

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050820\
 Data File : VN061362.D
 Acq On : 8 May 2020 15:22
 Operator : JC/MD
 Sample : L2544-13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 09 00:32:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	103444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	186936	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	176585	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	78787	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	83650	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
35) Dibromofluoromethane	7.55	113	54707	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
50) Toluene-d8	10.06	98	236191	52.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.82%	
62) 4-Bromofluorobenzene	12.38	95	87107	51.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.74%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.73	59	594	2.709	ug/l #	72
13) Acrolein	3.76	56	2626	17.972	ug/l #	75
14) Allyl chloride	4.48	41	174424	86.191	ug/l #	64
15) Acrylonitrile	5.00	53	1308	1.943	ug/l #	33
16) Acetone	3.76	43	8547	8.157	ug/l #	63
18) Methyl Acetate	4.48	43	406900	194.940	ug/l #	55
20) Methylene Chloride	4.46	84	710	0.556	ug/l #	1
25) 2-Butanone	6.77	43	10524	10.866	ug/l #	53
27) cis-1,2-Dichloroethene	6.77	96	527	0.378	ug/l #	27
31) Cyclohexane	7.70	56	259314	108.903	ug/l #	20
36) 1,1-Dichloropropene	7.63	75	9513	5.084	ug/l #	49
37) Ethyl Acetate	6.77	43	10524	4.797	ug/l #	87
38) Carbon Tetrachloride	7.63	117	11006	8.438	ug/l #	16
39) Methylcyclohexane	9.01	83	3268	1.557	ug/l #	7
41) Methacrylonitrile	7.34	41	1232	1.353	ug/l #	100
43) Isopropyl Acetate	8.17	43	162608	44.662	ug/l #	57
48) Methyl methacrylate	9.19	41	17380	10.579	ug/l #	36
51) 4-Methyl-2-Pentanone	9.99	43	10755	5.018	ug/l #	79
55) 1,1,2-Trichloroethane	10.50	97	3706	2.767	ug/l #	19
56) Ethyl methacrylate	10.40	69	1822	3.465	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.62	63	911	0.840	ug/l #	49
59) 2-Hexanone	10.69	43	1729	1.109	ug/l #	27
65) Chlorobenzene	11.41	112	52538	14.999	ug/l #	99
71) Bromoform	12.37	173	227	0.246	ug/l #	1
73) Isopropylbenzene	12.23	105	3639	0.628	ug/l #	92
76) 1,2,3-Trichloropropane	12.38	75	49103	29.562	ug/l #	100
78) n-propylbenzene	12.57	91	1555	0.226	ug/l #	78
79) 2-Chlorotoluene	12.57	91	1555	0.385	ug/l #	43
81) trans-1,4-Dichloro-2-buten	12.38	75	49103	75.071	ug/l #	8
82) 4-Chlorotoluene	12.57	91	1555	0.365	ug/l #	43
83) tert-Butylbenzene	12.97	119	7502	1.856	ug/l #	96
84) 1,2,4-Trimethylbenzene	13.15	105	15776	3.194	ug/l #	32
85) sec-Butylbenzene	13.15	105	15776	2.863	ug/l #	54
86) p-Isopropyltoluene	13.42	119	27822	5.603	ug/l #	96

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QLast Update : Tue May 05 07:01:08 2020
Response via : Initial Calibration

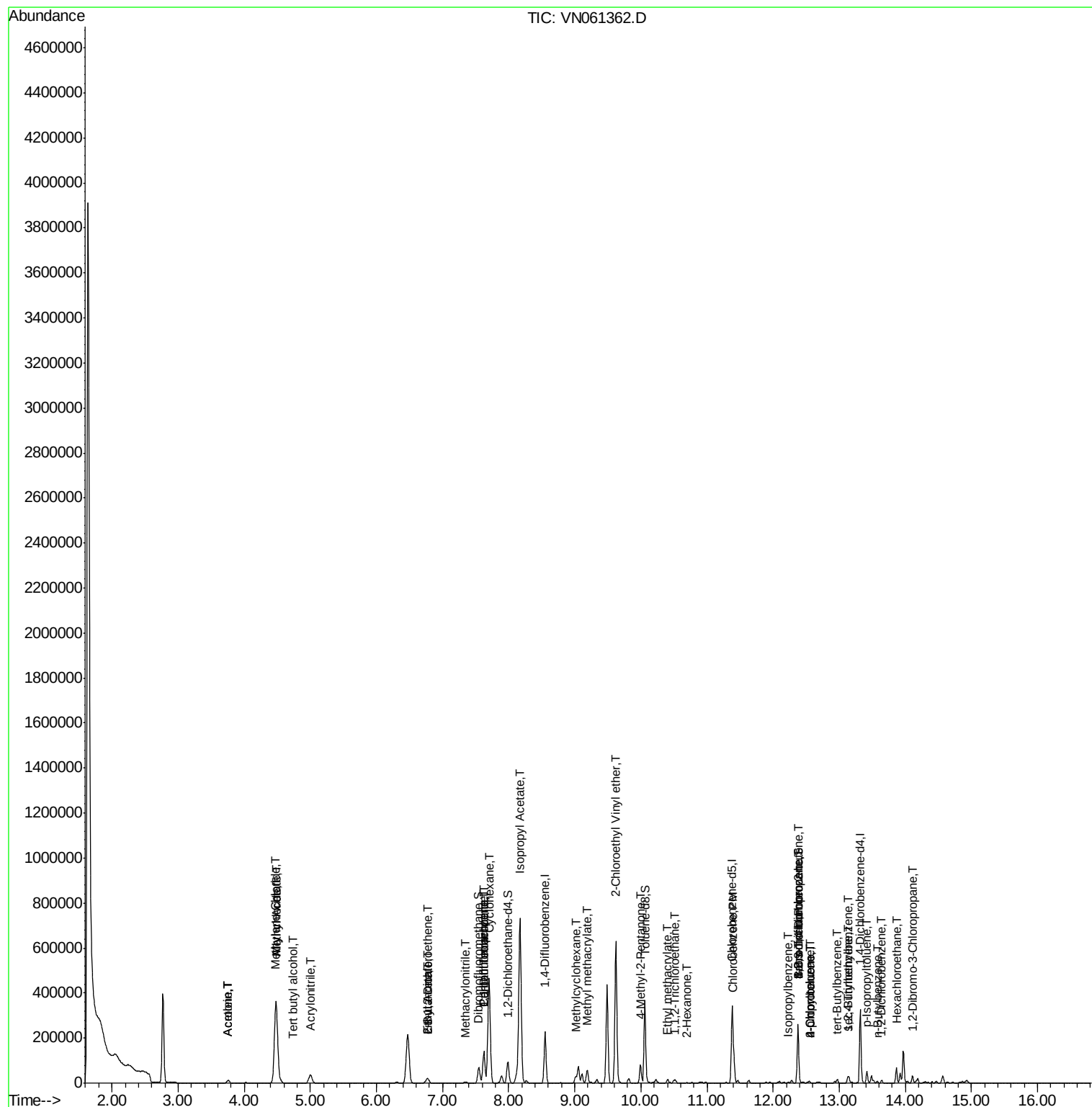
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	13.59	91	2196	0.482	ug/l #	62
90) Hexachloroethane	13.87	117	3672	13.635	ug/l #	14
91) 1,2-Dichlorobenzene	13.63	146	755	0.320	ug/l	90
92) 1,2-Dibromo-3-Chloropropan	14.11	75	181	0.475	ug/l #	7

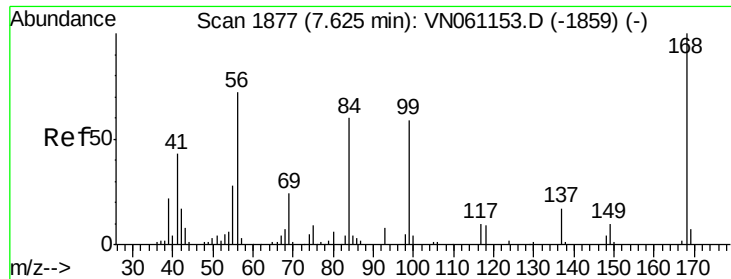
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061362.D

Acq: 8 May 2020 15:22

Instrument :

MSVOA_N

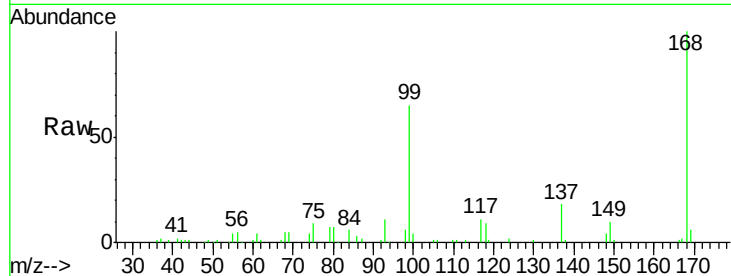
ClientSampled :

Tot Ion:168 Resp: 103444

Ion Ratio Lower Upper

168 100

99 65.1 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

40000

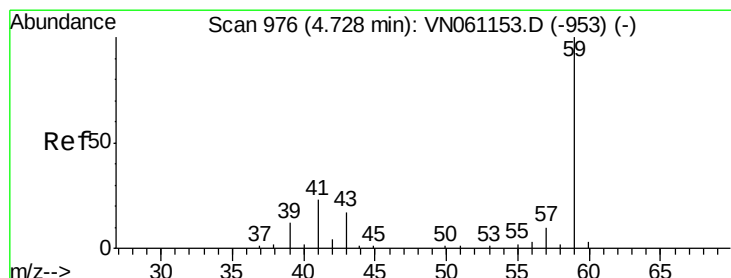
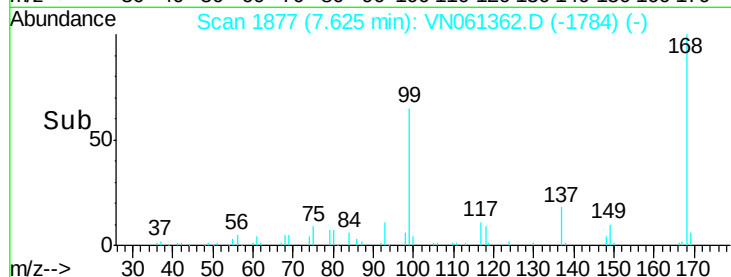
30000

20000

10000

0

Time--> 7.50 7.60 7.70



#11

Tert butyl alcohol

Concen: 2.709 ug/l

RT: 4.73 min Scan# 977

Delta R.T. 0.00 min

Lab File: VN061362.D

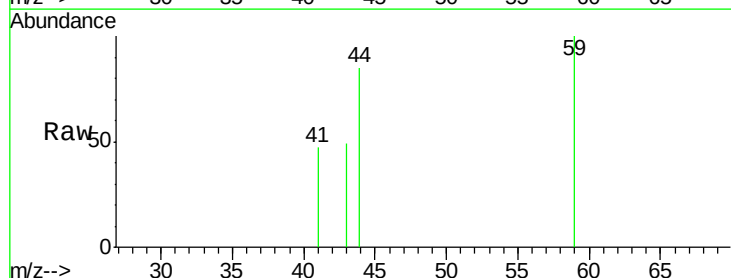
Acq: 8 May 2020 15:22

Tgt Ion: 59 Resp: 594

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.73

400

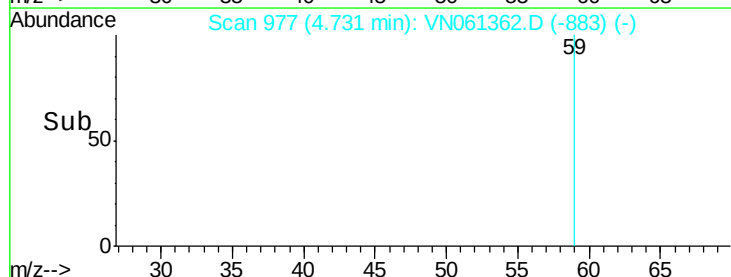
300

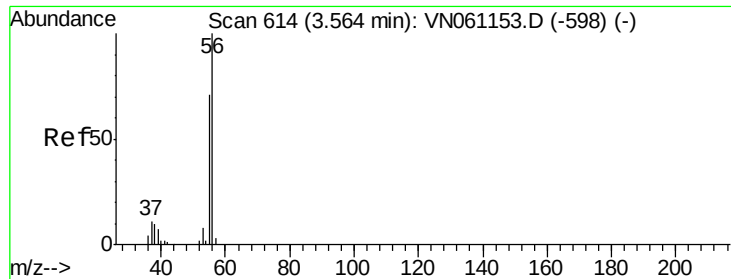
200

100

0

Time--> 4.70 4.72 4.74





#13

Acrolein

Concen: 17.972 ug/l

RT: 3.76 min Scan# 675

Delta R.T. 0.20 min

Lab File: VN061362.D

Acq: 8 May 2020 15:22

Instrument :

MSVOA_N

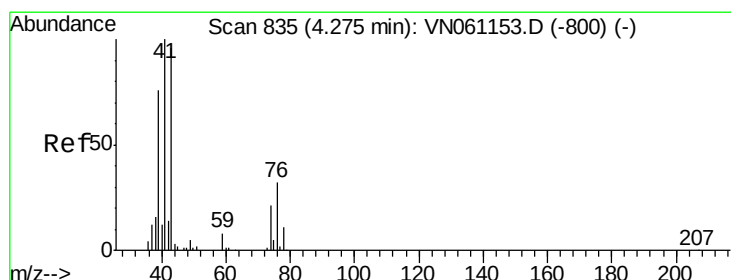
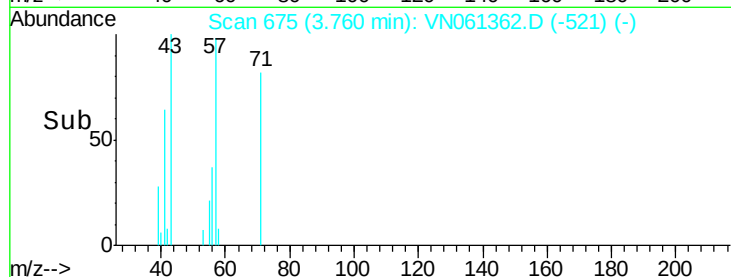
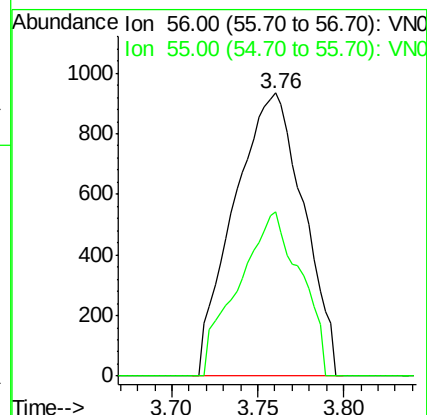
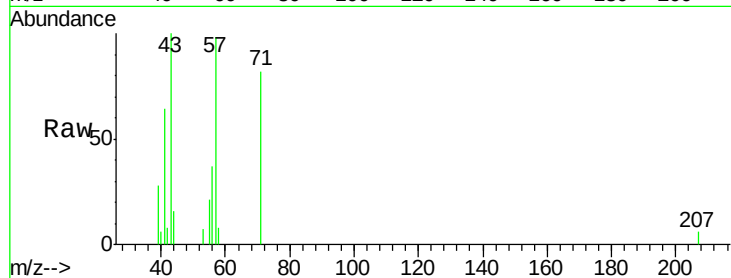
ClientSampleId :

Tot Ion: 56 Resp: 2626

Ion Ratio Lower Upper

56 100

55 51.8 58.5 87.7#



#14

Allyl chloride

Concen: 86.191 ug/l

RT: 4.48 min Scan# 899

Delta R.T. 0.21 min

Lab File: VN061362.D

Acq: 8 May 2020 15:22

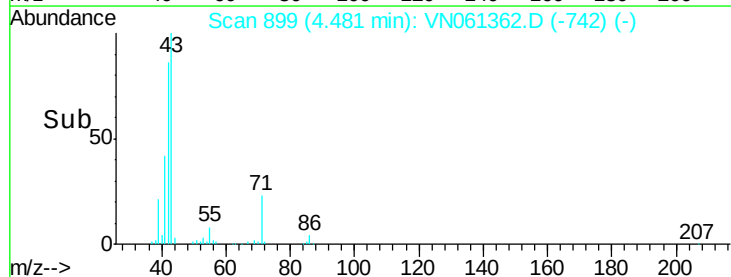
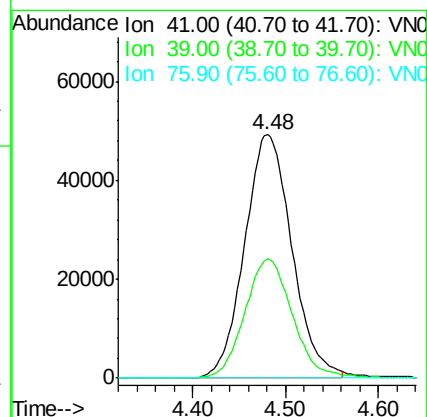
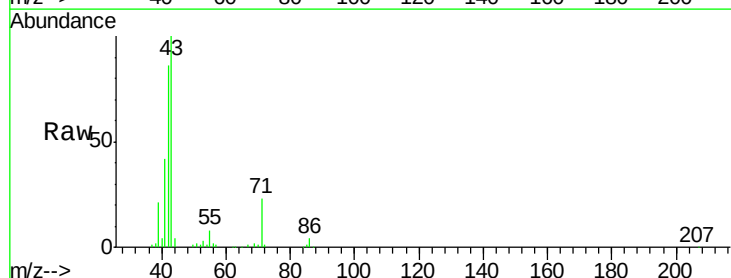
Tgt Ion: 41 Resp: 174424

