

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041620\
 Data File : VN061020.D
 Acq On : 16 Apr 2020 18:35
 Operator : JC/MD
 Sample : L2284-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 17 04:00:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 17 03:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	177666	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	305792	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	286190	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	126568	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	119442	52.55	ug/l	0.00
Spiked Amount			Recovery	=	105.10%	
35) Dibromofluoromethane	7.56	113	90153	50.48	ug/l	0.00
Spiked Amount			Recovery	=	100.96%	
50) Toluene-d8	10.08	98	376085	55.73	ug/l	0.00
Spiked Amount			Recovery	=	111.46%	
62) 4-Bromofluorobenzene	12.39	95	140112	52.98	ug/l	0.00
Spiked Amount			Recovery	=	105.96%	

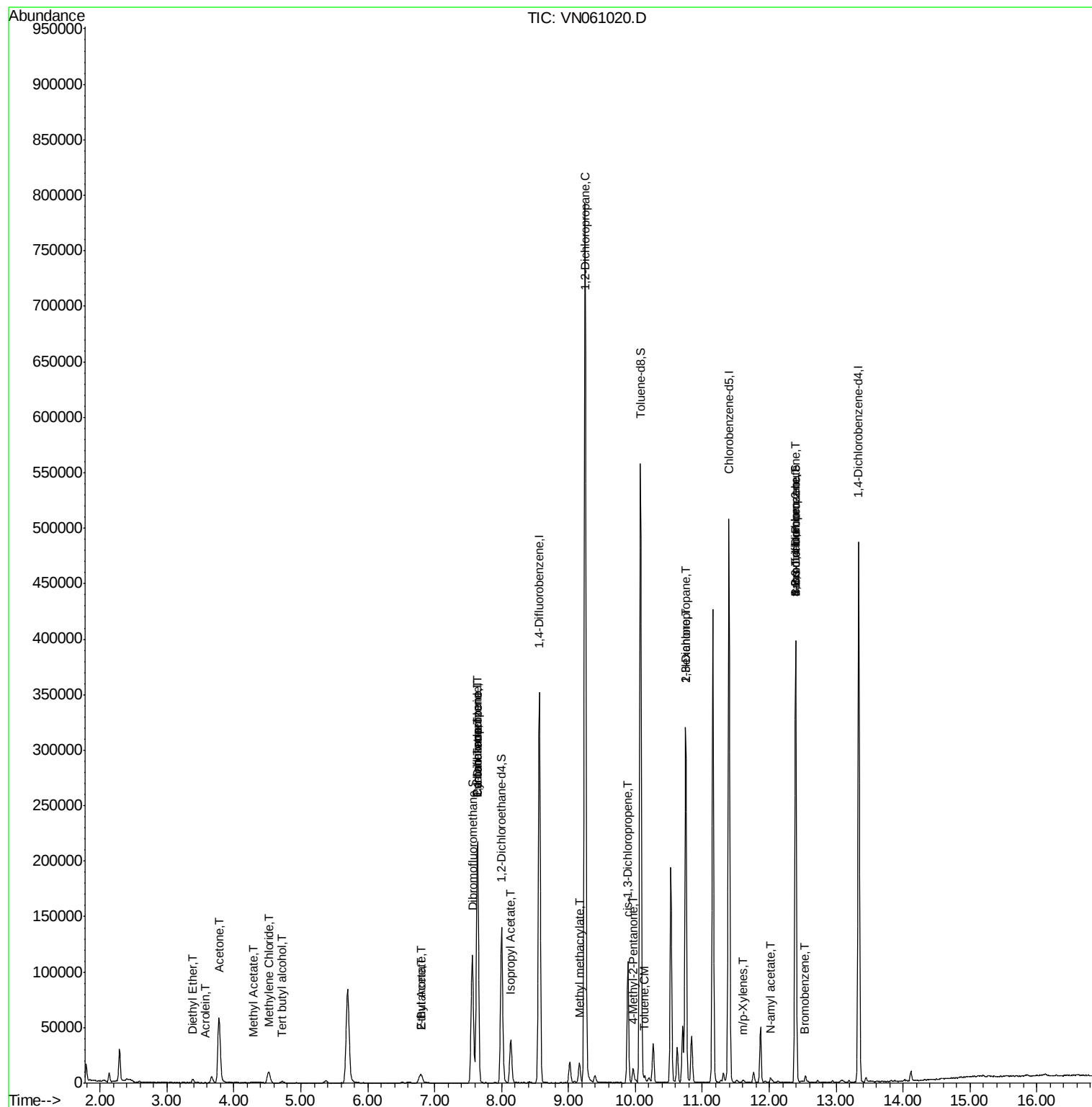
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.38	74	1646	1.270	ug/l	97
11) Tert butyl alcohol	4.72	59	2608	6.466	ug/l #	73
13) Acrolein	3.58	56	100	0.294	ug/l #	14
16) Acetone	3.78	43	100582	100.530	ug/l	97
18) Methyl Acetate	4.29	43	1855	0.591	ug/l #	54
20) Methylene Chloride	4.52	84	7992	3.659	ug/l	99
25) 2-Butanone	6.80	43	12864	8.391	ug/l	99
31) Cyclohexane	7.64	56	3927	0.927	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	14326	4.540	ug/l #	47
37) Ethyl Acetate	6.80	43	12864	3.754	ug/l #	69
38) Carbon Tetrachloride	7.64	117	17405	6.627	ug/l #	15
43) Isopropyl Acetate	8.14	43	47484	8.521	ug/l #	91
45) 1,2-Dichloropropane	9.25	63	864	0.342	ug/l #	43
48) Methyl methacrylate	9.16	41	2746	1.115	ug/l #	14
51) 4-Methyl-2-Pentanone	9.97	43	8348	2.599	ug/l	96
52) Toluene	10.14	92	2650	0.472	ug/l	90
54) cis-1,3-Dichloropropene	9.89	75	18992	4.866	ug/l #	60
57) 1,3-Dichloropropane	10.75	76	3113	0.821	ug/l #	43
59) 2-Hexanone	10.75	43	49361	21.306	ug/l #	54
68) m/p-Xylenes	11.61	106	855	0.213	ug/l	82
71) Bromoform	12.40	173	657	0.416	ug/l #	1
74) N-amyl acetate	12.02	43	3342	0.709	ug/l #	47
76) 1,2,3-Trichloropropane	12.39	75	72036	25.875	ug/l #	100
77) Bromobenzene	12.52	156	517	0.218	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.39	75	72036	63.823	ug/l #	12

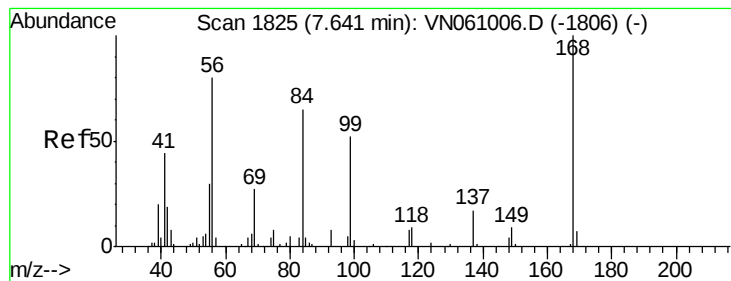
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041620\
Data File : VN061020.D
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MSVOA_N
ClientSampleId :

Quant Time: Apr 17 04:00:03 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 17 03:49:39 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VN061020.D

Acq: 16 Apr 2020 18:35

Instrument :

MSVOA_N

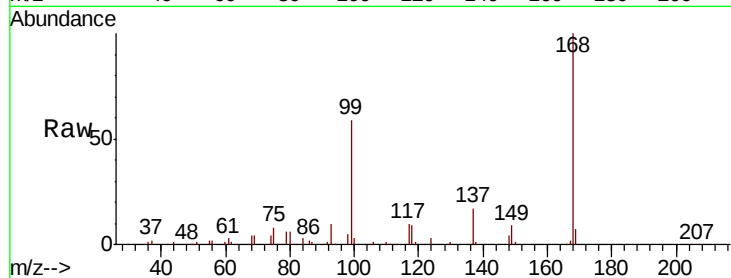
ClientSampleId :

Tot Ion:168 Resp: 177666

Ion Ratio Lower Upper

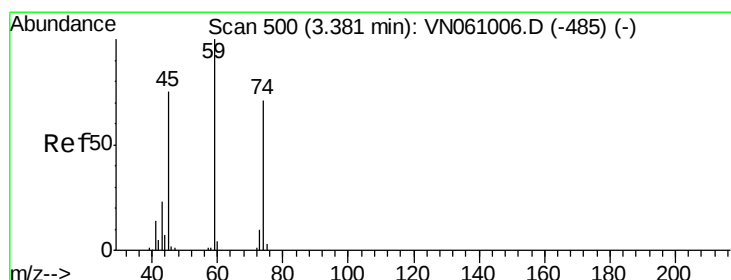
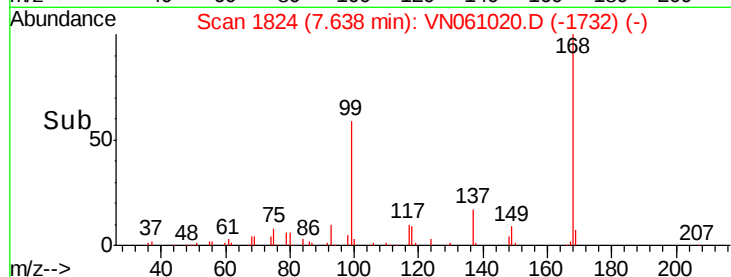
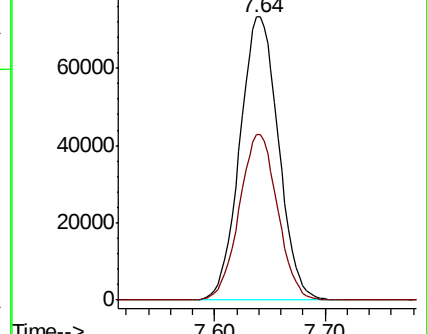
168 100

99 58.5 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#8

Diethyl Ether

Concen: 1.270 ug/l

RT: 3.38 min Scan# 501

Delta R.T. 0.00 min

Lab File: VN061020.D

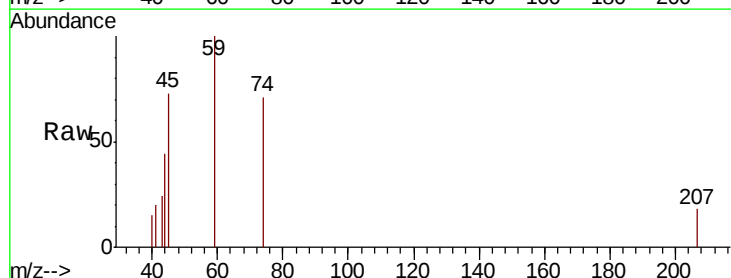
Acq: 16 Apr 2020 18:35

Tgt Ion: 74 Resp: 1646

Ion Ratio Lower Upper

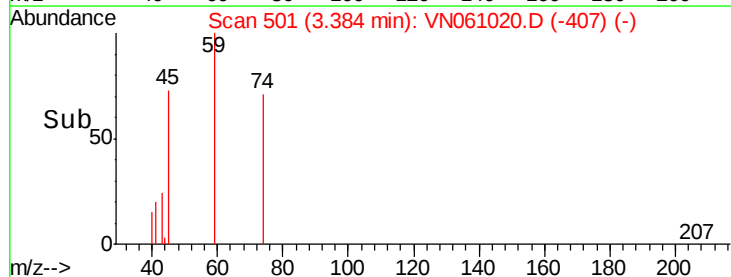
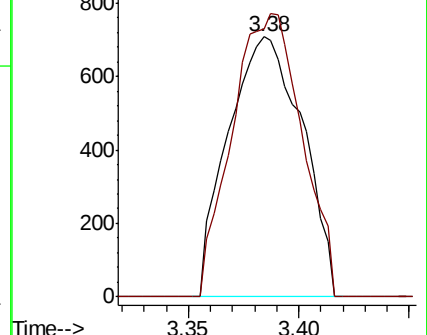
74 100

