

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041520\
 Data File : VN060989.D
 Acq On : 16 Apr 2020 2:04
 Operator : JC/MD
 Sample : L2278-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 16 06:43:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	138892	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	238364	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	226447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	107914	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	93556	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
35) Dibromofluoromethane	7.56	113	71597	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
50) Toluene-d8	10.08	98	297005	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
62) 4-Bromofluorobenzene	12.39	95	115143	53.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.74%	

Target Compounds						Qvalue
11) Tert butyl alcohol	4.72	59	199	0.710	ug/l #	72
13) Acrolein	3.59	56	378	1.216	ug/l #	82
16) Acetone	3.78	43	30830	45.648	ug/l	100
18) Methyl Acetate	4.29	43	1913	1.006	ug/l #	54
20) Methylene Chloride	4.53	84	6908	4.158	ug/l	98
25) 2-Butanone	6.80	43	11139	10.192	ug/l	96
28) Bromochloromethane	7.34	49	1072	0.736	ug/l #	17
30) Chloroform	7.35	83	14597	4.999	ug/l	99
31) Cyclohexane	7.63	56	2926	0.953	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	11179	4.843	ug/l #	49
37) Ethyl Acetate	6.80	43	11139	4.466	ug/l #	70
38) Carbon Tetrachloride	7.64	117	13383	6.469	ug/l #	17
43) Isopropyl Acetate	8.14	43	38496	9.360	ug/l #	90
45) 1,2-Dichloropropane	9.25	63	549	0.299	ug/l #	43
48) Methyl methacrylate	9.16	41	2868	1.566	ug/l #	15
51) 4-Methyl-2-Pentanone	9.97	43	53298	22.772	ug/l	96
54) cis-1,3-Dichloropropene	9.89	75	15198	5.222	ug/l #	60
56) Ethyl methacrylate	10.34	69	4459	1.767	ug/l #	68
57) 1,3-Dichloropropane	10.75	76	2106	0.750	ug/l #	42
59) 2-Hexanone	10.75	43	34209	20.290	ug/l #	54
68) m/p-Xylenes	11.61	106	1078	0.347	ug/l	81
69) o-Xylene	11.94	106	747	0.252	ug/l	96
70) Styrene	11.96	104	1579	0.326	ug/l	95
71) Bromoform	12.38	173	33	1.704	ug/l #	29
74) N-amyl acetate	12.02	43	4565	1.220	ug/l #	47
75) 1,1,2,2-Tetrachloroethane	12.56	83	1663	0.679	ug/l #	25
76) 1,2,3-Trichloropropane	12.39	75	58705	25.211	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.39	75	58705	64.749	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.05	105	3813	0.561	ug/l #	49
92) 1,2-Dibromo-3-Chloropropan	14.02	75	281	0.281	ug/l #	3
95) Naphthalene	15.13	128	6958	1.145	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060989.D

Acq: 16 Apr 2020 2:04

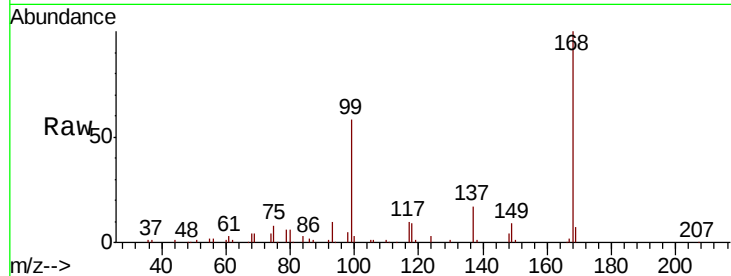
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 138892

Ion Ratio Lower Upper

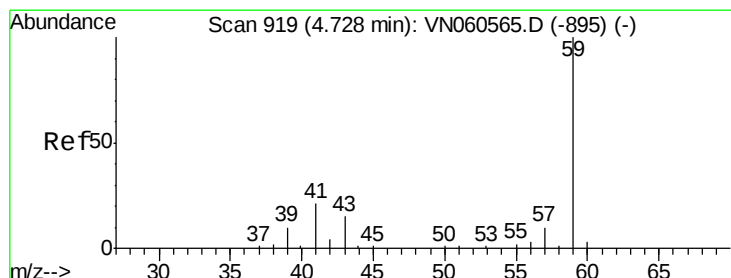
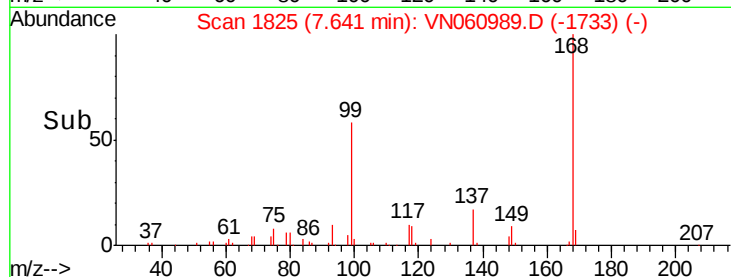
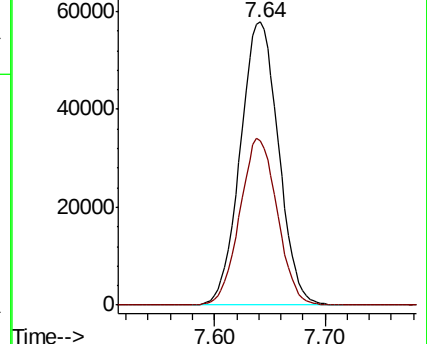
168 100

99 58.2 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#11

Tert butyl alcohol

Concen: 0.710 ug/l

RT: 4.72 min Scan# 915

Delta R.T. -0.01 min

Lab File: VN060989.D

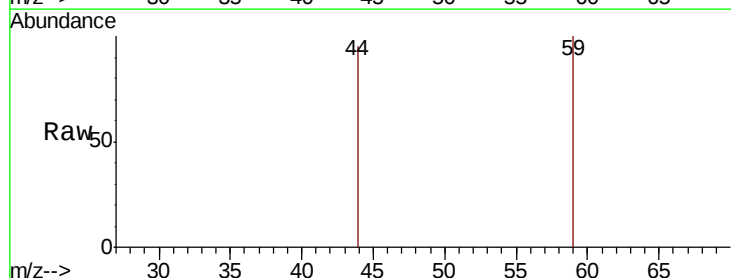
Acq: 16 Apr 2020 2:04

Tgt Ion: 59 Resp: 199

Ion Ratio Lower Upper

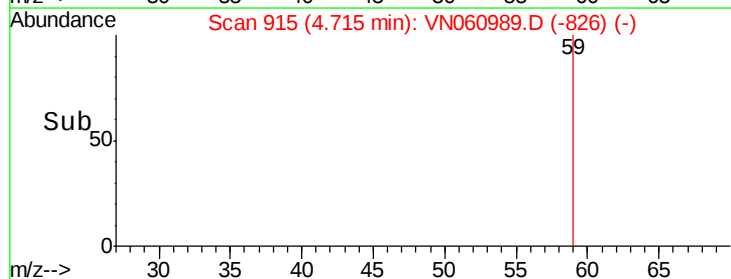
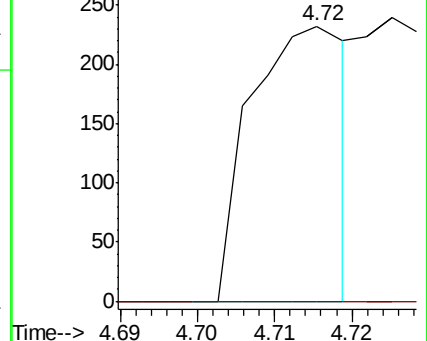
59 100

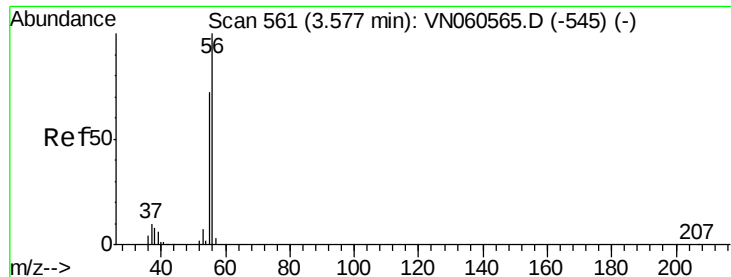
57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN





#13

Acrolein

Concen: 1.216 ug/l

RT: 3.59 min Scan# 564

Delta R.T. 0.01 min

Lab File: VN060989.D

Acq: 16 Apr 2020 2:04

Instrument :

MSVOA_N

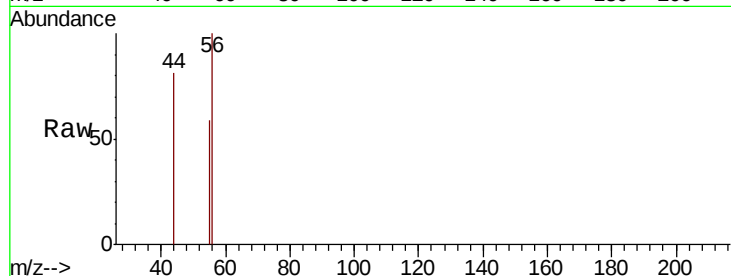
ClientSampled :

Tot Ion: 56 Resp: 378

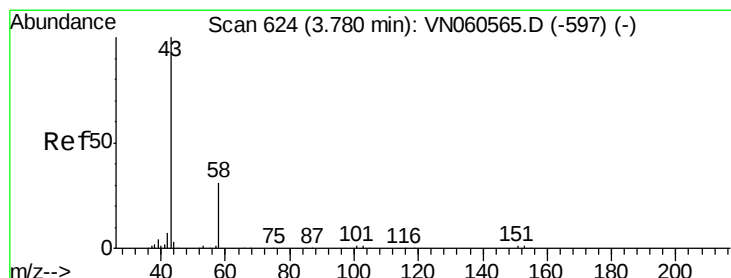
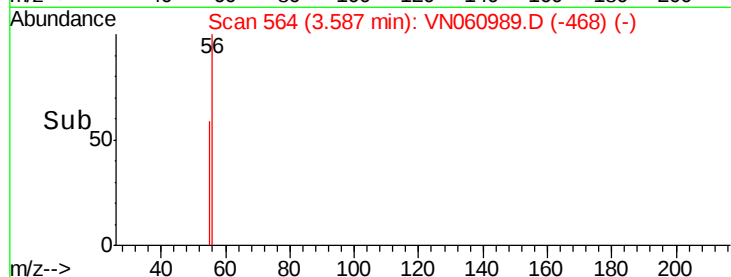
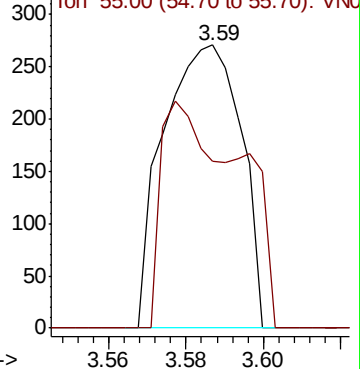
Ion Ratio Lower Upper

56 100

55 56.3 56.7 85.1#



Abundance Ion 56.00 (55.70 to 56.70): VN060989.D (-545) (-)



#16

Acetone

Concen: 45.648 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN060989.D

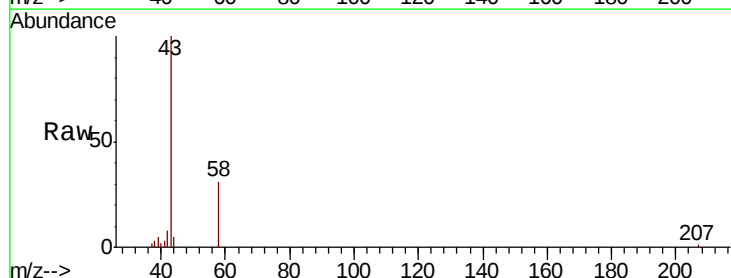
Acq: 16 Apr 2020 2:04

Tgt Ion: 43 Resp: 30830

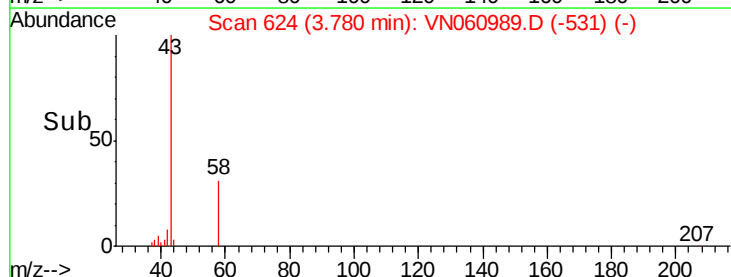
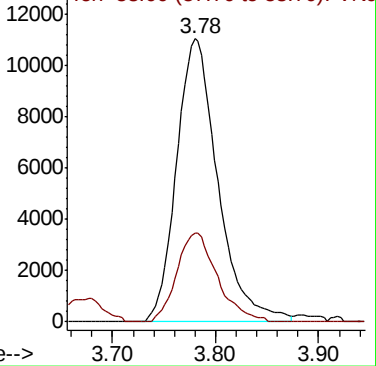
Ion Ratio Lower Upper

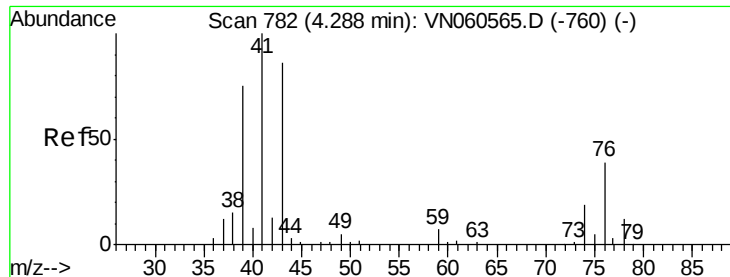
43 100

58 31.2 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN060989.D (-597) (-)