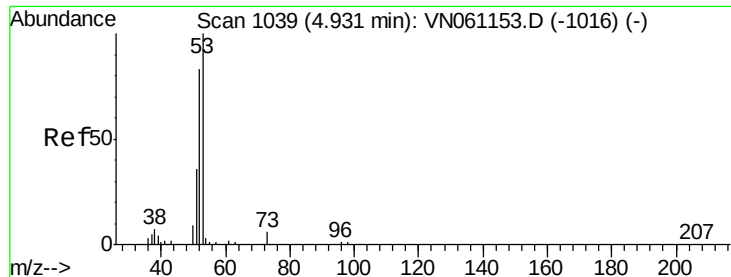
Ion Ratio Lower Upper

41 100

39 48.9 57.1 85.7#

76 0.0 24.3 36.5#





#15

Acrylonitrile

Concen: 1.943 ug/l

RT: 5.00 min Scan# 1061

Delta R.T. 0.07 min

Lab File: VN061362.D

Acq: 8 May 2020 15:22

Instrument :

MSVOA_N

ClientSampleId :

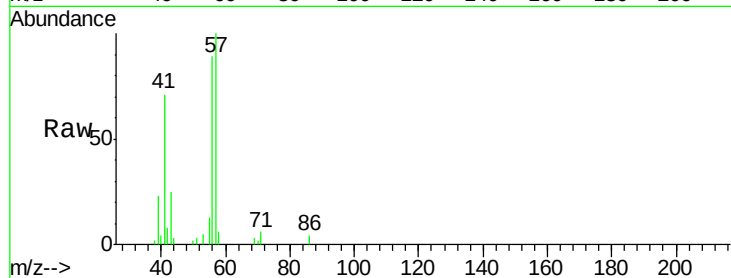
Tot Ion: 53 Resp: 1308

Ion Ratio Lower Upper

53 100

52 0.0 65.4 98.0#

51 44.1 29.5 44.3

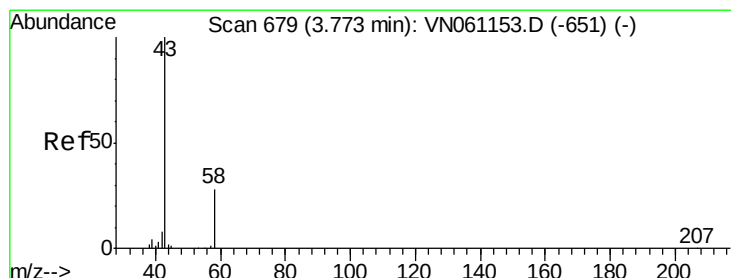
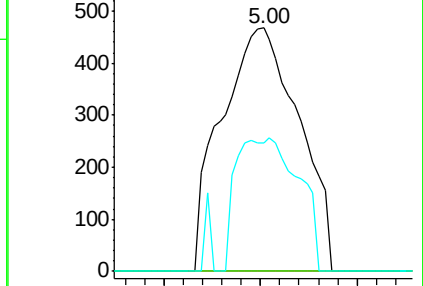
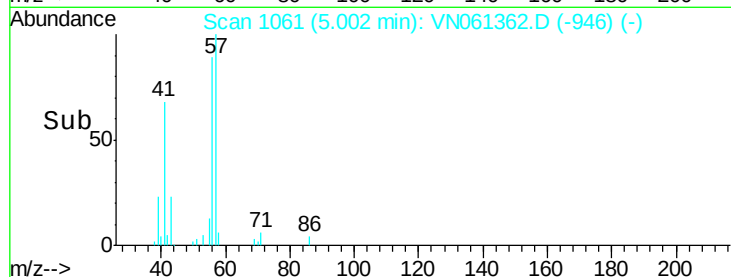


Abundance Ion 53.00 (52.70 to 53.70): VN061153.D (-1016) (-)

Ion 52.00 (51.70 to 52.70): VN061153.D (-1016) (-)

Ion 51.00 (50.70 to 51.70): VN061153.D (-1016) (-)

Time-->



#16

Acetone

Concen: 8.157 ug/l

RT: 3.76 min Scan# 675

Delta R.T. -0.01 min

Lab File: VN061362.D

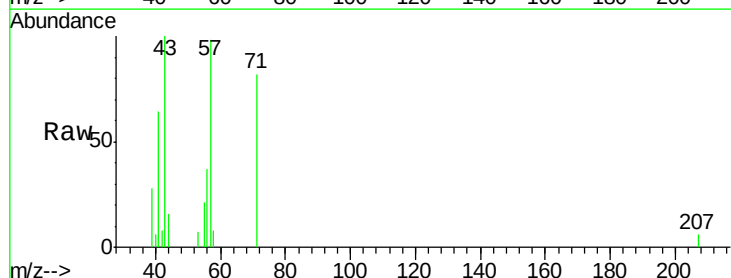
Acq: 8 May 2020 15:22

Tgt Ion: 43 Resp: 8547

Ion Ratio Lower Upper

43 100

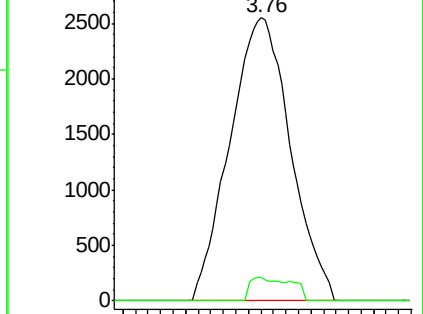
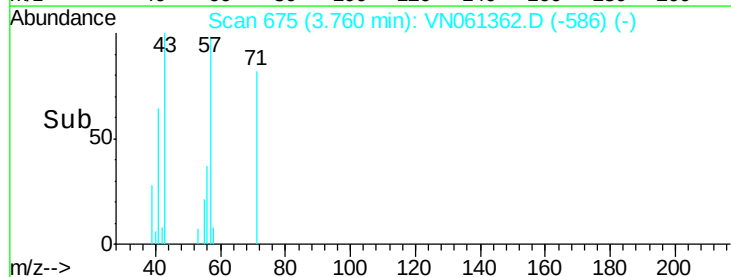
58 8.3 22.2 33.2#

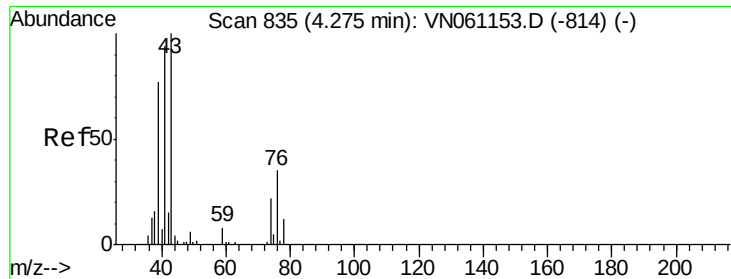


Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-651) (-)

Ion 58.00 (57.70 to 58.70): VN061153.D (-651) (-)

Time-->





#18

Methyl Acetate

Concen: 194.940 ug/l

RT: 4.48 min Scan# 899

Delta R.T. 0.21 min

Lab File: VN061362.D

Acq: 8 May 2020 15:22

Instrument :

MSVOA_N

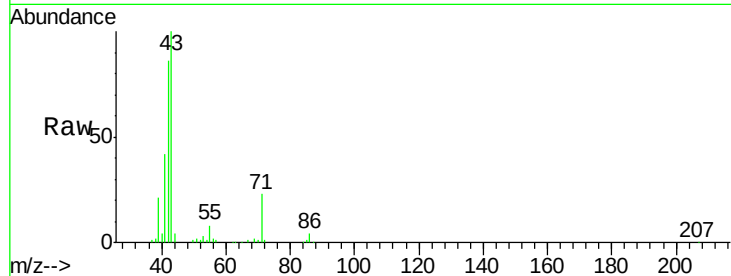
ClientSampleId :

Tot Ion: 43 Resp: 406900

Ion Ratio Lower Upper

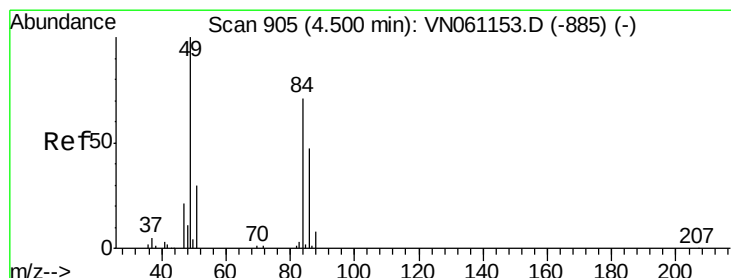
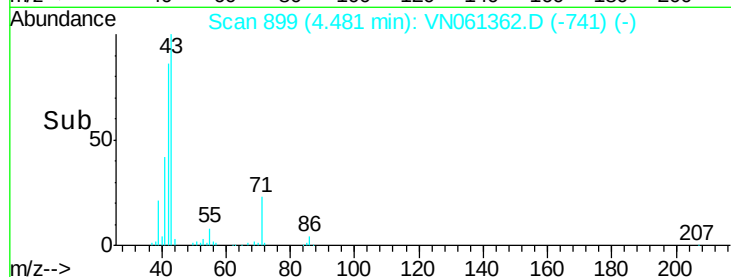
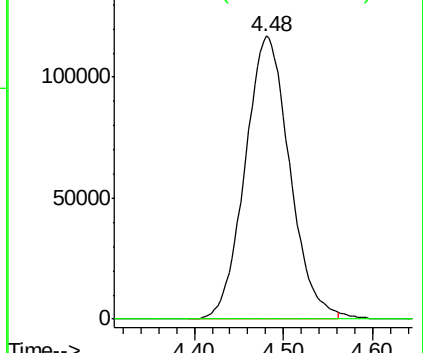
43 100

74 0.0 17.0 25.4#



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-814) (-)

Ion 74.00 (73.70 to 74.70): VN061153.D (-814) (-)



#20

Methylene Chloride

Concen: 0.556 ug/l

RT: 4.46 min Scan# 892

Delta R.T. -0.04 min

Lab File: VN061362.D

Acq: 8 May 2020 15:22

Tgt Ion: 84 Resp: 710

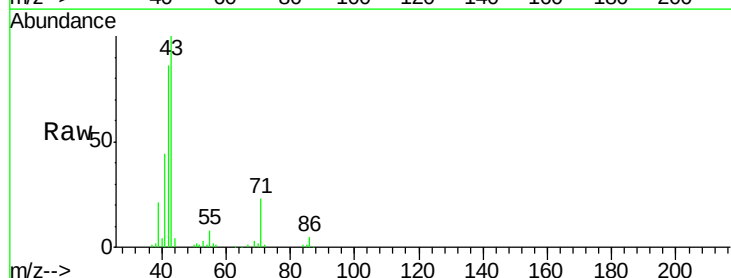
Ion Ratio Lower Upper

84 100

49 0.0 112.0 168.0#

51 264.2 33.6 50.4#

86 589.8 52.1 78.1#

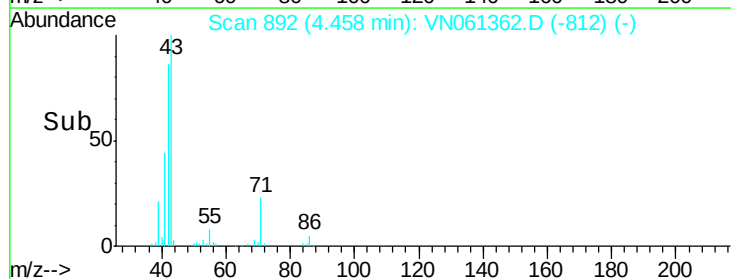
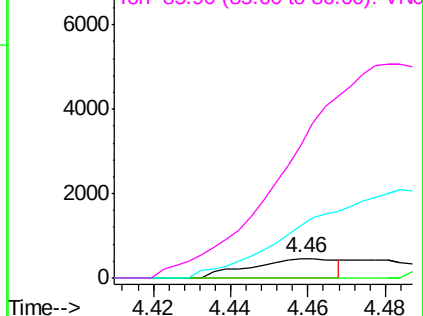


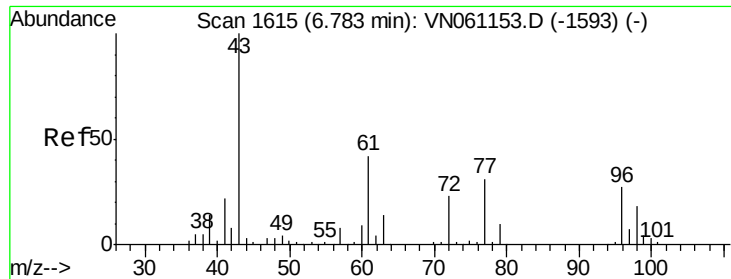
Abundance Ion 83.90 (83.60 to 84.60): VN061153.D (-885) (-)

Ion 48.90 (48.60 to 49.60): VN061153.D (-885) (-)

Ion 50.90 (50.60 to 51.60): VN061153.D (-885) (-)

Ion 85.90 (85.60 to 86.60): VN061153.D (-885) (-)

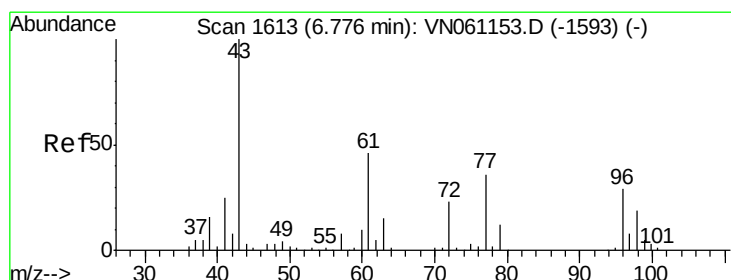
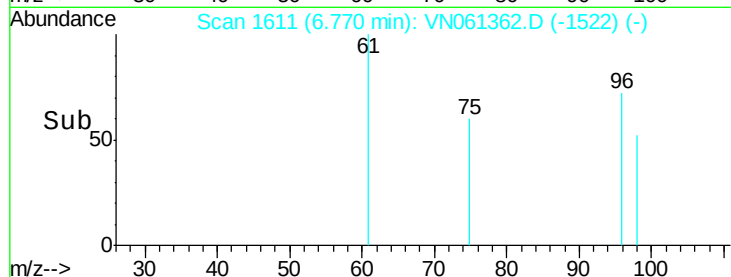
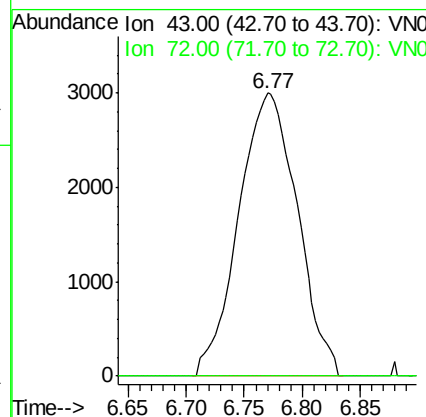
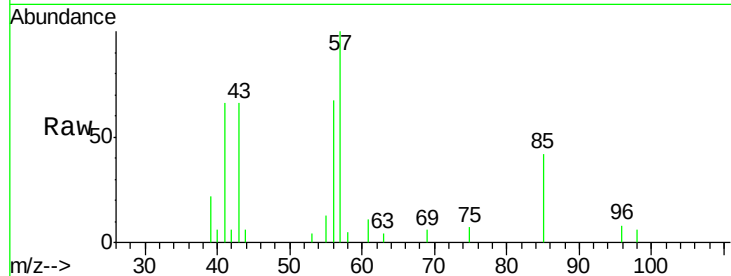




#25
2-Butanone
Concen: 10.866 ug/l
RT: 6.77 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VN061362.D
Acq: 8 May 2020 15:22

