

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050820\
 Data File : VN061372.D
 Acq On : 8 May 2020 19:15
 Operator : JC/MD
 Sample : PB128729ZHE#08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 09 00:49:17 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	92631	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	173637	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	173895	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	75073	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	81096	55.33	ug/l	0.00
Spiked Amount			Recovery	=	110.66%	
35) Dibromofluoromethane	7.55	113	46203	45.00	ug/l	0.00
Spiked Amount			Recovery	=	90.00%	
50) Toluene-d8	10.06	98	223392	53.37	ug/l	0.00
Spiked Amount			Recovery	=	106.74%	
62) 4-Bromofluorobenzene	12.38	95	82678	52.49	ug/l	0.00
Spiked Amount			Recovery	=	104.98%	

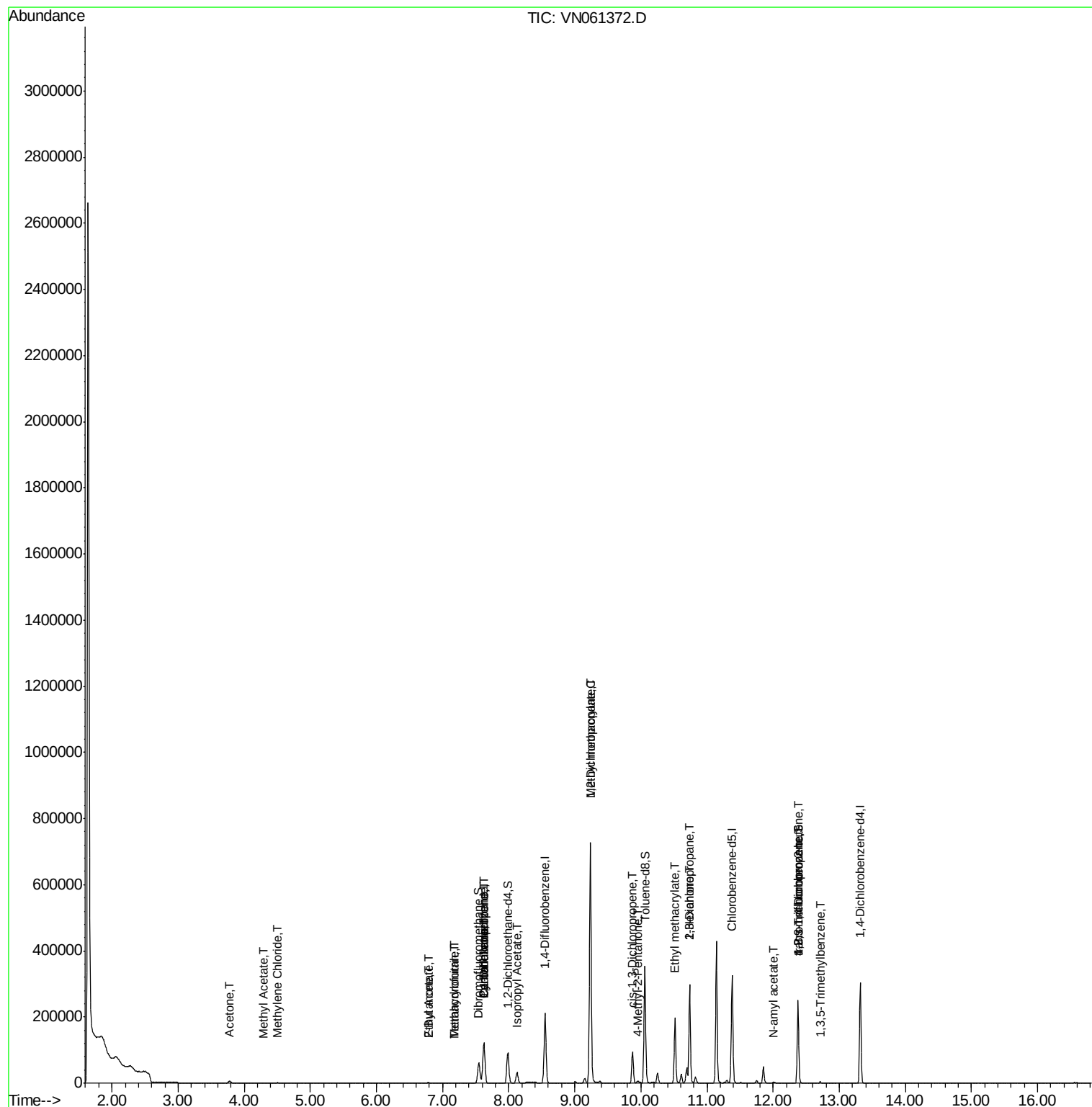
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	10776	13.790	ug/l	97
18) Methyl Acetate	4.29	43	1296	1.370	ug/l #	55
20) Methylene Chloride	4.50	84	825	0.722	ug/l #	81
25) 2-Butanone	6.79	43	2253	2.598	ug/l	99
29) Tetrahydrofuran	7.17	42	382	0.654	ug/l #	37
31) Cyclohexane	7.63	56	2550	1.196	ug/l #	12
36) 1,1-Dichloropropene	7.63	75	8414	4.841	ug/l #	49
37) Ethyl Acetate	6.79	43	2253	1.106	ug/l #	71
38) Carbon Tetrachloride	7.63	117	10173	8.408	ug/l #	18
41) Methacrylonitrile	7.17	41	198	0.234	ug/l #	100
43) Isopropyl Acetate	8.13	43	39332	11.630	ug/l #	90
45) 1,2-Dichloropropane	9.23	63	677	0.489	ug/l #	44
48) Methyl methacrylate	9.24	41	70986	46.516	ug/l #	48
51) 4-Methyl-2-Pentanone	9.95	43	4267	2.144	ug/l	96
54) cis-1,3-Dichloropropene	9.88	75	14675	6.700	ug/l #	62
56) Ethyl methacrylate	10.52	69	612	2.994	ug/l #	1
57) 1,3-Dichloropropane	10.74	76	2771	1.267	ug/l #	43
59) 2-Hexanone	10.74	43	45538	31.444	ug/l #	52
74) N-amyl acetate	12.00	43	1901	0.680	ug/l #	46
76) 1,2,3-Trichloropropane	12.38	75	45690	28.868	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.71	105	2882	0.631	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.38	75	45690	73.309	ug/l #	8

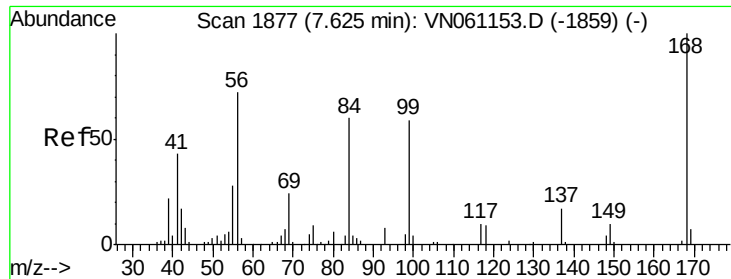
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN050820\
Data File : VN061372.D
Acq On : 8 May 2020 19:15
Operator : JC/MD
Sample : PB128729ZHE#08
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: May 09 00:49:17 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260
QLast Update : Tue May 05 07:01:08 2020
Response via : Initial Calibration