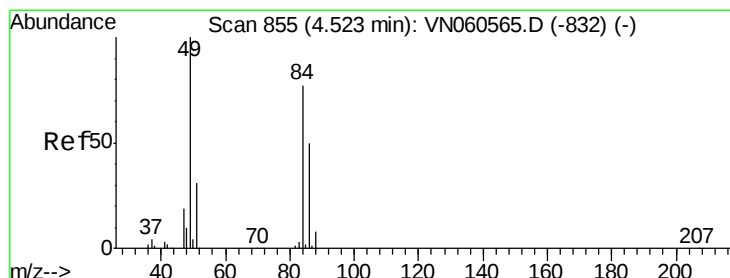
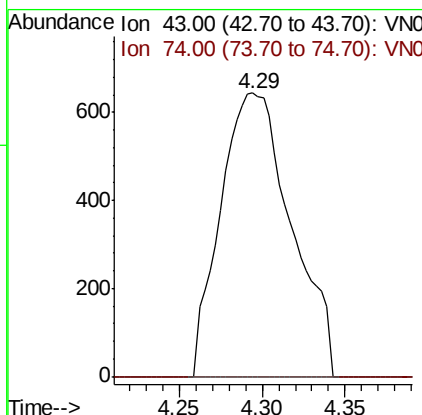
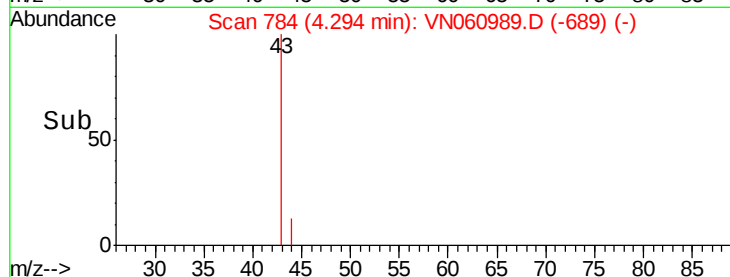
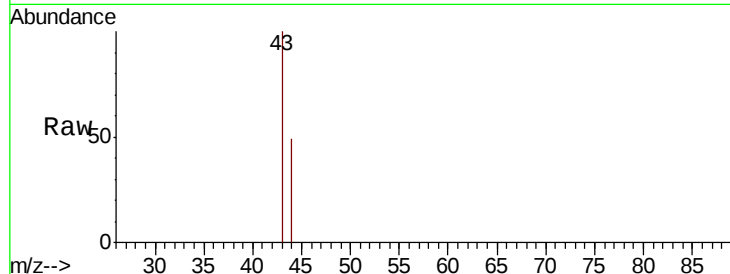




#18
Methyl Acetate
Concen: 1.006 ug/l
RT: 4.29 min Scan# 784
Delta R.T. 0.01 min
Lab File: VN060989.D
Acq: 16 Apr 2020 2:04

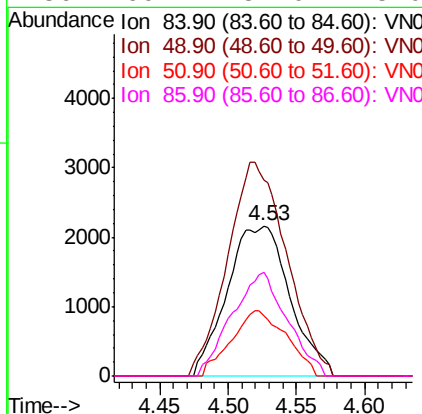
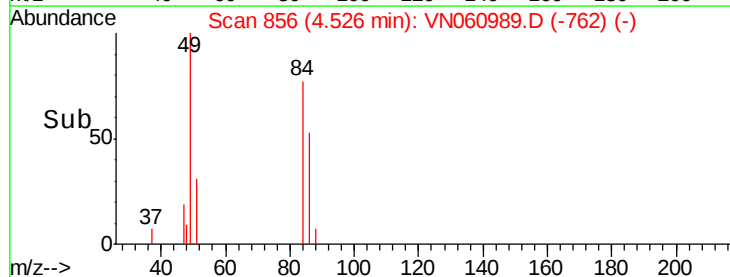
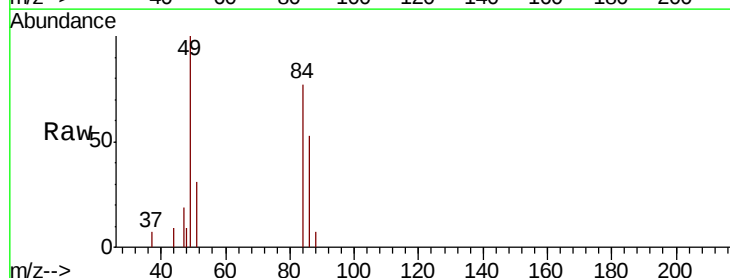
Instrument :
MSVOA_N
ClientSampleId :

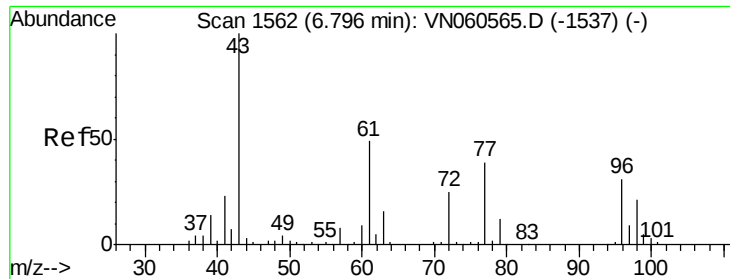
Tot Ion: 43 Resp: 1913
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#



#20
Methylene Chloride
Concen: 4.158 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN060989.D
Acq: 16 Apr 2020 2:04

Tgt Ion: 84 Resp: 6908
Ion Ratio Lower Upper
84 100
49 130.6 103.3 154.9
51 40.5 31.6 47.4
86 69.2 52.0 78.0





#25

2-Butanone

Concen: 10.192 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.01 min

Lab File: VN060989.D

Acq: 16 Apr 2020 2:04

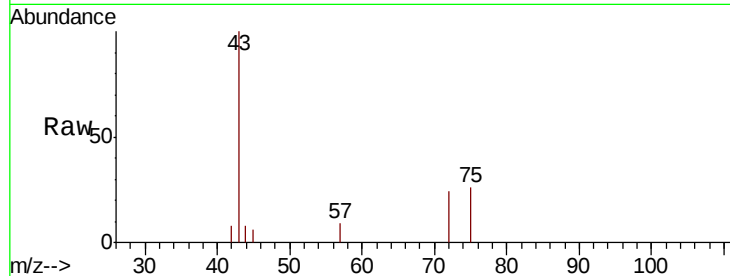
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 11139

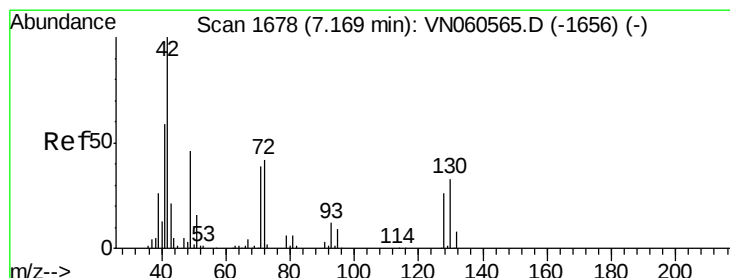
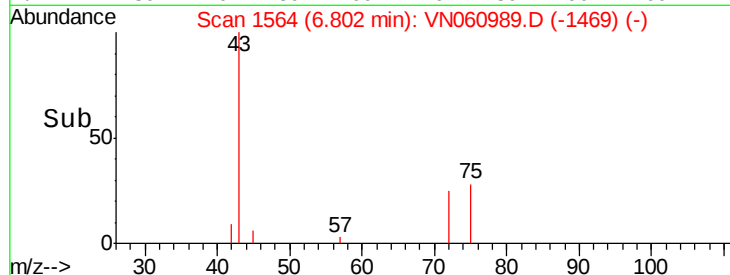
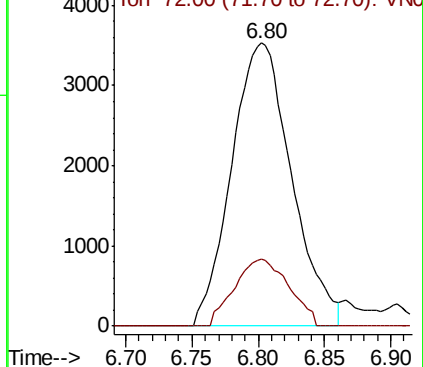
Ion Ratio Lower Upper

43 100

72 23.7 20.4 30.6



Abundance Ion 43.00 (42.70 to 43.70): VN060989.D (-1537) (-)



#28

Bromochloromethane

Concen: 0.736 ug/l

RT: 7.34 min Scan# 1731

Delta R.T. 0.17 min

Lab File: VN060989.D

Acq: 16 Apr 2020 2:04

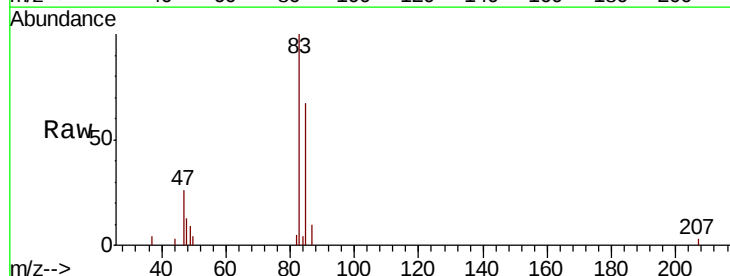
Tgt Ion: 49 Resp: 1072

Ion Ratio Lower Upper

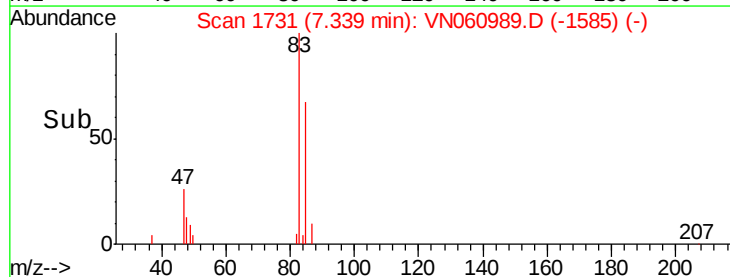
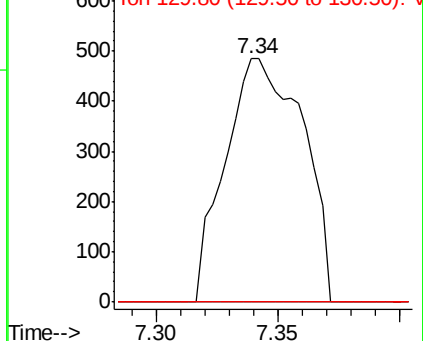
49 100

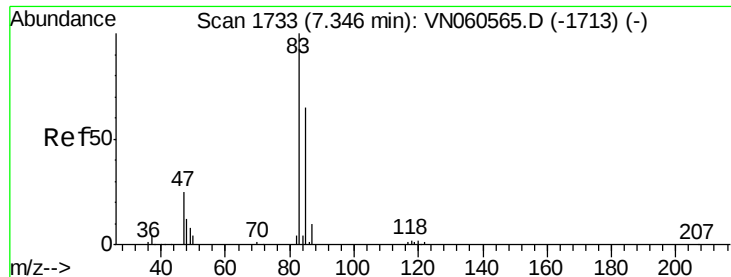
129 0.0 0.0 3.4

130 0.0 55.0 82.4#



Abundance Ion 48.90 (48.60 to 49.60): VN060989.D (-1656) (-)

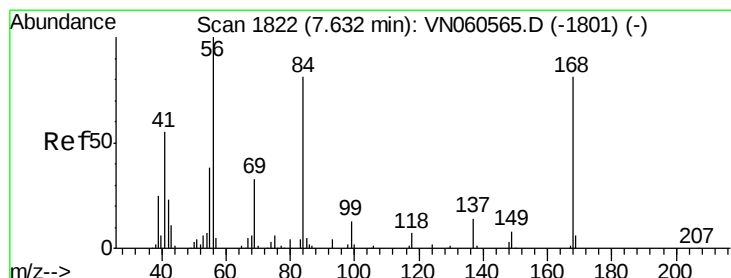
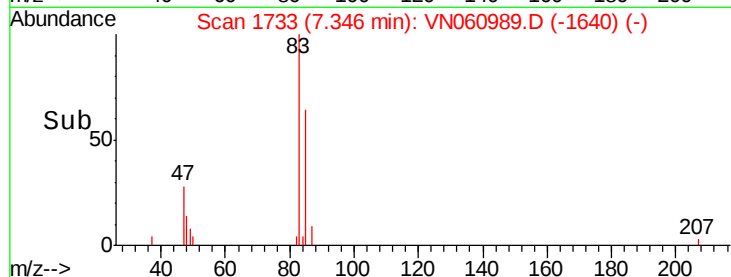
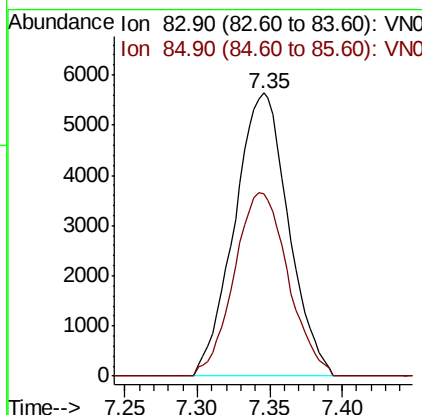
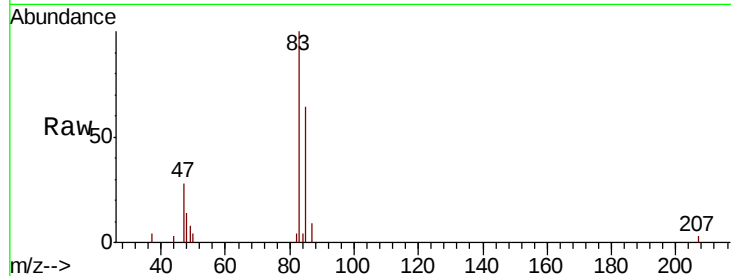