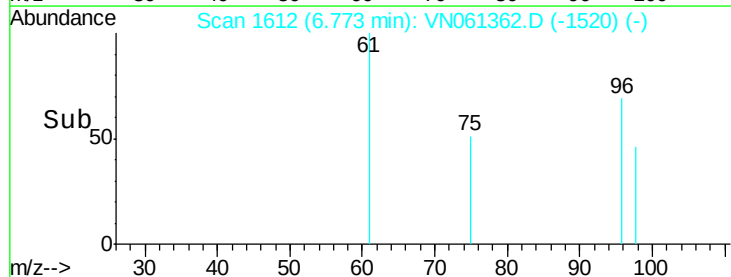
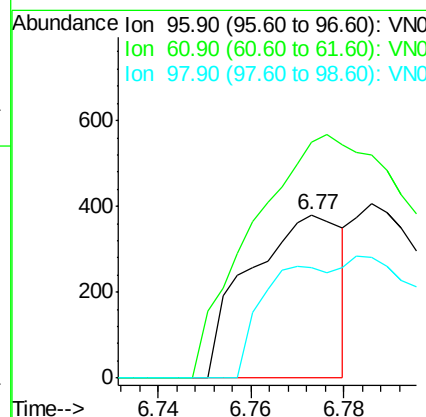
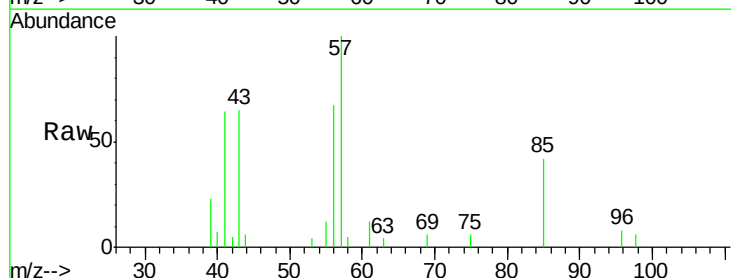
Instrument :
MSVOA_N
ClientSampled :

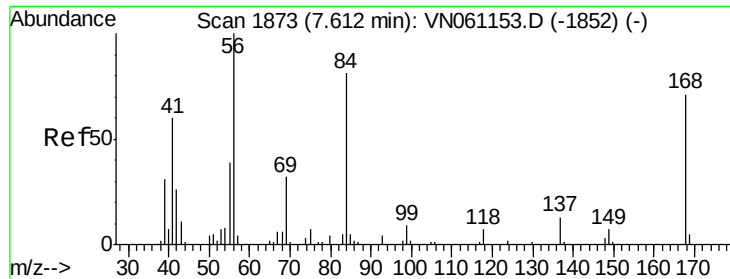
Tot Ion: 43 Resp: 10524
Ion Ratio Lower Upper
43 100
72 0.0 18.2 27.4#



#27
cis-1,2-Dichloroethene
Concen: 0.378 ug/l
RT: 6.77 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VN061362.D
Acq: 8 May 2020 15:22

Tgt Ion: 96 Resp: 527
Ion Ratio Lower Upper
96 100
61 286.5 0.0 322.0
98 50.3 0.0 129.6

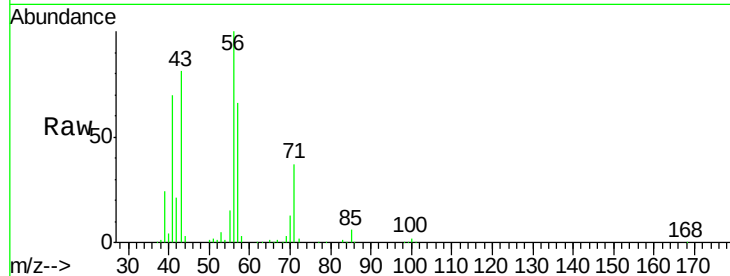




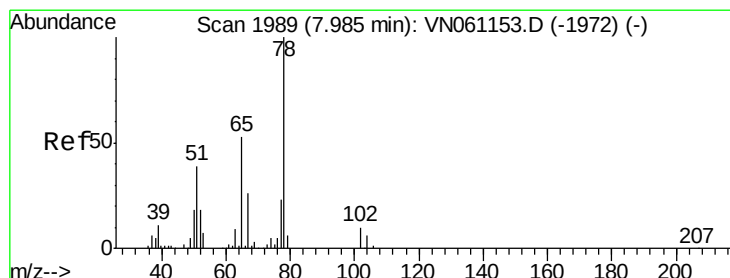
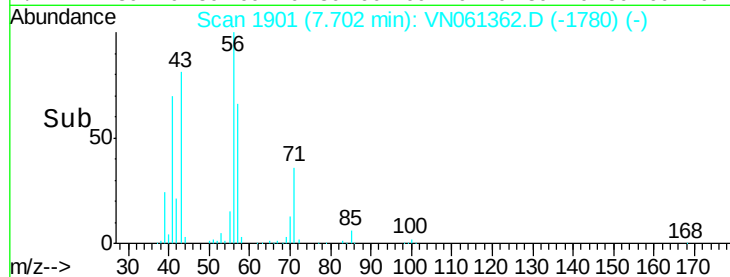
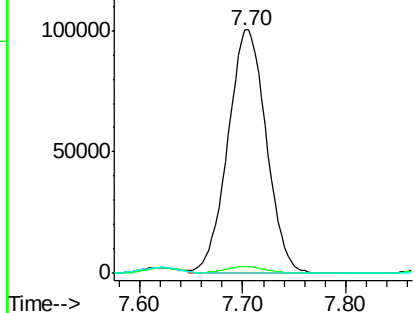
#31
Cyclohexane
Concen: 108.903 ug/l
RT: 7.70 min Scan# 1901
Delta R.T. 0.09 min
Lab File: VN061362.D
Acq: 8 May 2020 15:22

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 259314
Ion Ratio Lower Upper
56 100
69 2.9 25.7 38.5#
84 0.3 64.6 97.0#

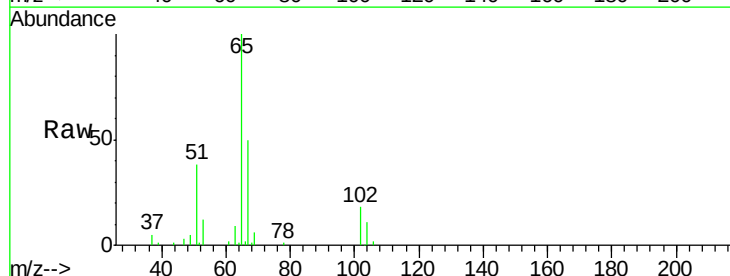


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

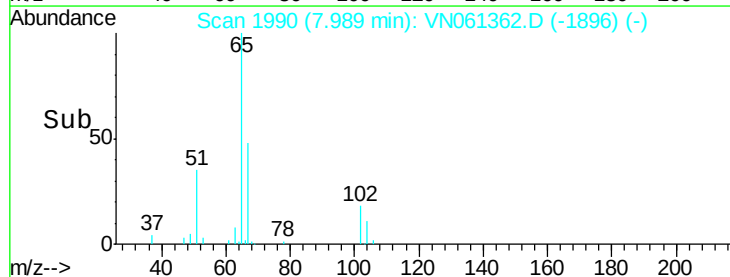
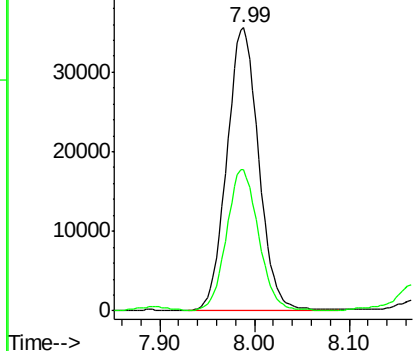


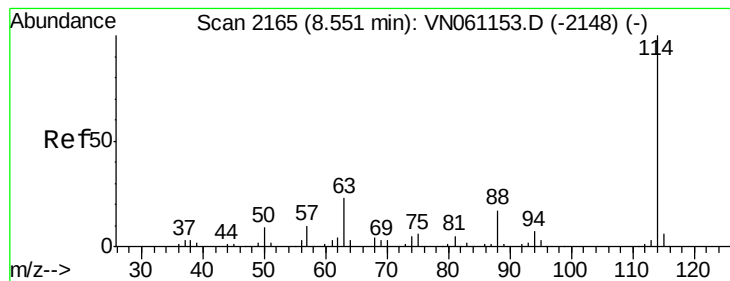
#33
1,2-Dichloroethane-d4
Concen: 51.106 ug/l
RT: 7.99 min Scan# 1990
Delta R.T. 0.00 min
Lab File: VN061362.D
Acq: 8 May 2020 15:22

Tgt Ion: 65 Resp: 83650
Ion Ratio Lower Upper
65 100
67 50.2 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VN061362.D

Acq: 8 May 2020 15:22

Instrument :

MSVOA_N

ClientSampleId :

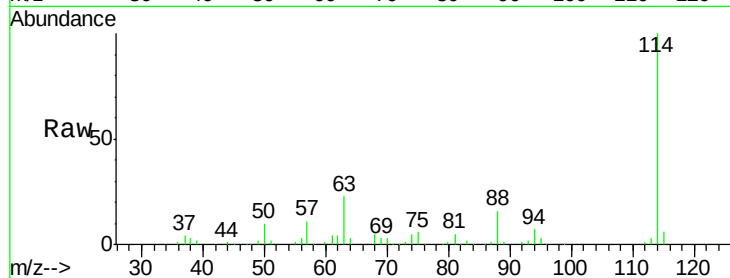
Tot Ion:114 Resp: 186936

Ion Ratio Lower Upper

114 100

63 23.5 0.0 46.6

88 16.4 0.0 33.4



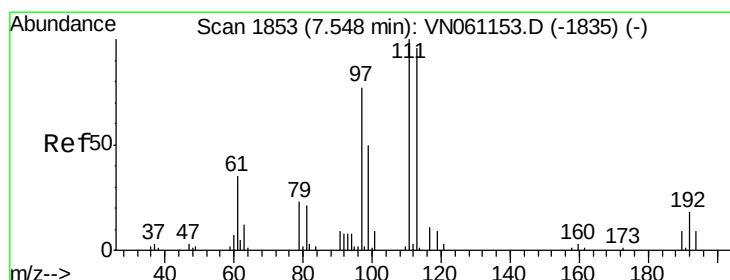
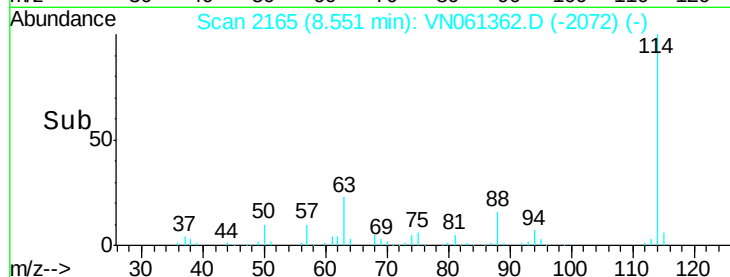
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN

8.55

Time-->



#35

Dibromofluoromethane

Concen: 49.491 ug/l

RT: 7.55 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VN061362.D

Acq: 8 May 2020 15:22

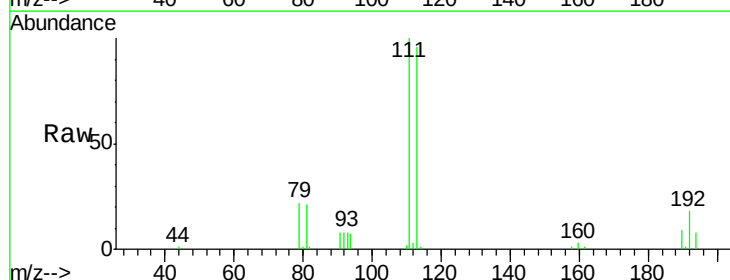
Tgt Ion:113 Resp: 54707

Ion Ratio Lower Upper

113 100

111 102.0 82.9 124.3

192 18.0 14.7 22.1



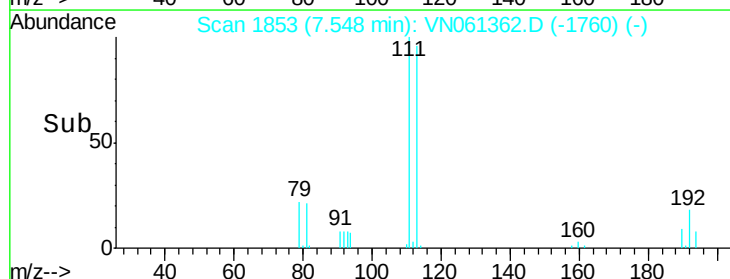
Abundance Ion 112.80 (112.50 to 113.50): V

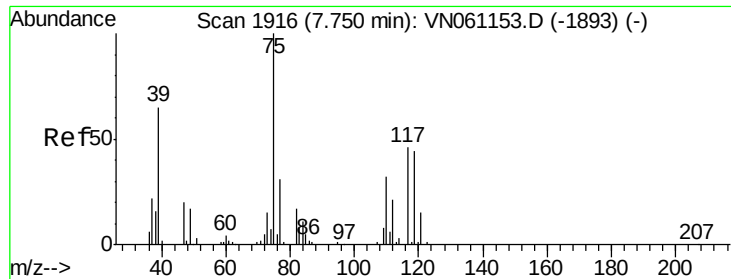
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

7.55

Time-->

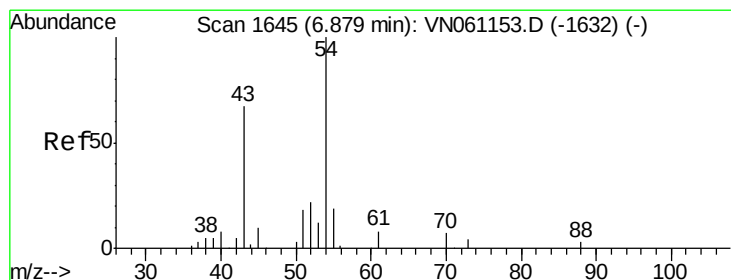
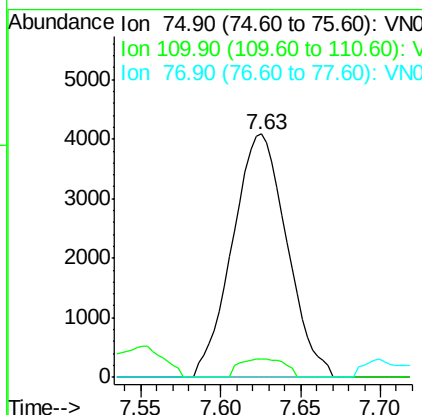
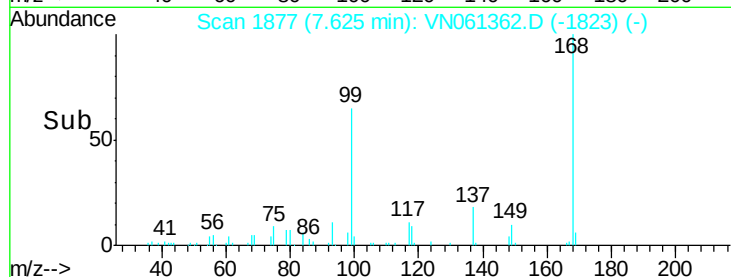
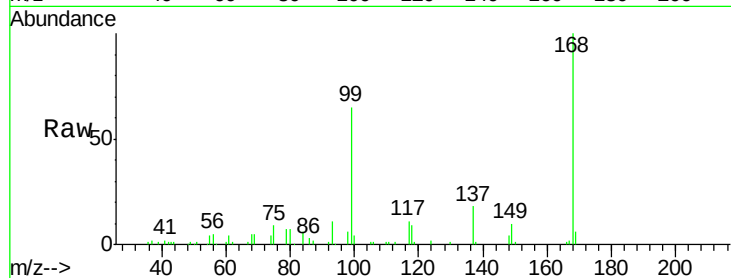




#36
 1,1-Dichloropropene
 Concen: 5.084 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. -0.13 min
 Lab File: VN061362.D
 Acq: 8 May 2020 15:22

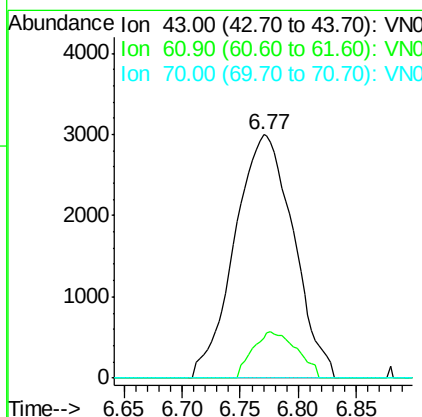
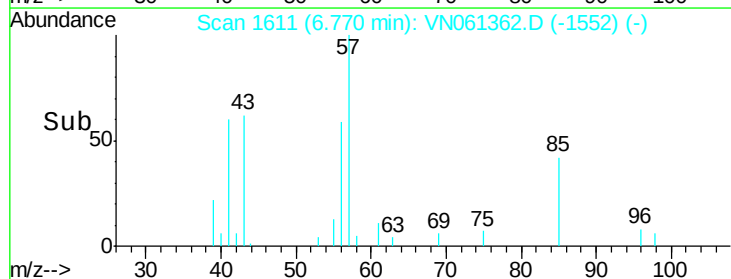
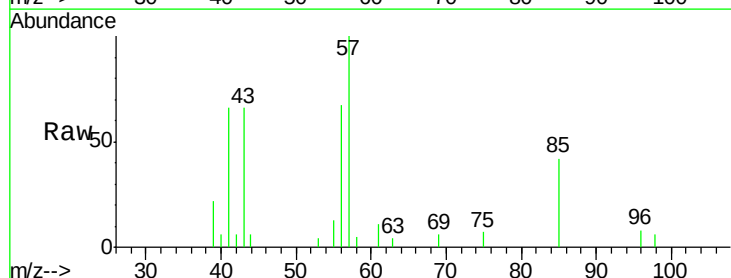
Instrument :
 MSVOA_N
 ClientSampled :