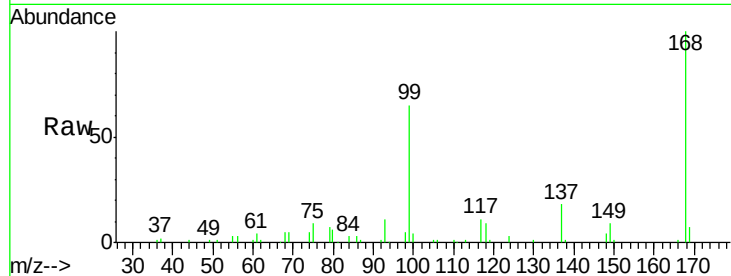




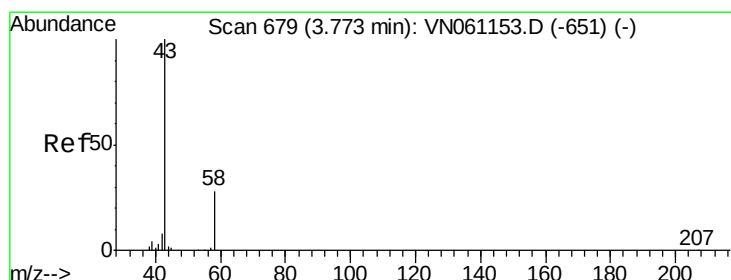
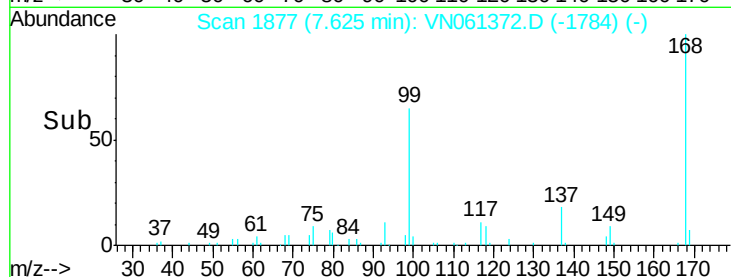
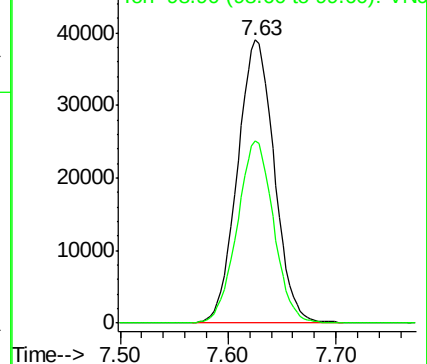
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VN061372.D
Acq: 8 May 2020 19:15

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 92631
Ion Ratio Lower Upper
168 100
99 64.6 51.2 76.8

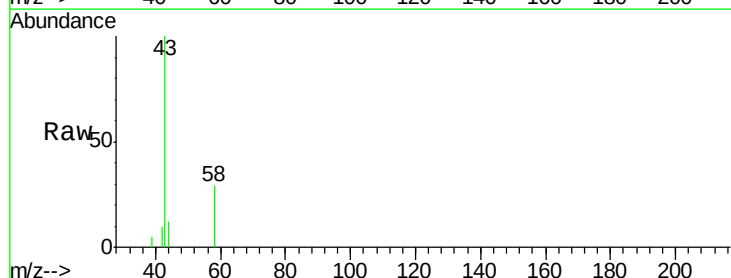


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VN

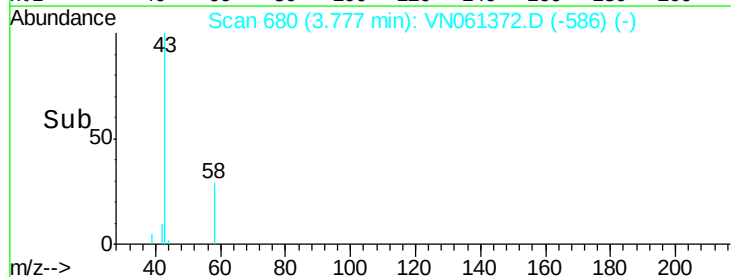
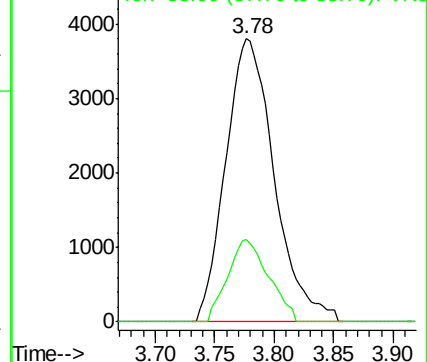


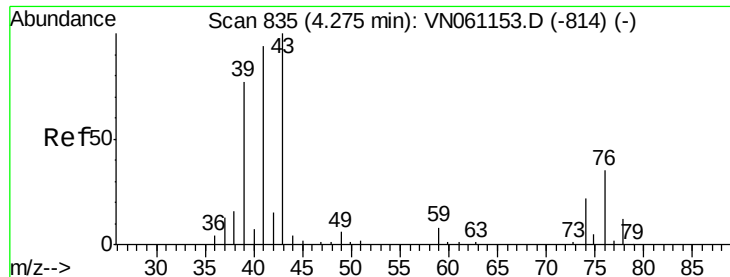
#16
Acetone
Concen: 13.790 ug/l
RT: 3.78 min Scan# 680
Delta R.T. 0.00 min
Lab File: VN061372.D
Acq: 8 May 2020 19:15

Tgt Ion: 43 Resp: 10776
Ion Ratio Lower Upper
43 100
58 29.2 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN
Ion 58.00 (57.70 to 58.70): VN

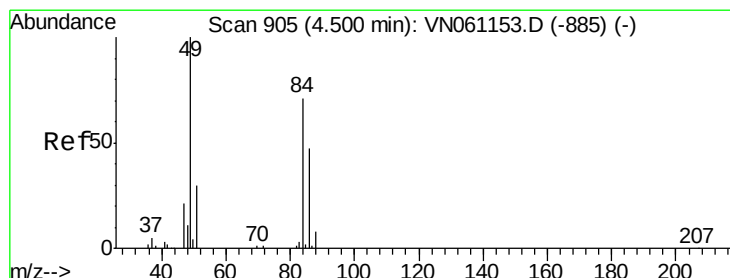
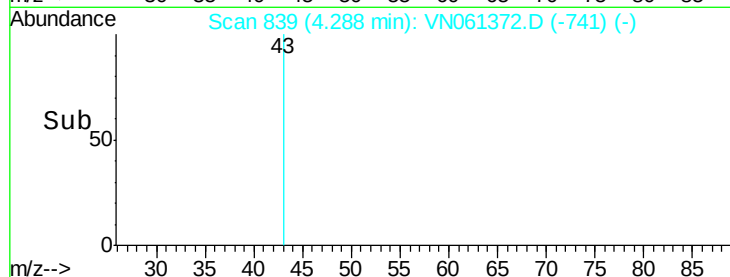
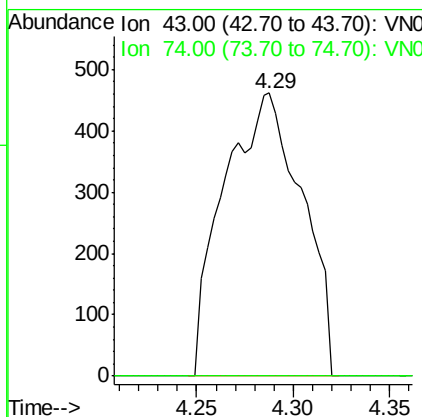
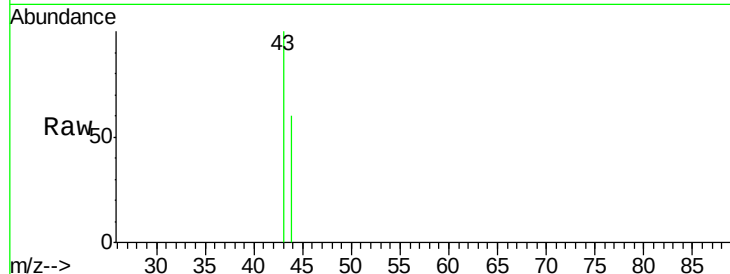