#30
Chloroform
Concen: 4.999 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN060989.D
Acq: 16 Apr 2020 2:04

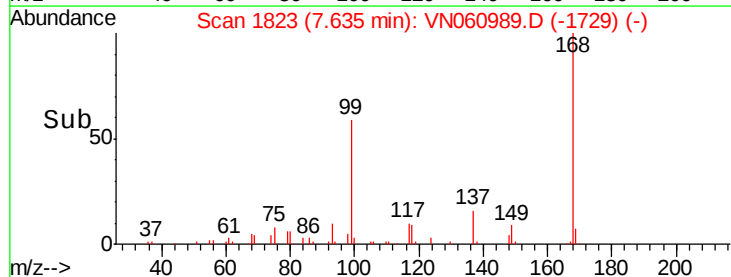
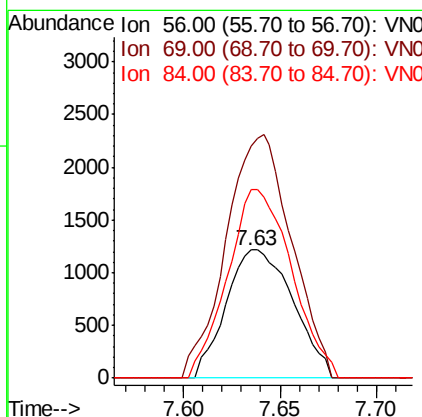
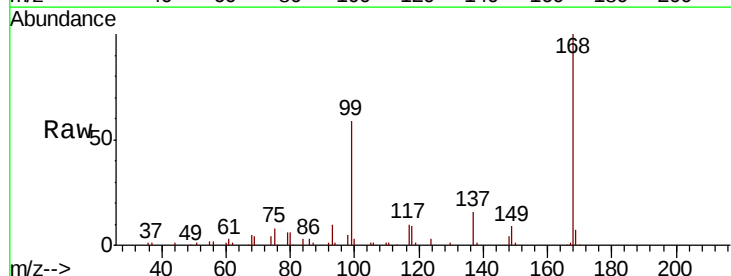
Instrument :
MSVOA_N
ClientSampled :

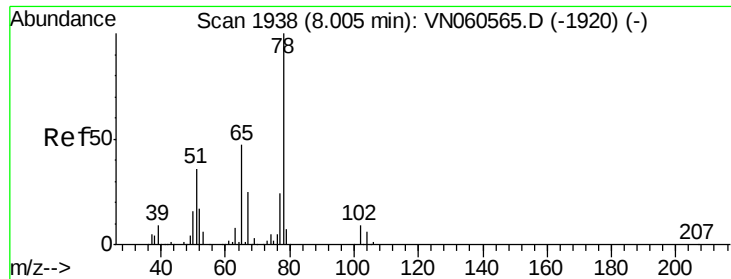
Tot Ion: 83 Resp: 14597
Ion Ratio Lower Upper
83 100
85 64.4 51.8 77.8



#31
Cyclohexane
Concen: 0.953 ug/l
RT: 7.63 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VN060989.D
Acq: 16 Apr 2020 2:04

Tgt Ion: 56 Resp: 2926
Ion Ratio Lower Upper
56 100
69 180.7 26.6 40.0#
84 147.5 64.3 96.5#

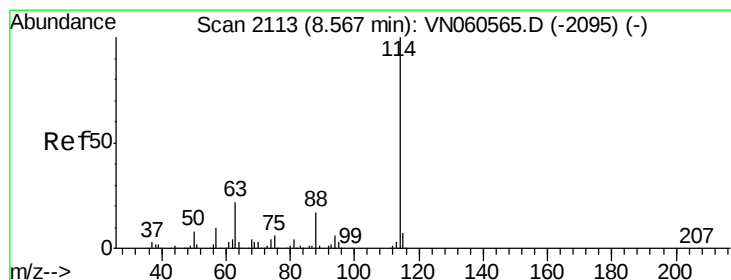
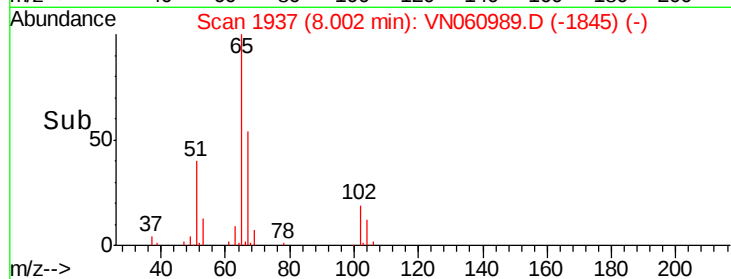
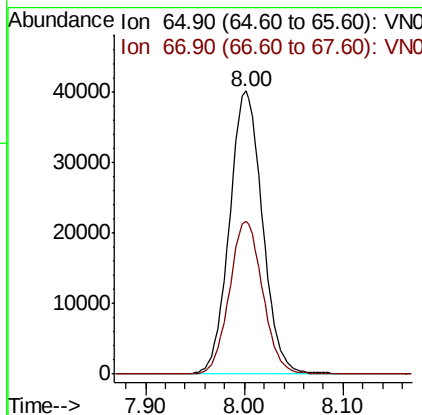
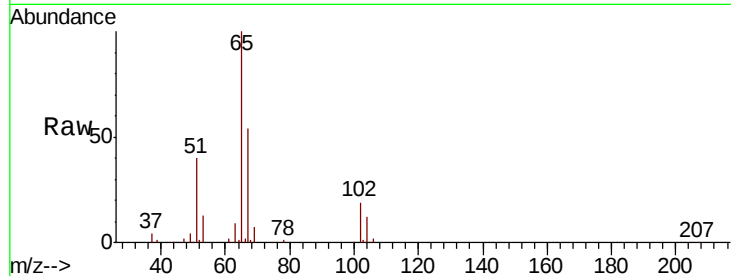




#33
 1,2-Dichloroethane-d4
 Concen: 49.068 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060989.D
 Acq: 16 Apr 2020 2:04

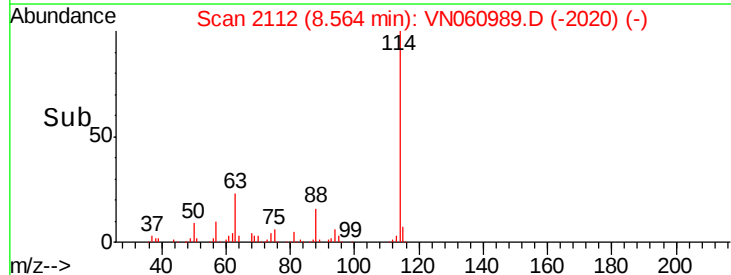
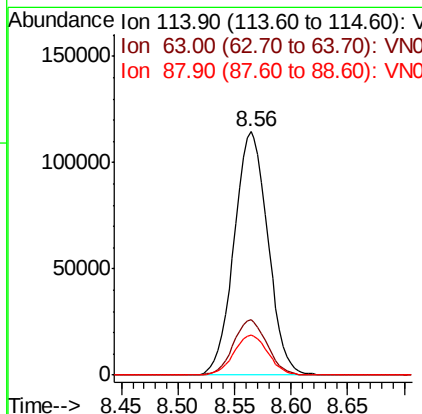
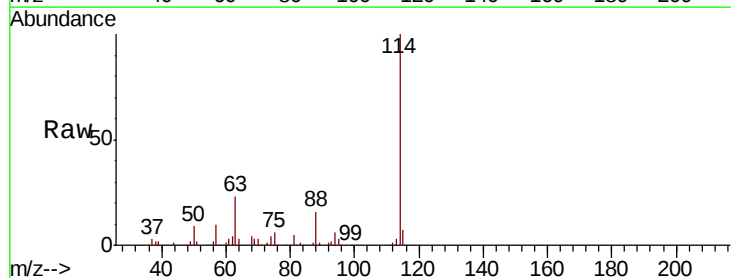
Instrument :
 MSVOA_N
 ClientSampleId :

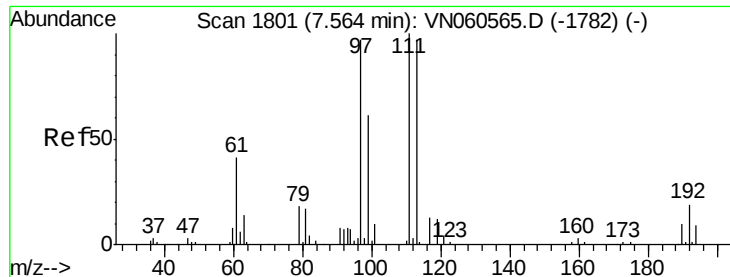
Tot Ion: 65 Resp: 93556
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060989.D
 Acq: 16 Apr 2020 2:04

Tgt Ion: 114 Resp: 238364
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 43.8
 88 16.3 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.675 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN060989.D

Acq: 16 Apr 2020 2:04

Instrument :
MSVOA_N
ClientSampled :

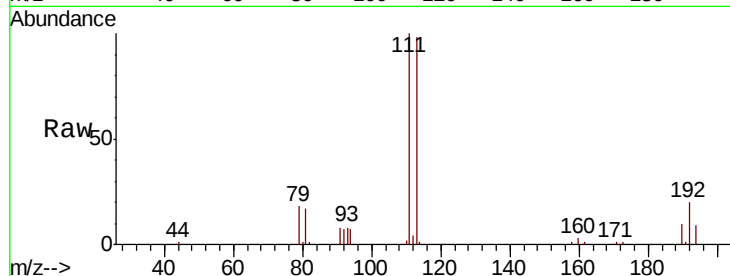
Tot Ion:113 Resp: 71597

Ion Ratio Lower Upper

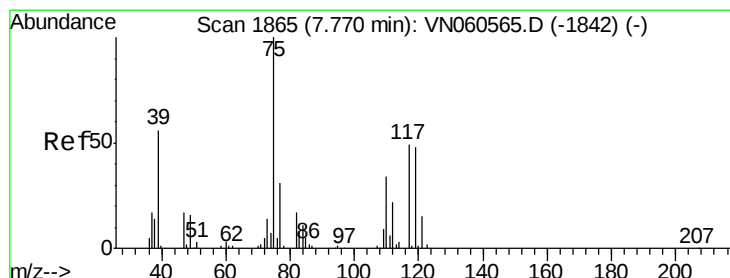
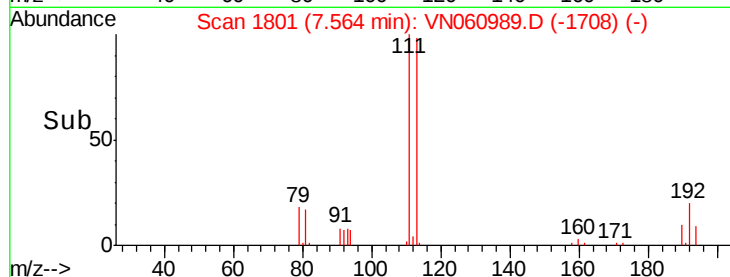
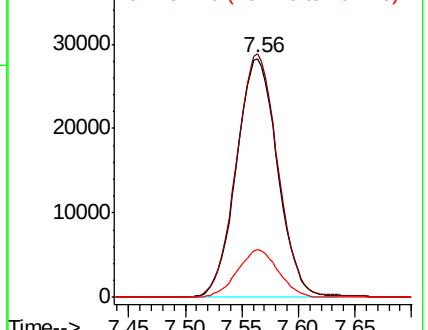
113 100

111 102.6 82.9 124.3

192 19.8 15.8 23.8



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



#36

1,1-Dichloropropene

Concen: 4.843 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.13 min

Lab File: VN060989.D

Acq: 16 Apr 2020 2:04

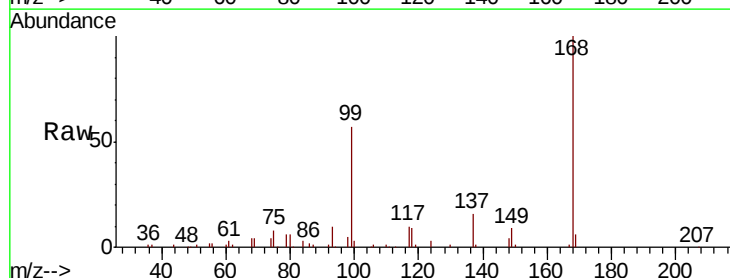
Tgt Ion: 75 Resp: 11179

Ion Ratio Lower Upper

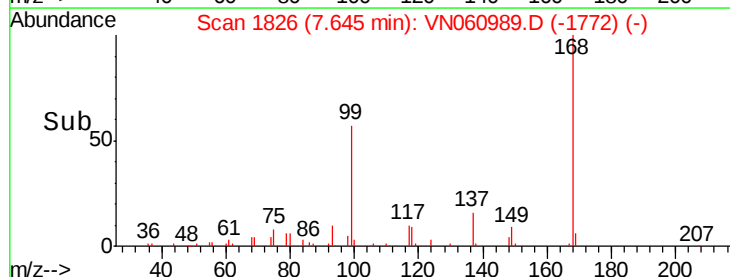
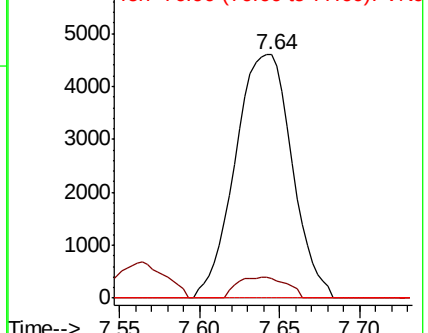
75 100