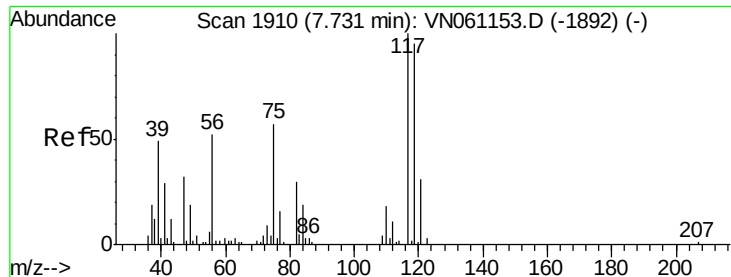
Tot Ion: 75 Resp: 9513
 Ion Ratio Lower Upper
 75 100
 110 6.4 16.0 48.0#
 77 0.0 24.6 37.0#



#37
 Ethyl Acetate
 Concen: 4.797 ug/l
 RT: 6.77 min Scan# 1611
 Delta R.T. -0.11 min
 Lab File: VN061362.D
 Acq: 8 May 2020 15:22

Tgt Ion: 43 Resp: 10524
 Ion Ratio Lower Upper
 43 100
 61 14.3 10.2 15.2
 70 0.0 7.2 10.8#

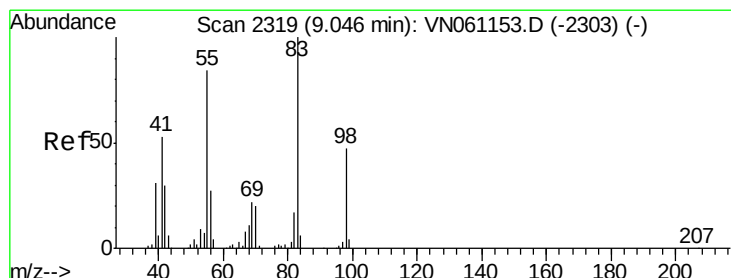
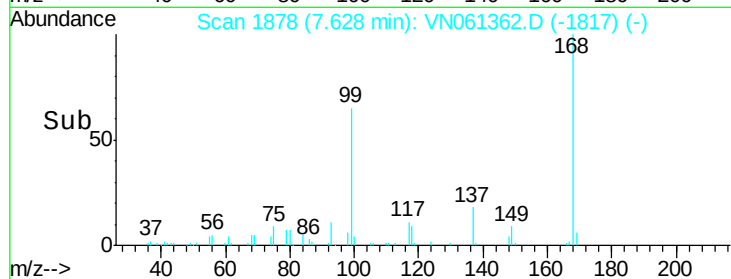
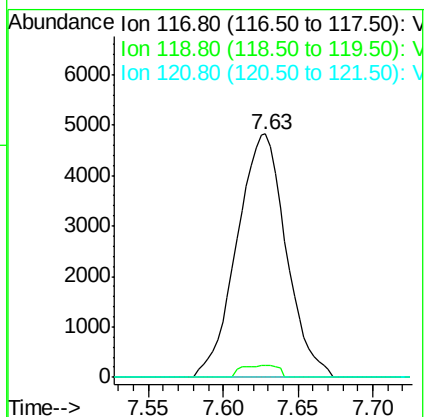
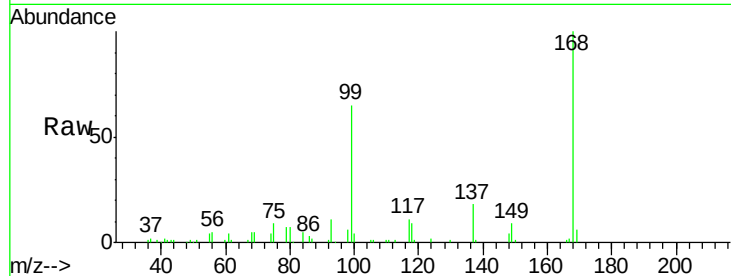




#38
Carbon Tetrachloride
Concen: 8.438 ug/l
RT: 7.63 min Scan# 1878
Delta R.T. -0.10 min
Lab File: VN061362.D
Acq: 8 May 2020 15:22

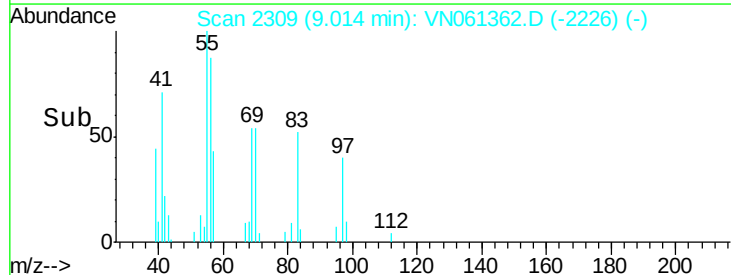
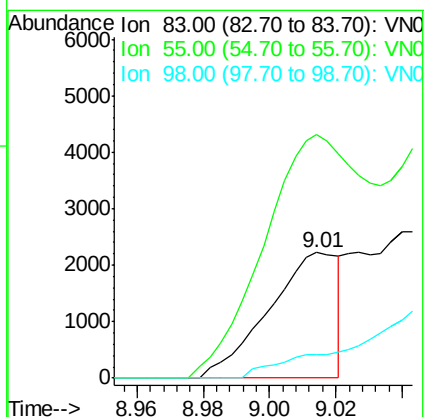
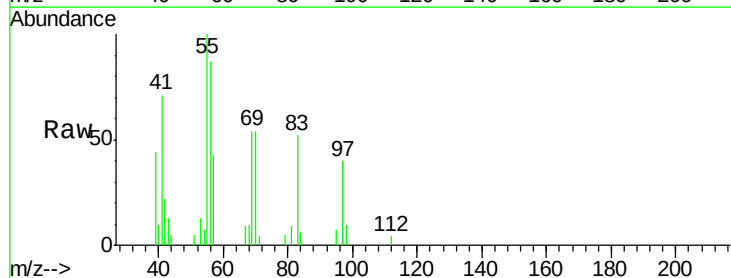
Instrument :
MSVOA_N
ClientSampled :

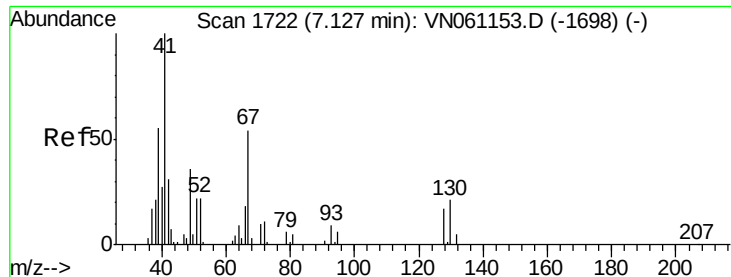
Tot Ion:117 Resp: 11006
Ion Ratio Lower Upper
117 100
119 5.1 75.8 113.6#
121 0.0 24.7 37.1#



#39
Methylcyclohexane
Concen: 1.557 ug/l
RT: 9.01 min Scan# 2309
Delta R.T. -0.03 min
Lab File: VN061362.D
Acq: 8 May 2020 15:22

Tgt Ion: 83 Resp: 3268
Ion Ratio Lower Upper
83 100
55 193.9 67.3 100.9#
98 18.7 37.7 56.5#

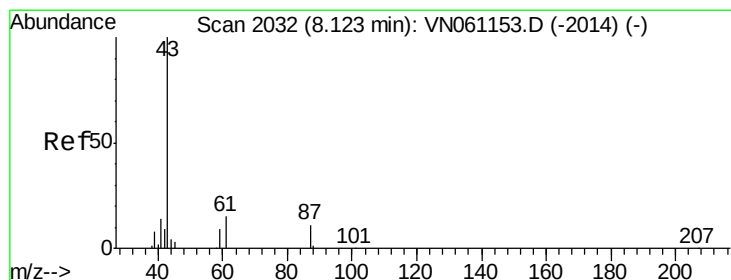
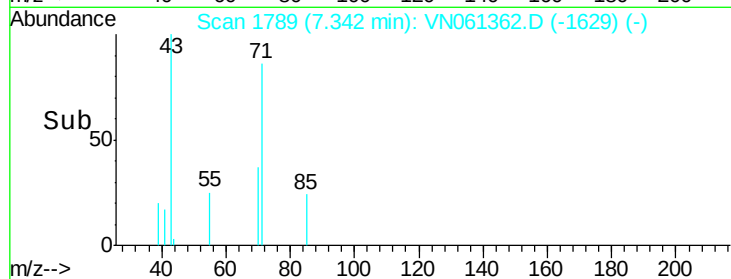
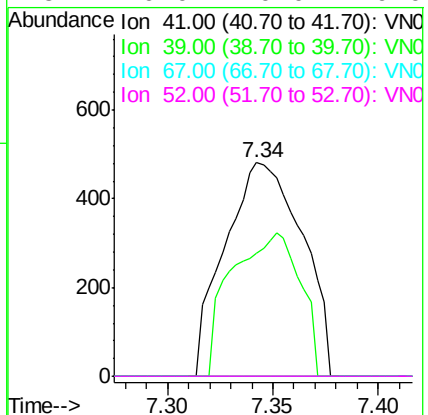
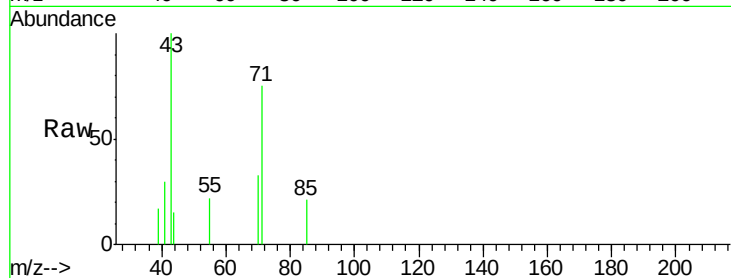




#41
Methacrylonitrile
Concen: 1.353 ug/l
RT: 7.34 min Scan# 1789
Delta R.T. 0.22 min
Lab File: VN061362.D
Acq: 8 May 2020 15:22

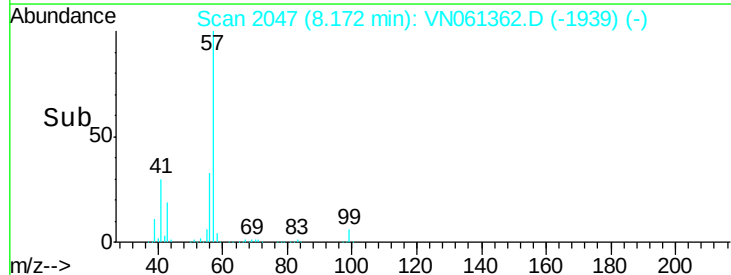
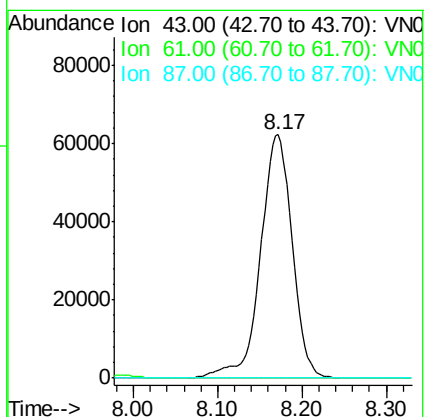
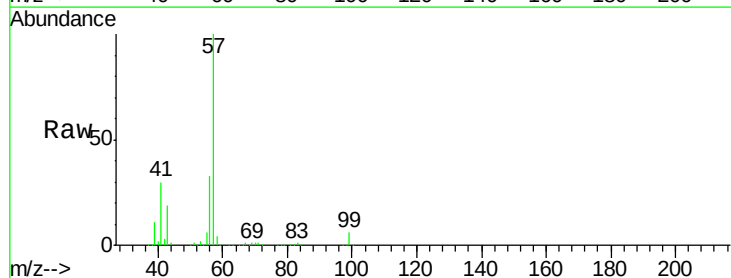
Instrument :
MSVOA_N
ClientSampleId :

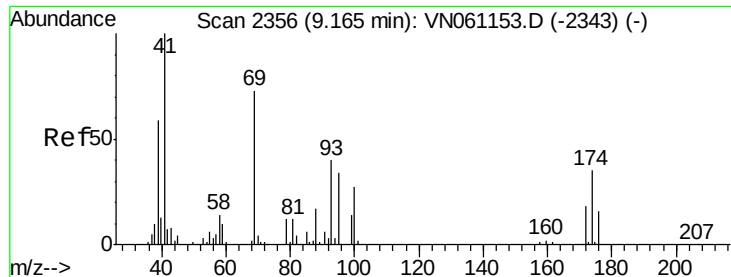
Tot Ion:	41	Resp:	1232
Ion	Ratio	Lower	Upper
41	100		
39	59.0	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#43
Isopropyl Acetate
Concen: 44.662 ug/l
RT: 8.17 min Scan# 2047
Delta R.T. 0.05 min
Lab File: VN061362.D
Acq: 8 May 2020 15:22

Tgt Ion:	43	Resp:	162608
Ion	Ratio	Lower	Upper
43	100		
61	0.0	19.5	29.3#
87	0.0	8.9	13.3#

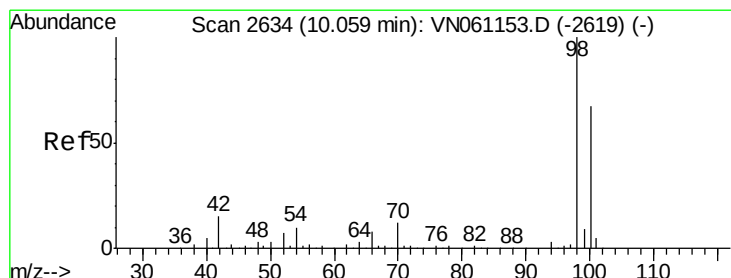
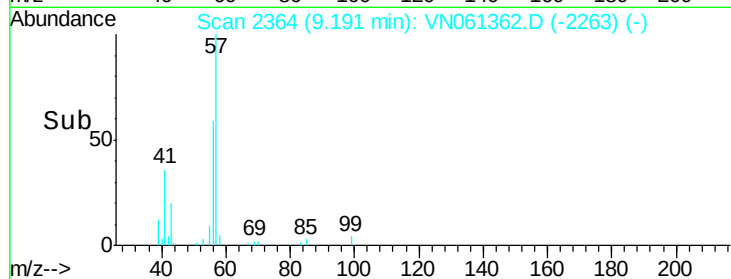
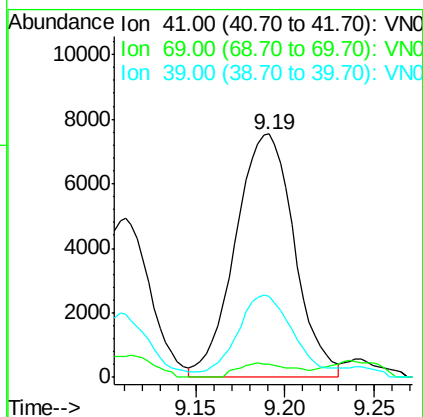
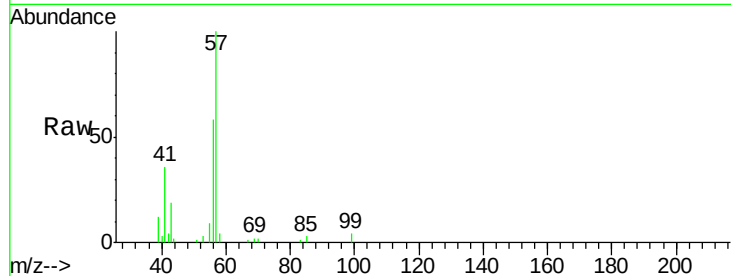




#48
Methvl methacrylate
Concen: 10.579 ug/l
RT: 9.19 min Scan# 2364
Delta R.T. 0.03 min
Lab File: VN061362.D
Acq: 8 May 2020 15:22