#18
Methvl Acetate
Concen: 1.370 ug/l
RT: 4.29 min Scan# 839
Delta R.T. 0.01 min
Lab File: VN061372.D
Acq: 8 May 2020 19:15

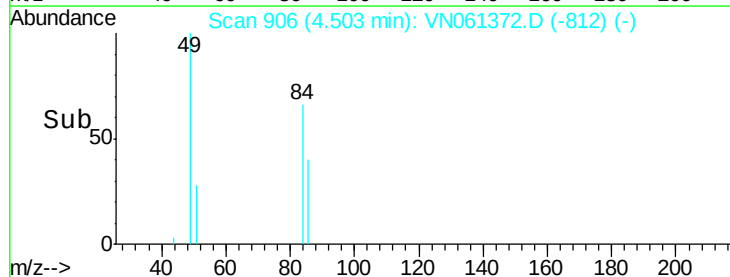
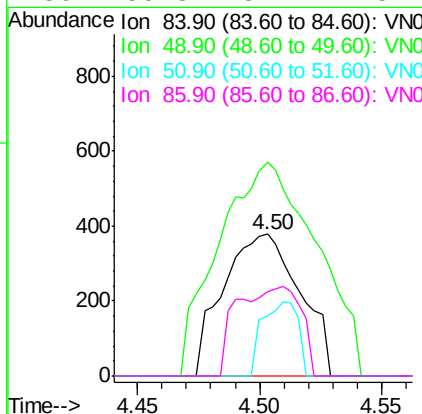
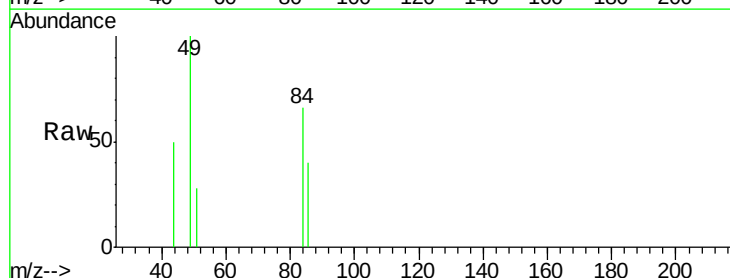
Instrument :
MSVOA_N
ClientSampled :

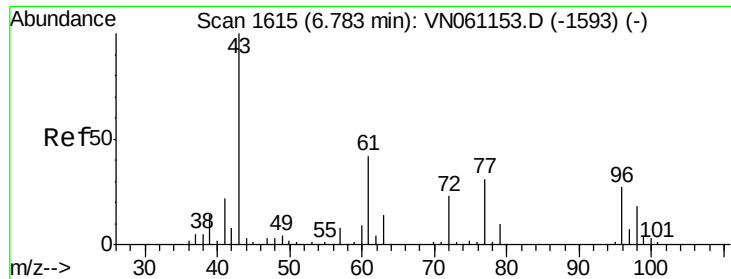
Tot Ion: 43 Resp: 1296
Ion Ratio Lower Upper
43 100
74 0.0 17.0 25.4#



#20
Methylene Chloride
Concen: 0.722 ug/l
RT: 4.50 min Scan# 906
Delta R.T. 0.00 min
Lab File: VN061372.D
Acq: 8 May 2020 19:15

Tgt Ion: 84 Resp: 825
Ion Ratio Lower Upper
84 100
49 103.2 112.0 168.0#
51 42.3 33.6 50.4
86 59.8 52.1 78.1

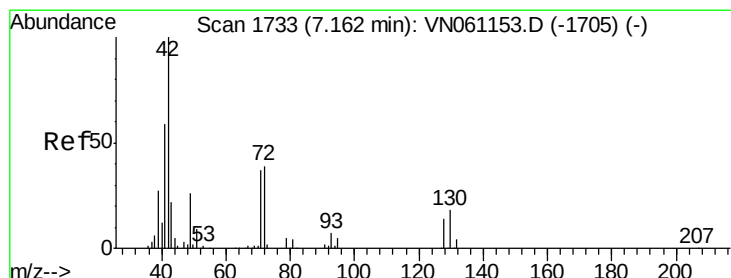
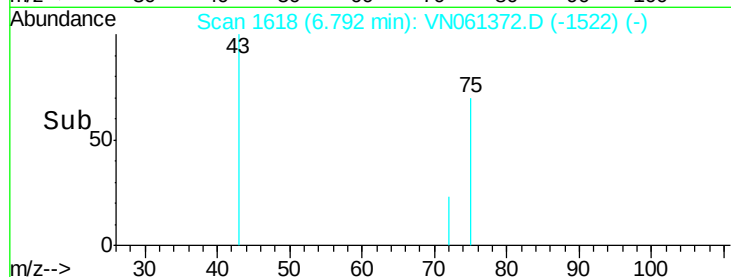
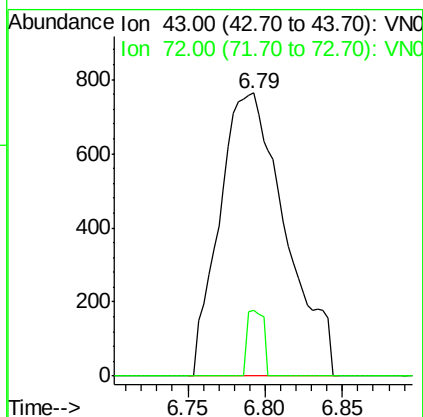
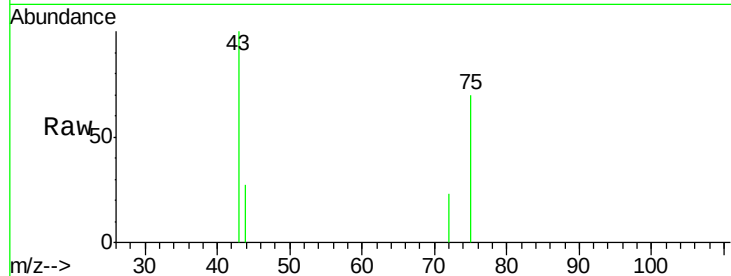




#25
2-Butanone
Concen: 2.598 ug/l
RT: 6.79 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VN061372.D
Acq: 8 May 2020 19:15

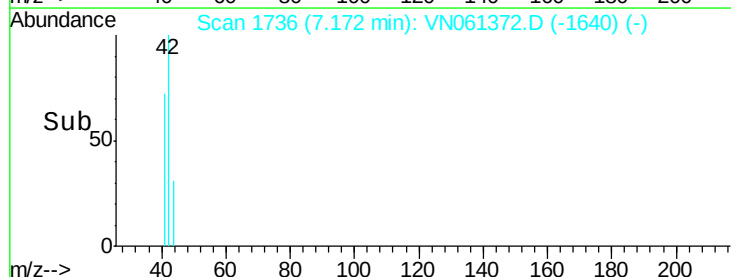
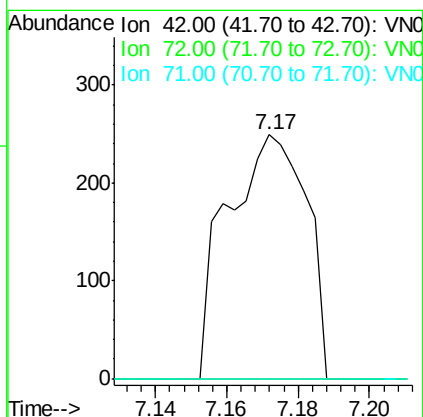
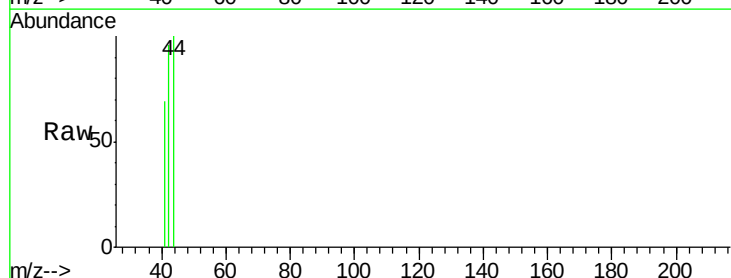
Instrument :
MSVOA_N
ClientSampled :

