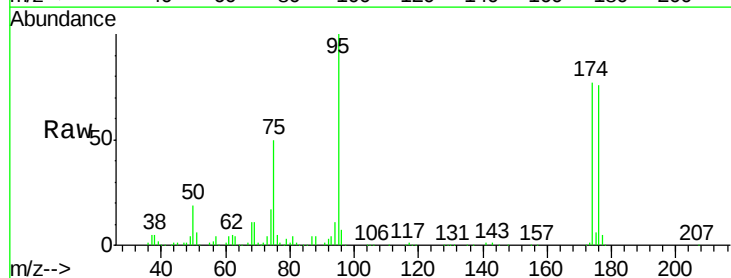
Instrument :
 MSVOA_N
 ClientSampled :
 SB-A

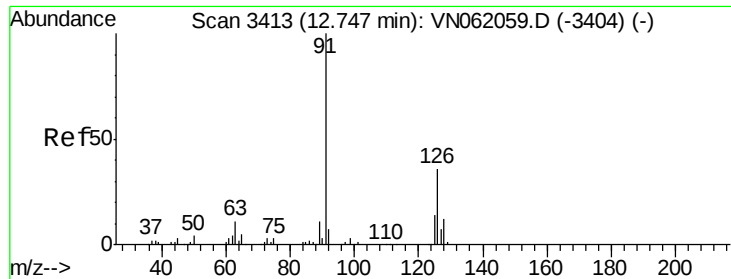
Tgt Ion:105 Resp: 134493
 Ion Ratio Lower Upper
 105 100
 120 51.9 24.6 74.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.250 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. 0.10 min
 Lab File: VN062111.D
 Acq: 25 Jun 2020 15:16

Tgt Ion: 75 Resp: 93753
 Ion Ratio Lower Upper
 75 100
 53 0.1 72.0 108.0#
 89 0.0 36.9 55.3#





#82

4-Chlorotoluene

Concen: 1.581 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.04 min

Lab File: VN062111.D

Acq: 25 Jun 2020 15:16

Instrument :

MSVOA_N

ClientSampleId :

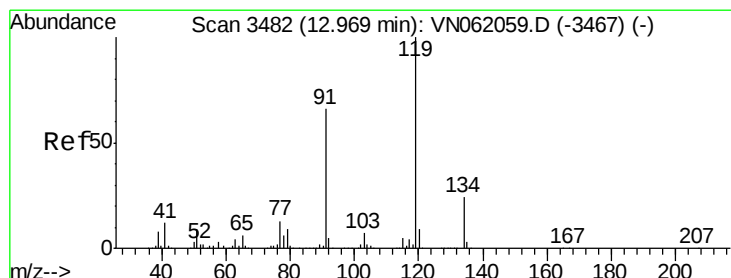
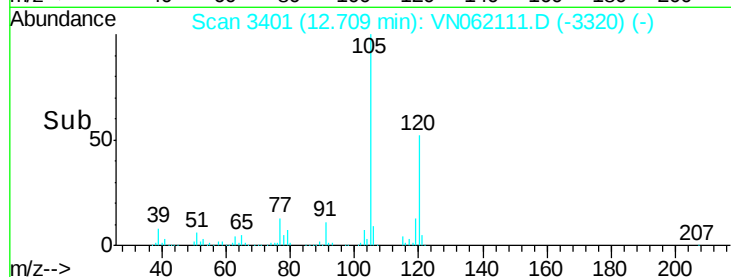
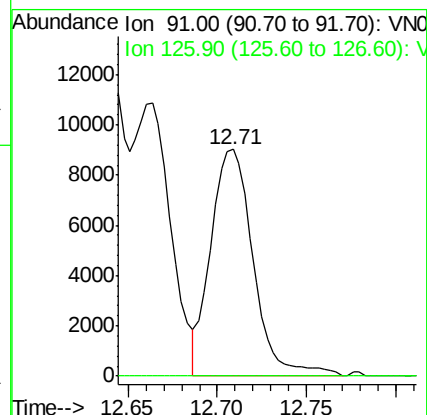
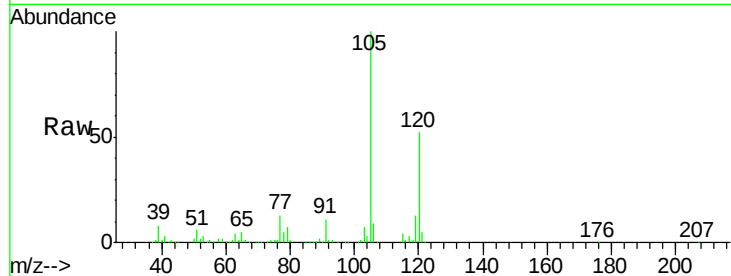
SB-A