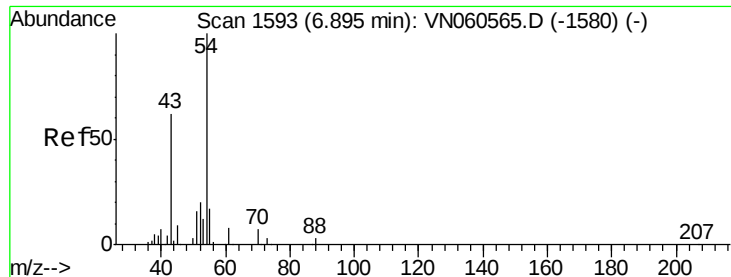
110 7.4 16.9 50.6#

77 0.0 24.6 36.8#



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

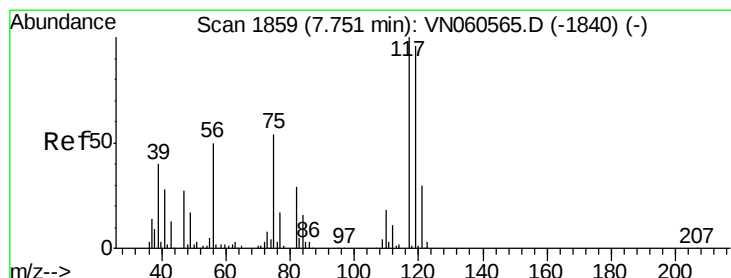
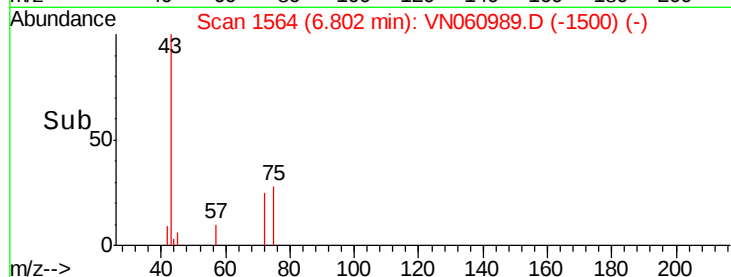
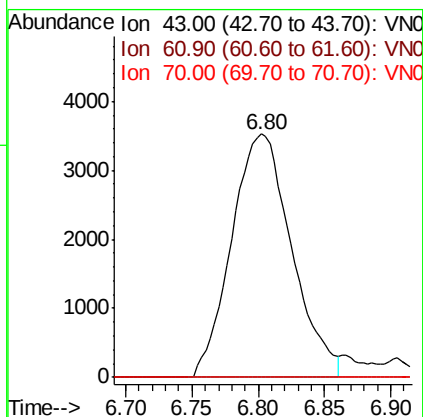
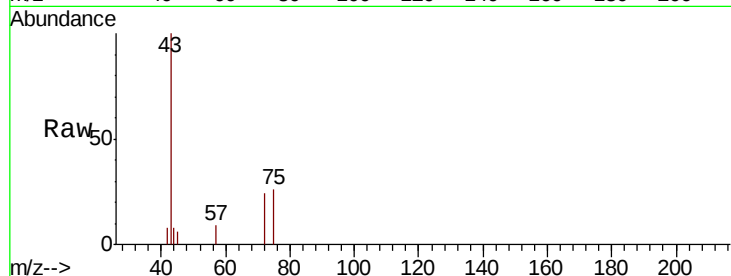




#37
Ethyl Acetate
Concen: 4.466 ug/l
RT: 6.80 min Scan# 1564
Delta R.T. -0.09 min
Lab File: VN060989.D
Acq: 16 Apr 2020 2:04

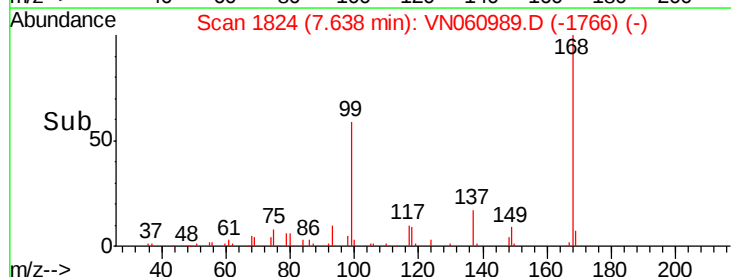
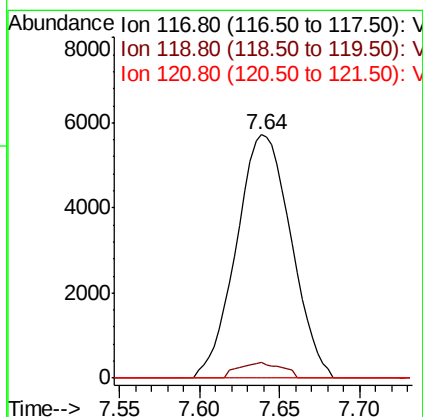
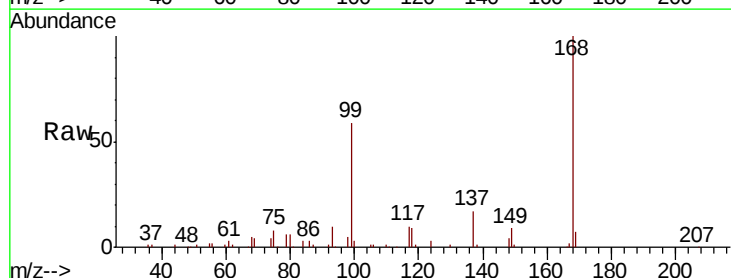
Instrument :
MSVOA_N
ClientSampleId :

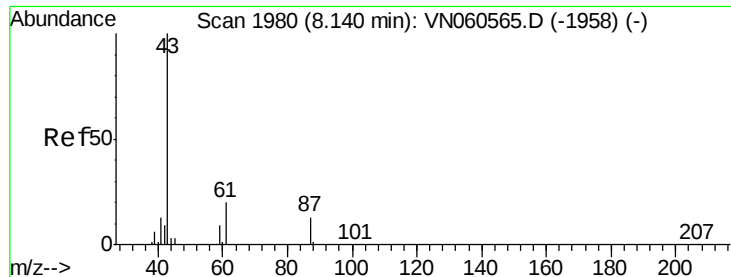
Tot Ion: 43 Resp: 11139
Ion Ratio Lower Upper
43 100
61 0.0 10.6 15.8#
70 0.0 7.9 11.9#



#38
Carbon Tetrachloride
Concen: 6.469 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. -0.11 min
Lab File: VN060989.D
Acq: 16 Apr 2020 2:04

Tgt Ion: 117 Resp: 13383
Ion Ratio Lower Upper
117 100
119 6.3 76.2 114.2#
121 0.0 23.7 35.5#

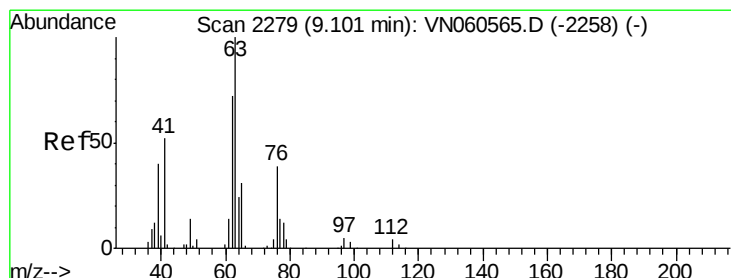
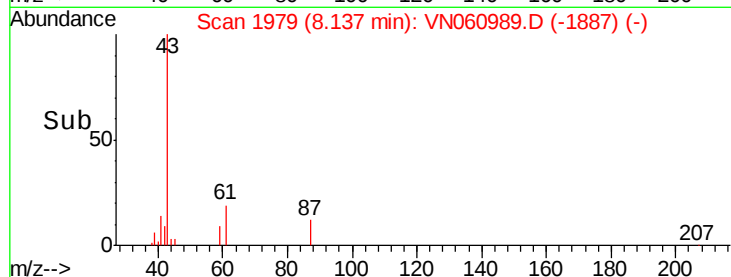
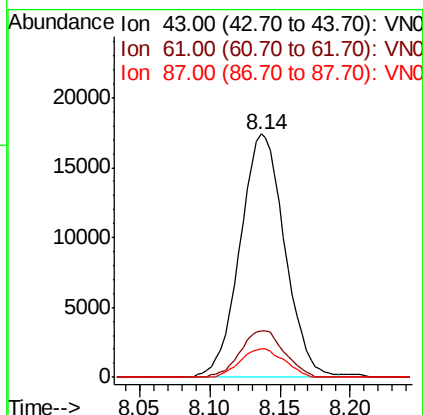
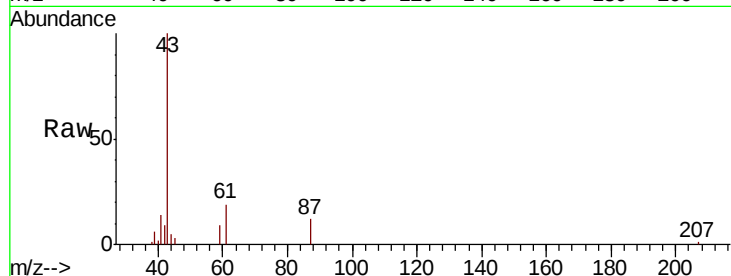




#43
Isopropyl Acetate
Concen: 9.360 ug/l
RT: 8.14 min Scan# 1979
Delta R.T. -0.00 min
Lab File: VN060989.D
Acq: 16 Apr 2020 2:04

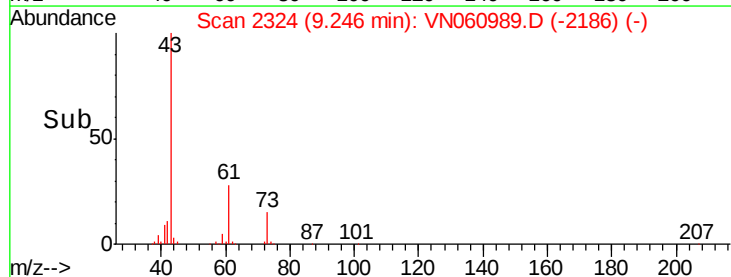
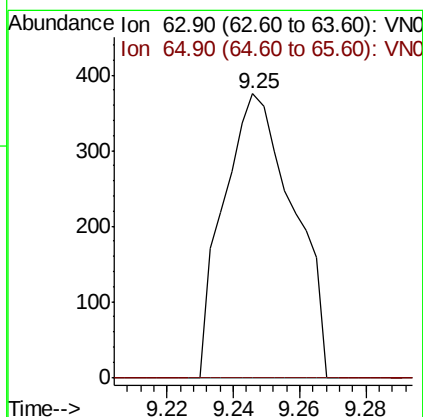
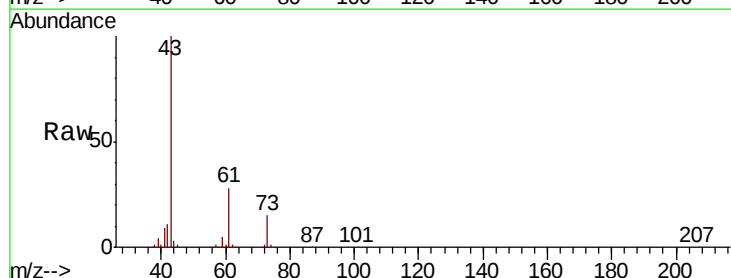
Instrument :
MSVOA_N
ClientSampleId :

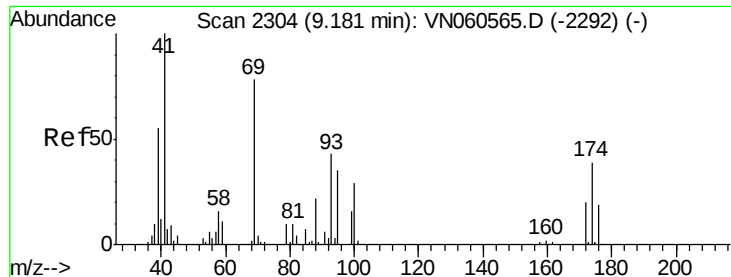
Tot Ion: 43 Resp: 38496
Ion Ratio Lower Upper
43 100
61 18.8 20.7 31.1#
87 11.5 9.8 14.8



#45
1,2-Dichloropropane
Concen: 0.299 ug/l
RT: 9.25 min Scan# 2324
Delta R.T. 0.14 min
Lab File: VN060989.D
Acq: 16 Apr 2020 2:04

Tgt Ion: 63 Resp: 549
Ion Ratio Lower Upper
63 100
65 0.0 25.4 38.0#

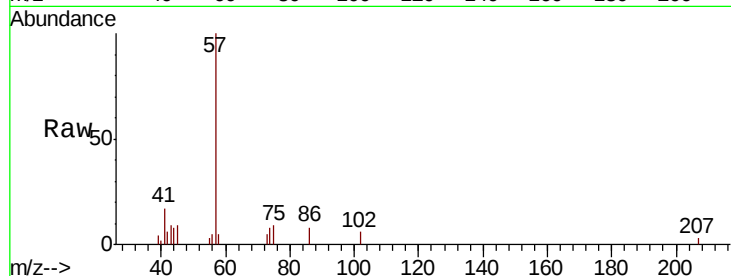




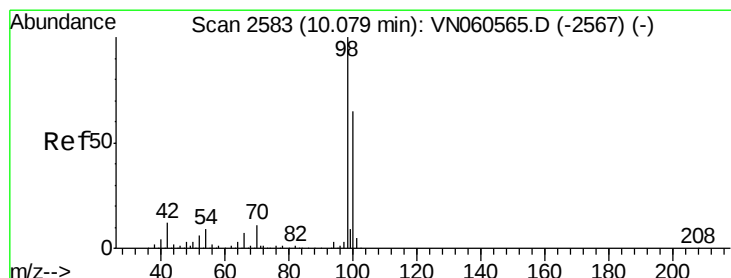
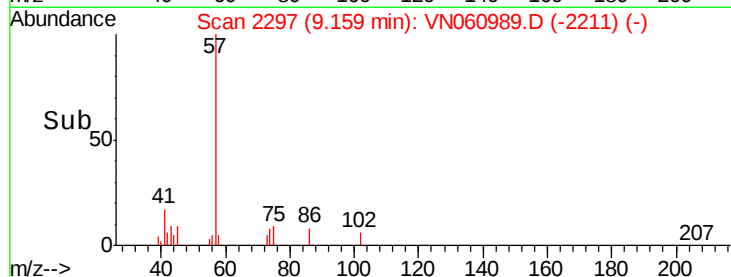
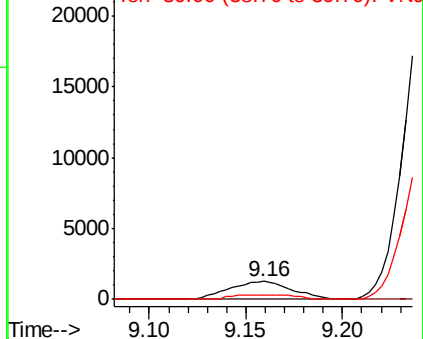
#48
Methvl methacrylate
Concen: 1.566 ug/l
RT: 9.16 min Scan# 2297
Delta R.T. -0.02 min
Lab File: VN060989.D
Acq: 16 Apr 2020 2:04