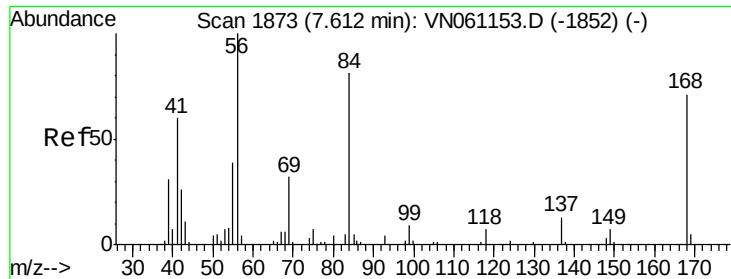
Tot Ion: 43 Resp: 2253
Ion Ratio Lower Upper
43 100
72 23.1 18.2 27.4



#29
Tetrahydrofuran
Concen: 0.654 ug/l
RT: 7.17 min Scan# 1736
Delta R.T. 0.01 min
Lab File: VN061372.D
Acq: 8 May 2020 19:15

Tgt Ion: 42 Resp: 382
Ion Ratio Lower Upper
42 100
72 0.0 31.4 47.0#
71 0.0 29.5 44.3#

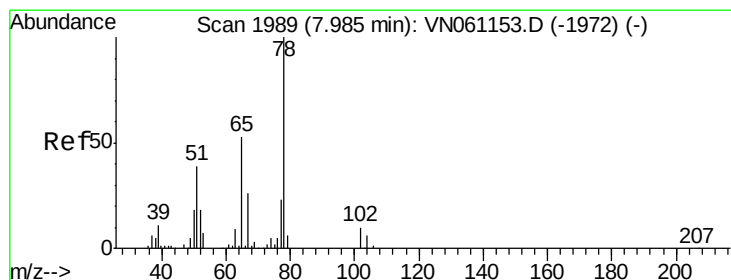
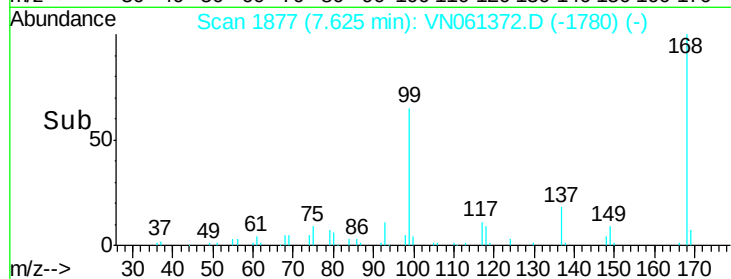
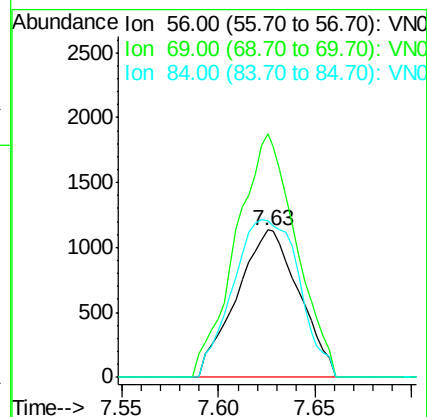
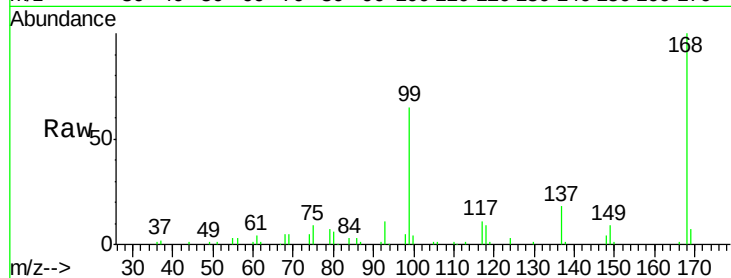




#31
Cyclohexane
Concen: 1.196 ug/l
RT: 7.63 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VN061372.D
Acq: 8 May 2020 19:15

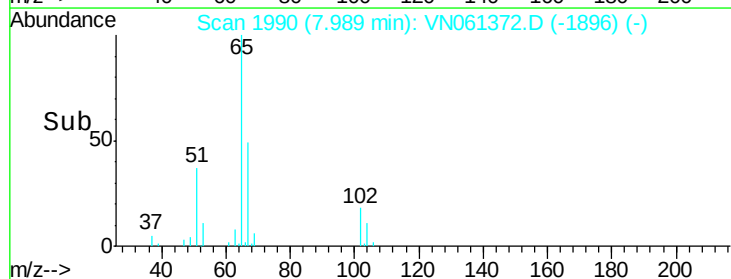
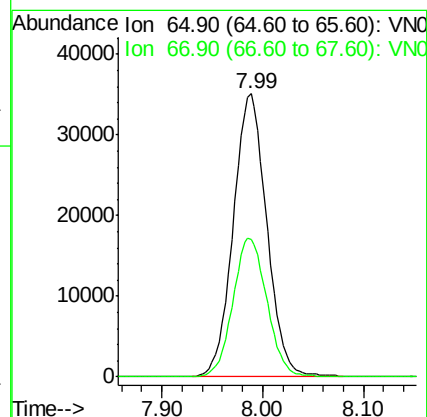
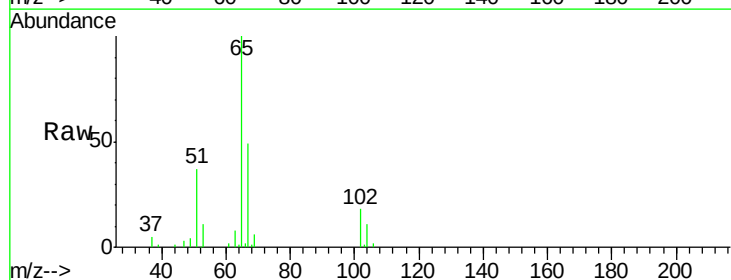
Instrument :
MSVOA_N
ClientSampled :

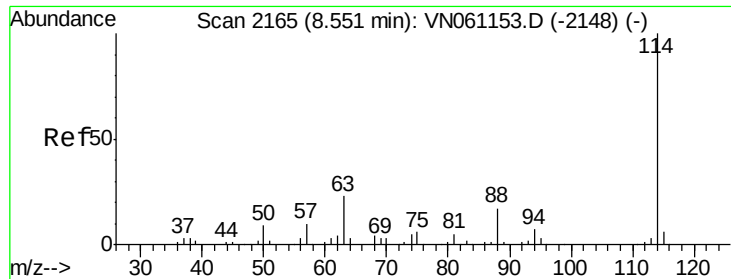
Tot Ion: 56 Resp: 2550
Ion Ratio Lower Upper
56 100
69 165.1 25.7 38.5#
84 106.5 64.6 97.0#



#33
1,2-Dichloroethane-d4
Concen: 55.329 ug/l
RT: 7.99 min Scan# 1990
Delta R.T. 0.00 min
Lab File: VN061372.D
Acq: 8 May 2020 19:15