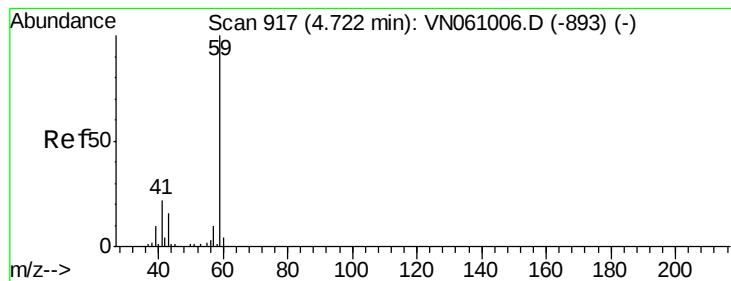
45 102.5 52.9 158.8



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



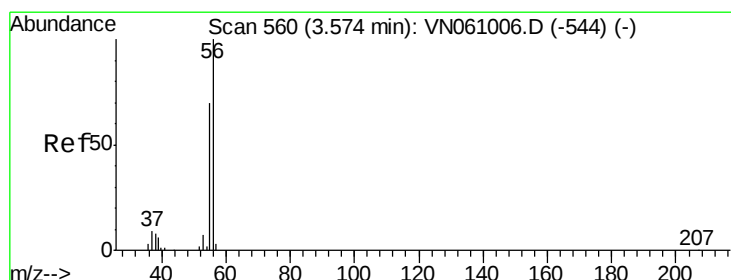
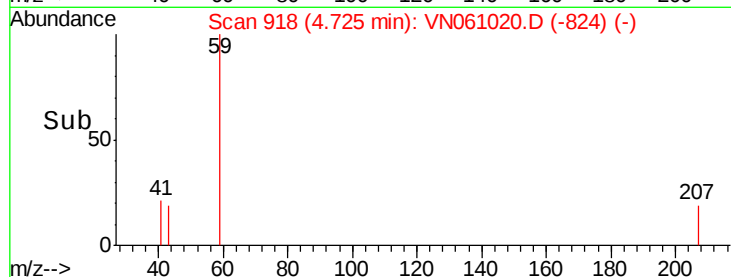
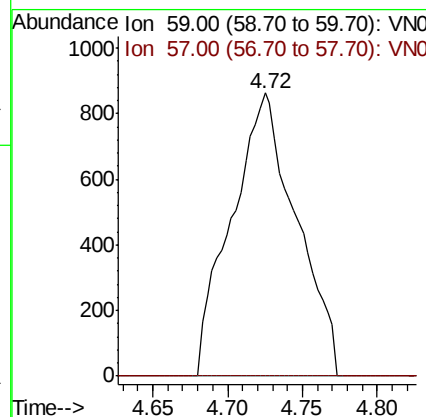
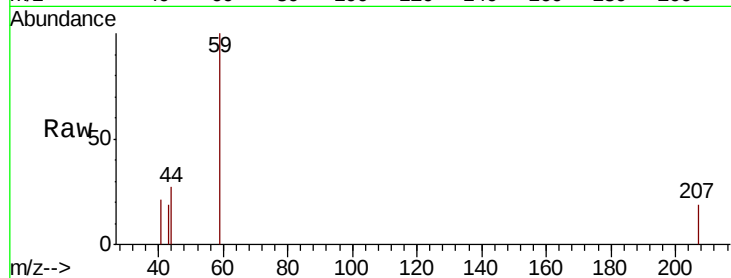


#11

Tert butyl alcohol
 Concen: 6.466 ug/l
 RT: 4.72 min Scan# 918
 Delta R.T. 0.00 min
 Lab File: VN061020.D
 Acq: 16 Apr 2020 18:35

Instrument :
 MSVOA_N
 ClientSampleId :

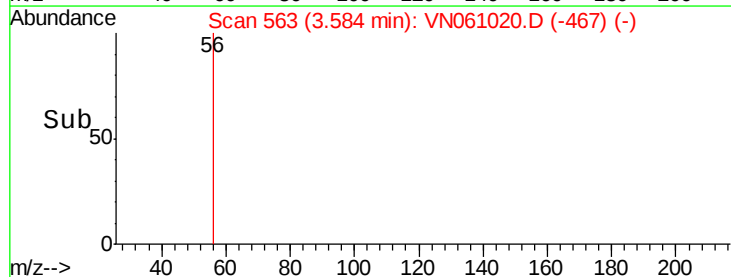
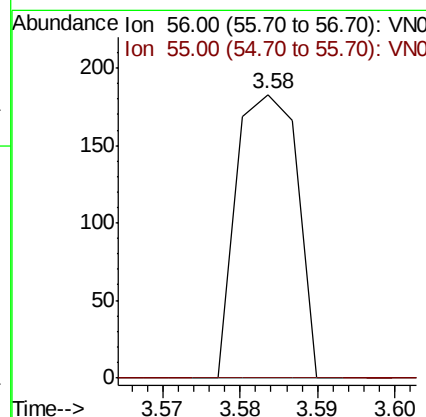
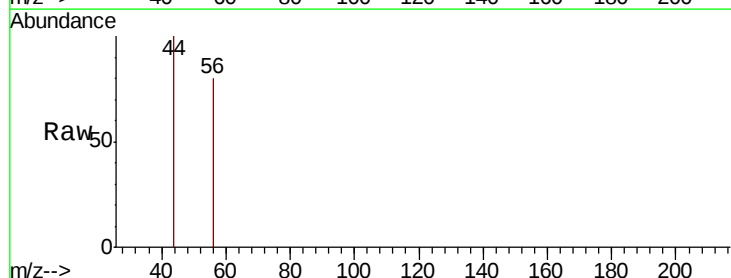
Tot Ion: 59 Resp: 2608
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.1 12.1#

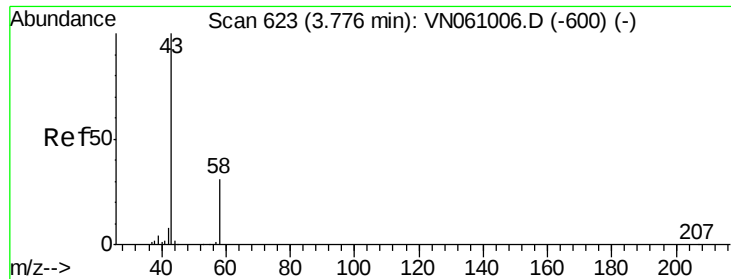


#13

Acrolein
 Concen: 0.294 ug/l
 RT: 3.58 min Scan# 563
 Delta R.T. 0.01 min
 Lab File: VN061020.D
 Acq: 16 Apr 2020 18:35

Tgt Ion: 56 Resp: 100
 Ion Ratio Lower Upper
 56 100
 55 0.0 57.0 85.6#





#16

Acetone

Concen: 100.530 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061020.D

Acq: 16 Apr 2020 18:35

Instrument :

MSVOA_N

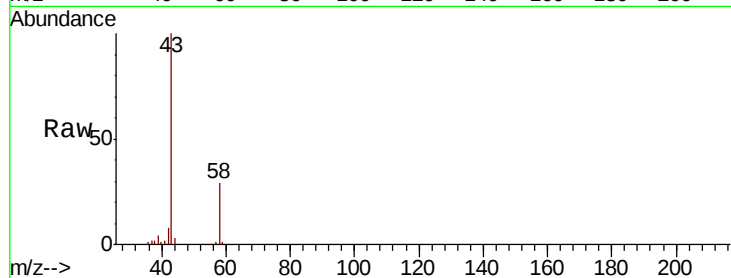
ClientSampleId :

Tot Ion: 43 Resp: 100582

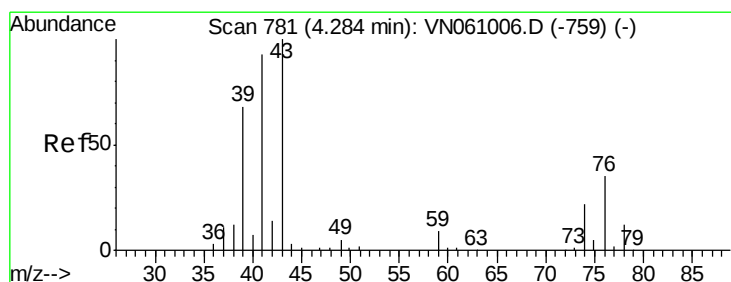
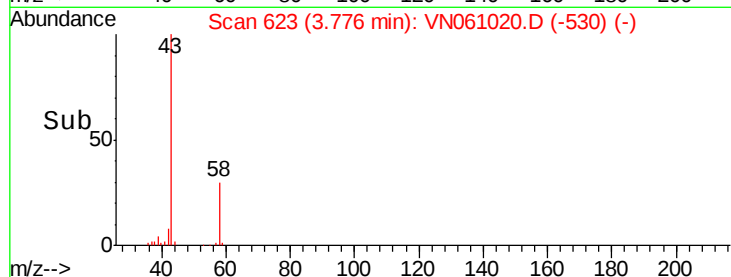
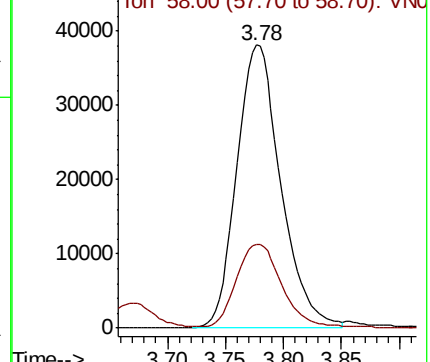
Ion Ratio Lower Upper

43 100

58 28.9 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN061006.D (-600) (-)



#18

Methyl Acetate

Concen: 0.591 ug/l

RT: 4.29 min Scan# 782

Delta R.T. 0.00 min

Lab File: VN061020.D

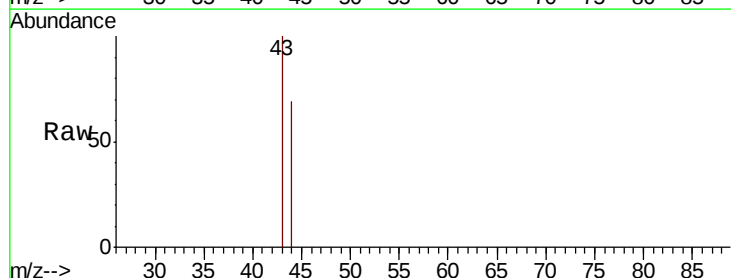
Acq: 16 Apr 2020 18:35

Tgt Ion: 43 Resp: 1855

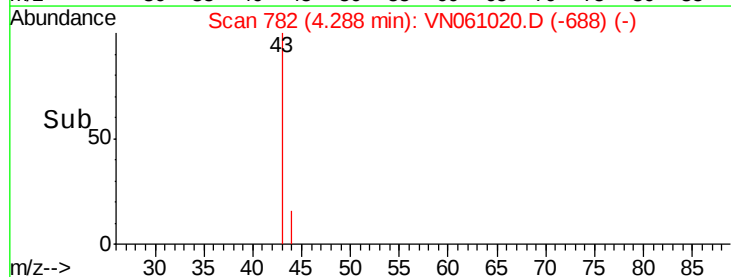
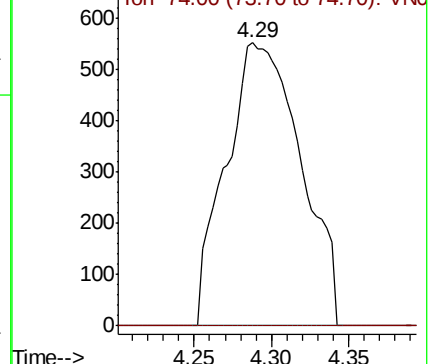
Ion Ratio Lower Upper

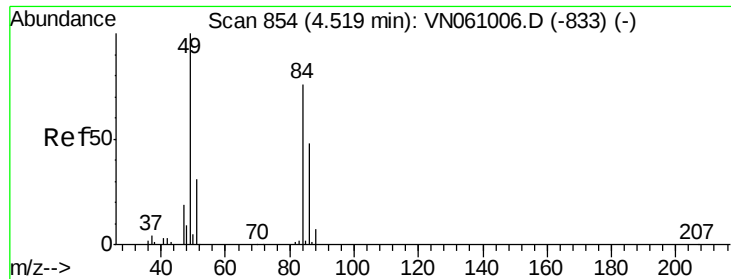
43 100

74 0.0 17.4 26.0#



Abundance Ion 43.00 (42.70 to 43.70): VN061006.D (-759) (-)