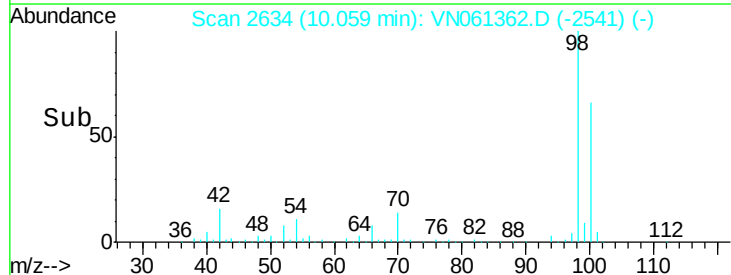
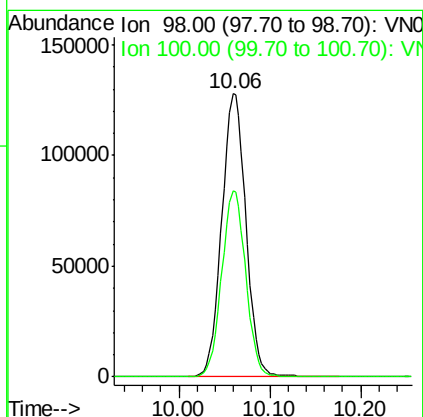
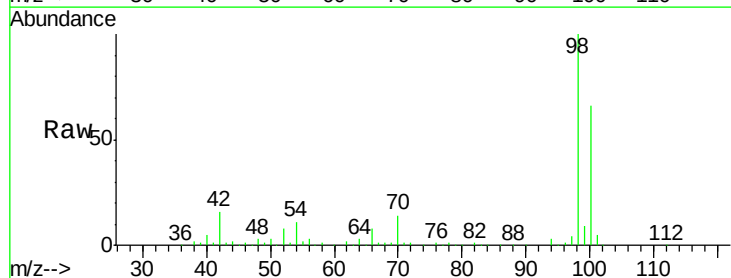
Instrument :
MSVOA_N
ClientSampled :

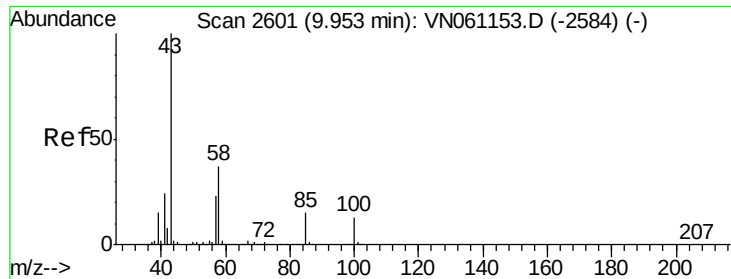
Tot Ion: 41 Resp: 17380
Ion Ratio Lower Upper
41 100
69 5.4 60.3 90.5#
39 28.1 47.4 71.0#



#50
Toluene-d8
Concen: 52.415 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061362.D
Acq: 8 May 2020 15:22

Tgt Ion: 98 Resp: 236191
Ion Ratio Lower Upper
98 100
100 65.4 53.4 80.0

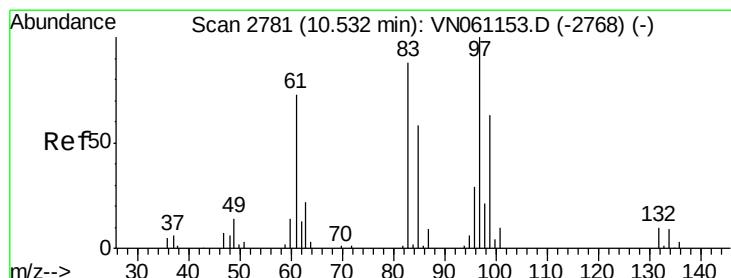
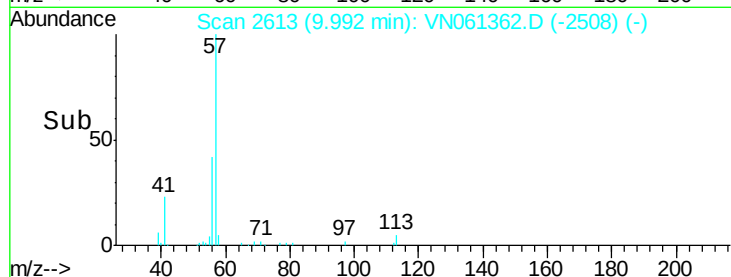
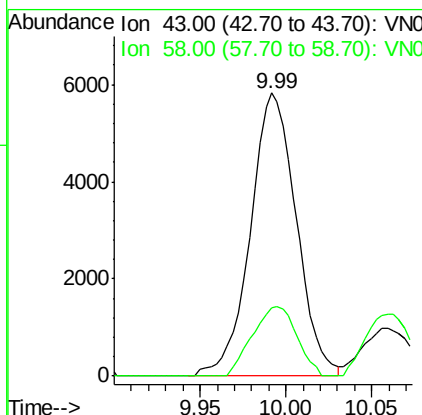
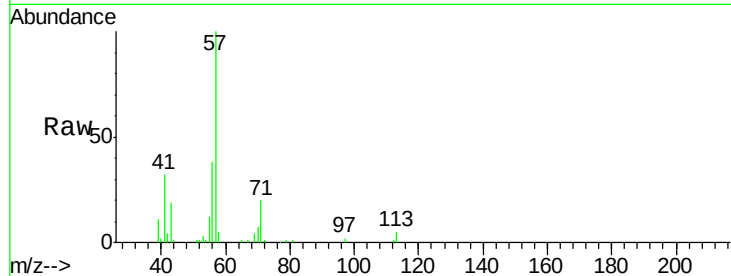




#51
 4-Methyl-2-Pentanone
 Concen: 5.018 ug/l
 RT: 9.99 min Scan# 2613
 Delta R.T. 0.04 min
 Lab File: VN061362.D
 Acq: 8 May 2020 15:22

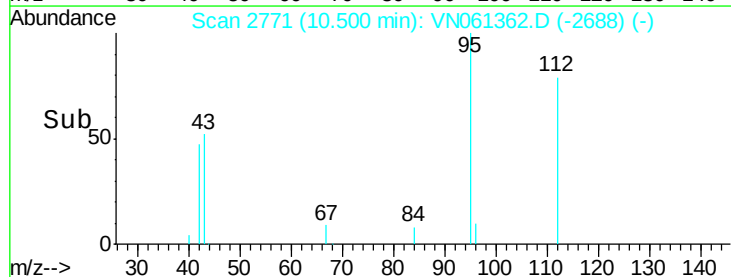
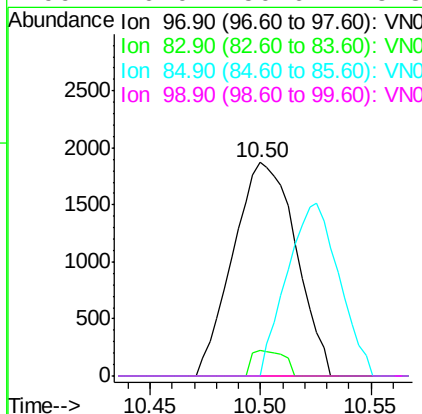
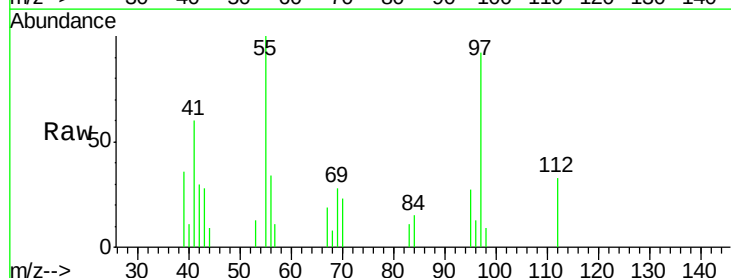
Instrument :
 MSVOA_N
 ClientSampleId :

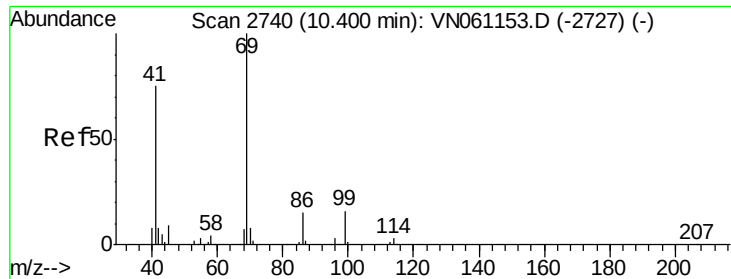
Tot Ion: 43 Resp: 10755
 Ion Ratio Lower Upper
 43 100
 58 23.8 29.1 43.7#



#55
 1,1,2-Trichloroethane
 Concen: 2.767 ug/l
 RT: 10.50 min Scan# 2771
 Delta R.T. -0.03 min
 Lab File: VN061362.D
 Acq: 8 May 2020 15:22

Tgt Ion: 97 Resp: 3706
 Ion Ratio Lower Upper
 97 100
 83 11.9 70.6 106.0#
 85 0.0 46.4 69.6#
 99 0.0 50.6 75.8#

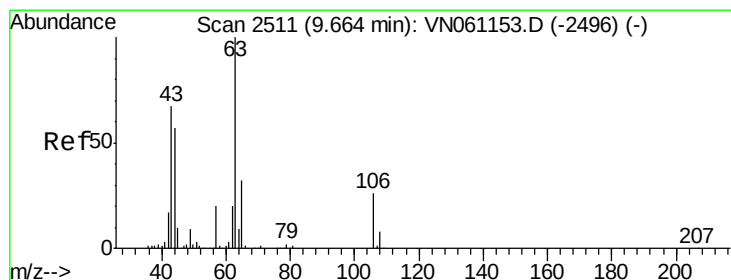
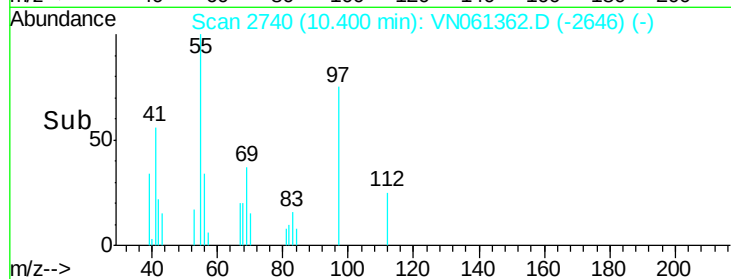
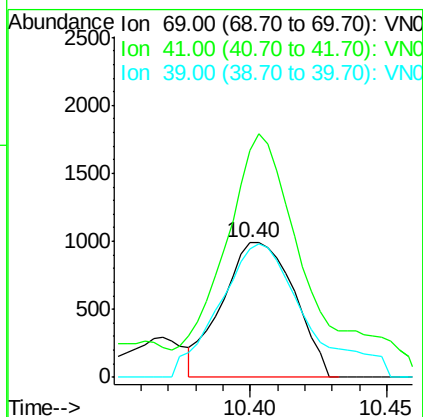
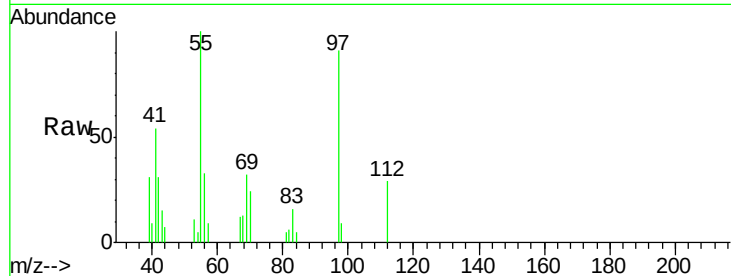




#56
Ethyl methacrylate
Concen: 3.465 ug/l
RT: 10.40 min Scan# 2740
Delta R.T. 0.00 min
Lab File: VN061362.D
Acq: 8 May 2020 15:22

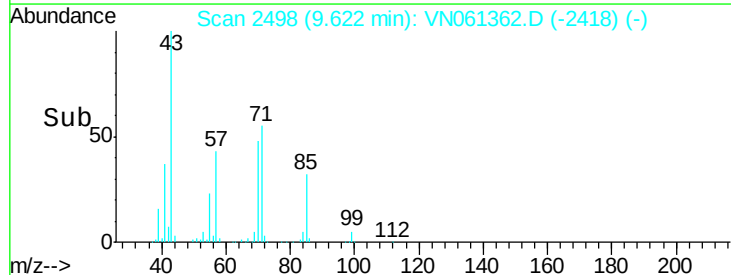
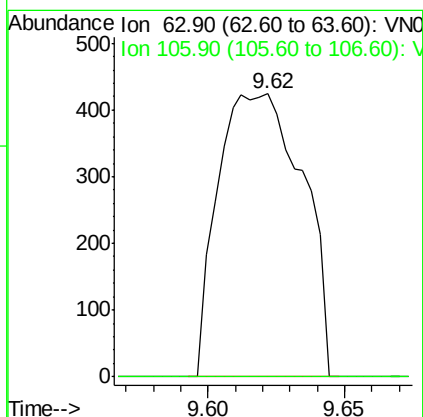
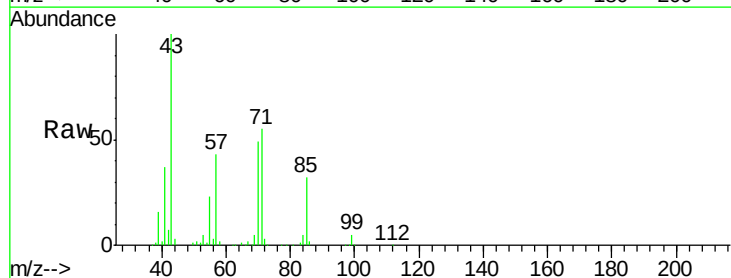
Instrument :
MSVOA_N
ClientSampled :

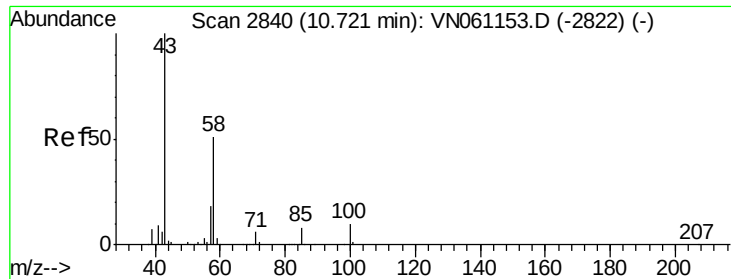
Tot Ion: 69 Resp: 1822
Ion Ratio Lower Upper
69 100
41 207.8 60.3 90.5#
39 117.1 35.9 53.9#



#58
2-Chloroethyl Vinyl ether
Concen: 0.840 ug/l
RT: 9.62 min Scan# 2498
Delta R.T. -0.04 min
Lab File: VN061362.D
Acq: 8 May 2020 15:22

Tgt Ion: 63 Resp: 911
Ion Ratio Lower Upper
63 100
106 0.0 20.6 30.8#





#59

2-Hexanone

Concen: 1.109 ug/l

RT: 10.69 min Scan# 2830

Delta R.T. -0.03 min

Lab File: VN061362.D

Acq: 8 May 2020 15:22

Instrument :

MSVOA_N

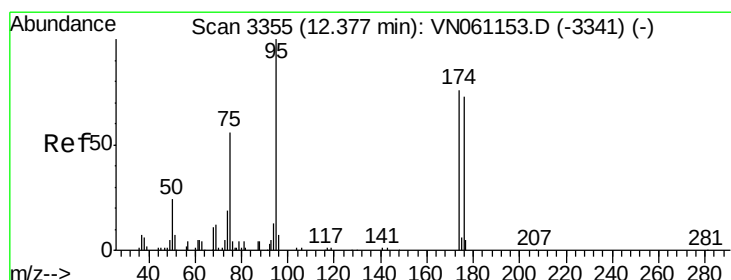
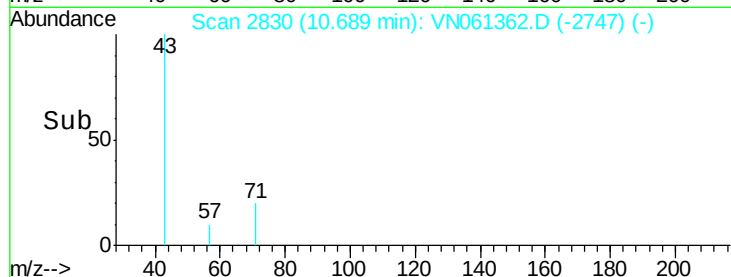
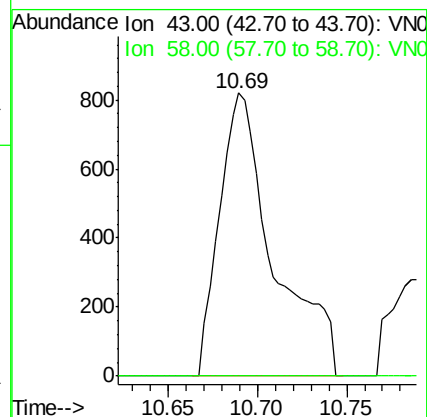
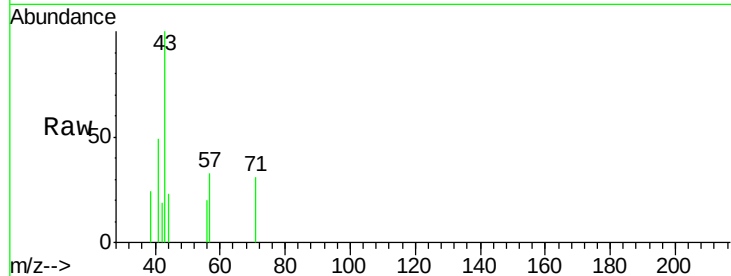
ClientSampleId :