Tgt Ion: 65 Resp: 81096
Ion Ratio Lower Upper
65 100
67 49.6 0.0 101.6

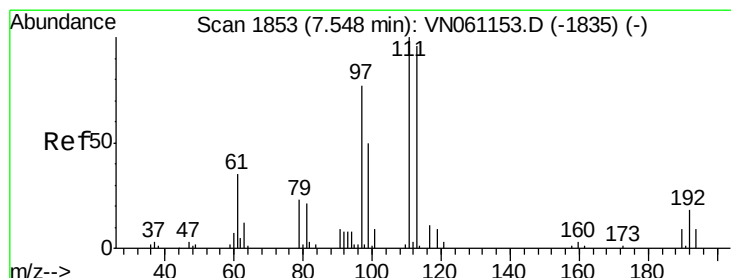
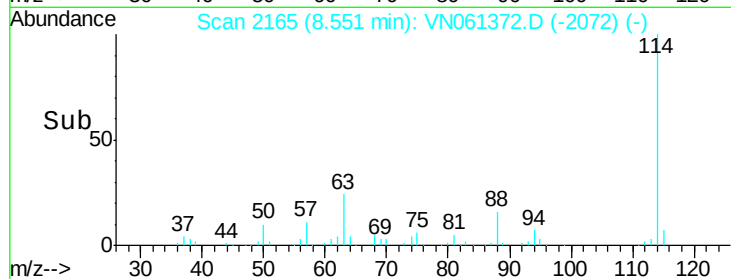
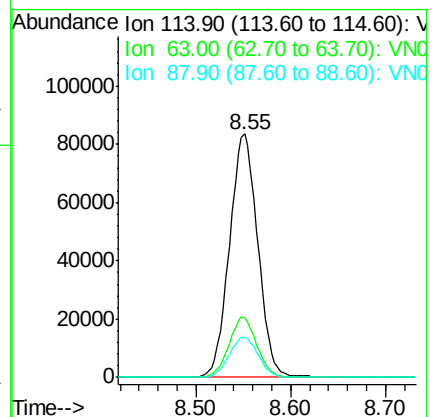
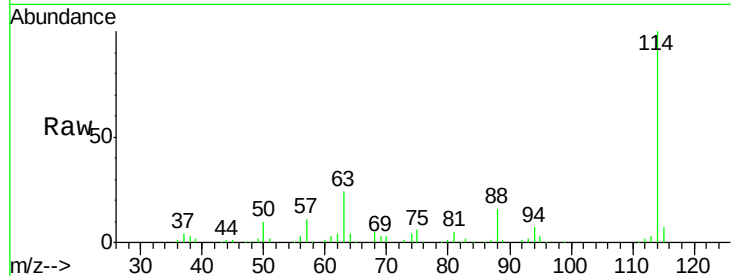




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061372.D
 Acq: 8 May 2020 19:15

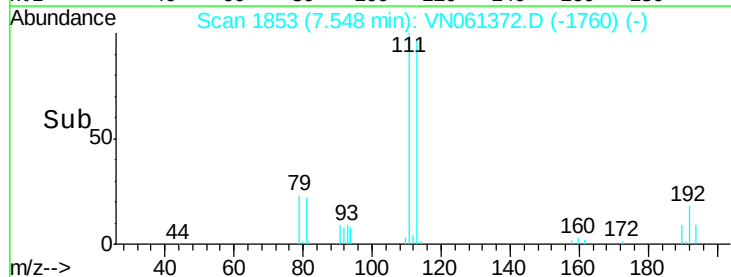
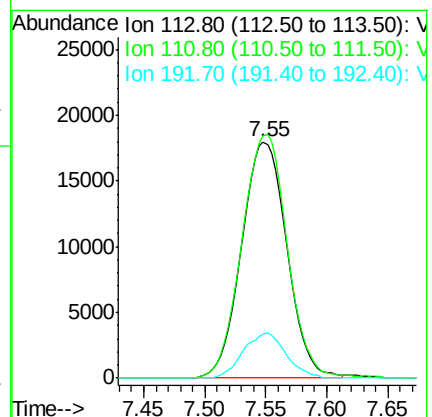
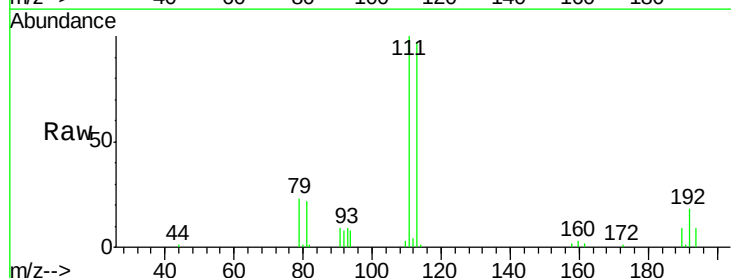
Instrument :
 MSVOA_N
 ClientSampled :

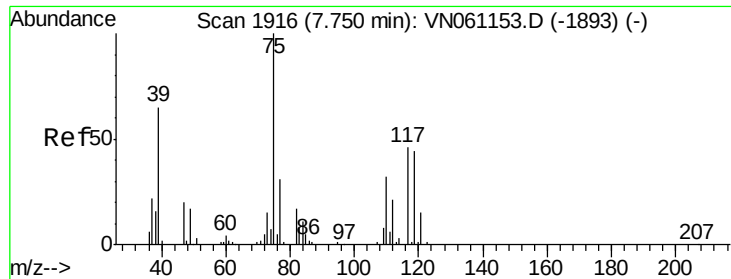
Tot Ion:114 Resp: 173637
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 46.6
 88 16.5 0.0 33.4



#35
 Dibromofluoromethane
 Concen: 44.999 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061372.D
 Acq: 8 May 2020 19:15

Tgt Ion:113 Resp: 46203
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.9 124.3
 192 18.0 14.7 22.1

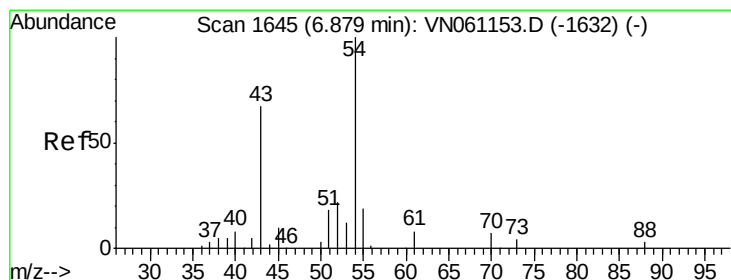
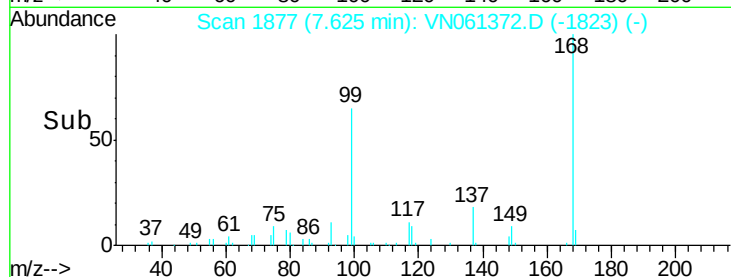
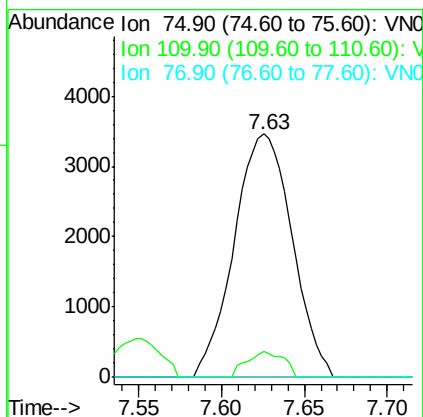
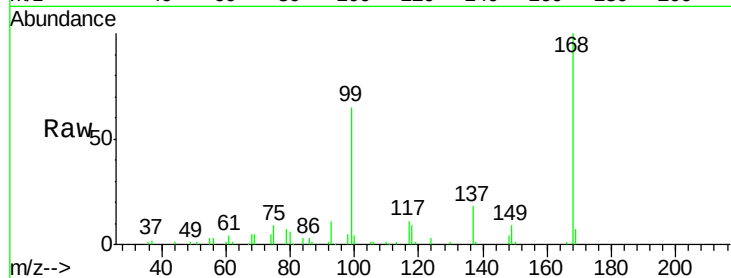