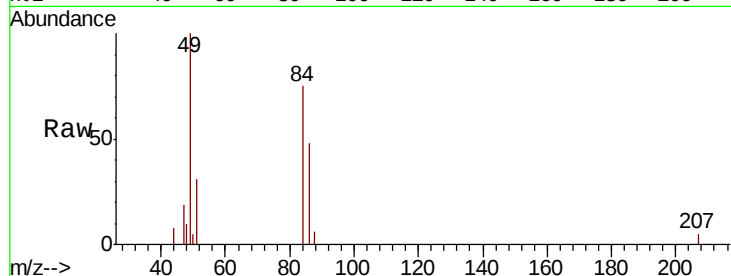




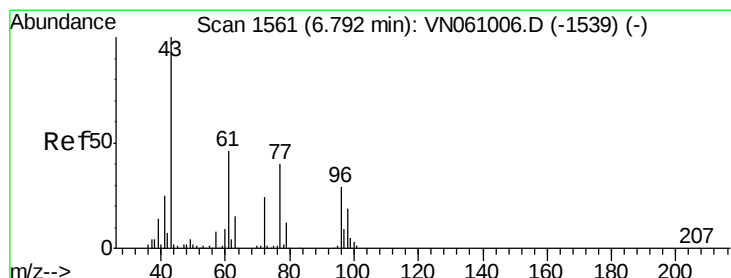
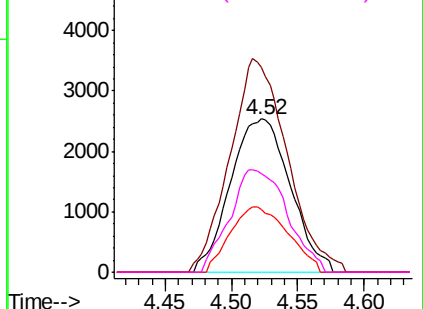
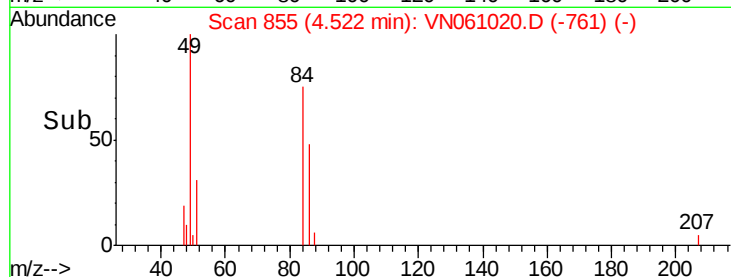
#20
Methvlene Chloride
Concen: 3.659 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN061020.D
Acq: 16 Apr 2020 18:35

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	84	Resp:	7992
Ion	Ratio	Lower	Upper
84	100		
49	134.1	105.8	158.6
51	41.0	32.4	48.6
86	64.7	51.1	76.7

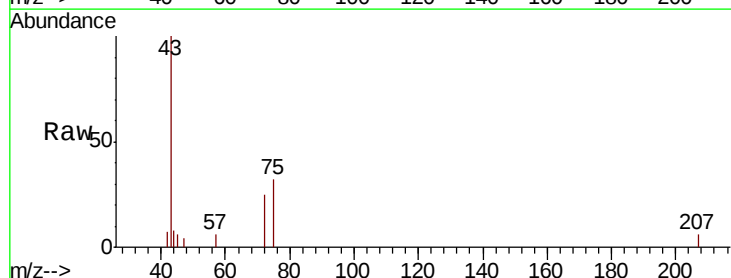


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

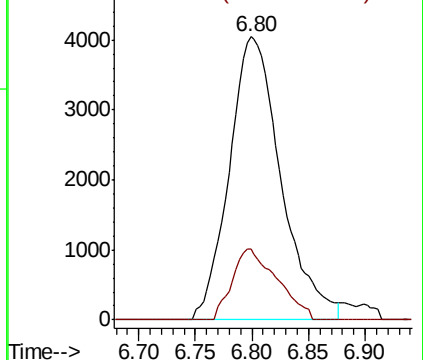
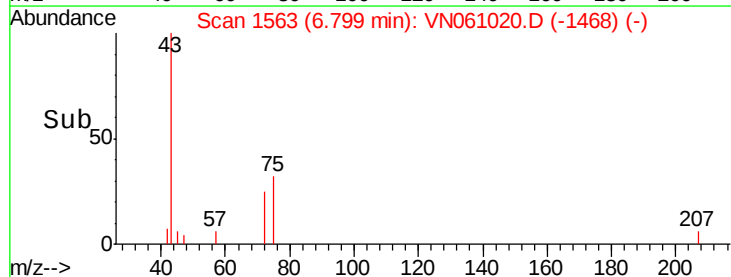


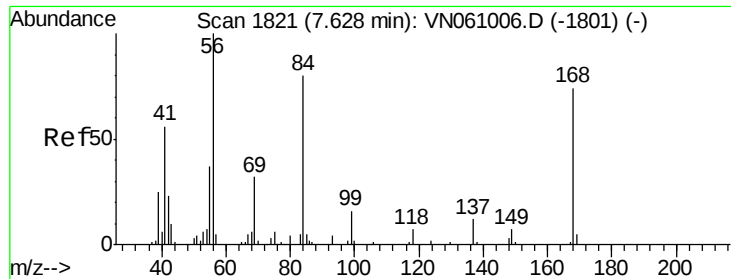
#25
2-Butanone
Concen: 8.391 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.01 min
Lab File: VN061020.D
Acq: 16 Apr 2020 18:35

Tgt Ion:	43	Resp:	12864
Ion	Ratio	Lower	Upper
43	100		
72	24.9	19.6	29.4



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0

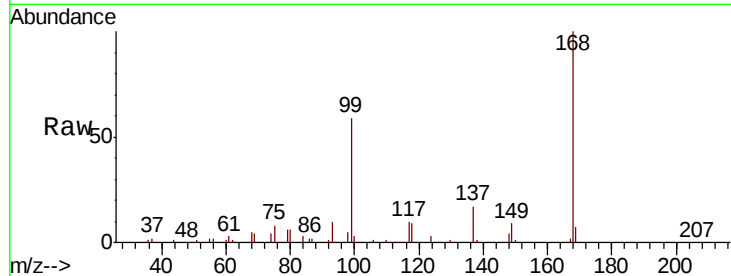




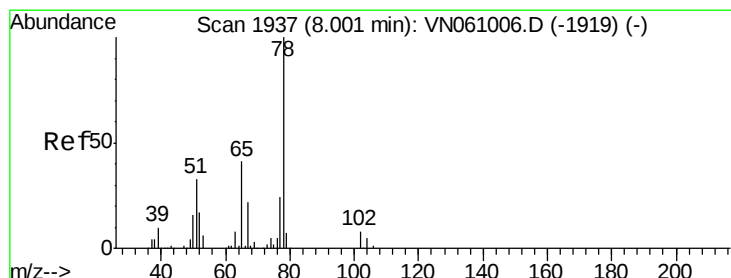
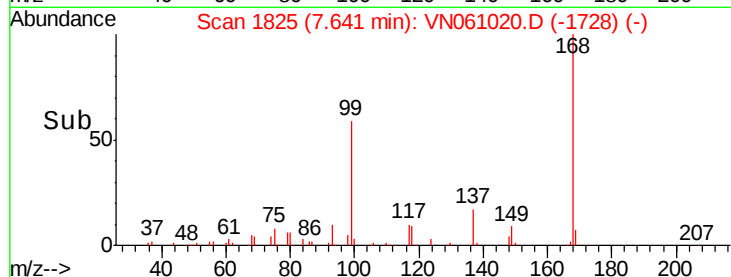
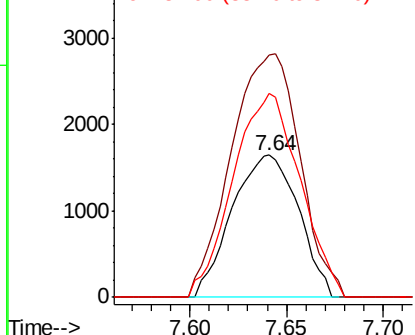
#31
Cyclohexane
Concen: 0.927 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. 0.01 min
Lab File: VN061020.D
Acq: 16 Apr 2020 18:35

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 3927
Ion Ratio Lower Upper
56 100
69 169.7 25.6 38.4#
84 143.1 63.4 95.2#

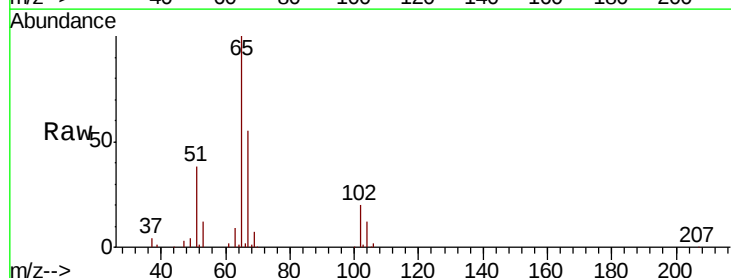


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

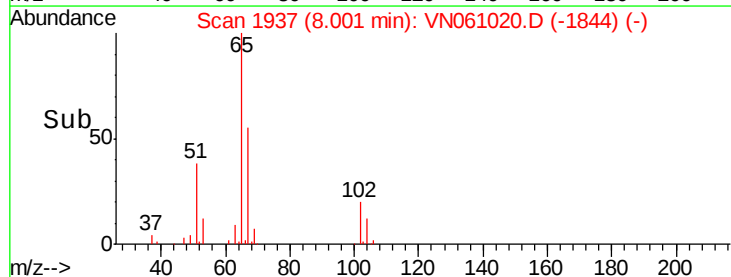
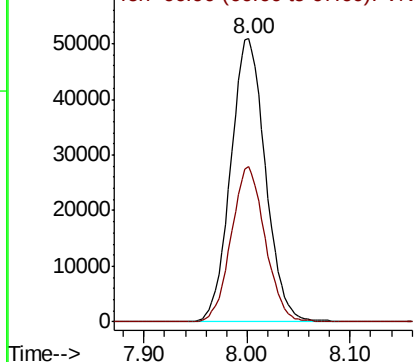


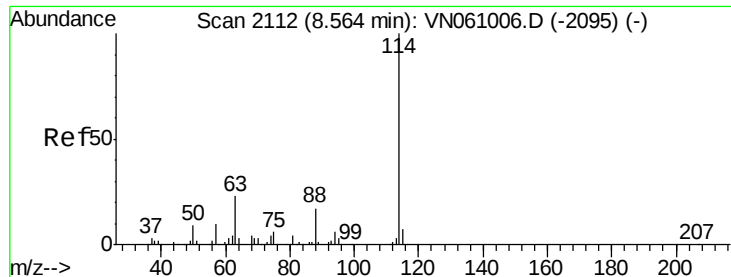
#33
1,2-Dichloroethane-d4
Concen: 52.545 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN061020.D
Acq: 16 Apr 2020 18:35

Tgt Ion: 65 Resp: 119442
Ion Ratio Lower Upper
65 100
67 53.4 0.0 107.0



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

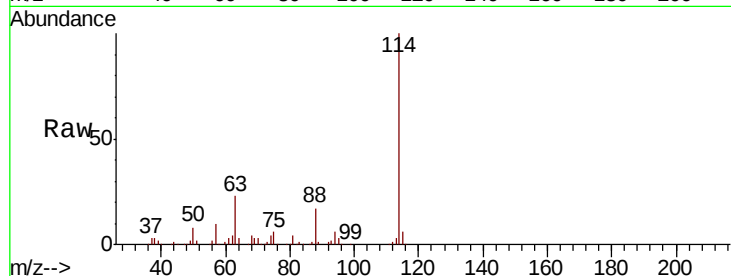




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: VN061020.D
 Acq: 16 Apr 2020 18:35