Tot Ion: 43 Resp: 1729

Ion Ratio Lower Upper

43 100

58 0.0 25.4 76.4#



#62

4-Bromofluorobenzene

Concen: 51.368 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061362.D

Acq: 8 May 2020 15:22

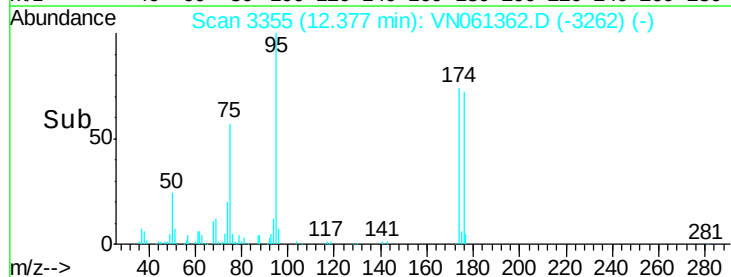
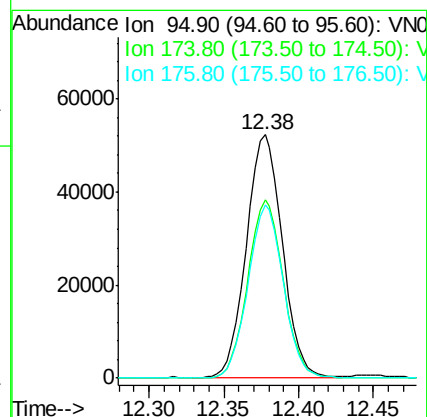
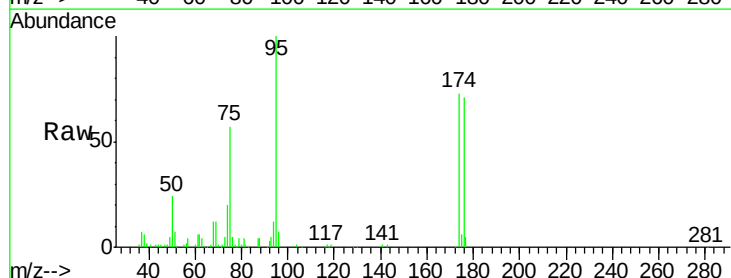
Tgt Ion: 95 Resp: 87107

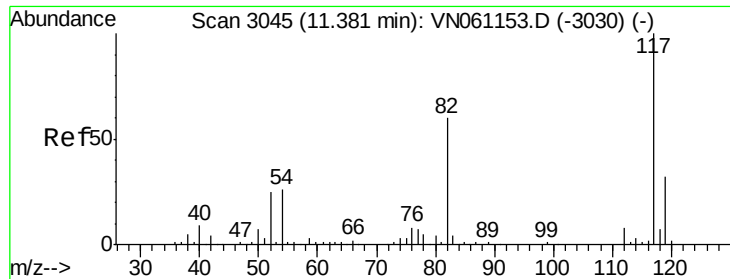
Ion Ratio Lower Upper

95 100

174 72.8 0.0 149.4

176 70.1 0.0 144.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 3045

Delta R.T. 0.00 min

Lab File: VN061362.D

Acq: 8 May 2020 15:22

Instrument :

MSVOA_N

ClientSampleId :

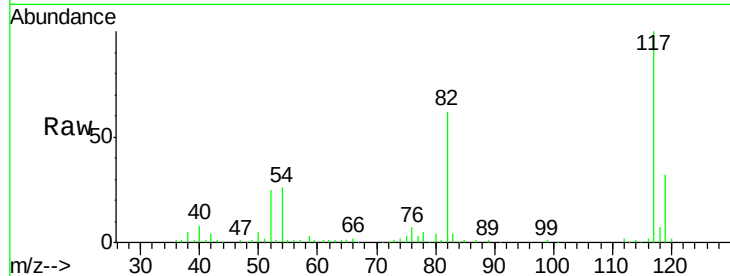
Tot Ion:117 Resp: 176585

Ion Ratio Lower Upper

117 100

82 61.7 47.8 71.8

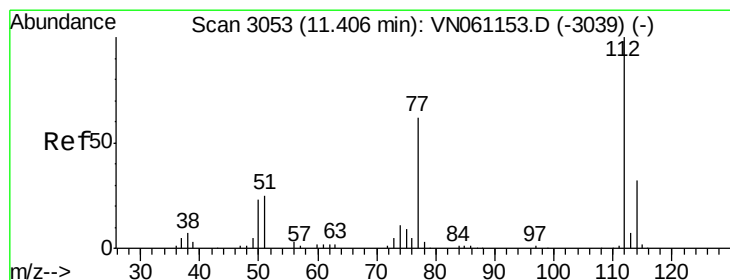
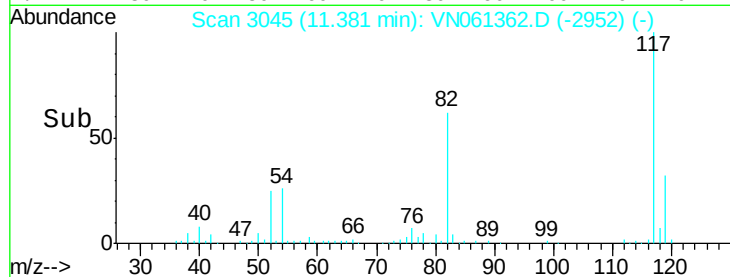
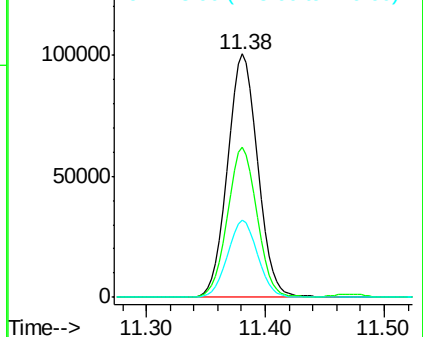
119 31.9 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#65

Chlorobenzene

Concen: 14.999 ug/l

RT: 11.41 min Scan# 3053

Delta R.T. 0.00 min

Lab File: VN061362.D

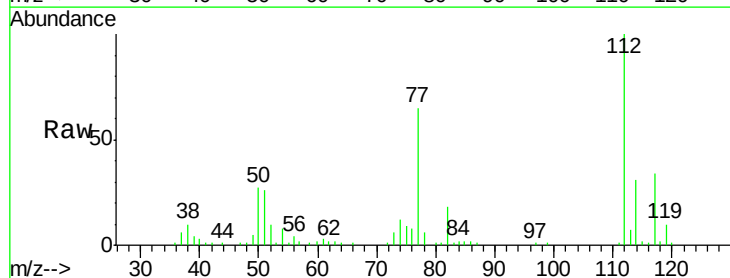
Acq: 8 May 2020 15:22

Tgt Ion:112 Resp: 52538

Ion Ratio Lower Upper

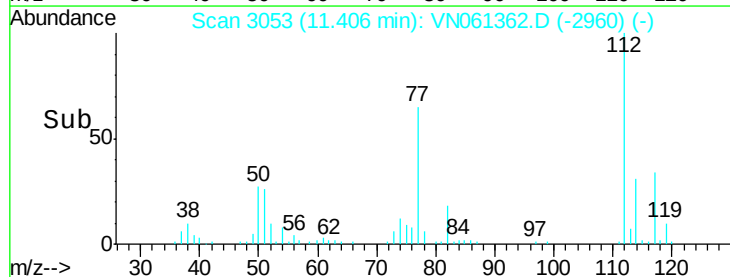
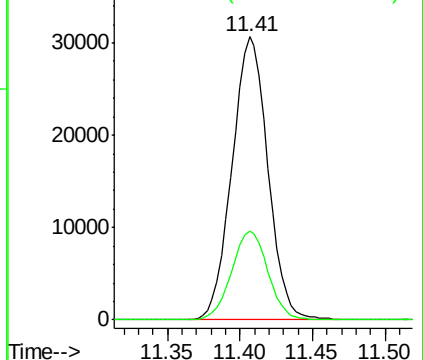
112 100

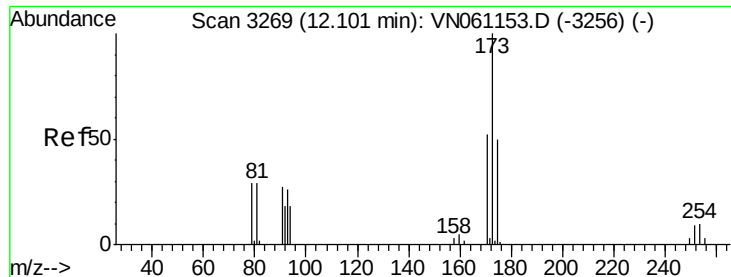
114 31.3 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#71

Bromoform

Concen: 0.246 ug/l

RT: 12.37 min Scan# 3353

Delta R.T. 0.27 min

Lab File: VN061362.D

Acq: 8 May 2020 15:22

Instrument :

MSVOA_N

ClientSampleId :

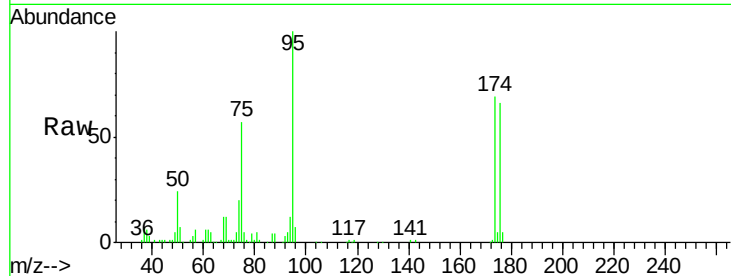
Tot Ion:173 Resp: 227

Ion Ratio Lower Upper

173 100

175 1766.5 24.1 72.4#

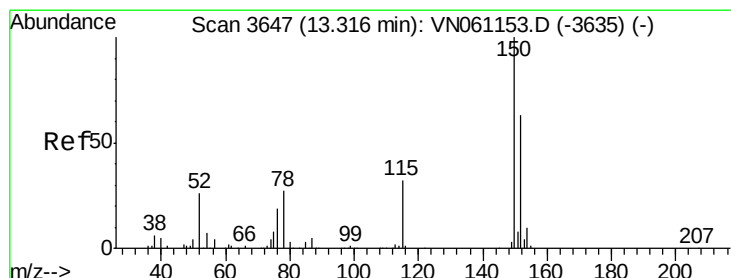
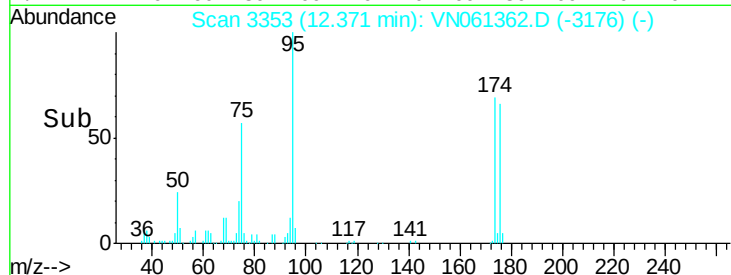
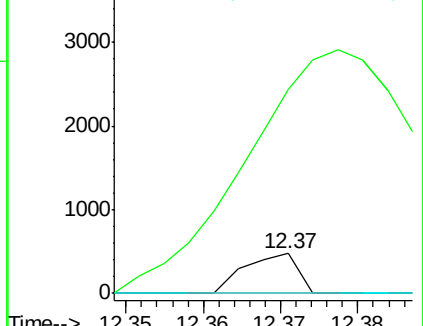
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3648

Delta R.T. 0.00 min

Lab File: VN061362.D

Acq: 8 May 2020 15:22

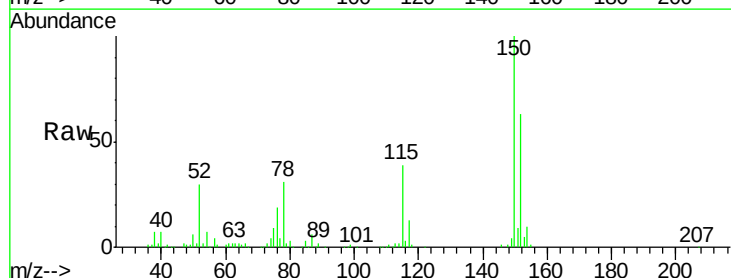
Tgt Ion:152 Resp: 78787

Ion Ratio Lower Upper

152 100

115 63.2 31.0 93.0

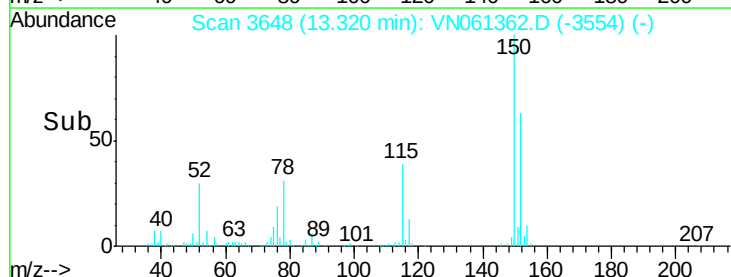
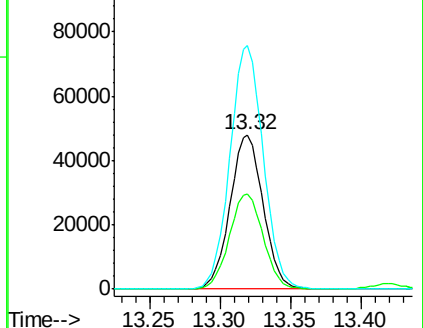
150 159.0 0.0 351.8

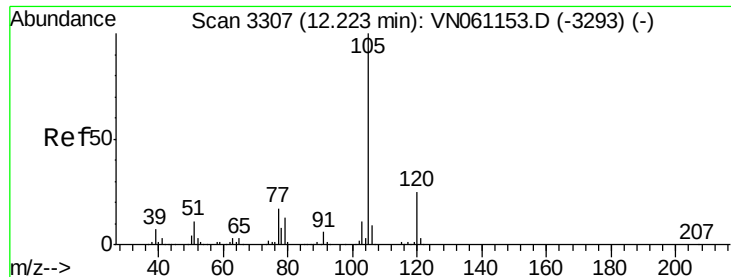


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.628 ug/l

RT: 12.23 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN061362.D

Acq: 8 May 2020 15:22

Instrument :

MSVOA_N

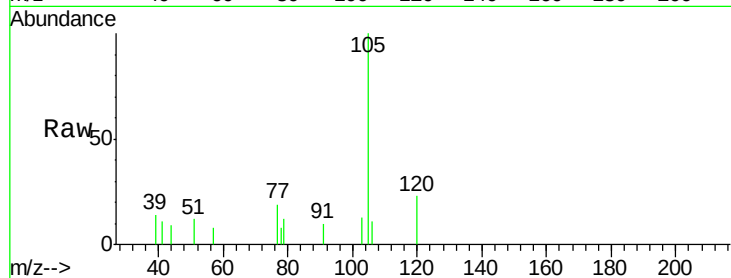
ClientSampled :

Tot Ion:105 Resp: 3639

Ion Ratio Lower Upper

105 100

120 21.0 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

2500

2000

1500

1000

500

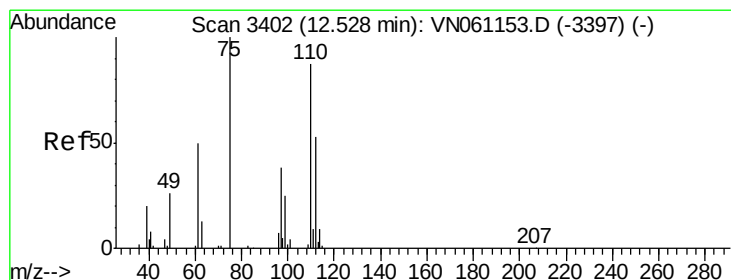
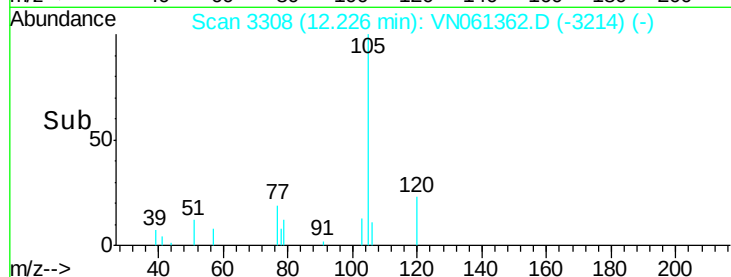
0