#36
 1,1-Dichloropropene
 Concen: 4.841 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. -0.13 min
 Lab File: VN061372.D
 Acq: 8 May 2020 19:15

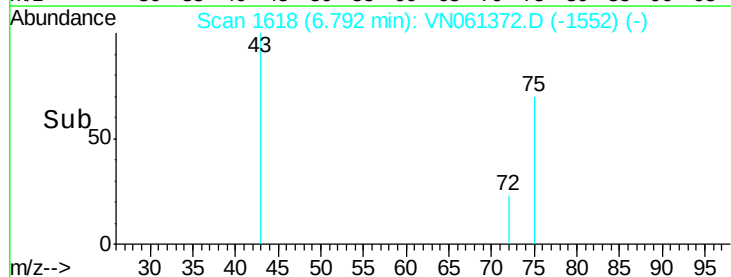
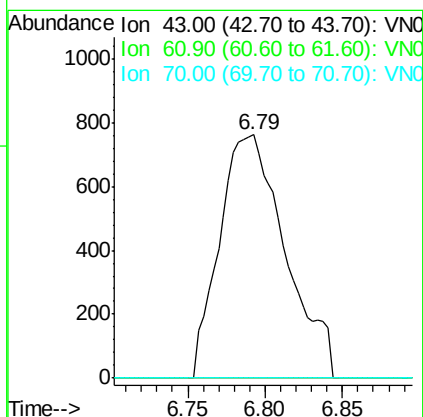
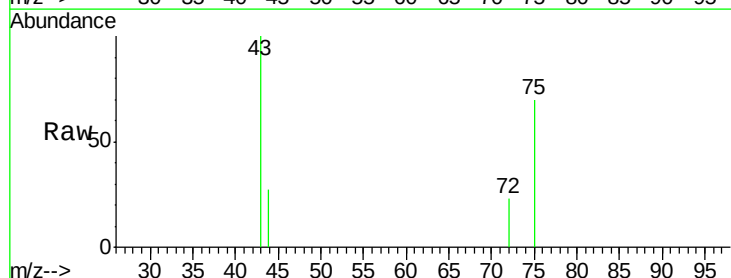
Instrument :
 MSVOA_N
 ClientSampleId :

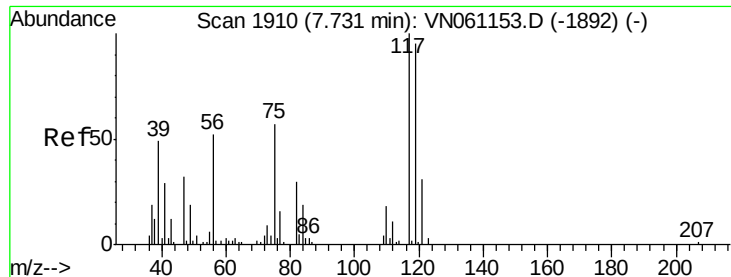
Tot Ion: 75 Resp: 8414
 Ion Ratio Lower Upper
 75 100
 110 6.8 16.0 48.0#
 77 0.0 24.6 37.0#



#37
 Ethyl Acetate
 Concen: 1.106 ug/l
 RT: 6.79 min Scan# 1618
 Delta R.T. -0.09 min
 Lab File: VN061372.D
 Acq: 8 May 2020 19:15

Tgt Ion: 43 Resp: 2253
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.2 15.2#
 70 0.0 7.2 10.8#





#38

Carbon Tetrachloride

Concen: 8.408 ug/l

RT: 7.63 min Scan# 1878

Delta R.T. -0.10 min

Lab File: VN061372.D

Acq: 8 May 2020 19:15

Instrument :

MSVOA_N

ClientSampled :

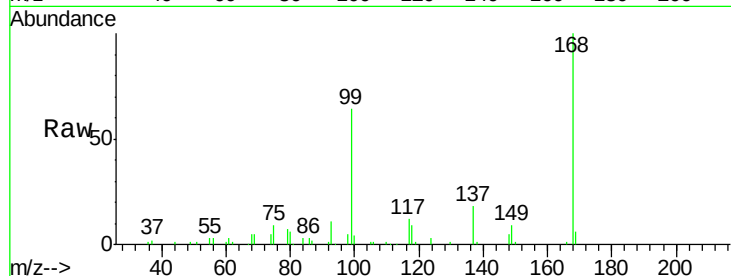
Tot Ion:117 Resp: 10173

Ion Ratio Lower Upper

117 100

119 6.4 75.8 113.6#

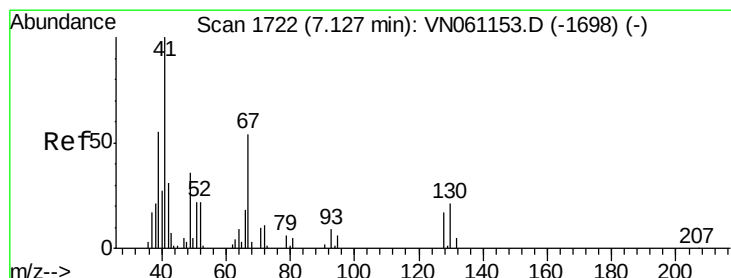
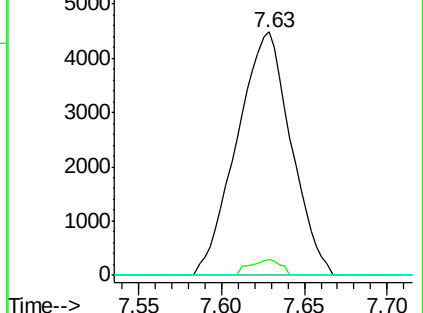
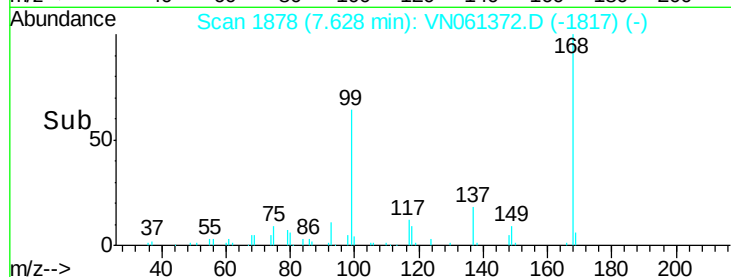
121 0.0 24.7 37.1#



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



#41

Methacrylonitrile

Concen: 0.234 ug/l

RT: 7.17 min Scan# 1735

Delta R.T. 0.04 min

Lab File: VN061372.D

Acq: 8 May 2020 19:15

Tgt Ion: 41 Resp: 198

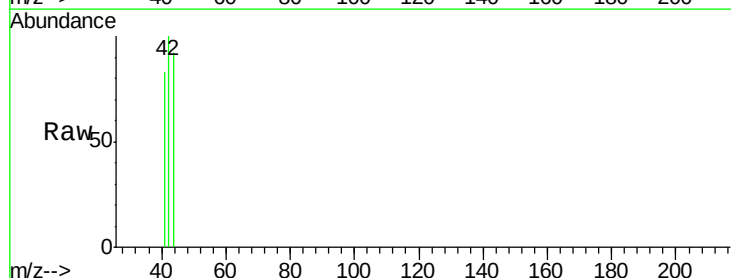
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0