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	46.2
88	16.6	0.0	33.4

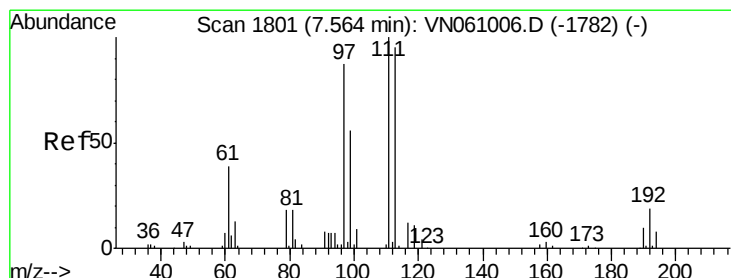
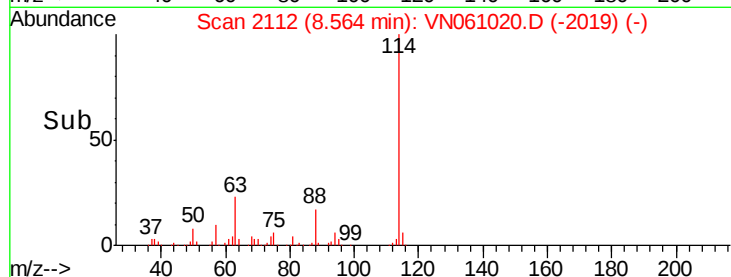
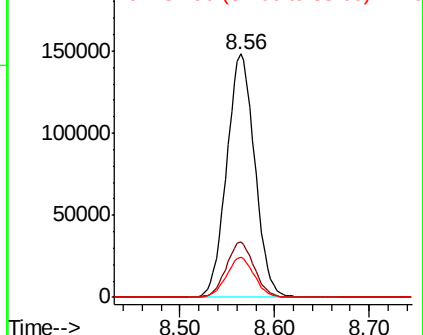


Abundance

Ion 113.90 (113.60 to 114.60): V

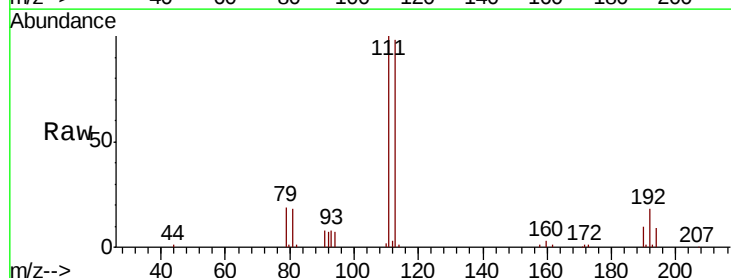
Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35
 Dibromofluoromethane
 Concen: 50.484 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN061020.D
 Acq: 16 Apr 2020 18:35

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.4	125.2
192	19.1	15.5	23.3

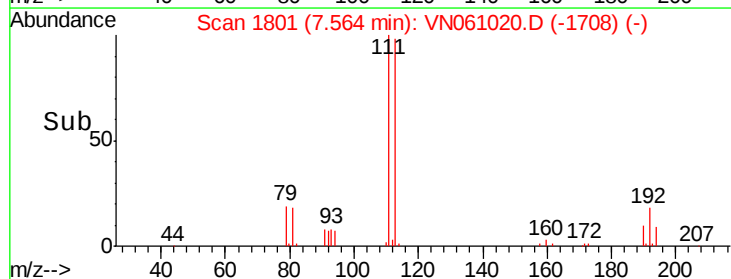
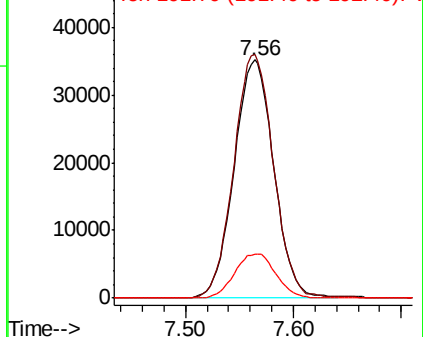


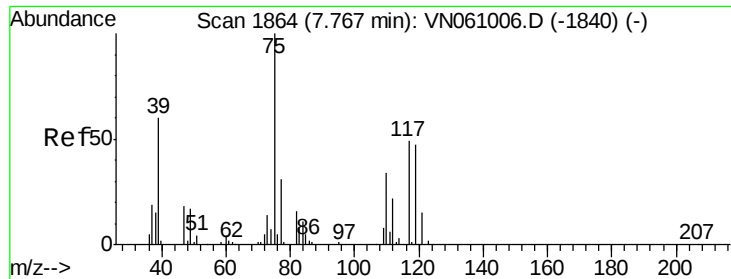
Abundance

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

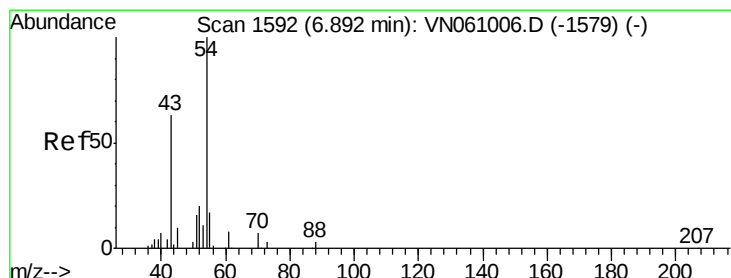
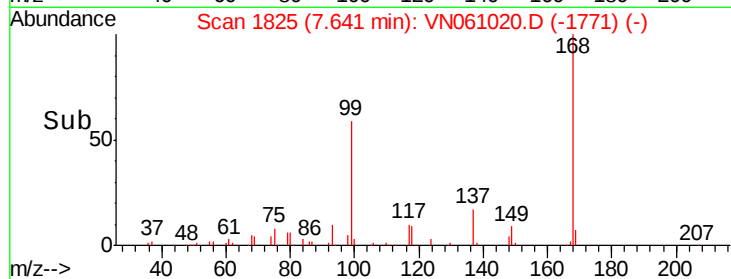
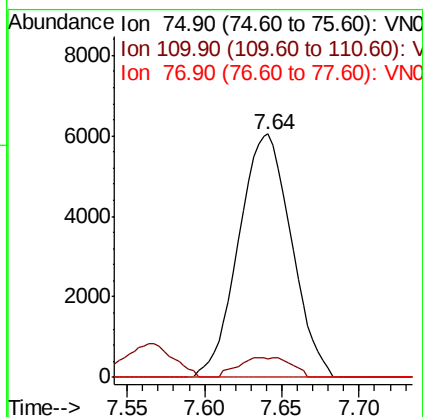
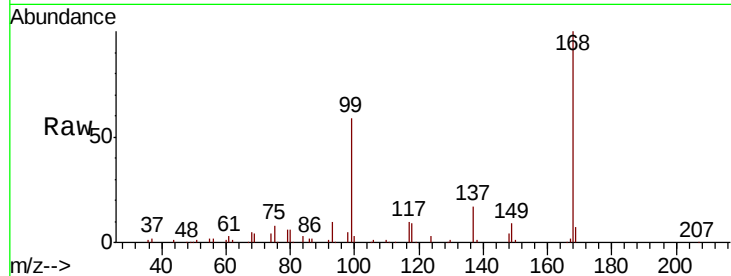




#36
 1,1-Dichloropropene
 Concen: 4.540 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN061020.D
 Acq: 16 Apr 2020 18:35

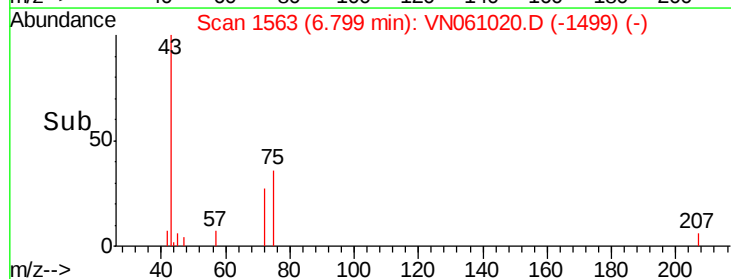
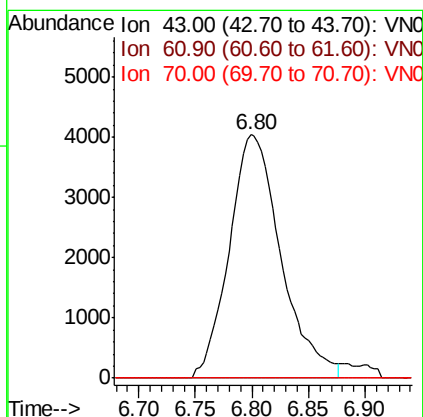
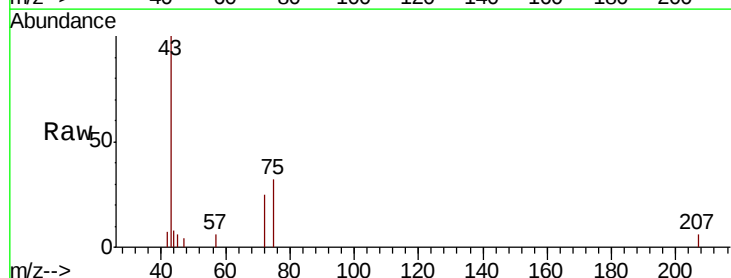
Instrument :
 MSVOA_N
 ClientSampled :

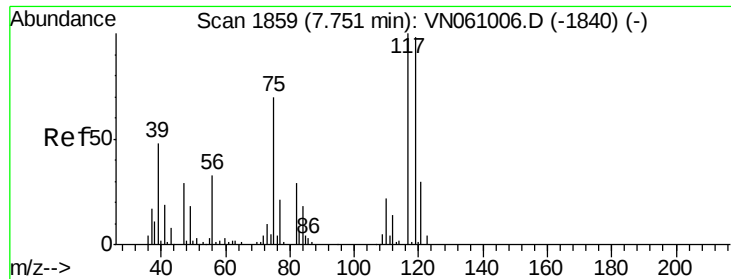
Tot Ion: 75 Resp: 14326
 Ion Ratio Lower Upper
 75 100
 110 4.7 16.8 50.3#
 77 0.0 24.7 37.1#



#37
 Ethyl Acetate
 Concen: 3.754 ug/l
 RT: 6.80 min Scan# 1563
 Delta R.T. -0.09 min
 Lab File: VN061020.D
 Acq: 16 Apr 2020 18:35

Tgt Ion: 43 Resp: 12864
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.9 16.3#
 70 0.0 7.7 11.5#





#38

Carbon Tetrachloride

Concen: 6.627 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.11 min

Lab File: VN061020.D

Acq: 16 Apr 2020 18:35

Instrument :

MSVOA_N

ClientSampleId :

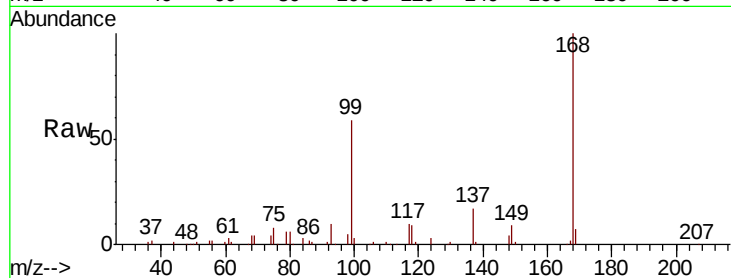
Tot Ion:117 Resp: 17405

Ion Ratio Lower Upper

117 100

119 5.3 78.1 117.1#

121 0.0 24.0 36.0#

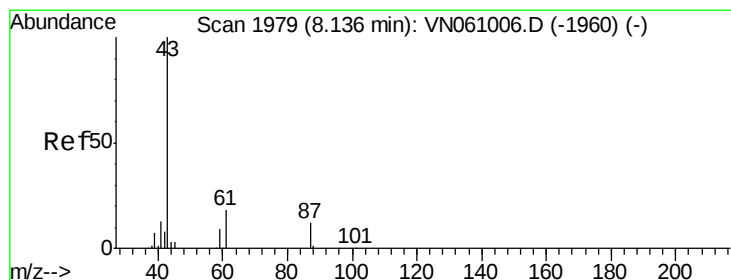
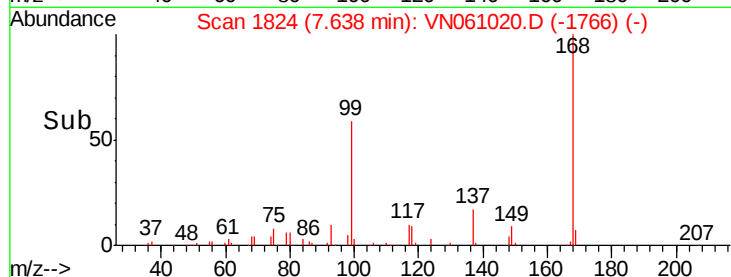
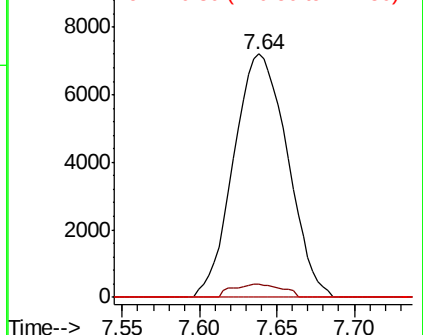