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 2868
Ion Ratio Lower Upper
41 100
69 0.0 65.4 98.0#
39 0.0 44.0 66.0#

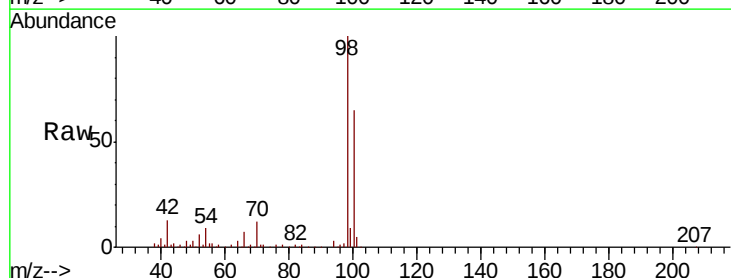


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

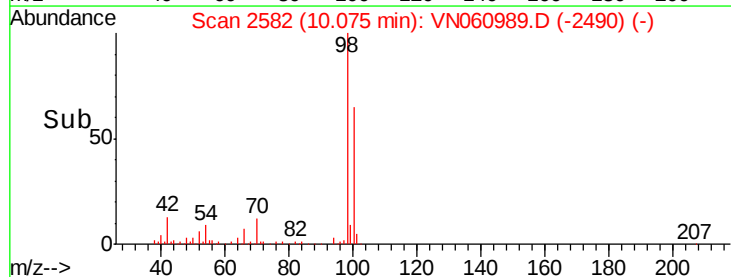
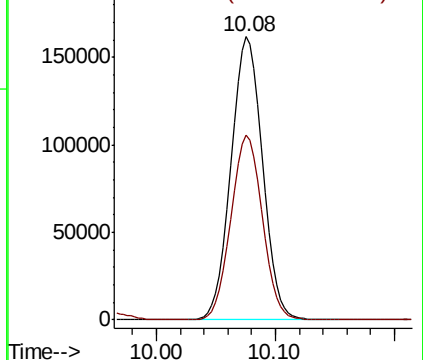


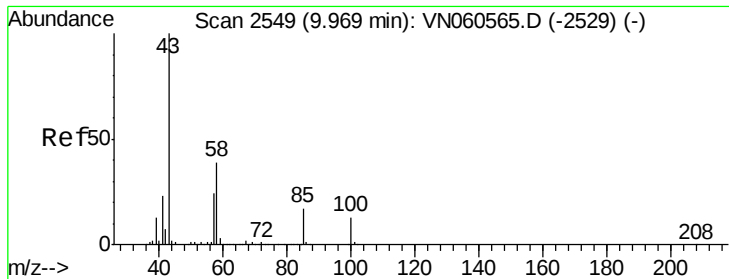
#50
Toluene-d8
Concen: 50.449 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060989.D
Acq: 16 Apr 2020 2:04

Tgt Ion: 98 Resp: 297005
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 22.772 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. -0.00 min

Lab File: VN060989.D

Acq: 16 Apr 2020 2:04

Instrument :

MSVOA_N

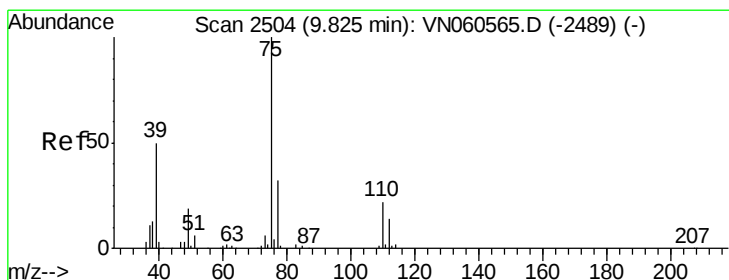
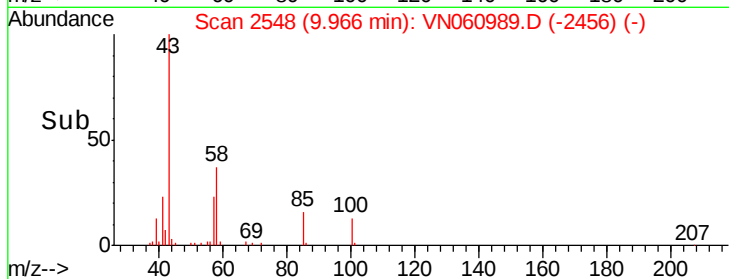
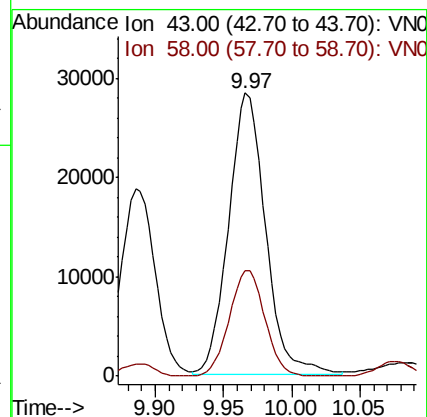
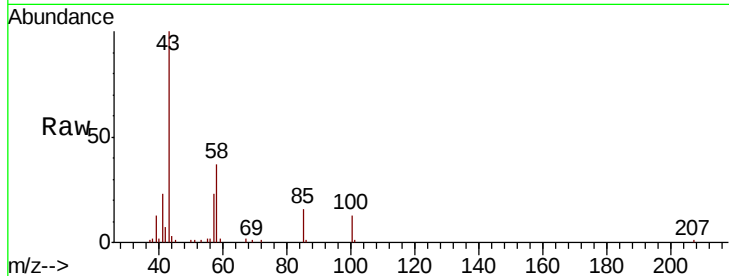
ClientSampleId :

Tot Ion: 43 Resp: 53298

Ion Ratio Lower Upper

43 100

58 36.1 30.8 46.2



#54

cis-1,3-Dichloropropene

Concen: 5.222 ug/l

RT: 9.89 min Scan# 2524

Delta R.T. 0.06 min

Lab File: VN060989.D

Acq: 16 Apr 2020 2:04

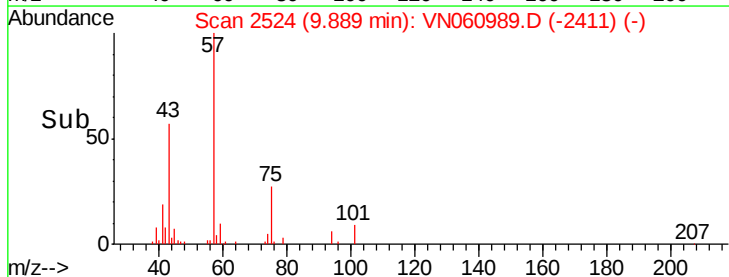
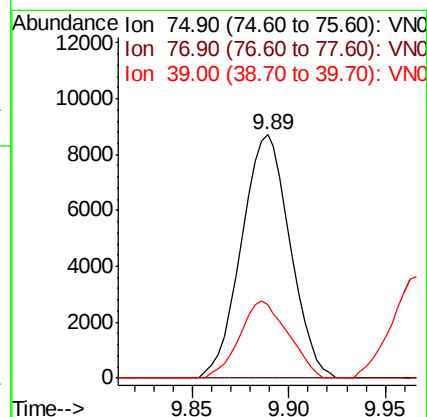
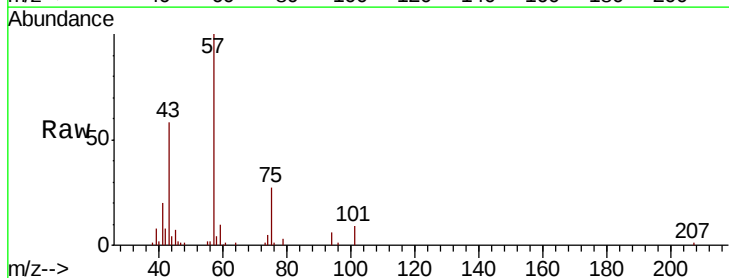
Tgt Ion: 75 Resp: 15198

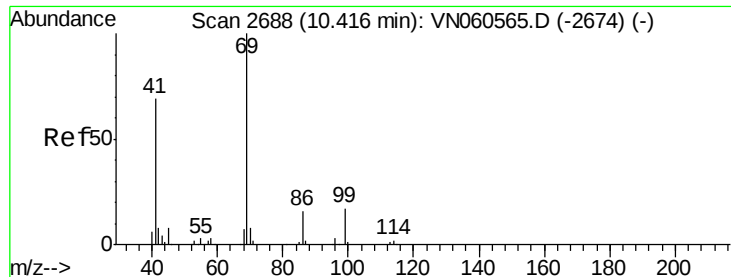
Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#

39 29.9 40.2 60.4#





#56

Ethyl methacrylate

Concen: 1.767 ug/l

RT: 10.34 min Scan# 2664

Delta R.T. -0.08 min

Lab File: VN060989.D

Acq: 16 Apr 2020 2:04

Instrument :

MSVOA_N

ClientSampleId :

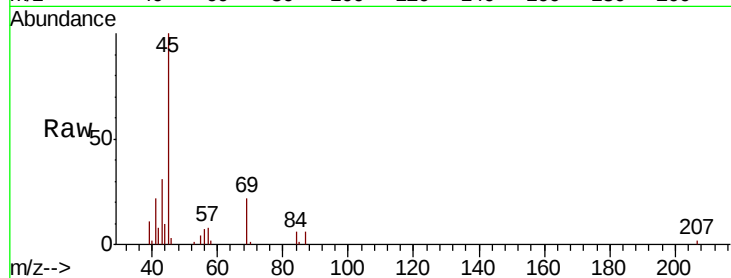
Tot Ion: 69 Resp: 4459

Ion Ratio Lower Upper

69 100

41 96.3 55.4 83.2#

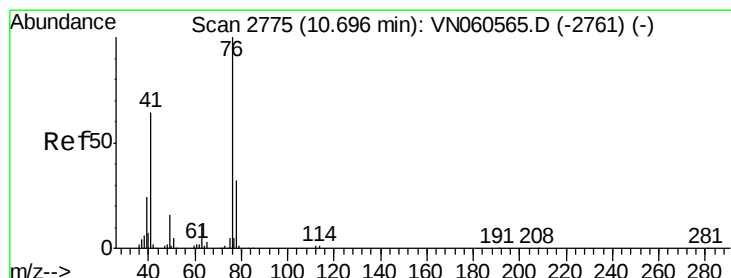
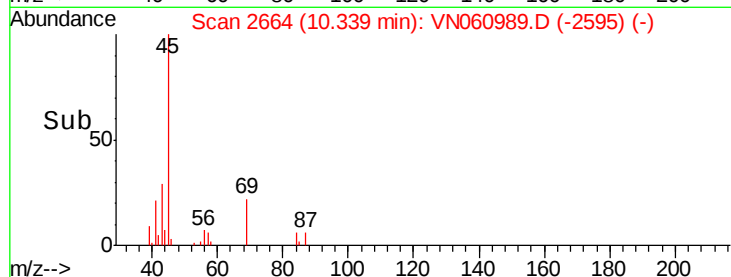
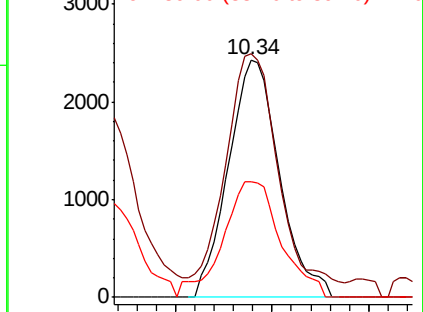
39 55.2 29.4 44.0#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 0.750 ug/l

RT: 10.75 min Scan# 2793

Delta R.T. 0.06 min

Lab File: VN060989.D

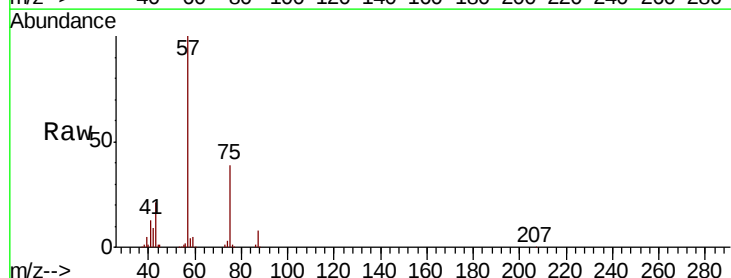
Acq: 16 Apr 2020 2:04

Tgt Ion: 76 Resp: 2106

Ion Ratio Lower Upper

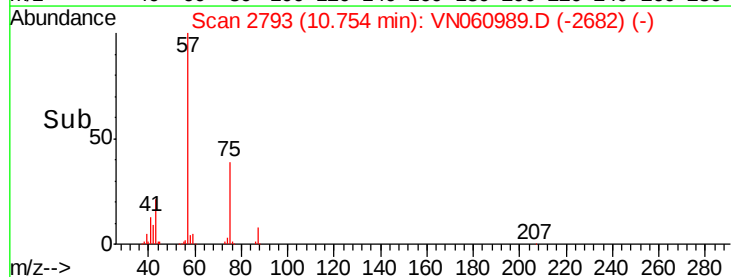
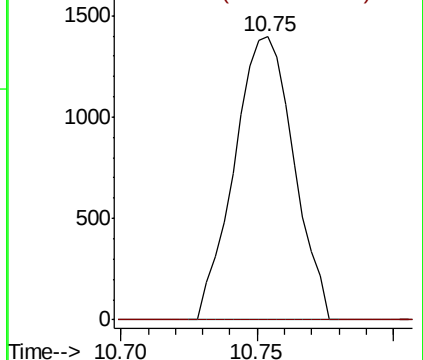
76 100