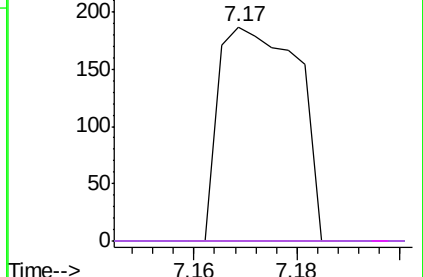
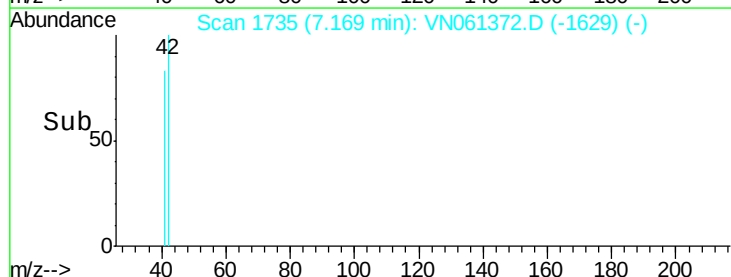


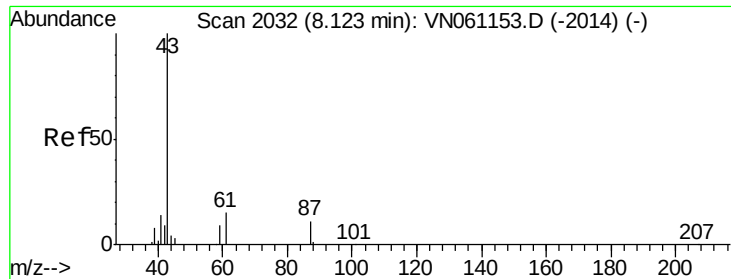
Abundance Ion 41.00 (40.70 to 41.70): V

Ion 39.00 (38.70 to 39.70): V

Ion 67.00 (66.70 to 67.70): V

Ion 52.00 (51.70 to 52.70): V





#43

Isopropyl Acetate

Concen: 11.630 ug/l

RT: 8.13 min Scan# 2033

Delta R.T. 0.00 min

Lab File: VN061372.D

Acq: 8 May 2020 19:15

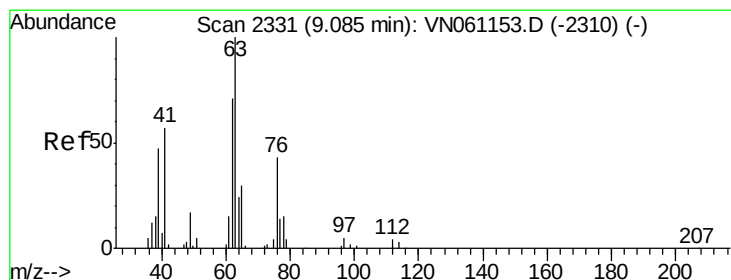
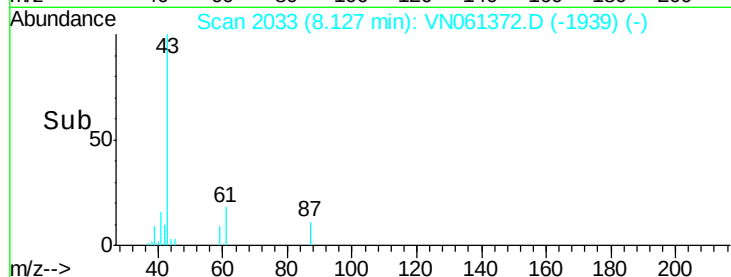
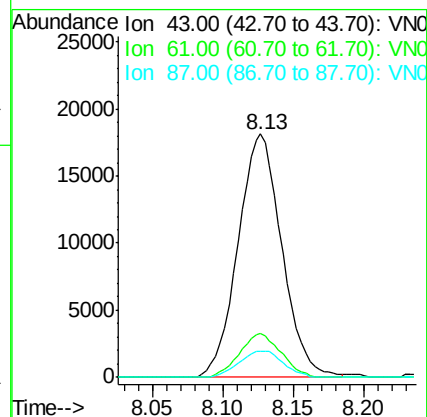
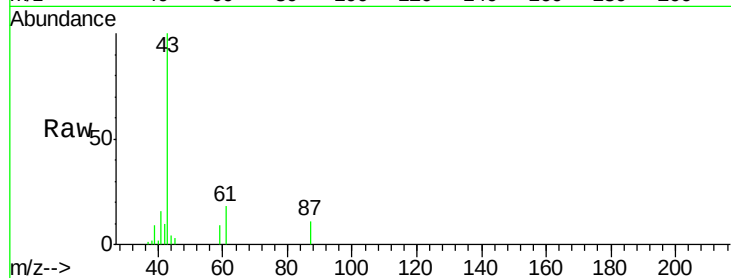
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 39332

Ion	Ratio	Lower	Upper
43	100		
61	17.1	19.5	29.3#
87	10.9	8.9	13.3



#45

1,2-Dichloropropane

Concen: 0.489 ug/l

RT: 9.23 min Scan# 2377

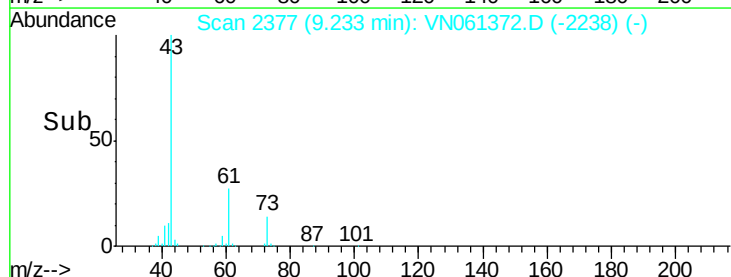
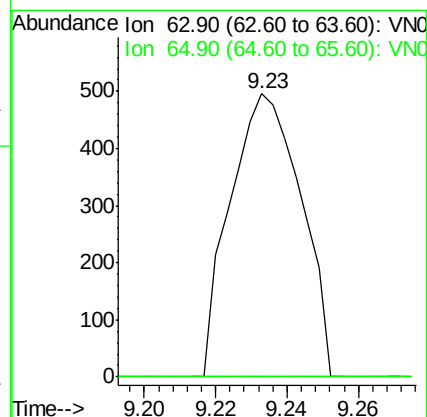
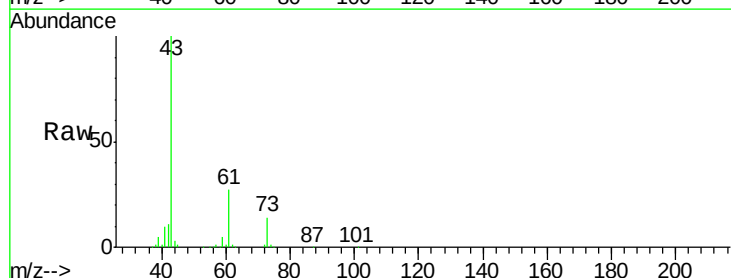
Delta R.T. 0.15 min