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 8.521 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. 0.00 min

Lab File: VN061020.D

Acq: 16 Apr 2020 18:35

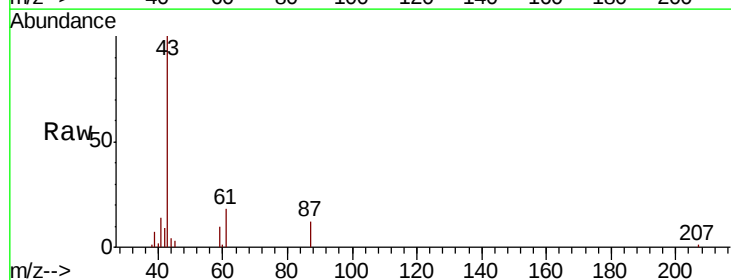
Tgt Ion: 43 Resp: 47484

Ion Ratio Lower Upper

43 100

61 19.2 20.3 30.5#

87 11.5 9.4 14.2

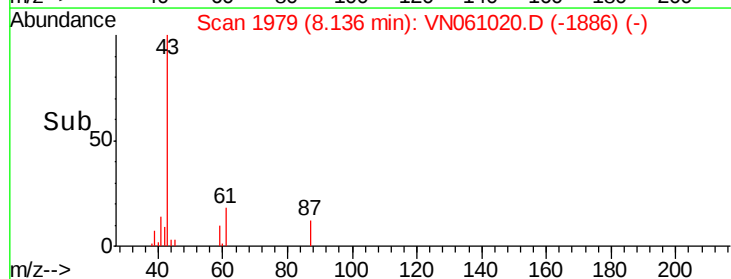
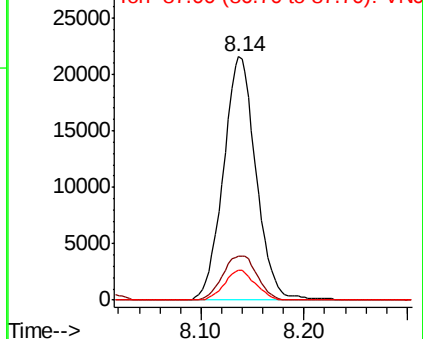


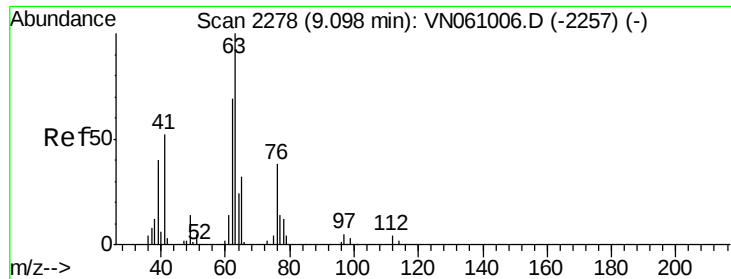
Abundance

Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#45

1,2-Dichloropropane

Concen: 0.342 ug/l

RT: 9.25 min Scan# 2326

Delta R.T. 0.15 min

Lab File: VN061020.D

Acq: 16 Apr 2020 18:35

Instrument :

MSVOA_N

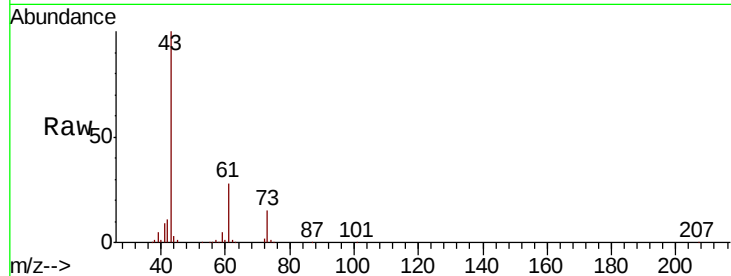
ClientSampled :

Tot Ion: 63 Resp: 864

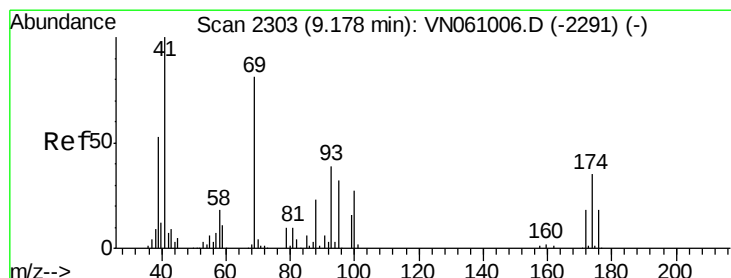
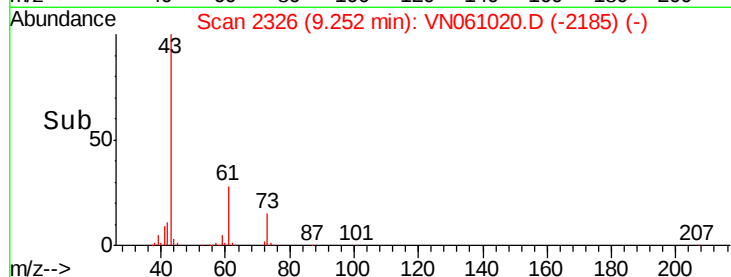
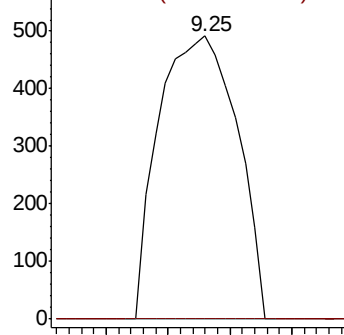
Ion Ratio Lower Upper

63 100

65 0.0 25.2 37.8#



Abundance Ion 62.90 (62.60 to 63.60): VN061020.D (-2185) (-)



#48

Methyl methacrylate

Concen: 1.115 ug/l

RT: 9.16 min Scan# 2297

Delta R.T. -0.02 min

Lab File: VN061020.D

Acq: 16 Apr 2020 18:35

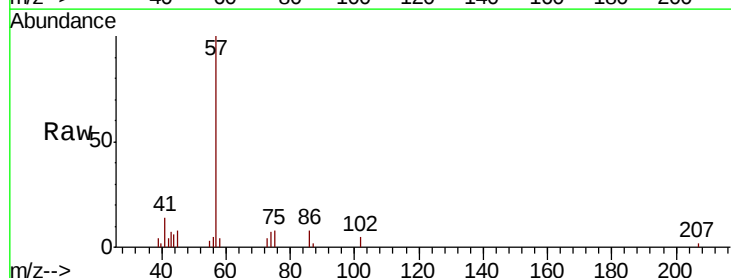
Tgt Ion: 41 Resp: 2746

Ion Ratio Lower Upper

41 100

69 0.0 65.3 97.9#

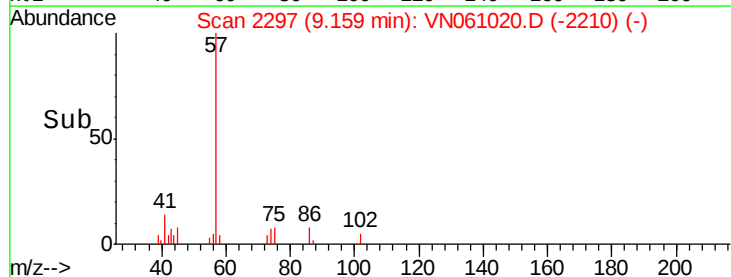
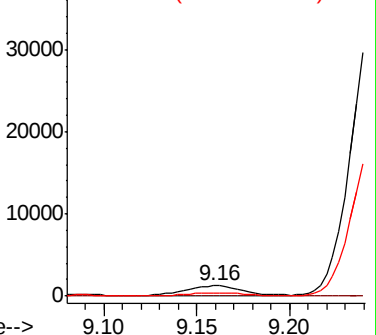
39 0.0 45.2 67.8#

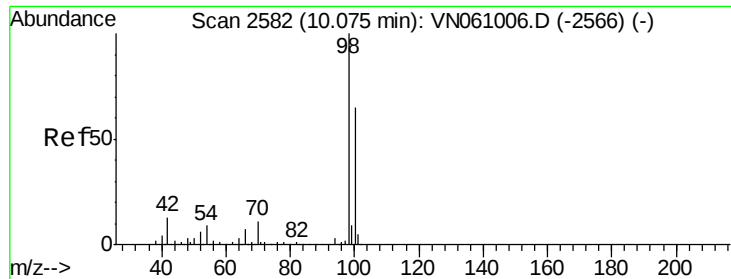


Abundance Ion 41.00 (40.70 to 41.70): VN061020.D (-2210) (-)

Ion 69.00 (68.70 to 69.70): VN061020.D (-2210) (-)

Ion 39.00 (38.70 to 39.70): VN061020.D (-2210) (-)

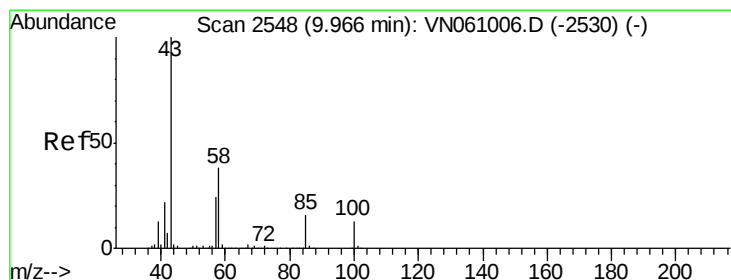
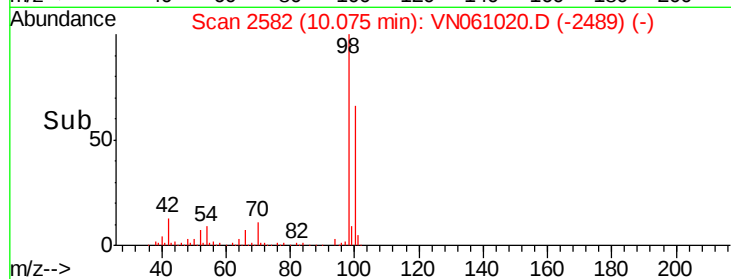
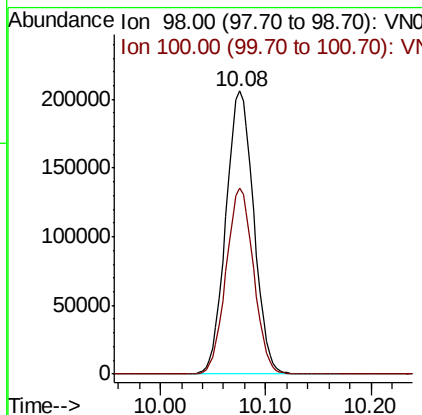
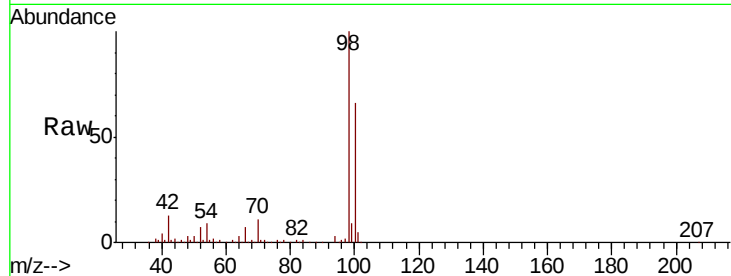