Tgt Ion: 91 Resp: 14915

Ion Ratio Lower Upper

91 100

126 0.0 16.7 50.1#



#83

tert-Butylbenzene

Concen: 5.690 ug/l

RT: 13.01 min Scan# 3496

Delta R.T. 0.05 min

Lab File: VN062111.D

Acq: 25 Jun 2020 15:16

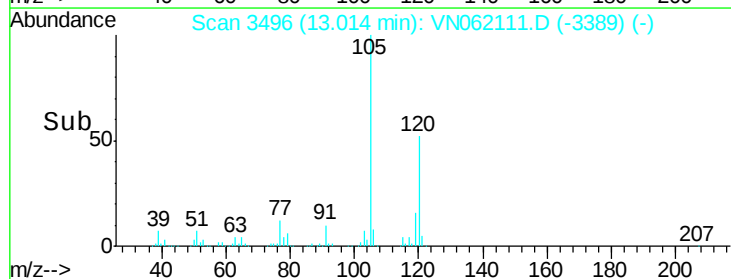
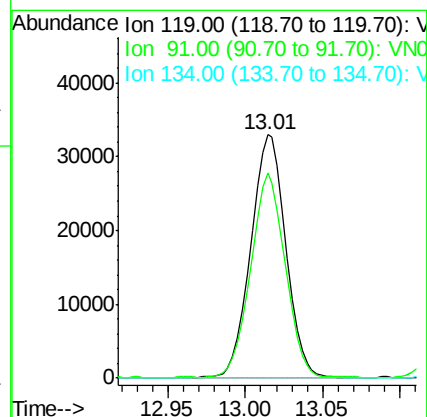
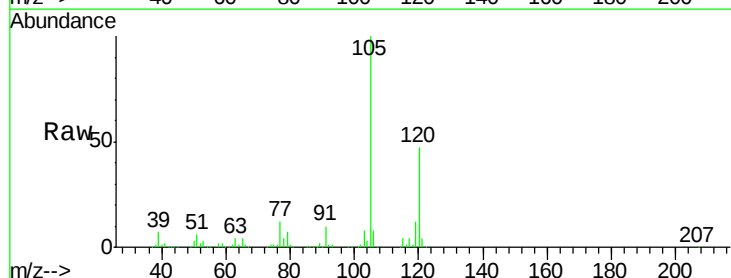
Tgt Ion: 119 Resp: 52072