12.20

12.23

12.25

Time-->



#76

1,2,3-Trichloropropane

Concen: 29.562 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. -0.15 min

Lab File: VN061362.D

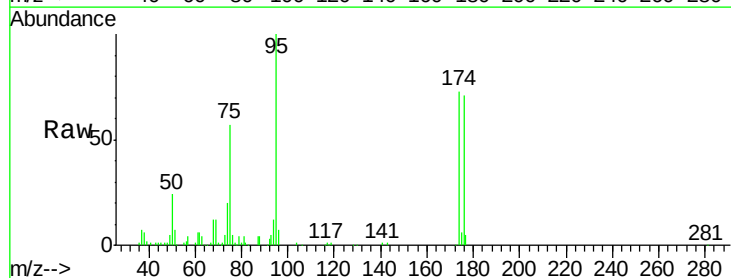
Acq: 8 May 2020 15:22

Tgt Ion: 75 Resp: 49103

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

30000

20000

10000

0

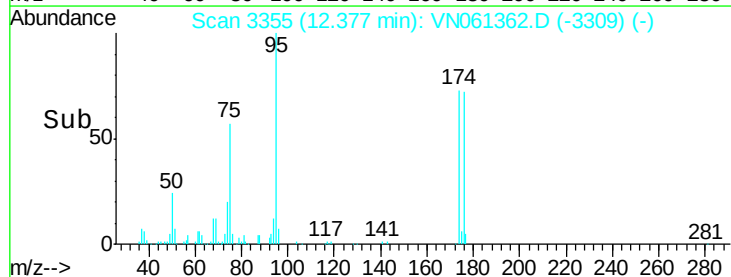
12.30

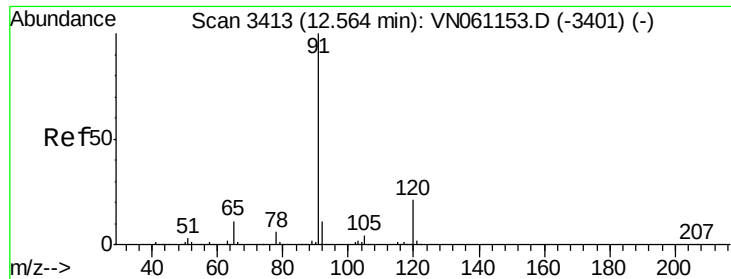
12.35

12.40

12.45

Time-->





#78

n-propylbenzene

Concen: 0.226 ug/l

RT: 12.57 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VN061362.D

Acq: 8 May 2020 15:22

Instrument :

MSVOA_N

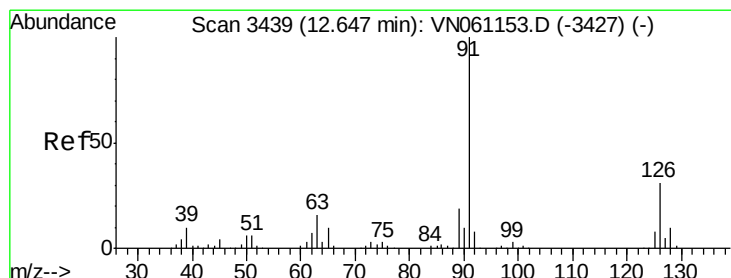
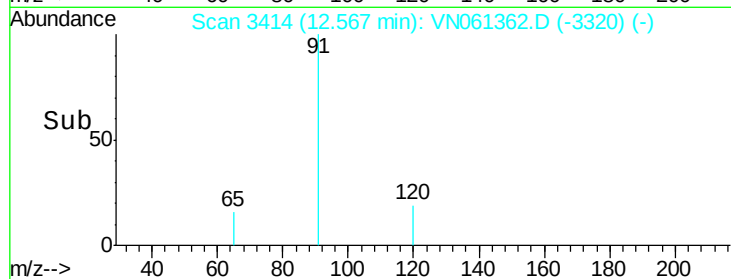
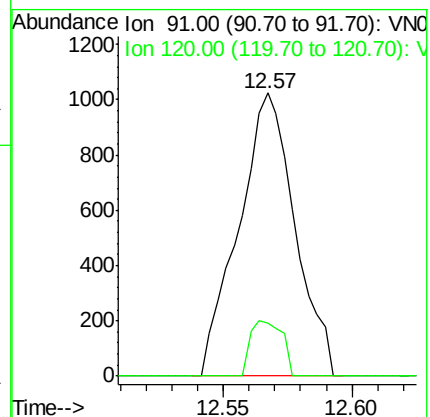
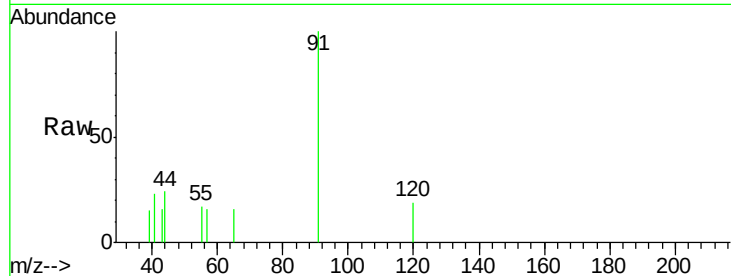
ClientSampleId :

Tot Ion: 91 Resp: 1555

Ion Ratio Lower Upper

91 100

120 11.0 10.8 32.3



#79

2-Chlorotoluene

Concen: 0.385 ug/l

RT: 12.57 min Scan# 3414

Delta R.T. -0.08 min

Lab File: VN061362.D

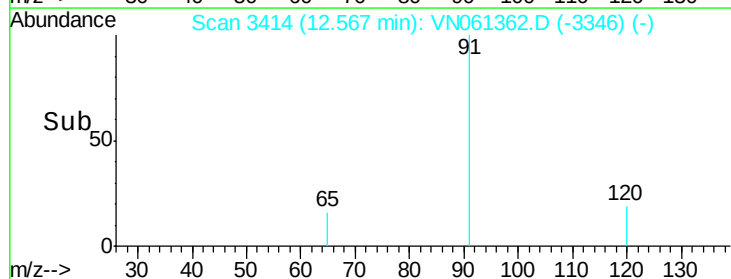
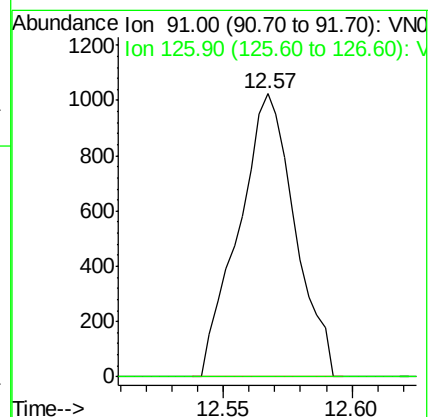
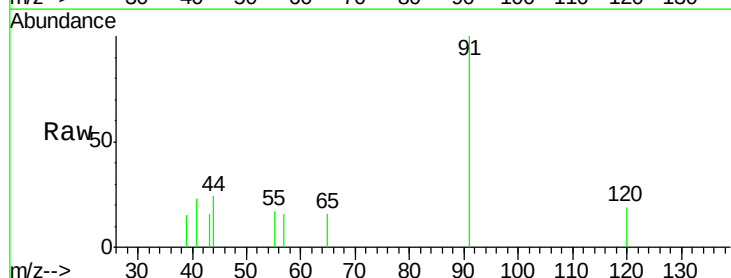
Acq: 8 May 2020 15:22

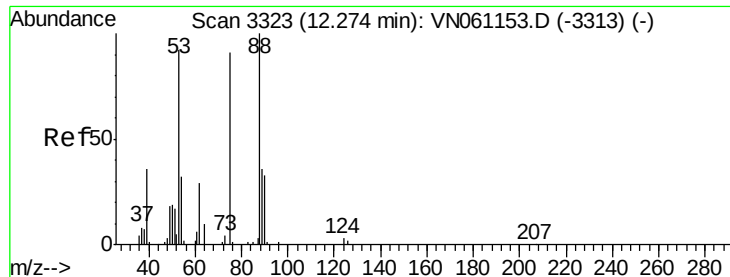
Tgt Ion: 91 Resp: 1555

Ion Ratio Lower Upper

91 100

126 0.0 15.9 47.7#





#81

trans-1,4-Dichloro-2-butene

Concen: 75.071 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.10 min

Lab File: VN061362.D

Acq: 8 May 2020 15:22

Instrument :

MSVOA_N

ClientSampleId :

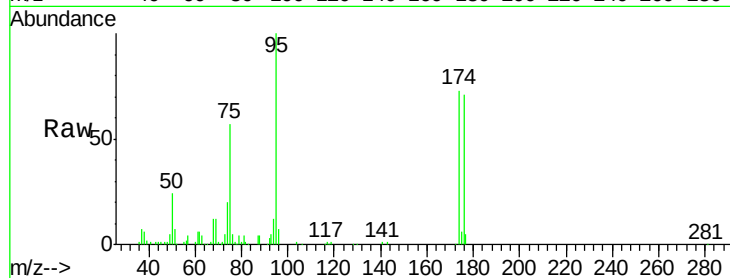
Tot Ion: 75 Resp: 49103

Ion Ratio Lower Upper

75 100

53 0.0 84.1 126.1#

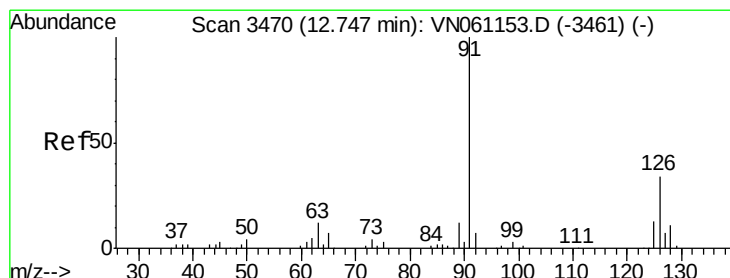
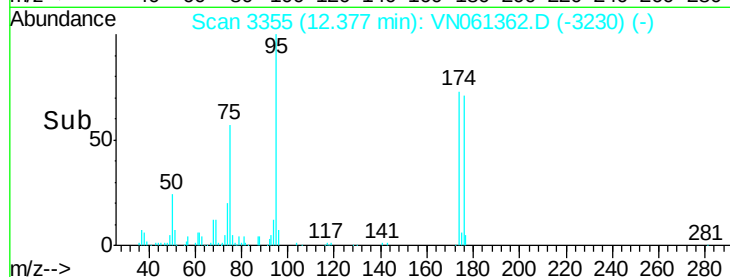
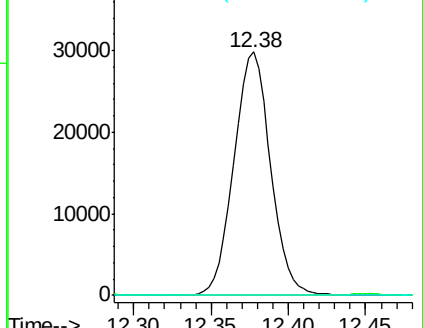
89 0.0 35.2 52.8#



Abundance Ion 74.90 (74.60 to 75.60): VN061153.D (-3313) (-)

Ion 53.00 (52.70 to 53.70): VN061153.D (-3313) (-)

Ion 88.90 (88.60 to 89.60): VN061153.D (-3313) (-)



#82

4-Chlorotoluene

Concen: 0.365 ug/l

RT: 12.57 min Scan# 3414

Delta R.T. -0.18 min

Lab File: VN061362.D

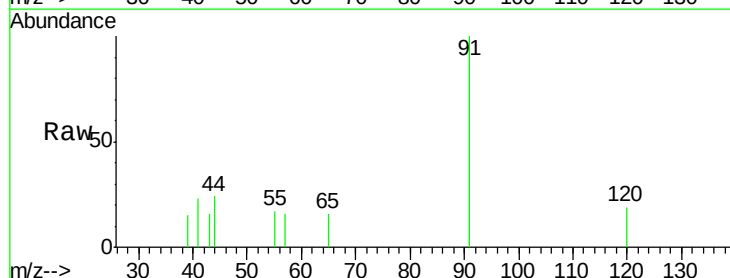
Acq: 8 May 2020 15:22

Tgt Ion: 91 Resp: 1555

Ion Ratio Lower Upper

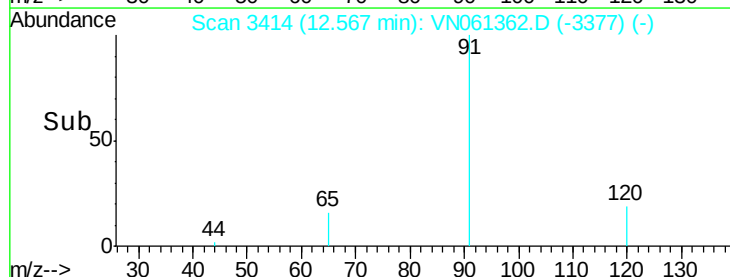
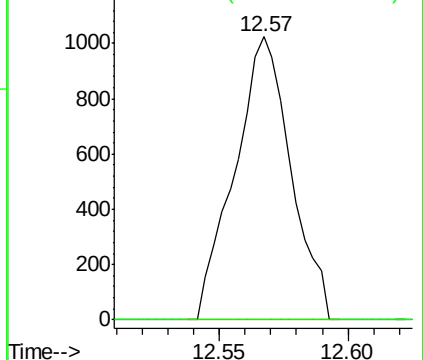
91 100

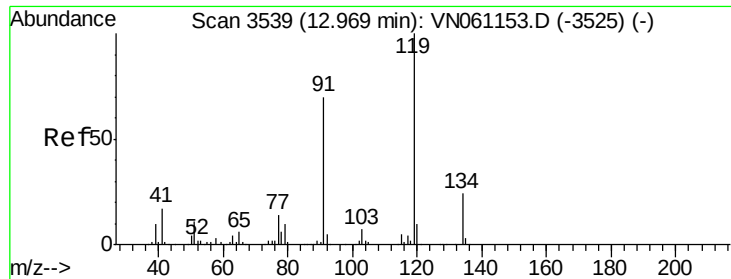
126 0.0 15.7 47.1#



Abundance Ion 91.00 (90.70 to 91.70): VN061153.D (-3461) (-)

Ion 125.90 (125.60 to 126.60): VN061153.D (-3461) (-)

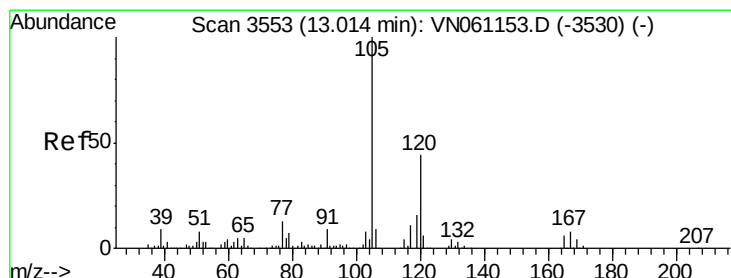
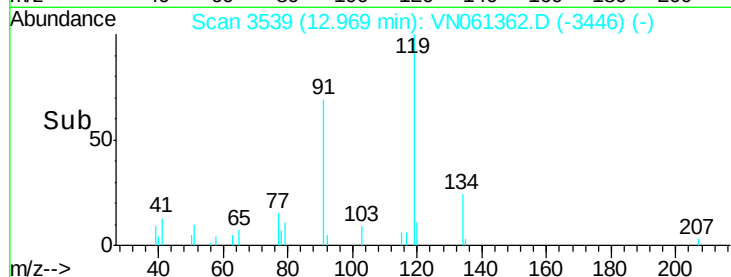
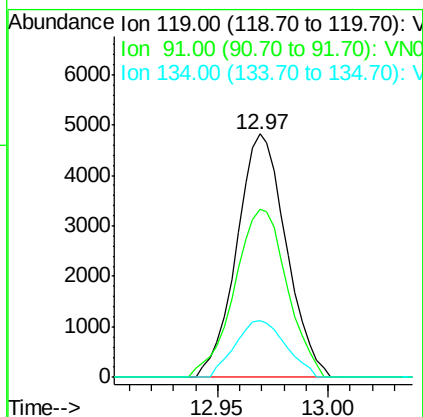
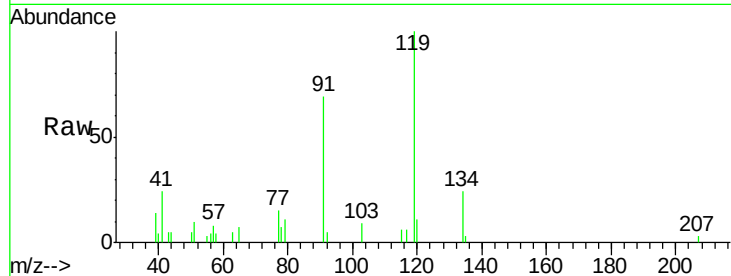




#83
 tert-Butylbenzene
 Concen: 1.856 ug/l
 RT: 12.97 min Scan# 3539
 Delta R.T. 0.00 min
 Lab File: VN061362.D
 Acq: 8 May 2020 15:22