#50
Toluene-d8
Concen: 55.732 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. 0.00 min
Lab File: VN061020.D
Acq: 16 Apr 2020 18:35

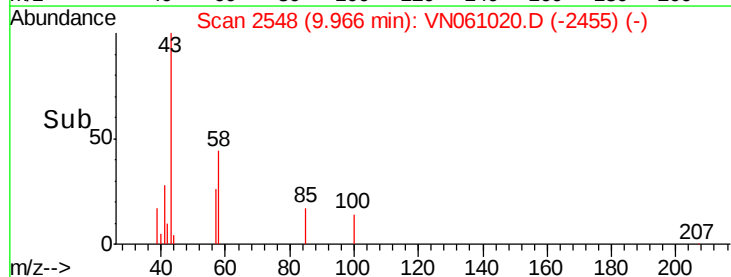
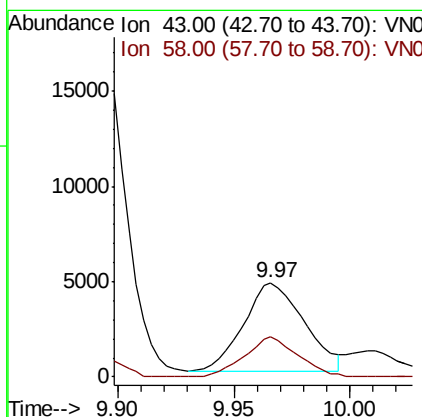
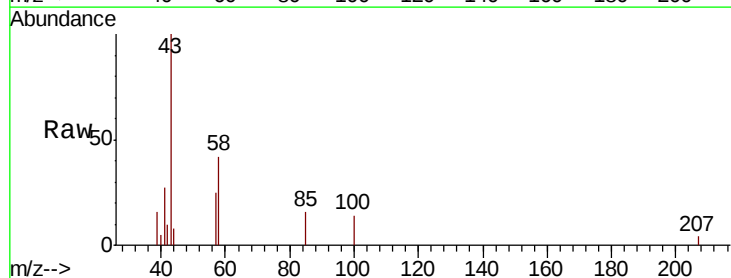
Instrument :
MSVOA_N
ClientSampled :

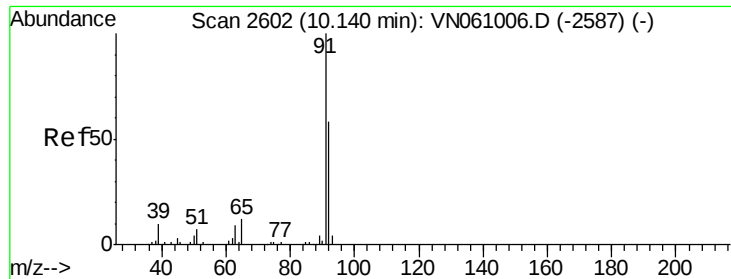
Tot Ion: 98 Resp: 376085
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 2.599 ug/l
RT: 9.97 min Scan# 2548
Delta R.T. 0.00 min
Lab File: VN061020.D
Acq: 16 Apr 2020 18:35

Tgt Ion: 43 Resp: 8348
Ion Ratio Lower Upper
43 100
58 40.3 30.3 45.5





#52

Toluene

Concen: 0.472 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN061020.D

Acq: 16 Apr 2020 18:35

Instrument :

MSVOA_N

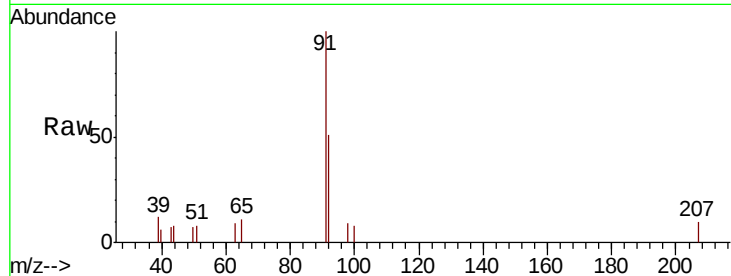
ClientSampled :

Tot Ion: 92 Resp: 2650

Ion Ratio Lower Upper

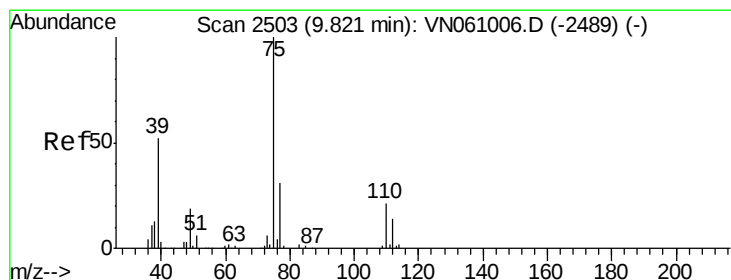
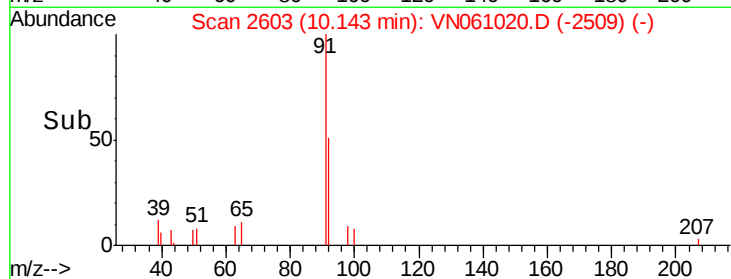
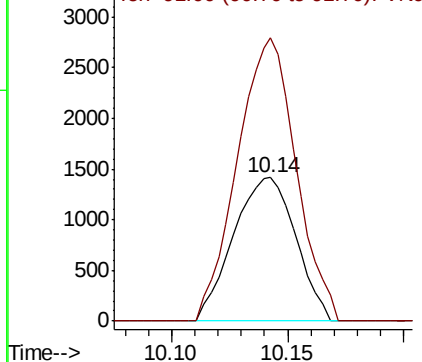
92 100

91 185.7 137.7 206.5



Abundance Ion 92.00 (91.70 to 92.70): VN061020.D (-2509) (-)

Ion 91.00 (90.70 to 91.70): VN061020.D (-2509) (-)



#54

cis-1,3-Dichloropropene

Concen: 4.866 ug/l

RT: 9.89 min Scan# 2524

Delta R.T. 0.07 min

Lab File: VN061020.D

Acq: 16 Apr 2020 18:35

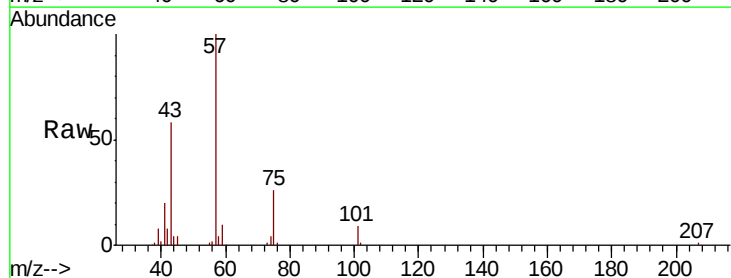
Tgt Ion: 75 Resp: 18992

Ion Ratio Lower Upper

75 100

77 0.0 25.0 37.6#

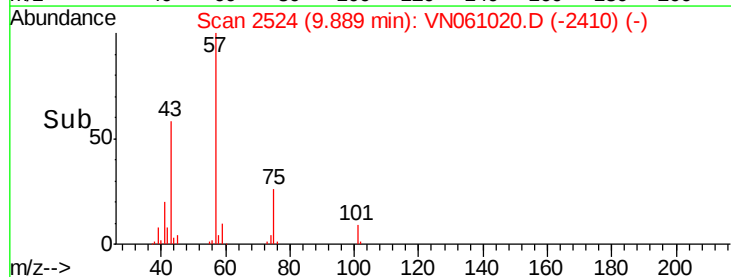
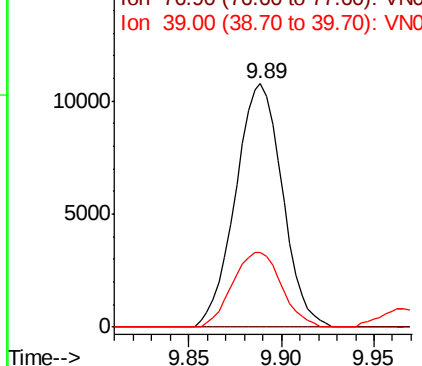
39 30.8 41.4 62.2#

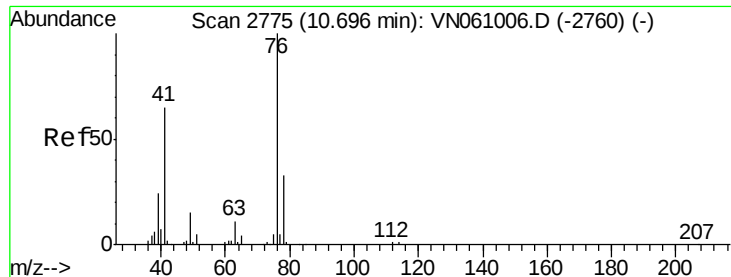


Abundance Ion 74.90 (74.60 to 75.60): VN061020.D (-2410) (-)

Ion 76.90 (76.60 to 77.60): VN061020.D (-2410) (-)

Ion 39.00 (38.70 to 39.70): VN061020.D (-2410) (-)





#57

1,3-Dichloropropane

Concen: 0.821 ug/l

RT: 10.75 min Scan# 2792

Delta R.T. 0.05 min

Lab File: VN061020.D

Acq: 16 Apr 2020 18:35

Instrument :

MSVOA_N

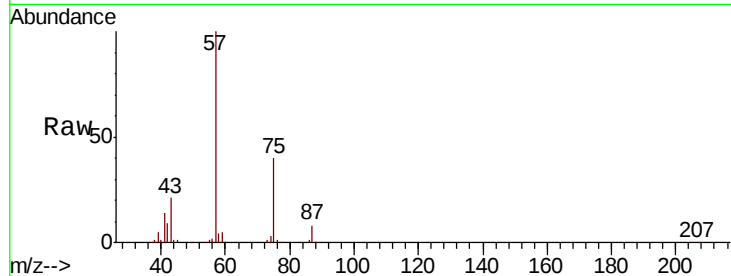
ClientSampled :

Tot Ion: 76 Resp: 3113

Ion Ratio Lower Upper

76 100

78 0.0 25.4 38.0#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.75

2000

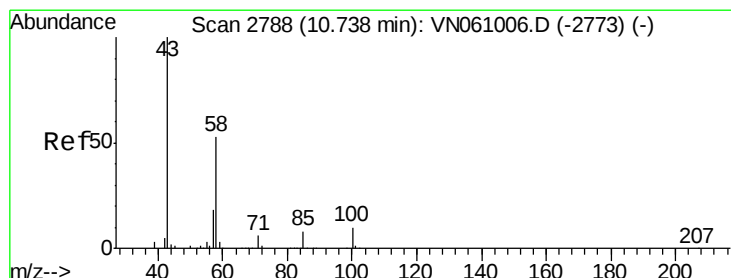
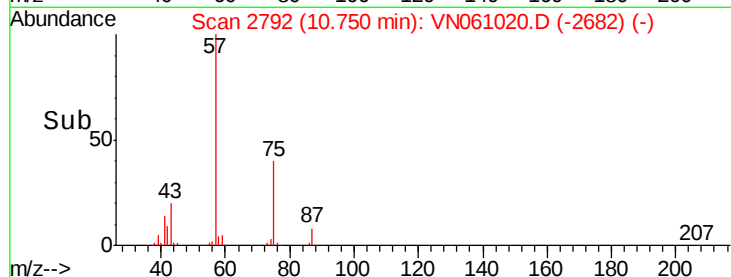
1500