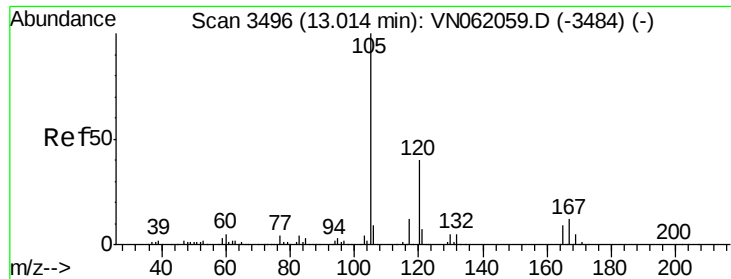
Ion Ratio Lower Upper

119 100

91 83.3 31.7 95.1

134 0.0 13.1 39.1#

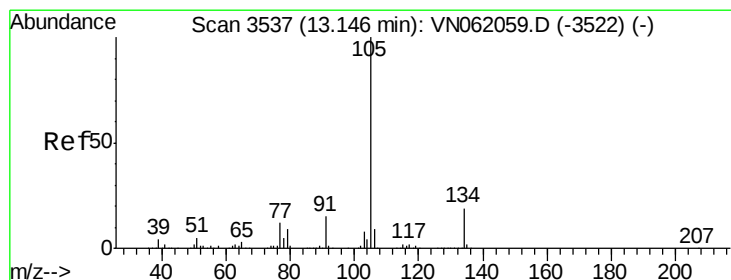
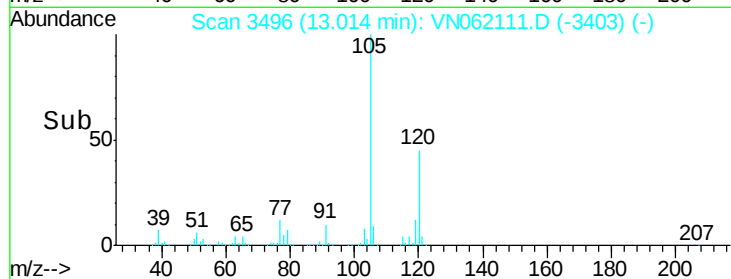
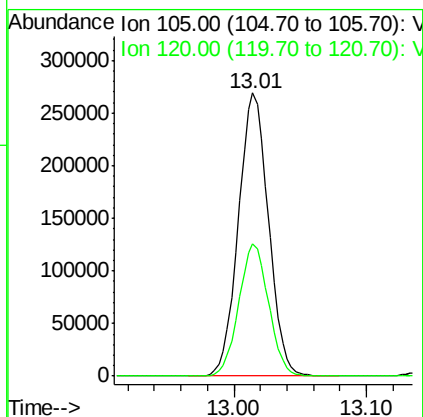
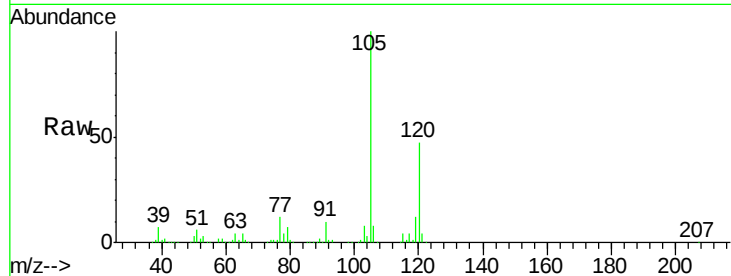




#84
 1,2,4-Trimethylbenzene
 Concen: 39.645 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN062111.D
 Acq: 25 Jun 2020 15:16

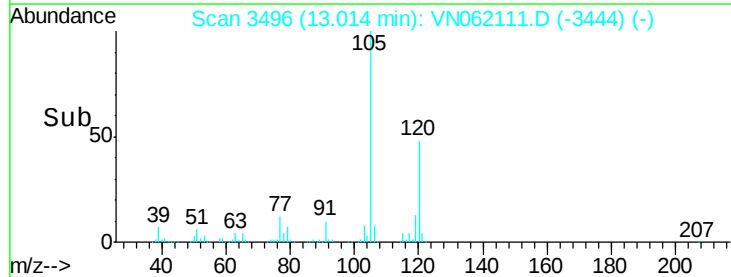
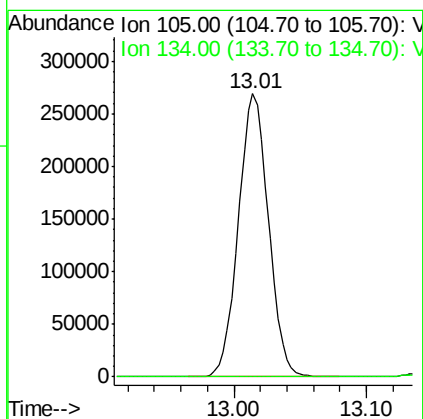
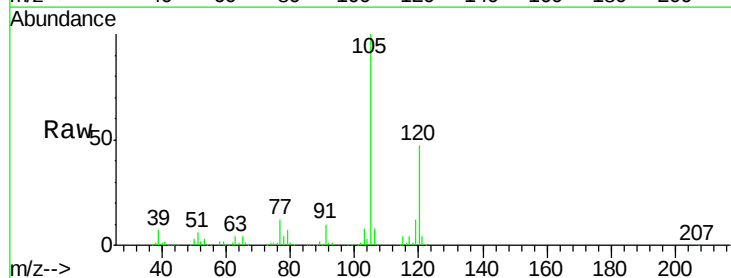
Instrument :
 MSVOA_N
 ClientSampled :
 SB-A

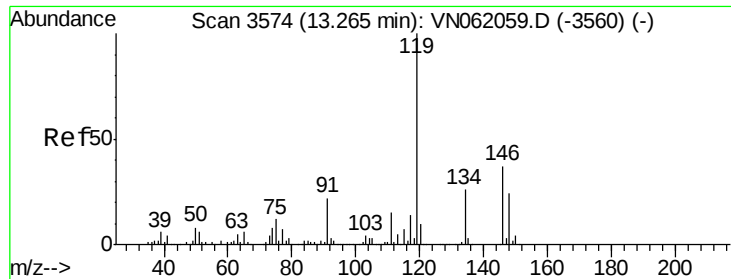
Tgt Ion:105 Resp: 423414
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.2 69.5