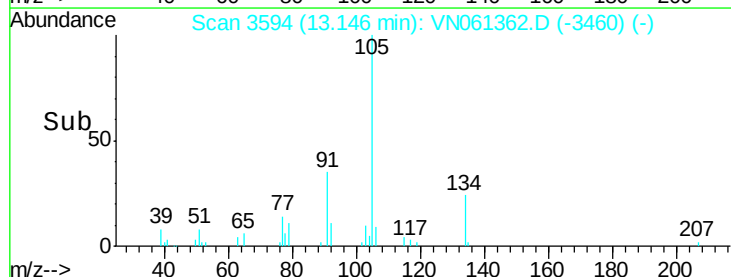
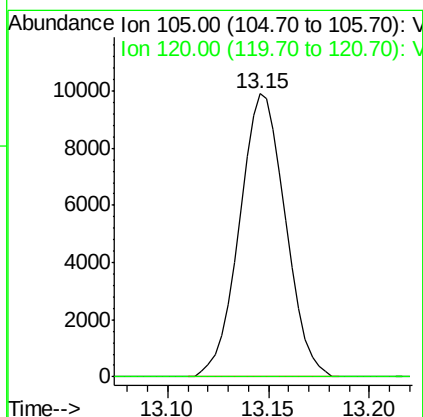
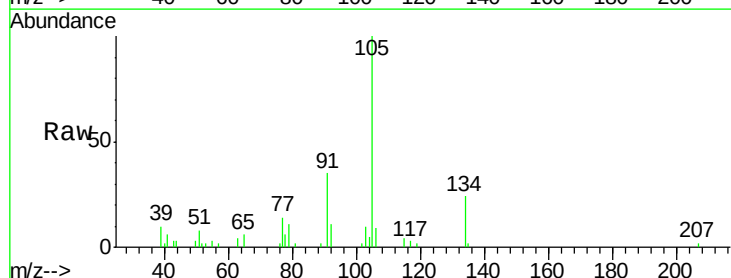
Instrument :
 MSVOA_N
 ClientSampled :

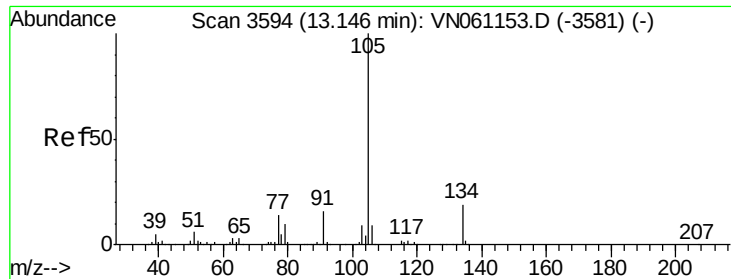
Tot Ion:119 Resp: 7502
 Ion Ratio Lower Upper
 119 100
 91 73.4 34.8 104.4
 134 23.9 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 3.194 ug/l
 RT: 13.15 min Scan# 3594
 Delta R.T. 0.13 min
 Lab File: VN061362.D
 Acq: 8 May 2020 15:22

Tgt Ion:105 Resp: 15776
 Ion Ratio Lower Upper
 105 100
 120 0.0 22.2 66.6#





#85

sec-Butylbenzene

Concen: 2.863 ug/l

RT: 13.15 min Scan# 3594

Delta R.T. 0.00 min

Lab File: VN061362.D

Acq: 8 May 2020 15:22

Instrument :

MSVOA_N

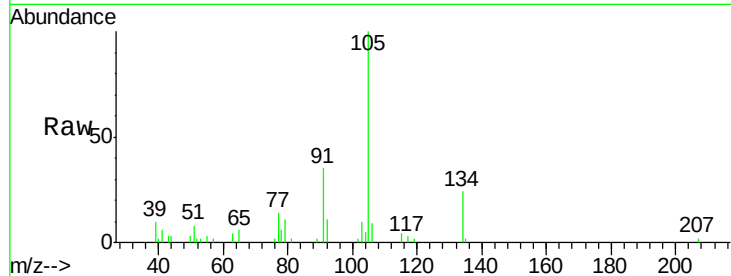
ClientSampled :

Tot Ion:105 Resp: 15776

Ion Ratio Lower Upper

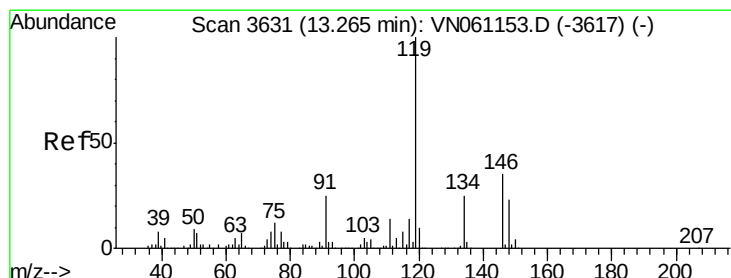
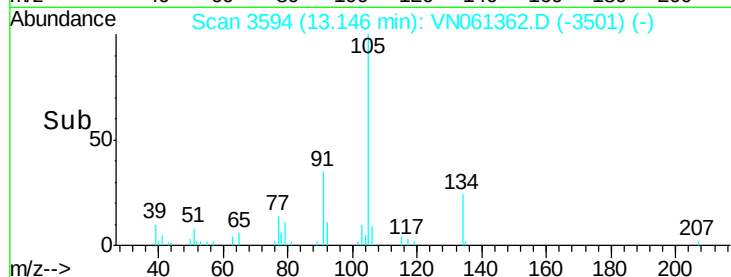
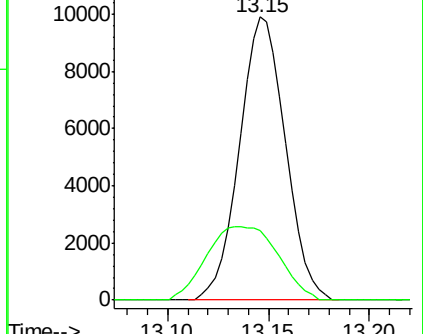
105 100

134 40.2 9.6 28.8#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 5.603 ug/l

RT: 13.42 min Scan# 3679

Delta R.T. 0.15 min

Lab File: VN061362.D

Acq: 8 May 2020 15:22

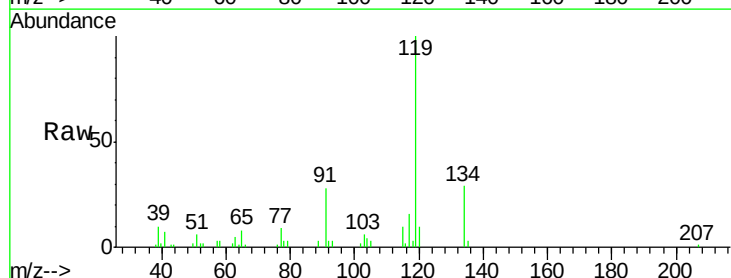
Tgt Ion:119 Resp: 27822

Ion Ratio Lower Upper

119 100

134 27.0 12.6 37.6

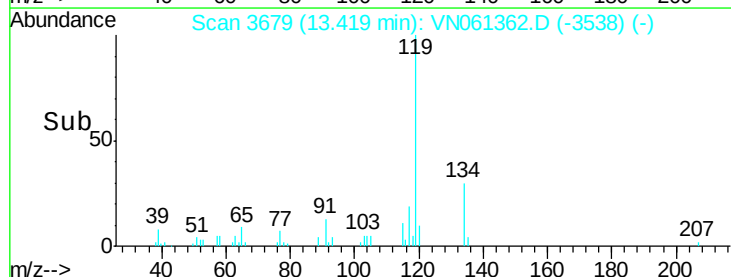
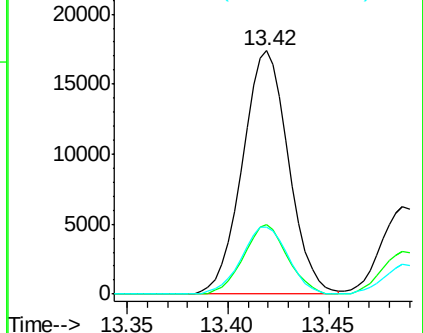
91 27.8 12.7 38.0

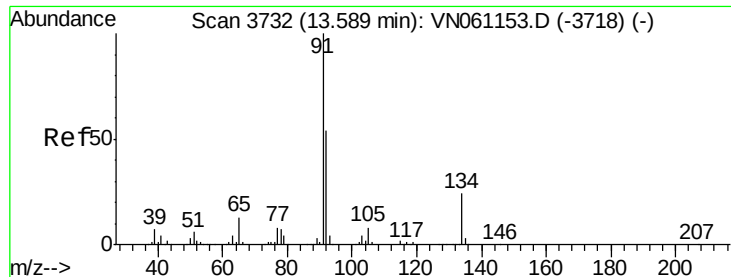


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#89

n-Butylbenzene

Concen: 0.482 ug/l

RT: 13.59 min Scan# 3732

Delta R.T. 0.00 min

Lab File: VN061362.D

Acq: 8 May 2020 15:22

Instrument :

MSVOA_N

ClientSampled :

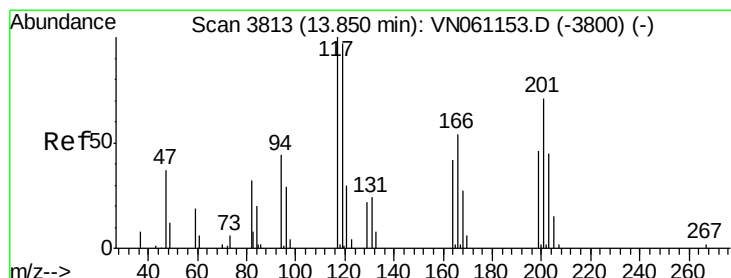
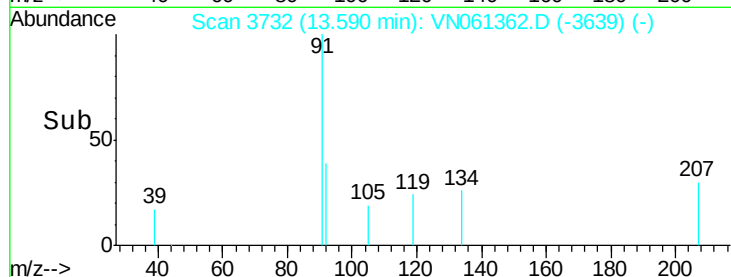
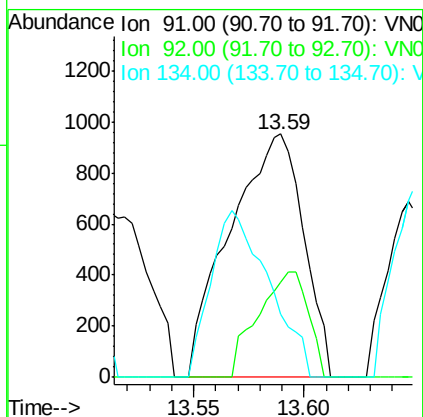
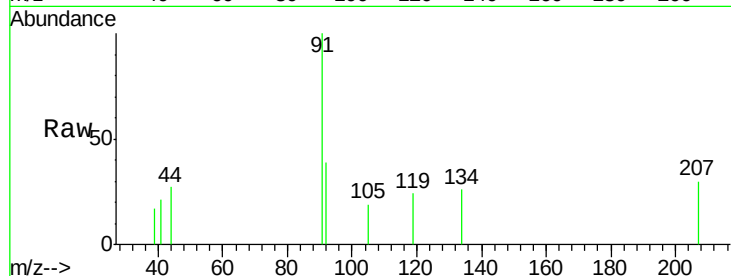
Tot Ion: 91 Resp: 2196

Ion Ratio Lower Upper

91 100

92 29.4 26.8 80.3

134 0.0 11.9 35.5#



#90

Hexachloroethane

Concen: 13.635 ug/l

RT: 13.87 min Scan# 3818

Delta R.T. 0.02 min

Lab File: VN061362.D

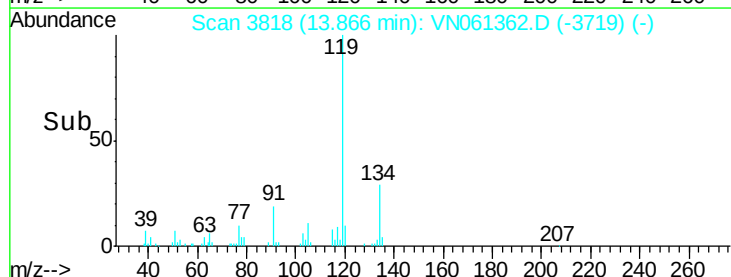
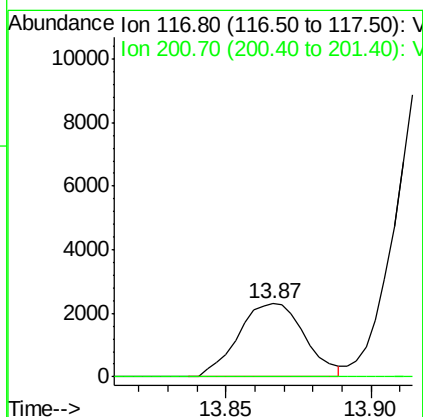
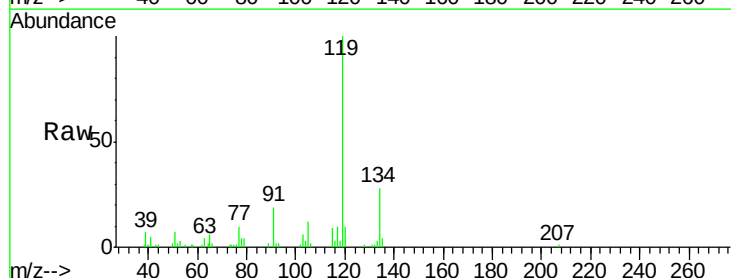
Acq: 8 May 2020 15:22

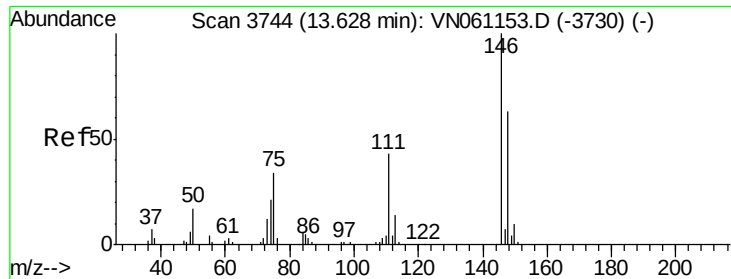
Tgt Ion: 117 Resp: 3672

Ion Ratio Lower Upper

117 100

201 0.0 35.5 106.7#

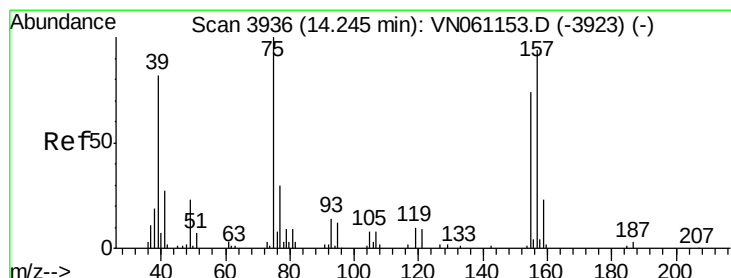
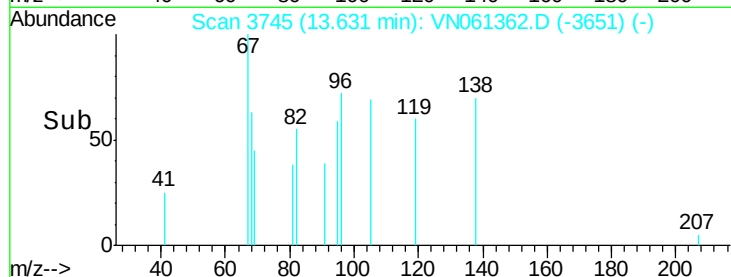
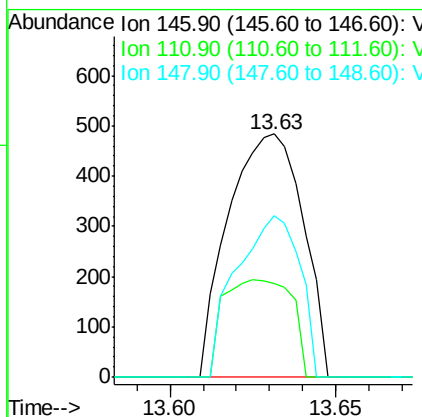
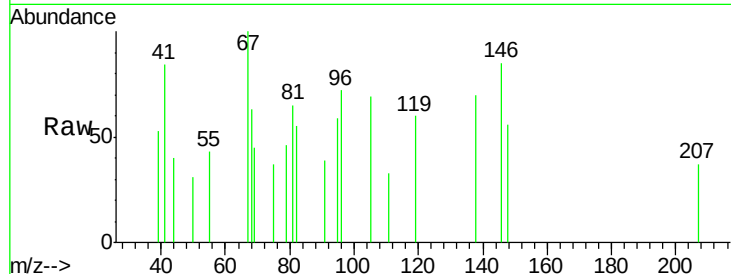




#91
 1,2-Dichlorobenzene
 Concen: 0.320 ug/l
 RT: 13.63 min Scan# 3745
 Delta R.T. 0.00 min
 Lab File: VN061362.D
 Acq: 8 May 2020 15:22

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:146 Resp: 755
 Ion Ratio Lower Upper
 146 100
 111 36.4 21.8 65.3
 148 56.4 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.475 ug/l
 RT: 14.11 min Scan# 3893
 Delta R.T. -0.14 min
 Lab File: VN061362.D
 Acq: 8 May 2020 15:22

Tgt Ion: 75 Resp: 181
 Ion Ratio Lower Upper
 75 100
 155 0.0 36.5 109.7#
 157 0.0 46.6 139.7#