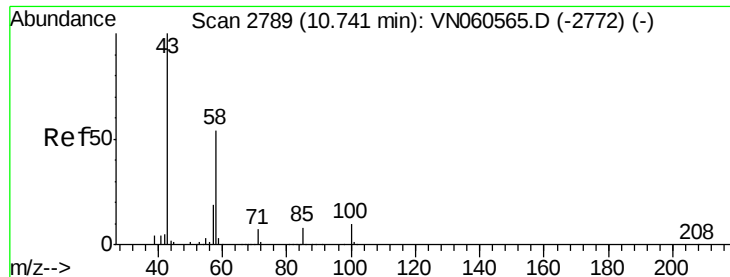
78 0.0 25.8 38.6#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

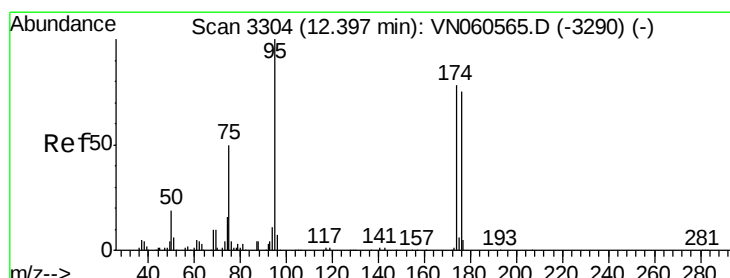
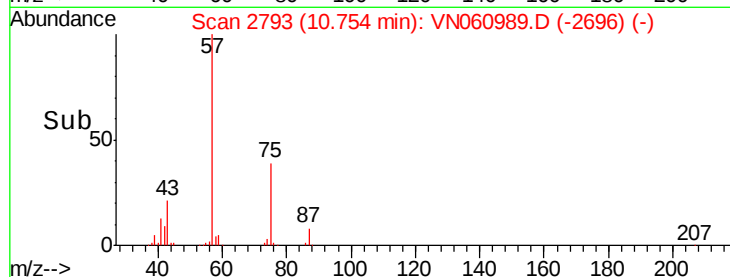
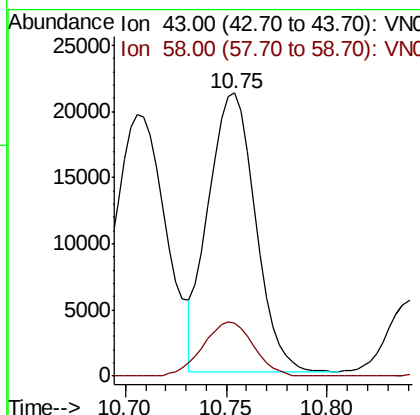
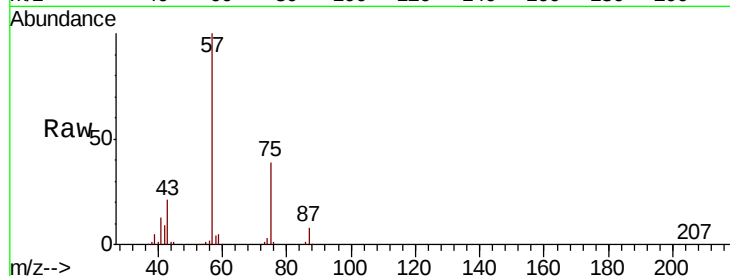




#59
2-Hexanone
Concen: 20.290 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.01 min
Lab File: VN060989.D
Acq: 16 Apr 2020 2:04

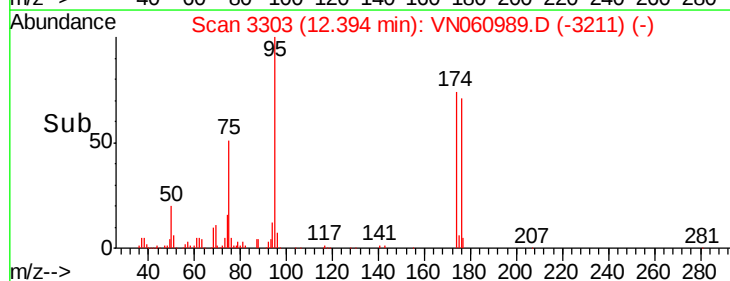
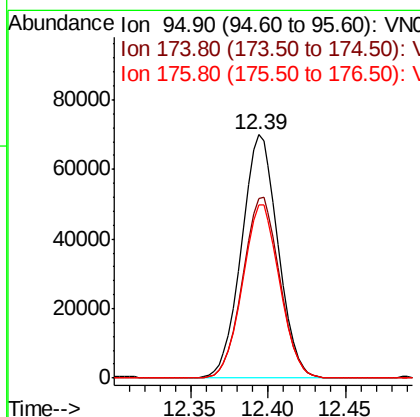
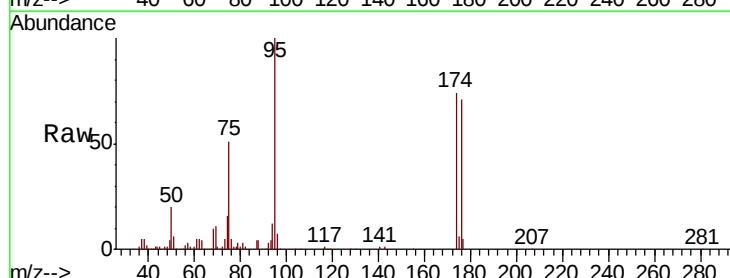
Instrument :
MSVOA_N
ClientSampled :

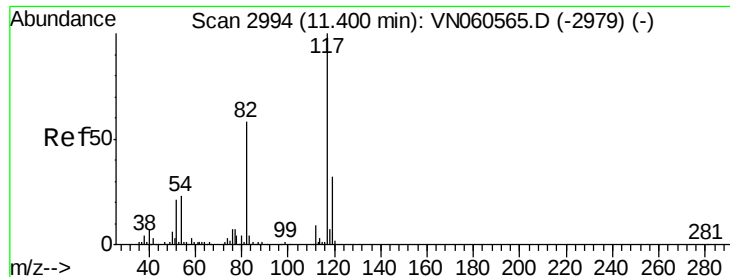
Tot Ion: 43 Resp: 34209
Ion Ratio Lower Upper
43 100
58 20.7 26.7 80.1#



#62
4-Bromofluorobenzene
Concen: 53.367 ug/l
RT: 12.39 min Scan# 3303
Delta R.T. -0.00 min
Lab File: VN060989.D
Acq: 16 Apr 2020 2:04

Tgt Ion: 95 Resp: 115143
Ion Ratio Lower Upper
95 100
174 75.2 0.0 157.6
176 72.4 0.0 150.6

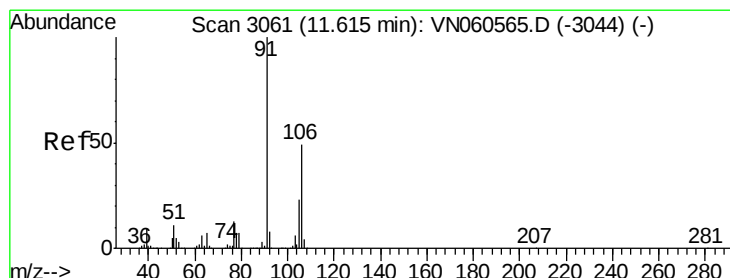
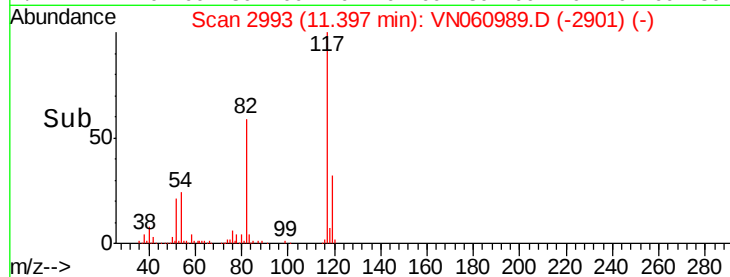
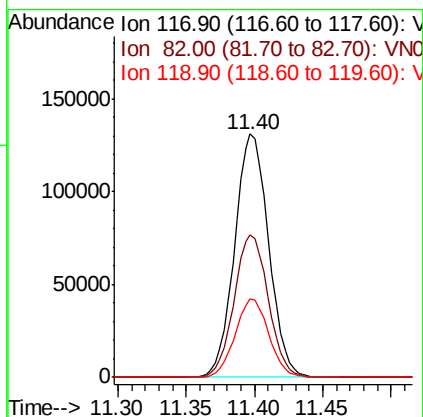
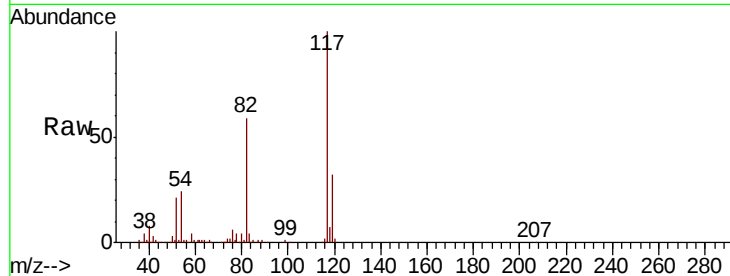




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN060989.D
Acq: 16 Apr 2020 2:04

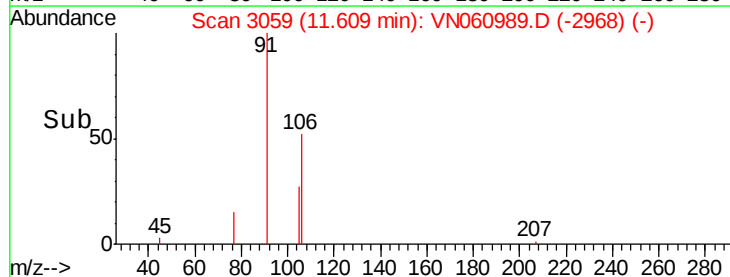
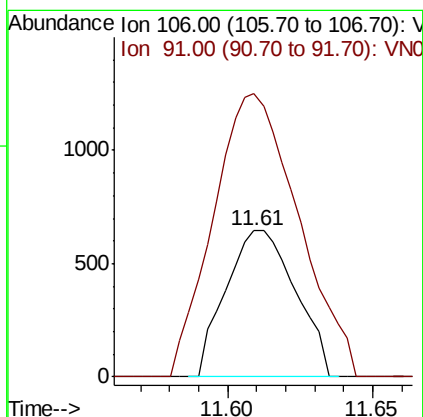
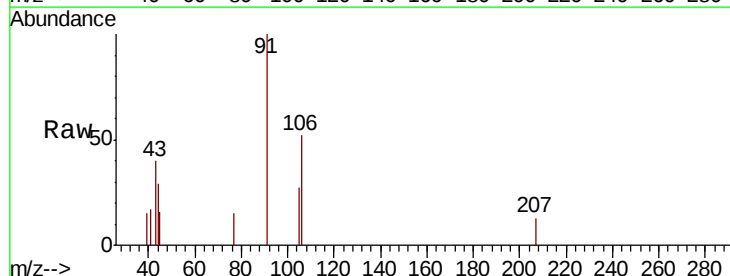
Instrument :
MSVOA_N
ClientSampleId :

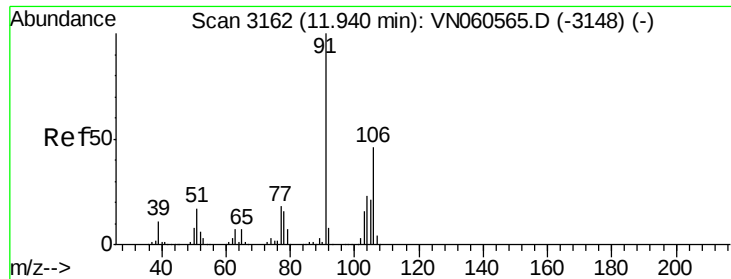
Tot Ion:117 Resp: 226447
Ion Ratio Lower Upper
117 100
82 58.5 46.7 70.1
119 32.1 25.5 38.3



#68
m/p-Xylenes
Concen: 0.347 ug/l
RT: 11.61 min Scan# 3059
Delta R.T. -0.01 min
Lab File: VN060989.D
Acq: 16 Apr 2020 2:04

Tgt Ion:106 Resp: 1078
Ion Ratio Lower Upper
106 100
91 236.3 165.0 247.4

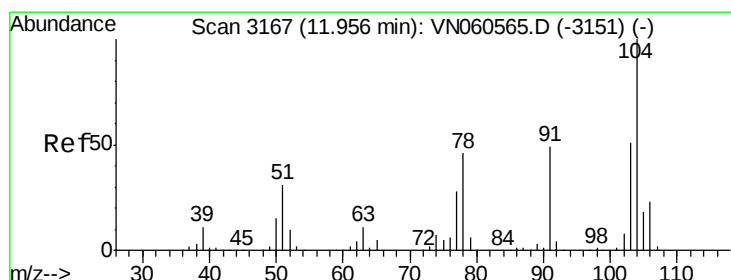
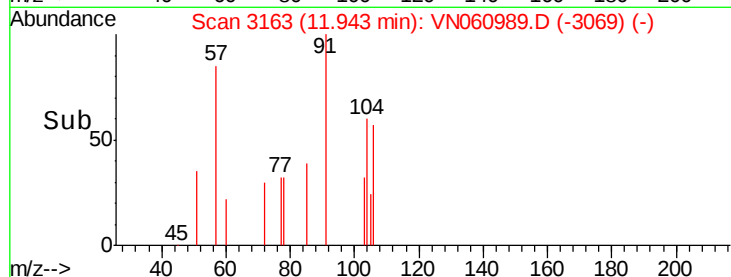
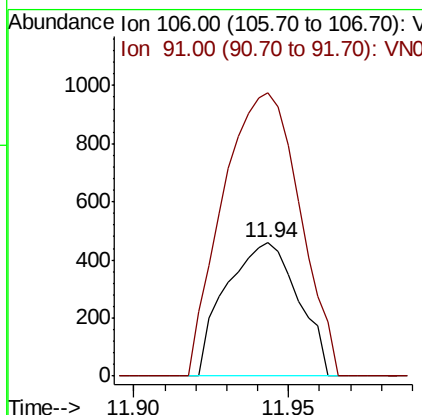
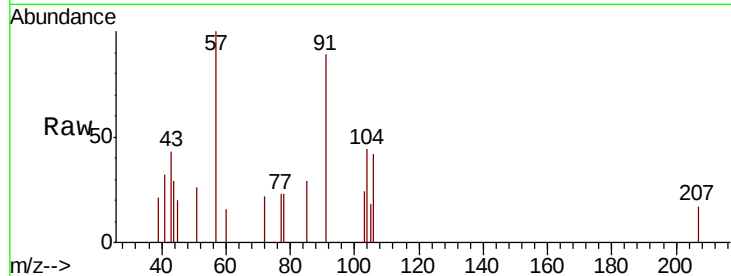