#85
 sec-Butylbenzene
 Concen: 35.014 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.13 min
 Lab File: VN062111.D
 Acq: 25 Jun 2020 15:16

Tgt Ion:105 Resp: 423414
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.7 29.1#

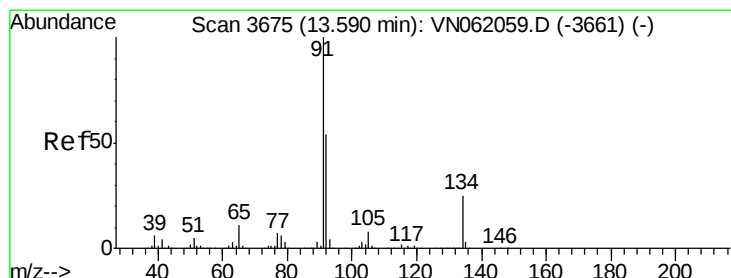
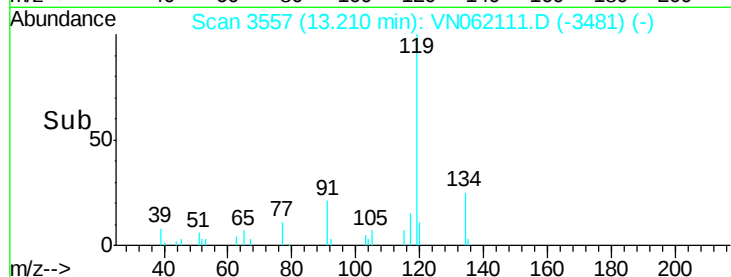
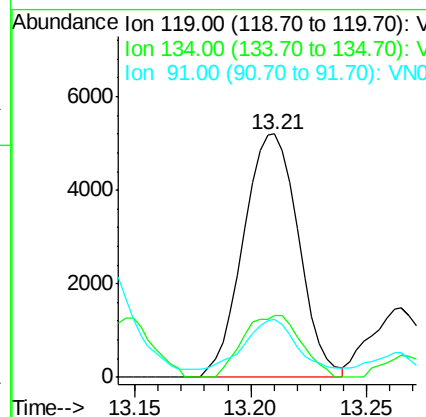
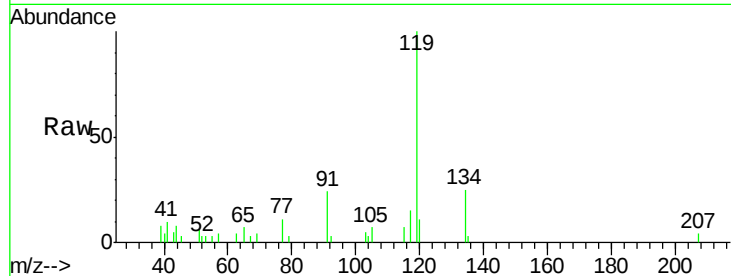




#86
p-Isopropyltoluene
Concen: 0.813 ug/l
RT: 13.21 min Scan# 3557
Delta R.T. -0.05 min
Lab File: VN062111.D
Acq: 25 Jun 2020 15:16

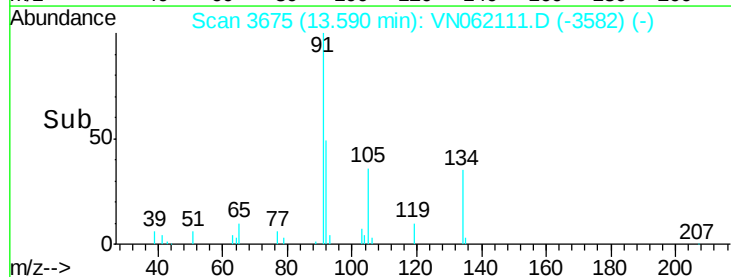
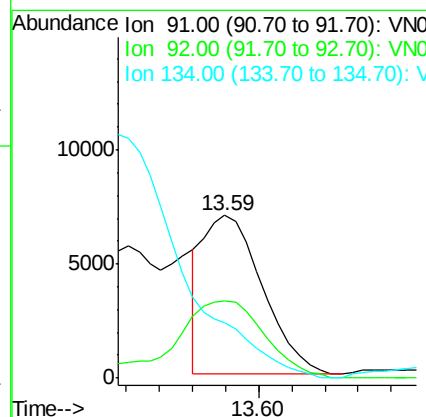
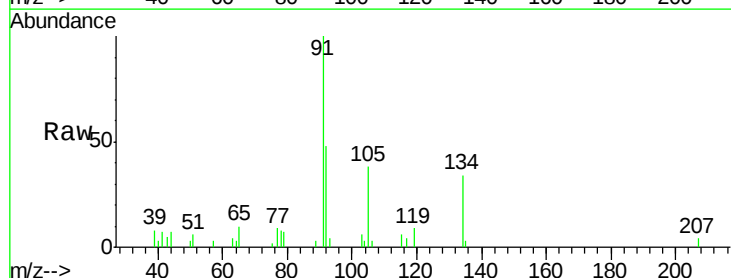
Instrument :
MSVOA_N
ClientSampleId :
SB-A