1000

500

0

Time-->



#59

2-Hexanone

Concen: 21.306 ug/l

RT: 10.75 min Scan# 2792

Delta R.T. 0.01 min

Lab File: VN061020.D

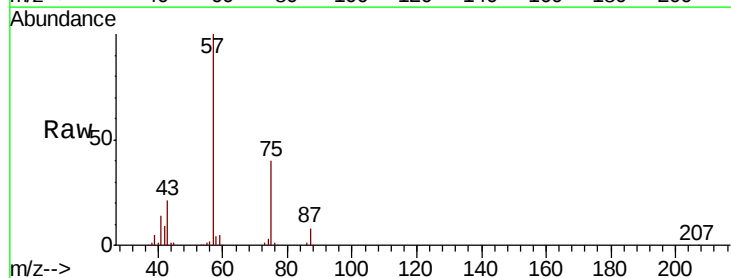
Acq: 16 Apr 2020 18:35

Tgt Ion: 43 Resp: 49361

Ion Ratio Lower Upper

43 100

58 20.0 26.4 79.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

10.75

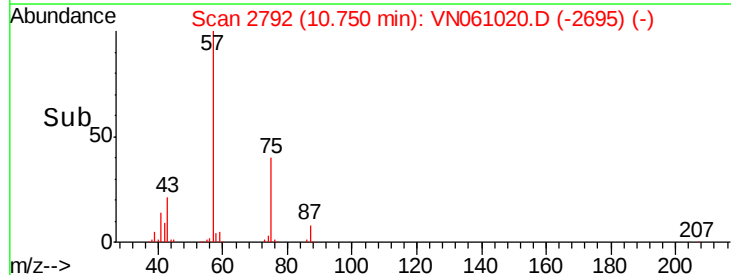
30000

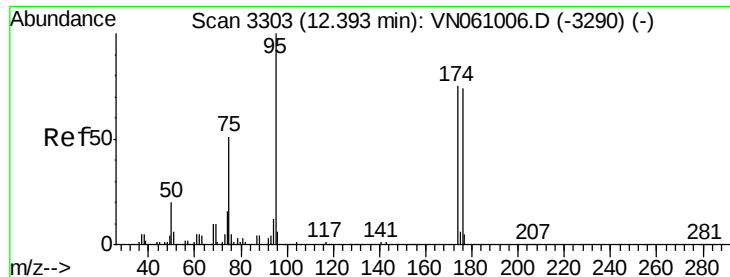
20000

10000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 52.977 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.00 min

Lab File: VN061020.D

Acq: 16 Apr 2020 18:35

Instrument :

MSVOA_N

ClientSampleId :

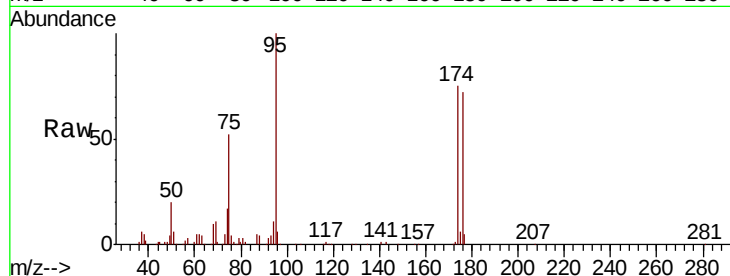
Tot Ion: 95 Resp: 140112

Ion Ratio Lower Upper

95 100

174 76.5 0.0 151.2

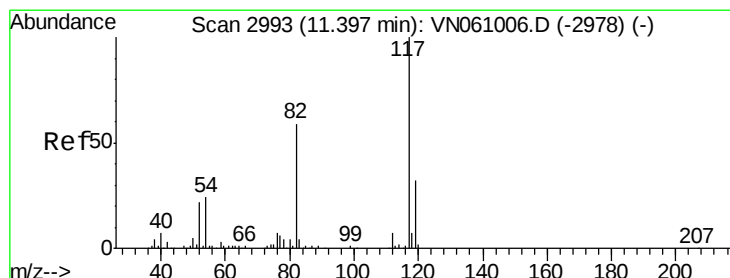
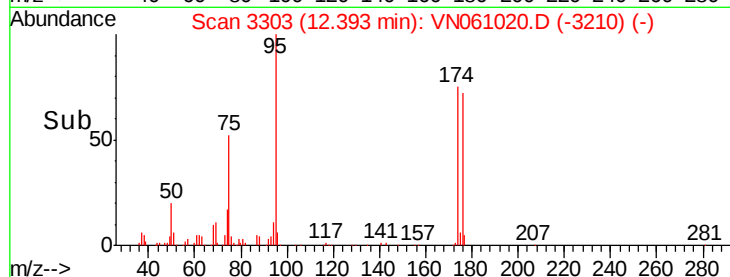
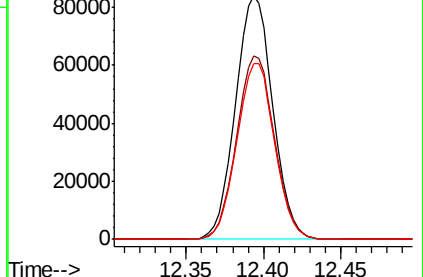
176 73.3 0.0 148.2



Abundance Ion 94.90 (94.60 to 95.60): VN061006.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN061006.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN061006.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2993

Delta R.T. 0.00 min

Lab File: VN061020.D

Acq: 16 Apr 2020 18:35

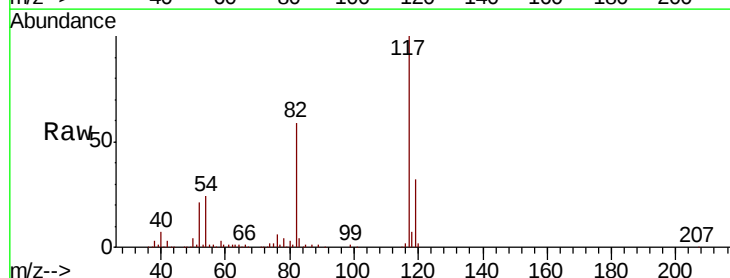
Tgt Ion: 117 Resp: 286190

Ion Ratio Lower Upper

117 100

82 58.7 47.1 70.7

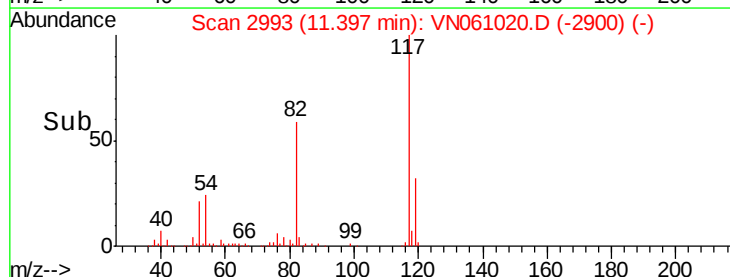
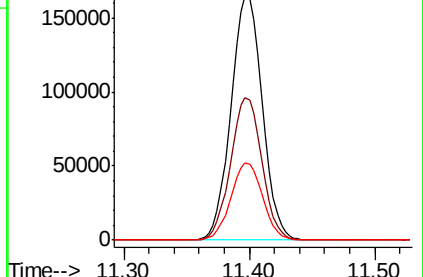
119 31.5 25.7 38.5

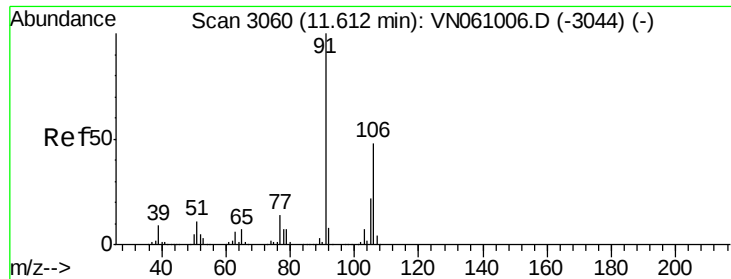


Abundance Ion 116.90 (116.60 to 117.60): VN061006.D (-2978) (-)

Ion 82.00 (81.70 to 82.70): VN061006.D (-2978) (-)

Ion 118.90 (118.60 to 119.60): VN061006.D (-2978) (-)

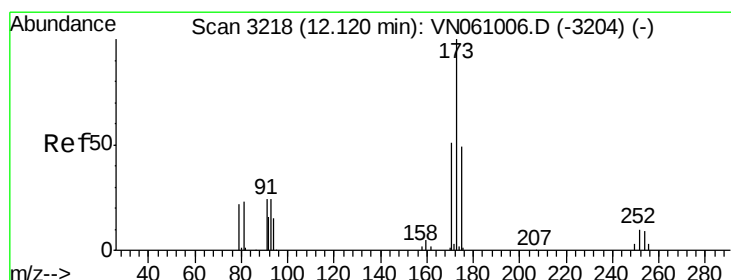
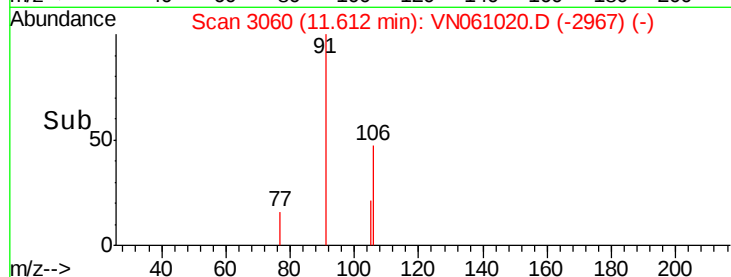
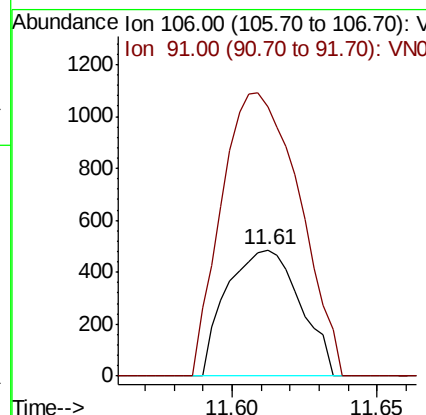
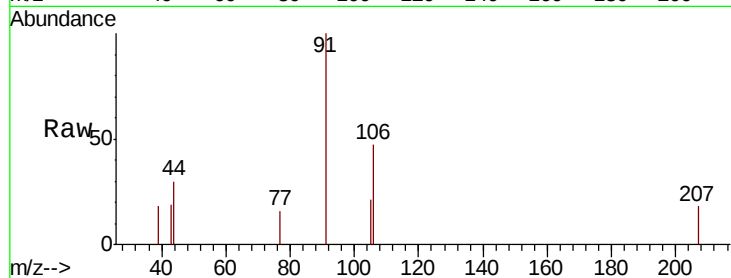




#68
m/p-Xvlenes
Concen: 0.213 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. 0.00 min
Lab File: VN061020.D
Acq: 16 Apr 2020 18:35

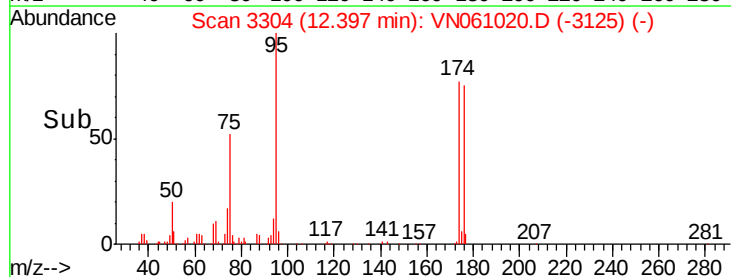
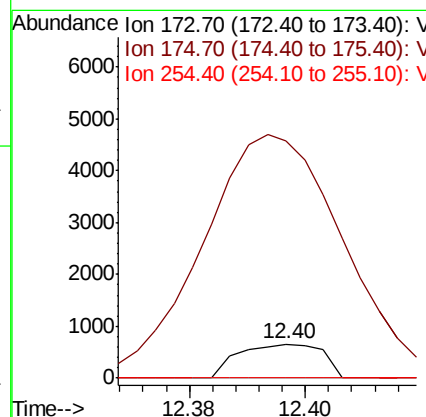
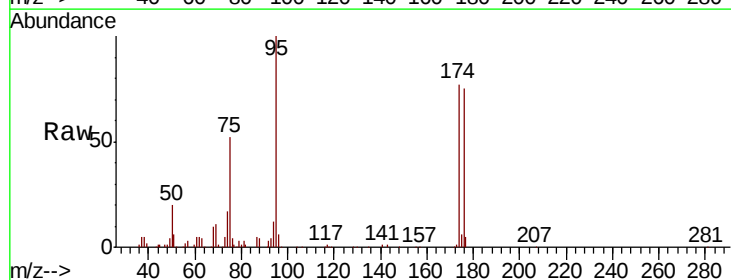
Instrument :
MSVOA_N
ClientSampleId :