#69
o-Xylene
Concen: 0.252 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN060989.D
Acq: 16 Apr 2020 2:04

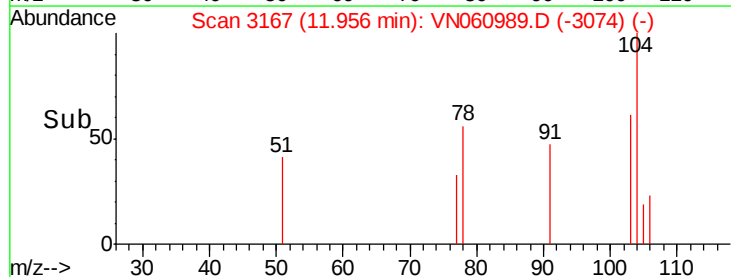
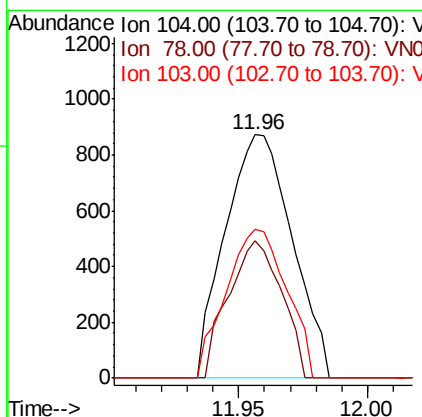
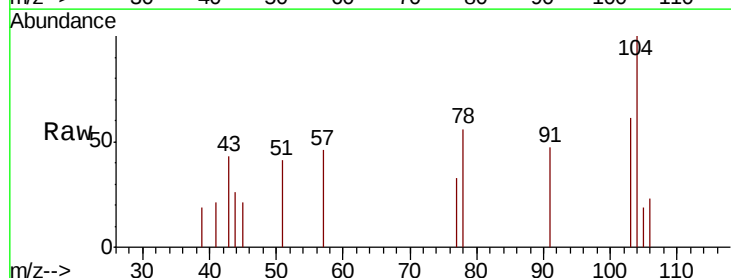
Instrument :
MSVOA_N
ClientSampled :

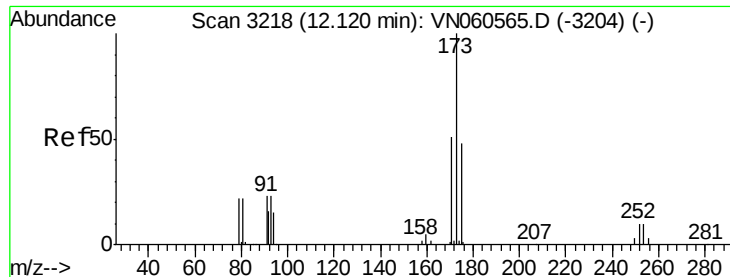
Tot Ion:106 Resp: 747
Ion Ratio Lower Upper
106 100
91 225.7 109.5 328.4



#70
Styrene
Concen: 0.326 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN060989.D
Acq: 16 Apr 2020 2:04

Tgt Ion:104 Resp: 1579
Ion Ratio Lower Upper
104 100
78 45.0 41.2 61.8
103 55.2 44.0 66.0





#71

Bromoform

Concen: 1.704 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.26 min

Lab File: VN060989.D

Acq: 16 Apr 2020 2:04

Instrument :

MSVOA_N

ClientSampled :

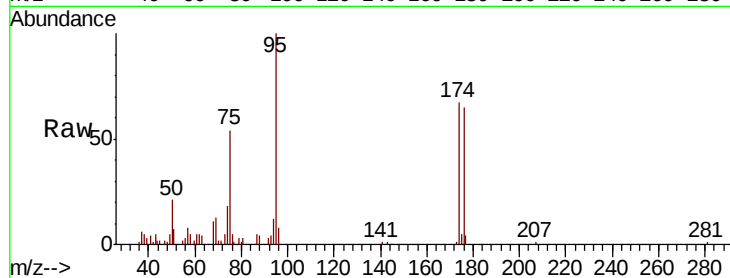
Tot Ion:173 Resp: 33

Ion Ratio Lower Upper

173 100

175 0.0 24.1 72.4#

254 0.0 0.0 0.0

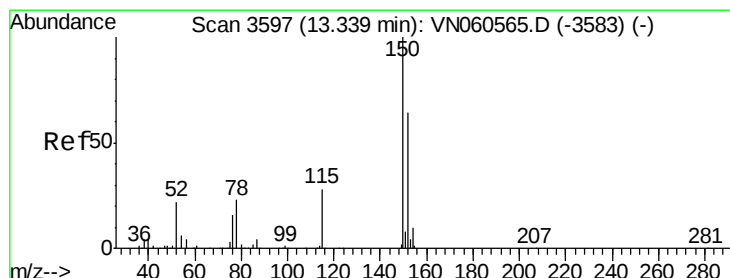
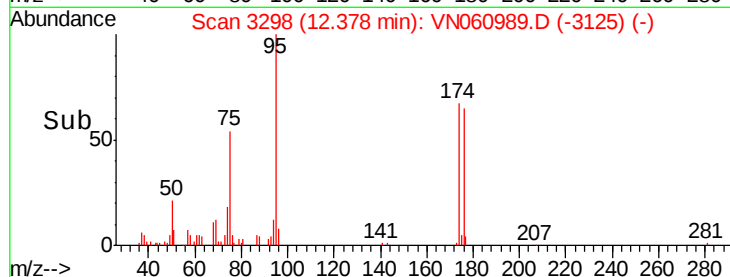
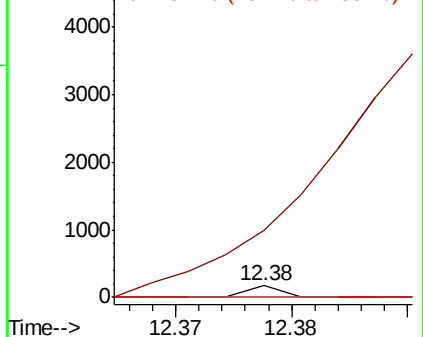


Abundance

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: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060989.D

Acq: 16 Apr 2020 2:04

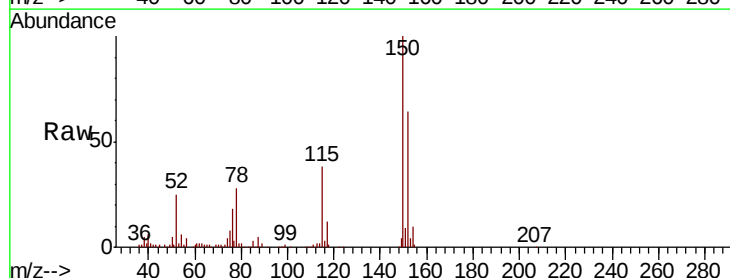
Tgt Ion:152 Resp: 107914

Ion Ratio Lower Upper

152 100

115 60.3 30.2 90.6

150 155.4 0.0 350.2

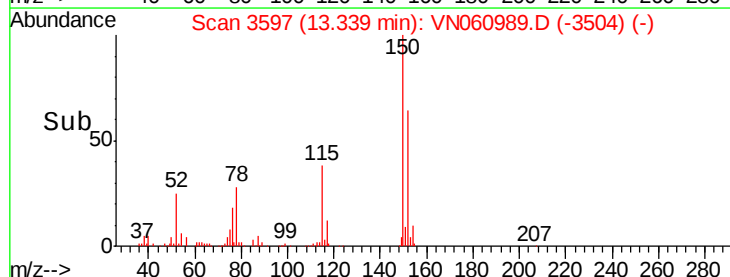
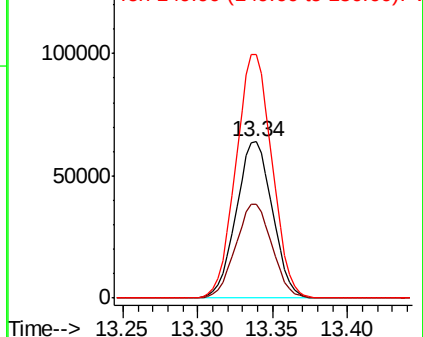


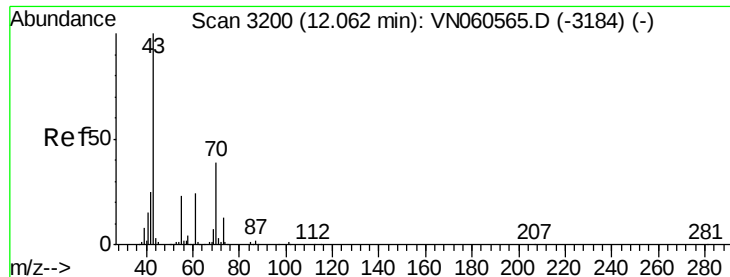
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 1.220 ug/l

RT: 12.02 min Scan# 3187

Delta R.T. -0.04 min

Lab File: VN060989.D

Acq: 16 Apr 2020 2:04

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 4565

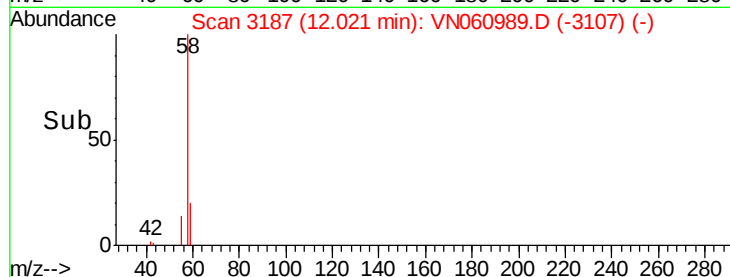
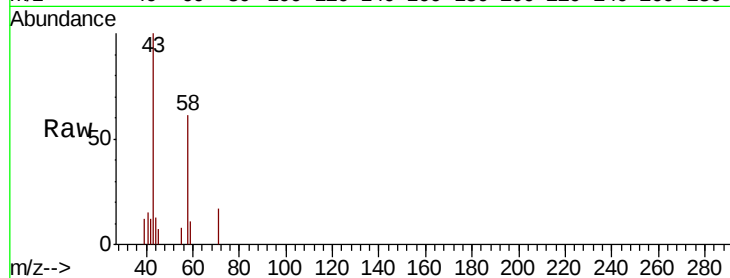
Ion Ratio Lower Upper

43 100

70 0.0 31.1 46.7#

55 4.1 18.6 27.8#

61 0.0 18.9 28.3#

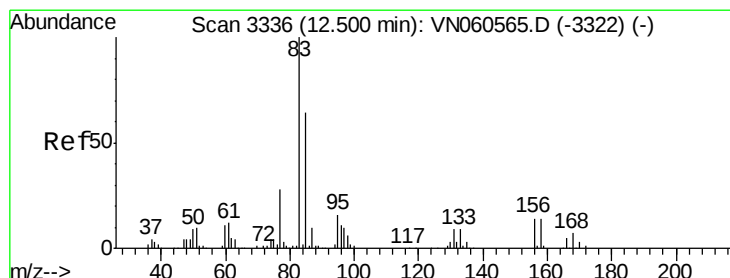
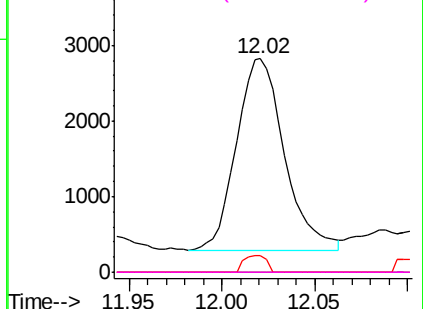


Abundance Ion 43.00 (42.70 to 43.70): VN0

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



#75

1,1,2,2-Tetrachloroethane

Concen: 0.679 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. 0.06 min

Lab File: VN060989.D

Acq: 16 Apr 2020 2:04

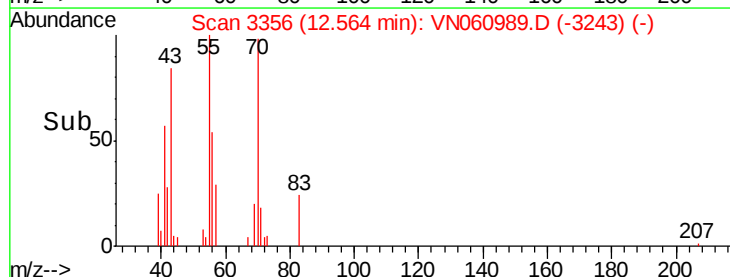
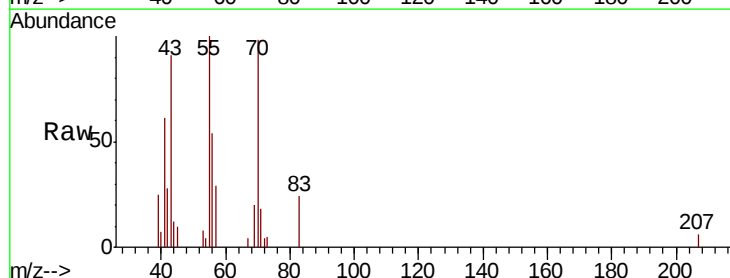
Tgt Ion: 83 Resp: 1663