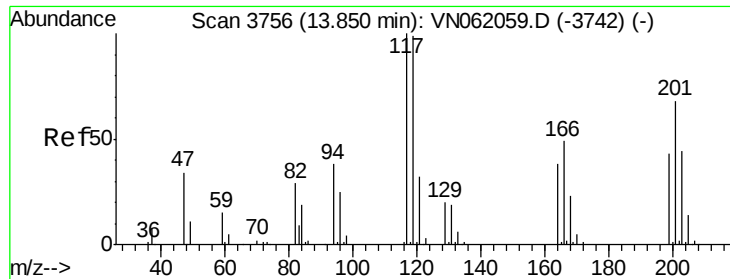
Tgt Ion: 119 Resp: 8609
Ion Ratio Lower Upper
119 100
134 26.8 13.0 39.0
91 23.3 11.3 33.8



#89
n-Butylbenzene
Concen: 0.977 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN062111.D
Acq: 25 Jun 2020 15:16

Tgt Ion: 91 Resp: 8606
Ion Ratio Lower Upper
91 100
92 76.6 26.6 79.7
134 0.0 12.3 36.9#





#90

Hexachloroethane

Concen: 1.843 ug/l

RT: 13.86 min Scan# 3760

Delta R.T. 0.01 min

Lab File: VN062111.D

Acq: 25 Jun 2020 15:16

Instrument :

MSVOA_N

ClientSampled :

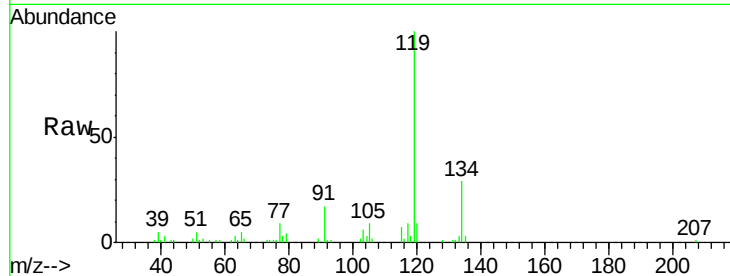
SB-A

Tgt Ion:117 Resp: 3831

Ion Ratio Lower Upper

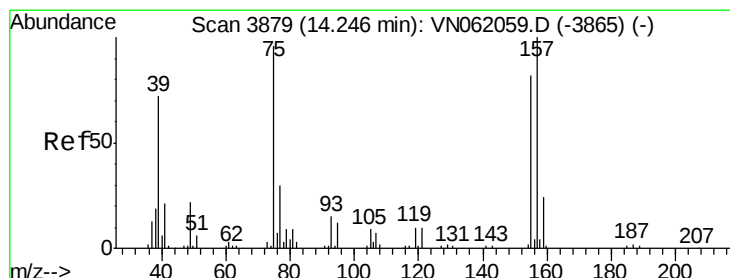
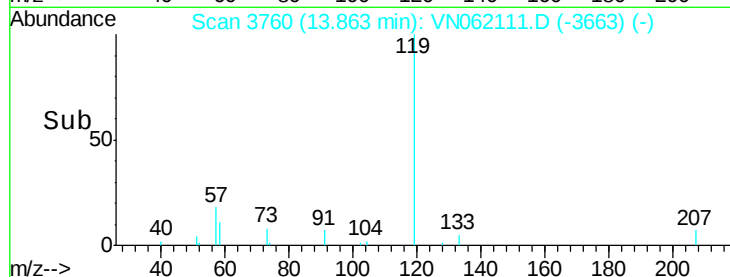
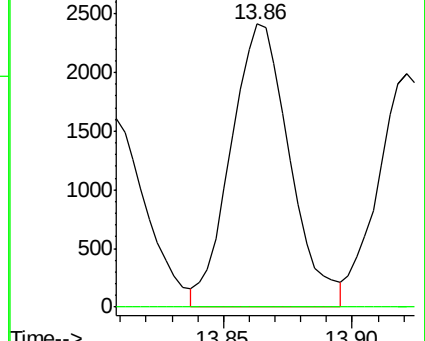
117 100