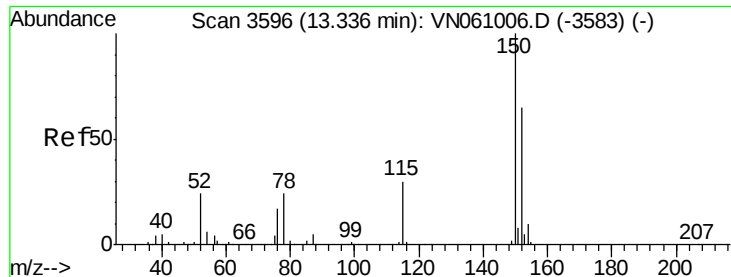
Tot Ion:106 Resp: 855
Ion Ratio Lower Upper
106 100
91 237.4 167.9 251.9



#71
Bromoform
Concen: 0.416 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.28 min
Lab File: VN061020.D
Acq: 16 Apr 2020 18:35

Tgt Ion:173 Resp: 657
Ion Ratio Lower Upper
173 100
175 1067.6 24.5 73.5#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3596

Delta R.T. 0.00 min

Lab File: VN061020.D

Acq: 16 Apr 2020 18:35

Instrument :

MSVOA_N

ClientSampleId :

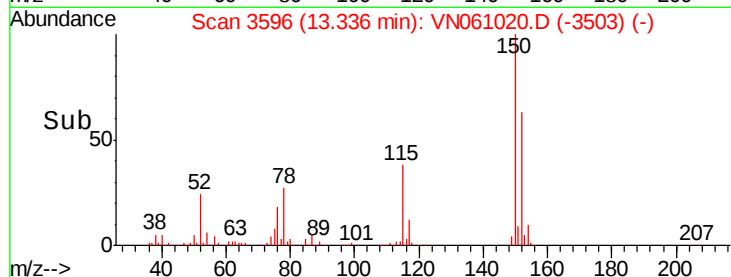
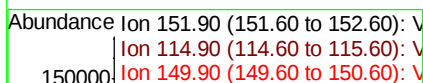
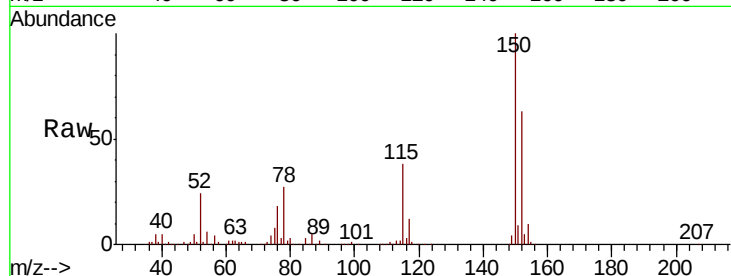
Tot Ion:152 Resp: 126568

Ion Ratio Lower Upper

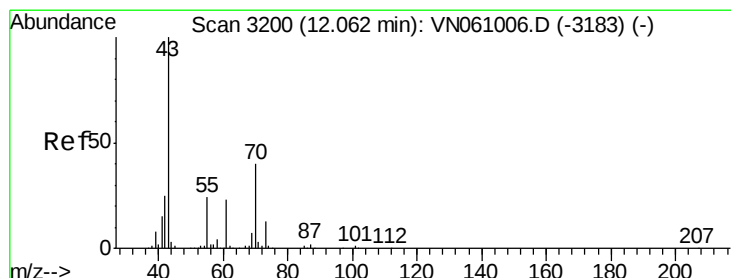
152 100

115 60.5 30.8 92.4

150 156.6 0.0 349.0



Time--> 13.25 13.30 13.35 13.40



#74

N-ethyl acetate

Concen: 0.709 ug/l

RT: 12.02 min Scan# 3187

Delta R.T. -0.04 min

Lab File: VN061020.D

Acq: 16 Apr 2020 18:35

Tgt Ion: 43 Resp: 3342

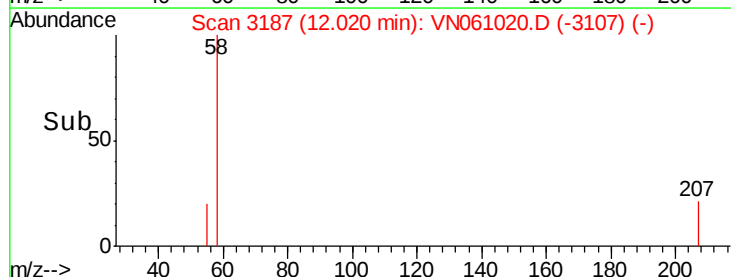
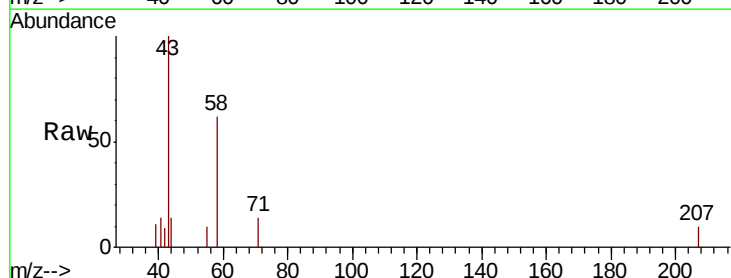
Ion Ratio Lower Upper

43 100

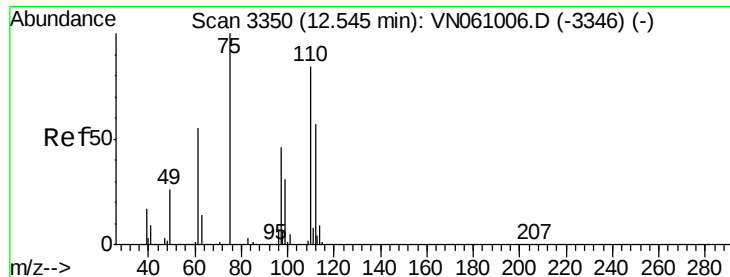
70 0.0 31.0 46.6#

55 2.9 18.6 27.8#

61 0.0 18.2 27.4#



Time--> 11.95 12.00 12.05 12.10



#76

1,2,3-Trichloropropane

Concen: 25.875 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.15 min

Lab File: VN061020.D

Acq: 16 Apr 2020 18:35

Instrument :

MSVOA_N

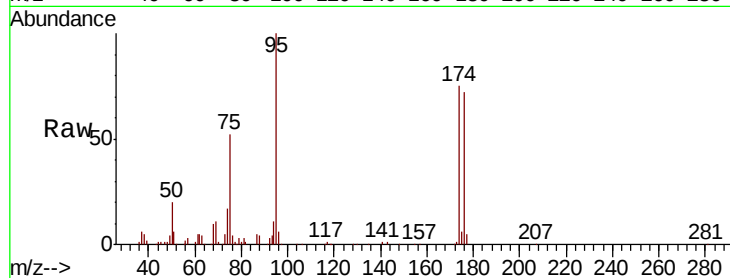
ClientSampled :

Tot Ion: 75 Resp: 72036

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN061020.D (-3257) (-)

Ion 77.00 (76.70 to 77.70): VN061020.D (-3257) (-)

12.39

40000

30000

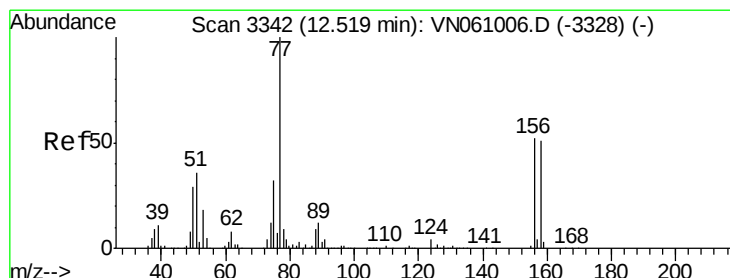
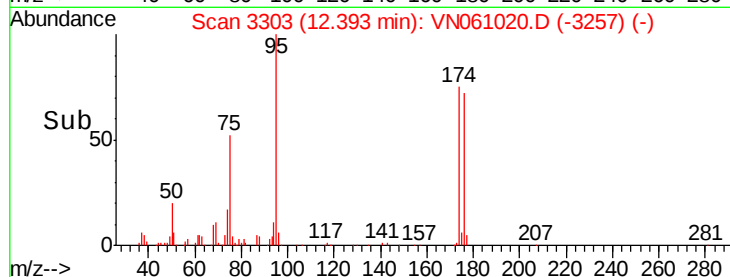
20000

10000

0

Time-->

12.35 12.40 12.45



#77

Bromobenzene

Concen: 0.218 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. 0.00 min

Lab File: VN061020.D

Acq: 16 Apr 2020 18:35

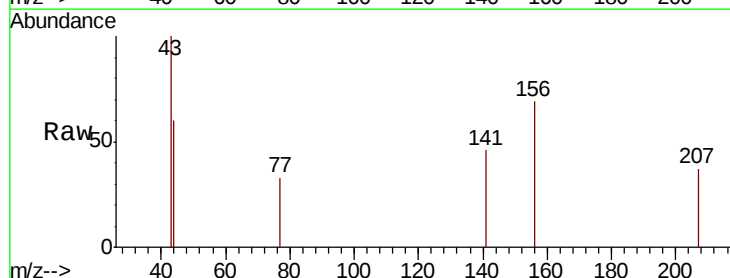
Tgt Ion: 156 Resp: 517

Ion Ratio Lower Upper

156 100

77 18.4 115.6 346.8#

158 0.0 48.9 146.6#



Abundance Ion 155.80 (155.50 to 156.50): VN061020.D (-3249) (-)

Ion 77.00 (76.70 to 77.70): VN061020.D (-3249) (-)

Ion 157.80 (157.50 to 158.50): VN061020.D (-3249) (-)

12.52

400

300

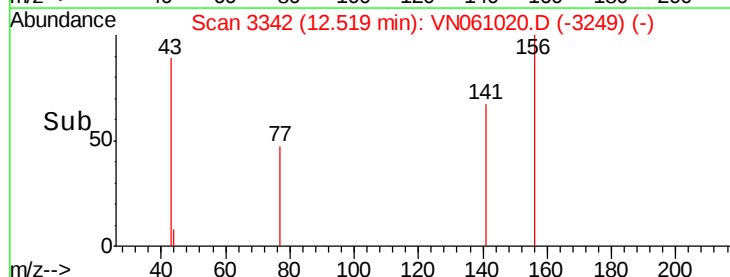
200

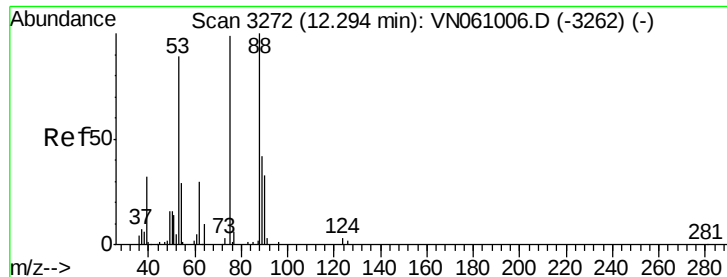
100

0

Time-->

12.50 12.55





#81

trans-1,4-Dichloro-2-butene

Concen: 63.823 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.10 min

Lab File: VN061020.D

Acq: 16 Apr 2020 18:35

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 75 Resp: 72036

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

89 0.0 34.6 52.0#