Ion Ratio Lower Upper

83 100

131 0.0 4.9 14.7#

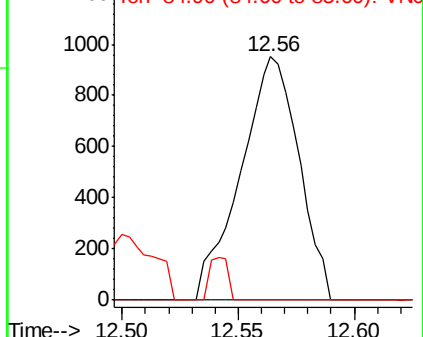
85 0.0 32.5 97.4#

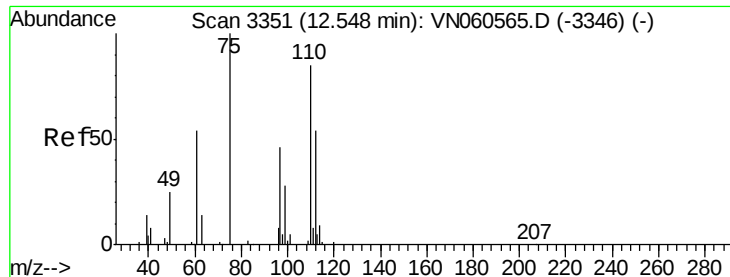


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 25.211 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.15 min

Lab File: VN060989.D

Acq: 16 Apr 2020 2:04

Instrument :

MSVOA_N

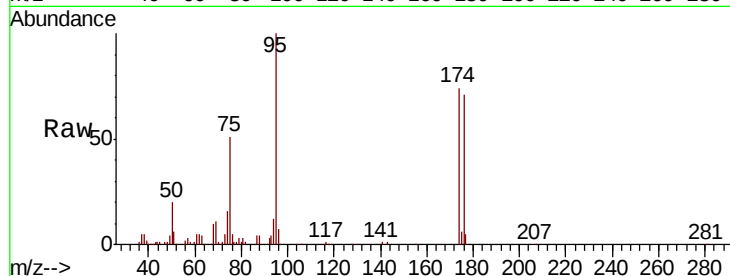
ClientSampleId :

Tot Ion: 75 Resp: 58705

Ion Ratio Lower Upper

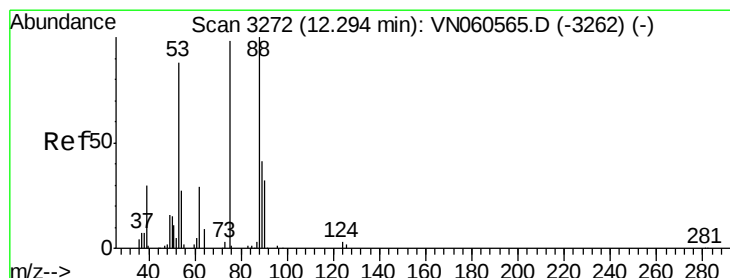
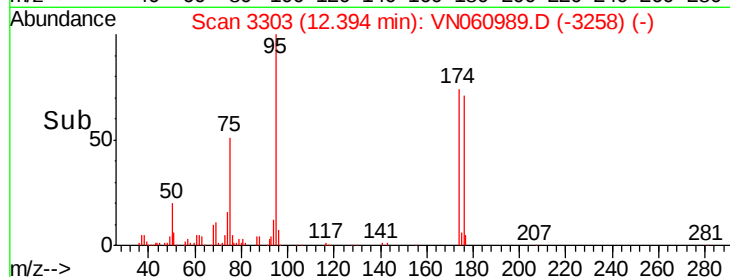
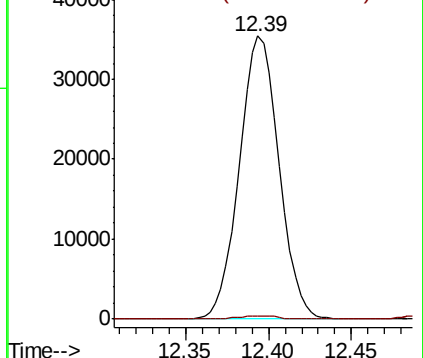
75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#81

trans-1,4-Dichloro-2-butene

Concen: 64.749 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.10 min

Lab File: VN060989.D

Acq: 16 Apr 2020 2:04

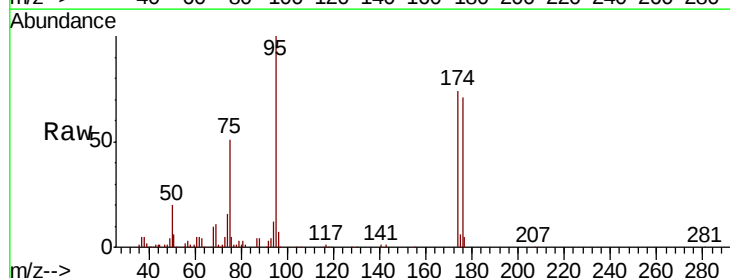
Tgt Ion: 75 Resp: 58705

Ion Ratio Lower Upper

75 100

53 0.0 73.0 109.4#

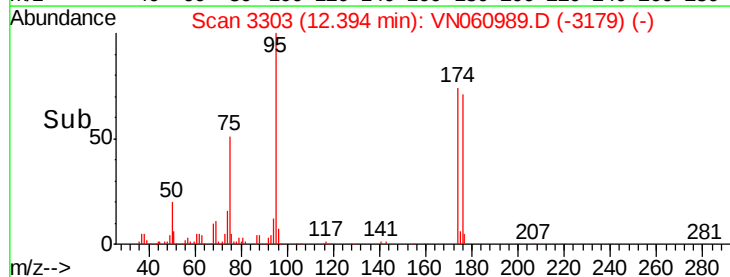
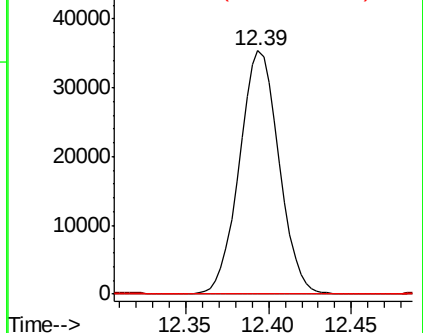
89 0.0 34.8 52.2#

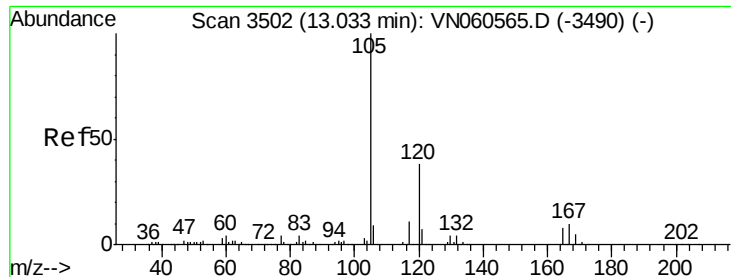


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

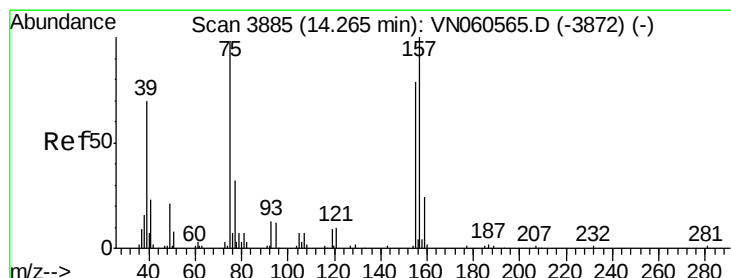
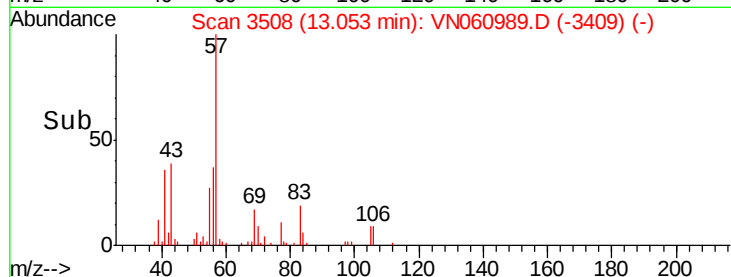
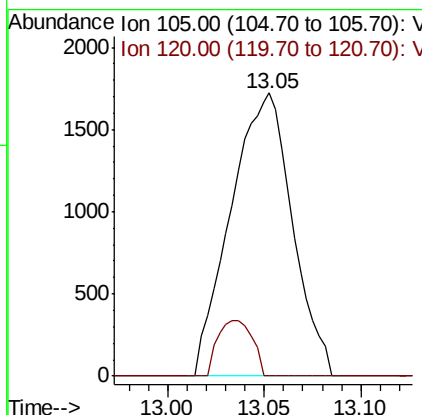
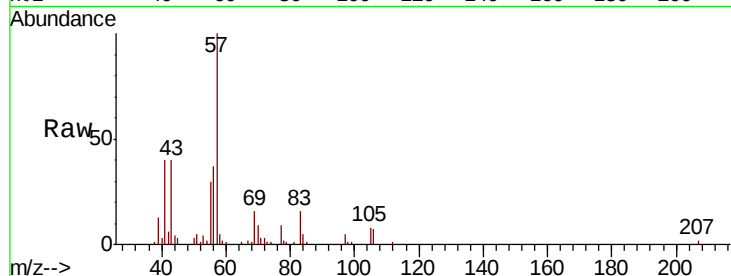




#84
 1,2,4-Trimethylbenzene
 Concen: 0.561 ug/l
 RT: 13.05 min Scan# 3508
 Delta R.T. 0.02 min
 Lab File: VN060989.D
 Acq: 16 Apr 2020 2:04

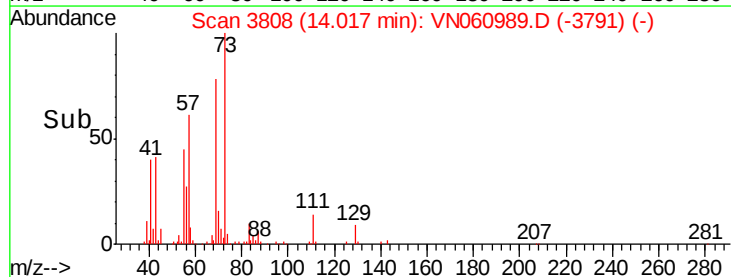
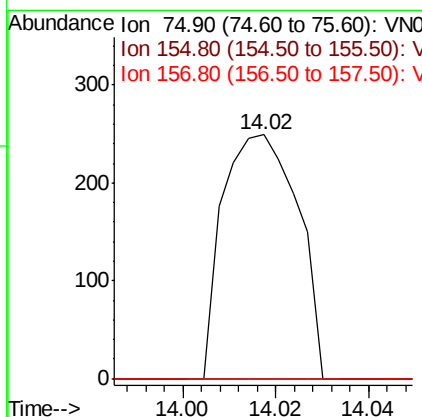
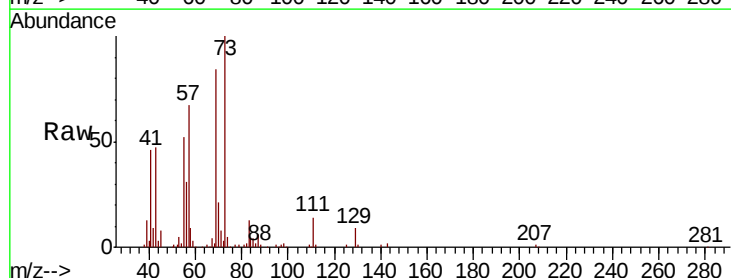
Instrument :
 MSVOA_N
 ClientSampled :

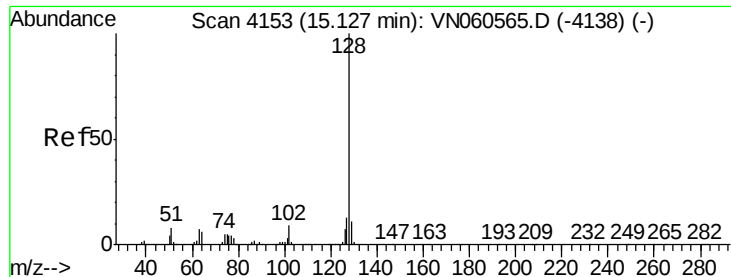
Tot Ion: 105 Resp: 3813
 Ion Ratio Lower Upper
 105 100
 120 11.0 22.1 66.5#



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.281 ug/l
 RT: 14.02 min Scan# 3808
 Delta R.T. -0.25 min
 Lab File: VN060989.D
 Acq: 16 Apr 2020 2:04

Tgt Ion: 75 Resp: 281
 Ion Ratio Lower Upper
 75 100
 155 0.0 40.7 122.1#
 157 0.0 51.5 154.7#

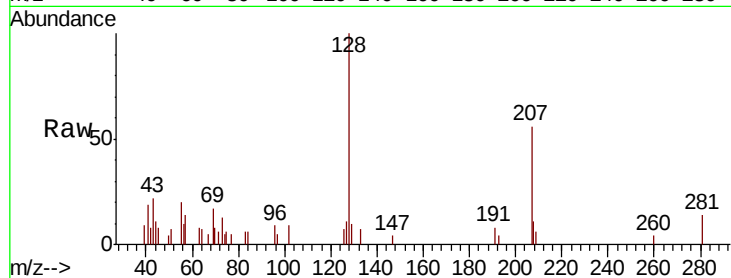




#95
 Naphthalene
 Concen: 1.145 ug/l
 RT: 15.13 min Scan# 4153
 Delta R.T. 0.00 min
 Lab File: VN060989.D
 Acq: 16 Apr 2020 2:04

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.1	10.2	15.2
129	9.5	8.8	13.2



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