201 0.0 32.7 98.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.509 ug/l

RT: 14.23 min Scan# 3873

Delta R.T. -0.02 min

Lab File: VN062111.D

Acq: 25 Jun 2020 15:16

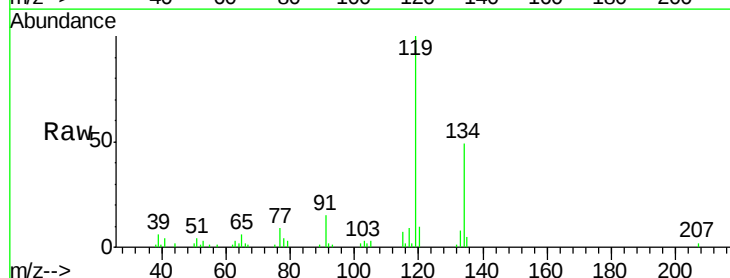
Tgt Ion: 75 Resp: 358

Ion Ratio Lower Upper

75 100

155 0.0 40.8 122.4#

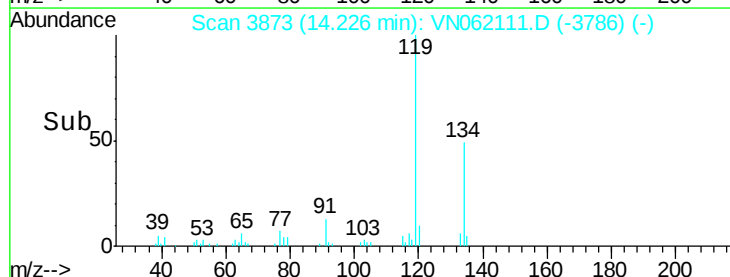
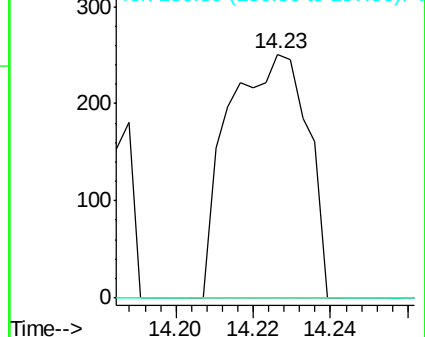
157 0.0 51.4 154.3#

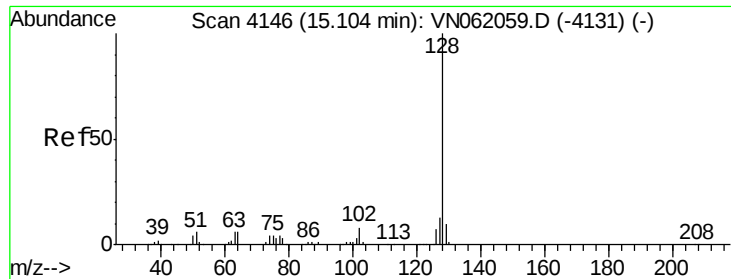


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

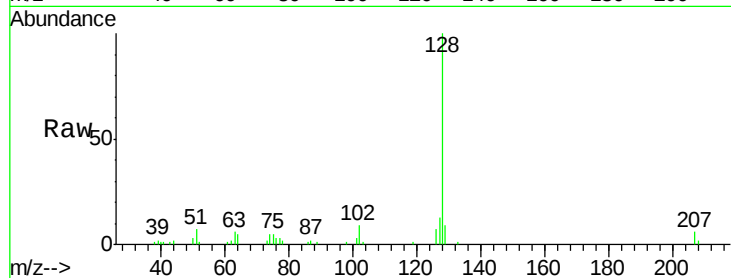




#95
Naphthalene
Concen: 6.989 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN062111.D
Acq: 25 Jun 2020 15:16

Instrument :
MSVOA_N
ClientSampleId :
SB-A

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.5	15.7
129	10.7	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