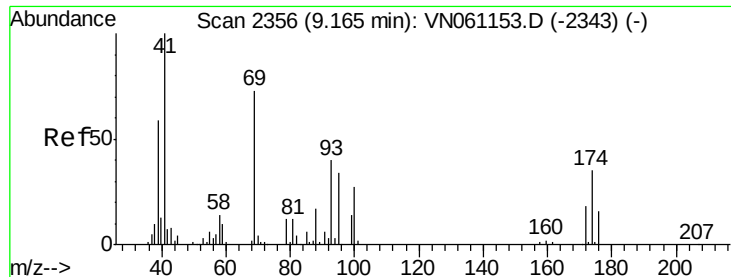
Lab File: VN061372.D

Acq: 8 May 2020 19:15

Tgt Ion: 63 Resp: 677

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.7	37.1#

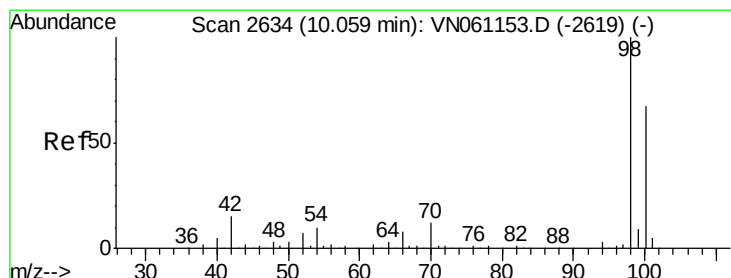
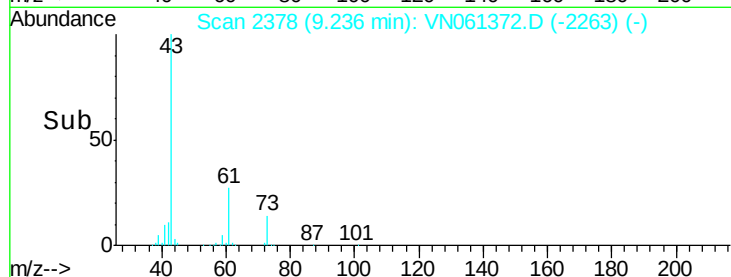
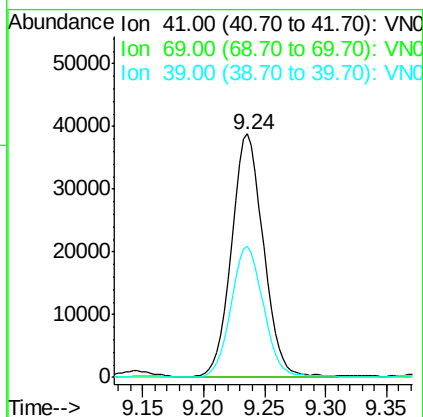
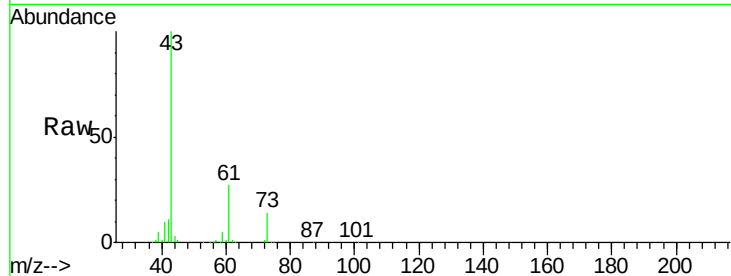




#48
Methvl methacrylate
Concen: 46.516 ug/l
RT: 9.24 min Scan# 2378
Delta R.T. 0.07 min
Lab File: VN061372.D
Acq: 8 May 2020 19:15

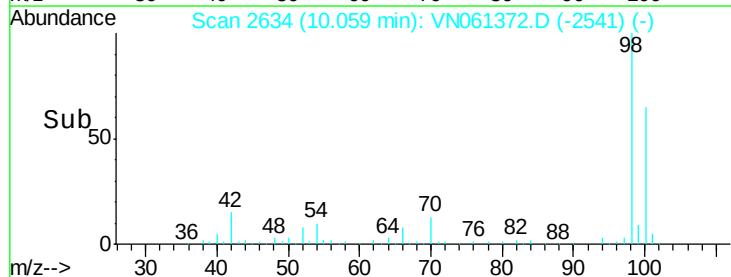
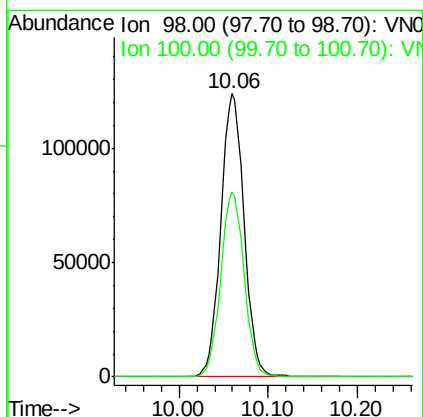
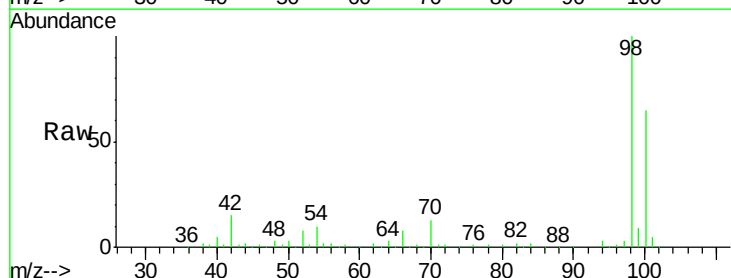
Instrument :
MSVOA_N
ClientSampled :

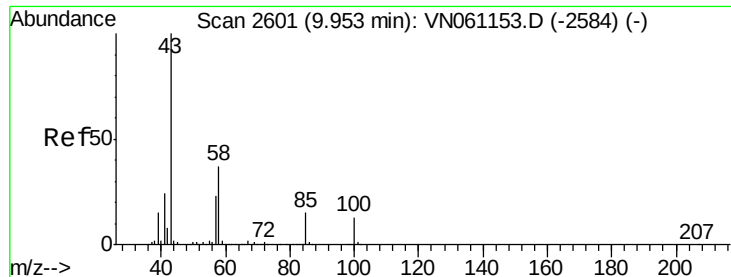
Tot Ion: 41 Resp: 70986
Ion Ratio Lower Upper
41 100
69 0.0 60.3 90.5#
39 54.7 47.4 71.0



#50
Toluene-d8
Concen: 53.372 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061372.D
Acq: 8 May 2020 19:15

Tgt Ion: 98 Resp: 223392
Ion Ratio Lower Upper
98 100
100 65.5 53.4 80.0

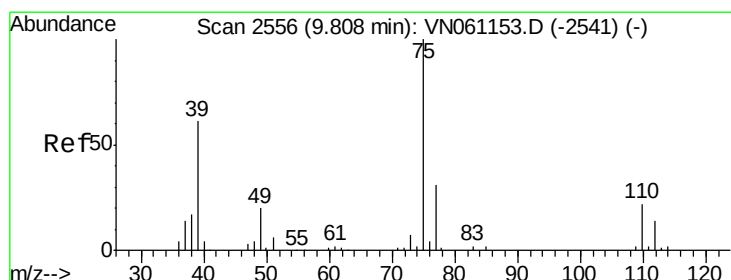
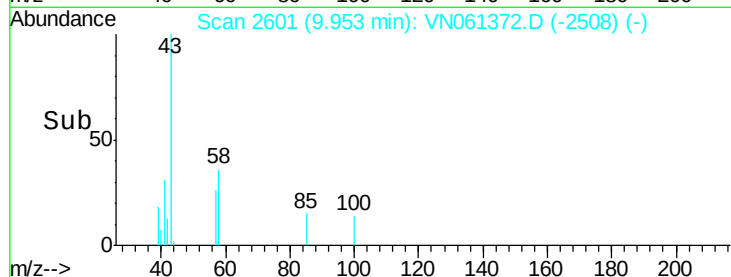
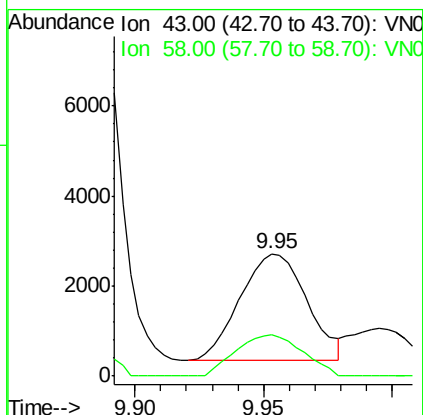
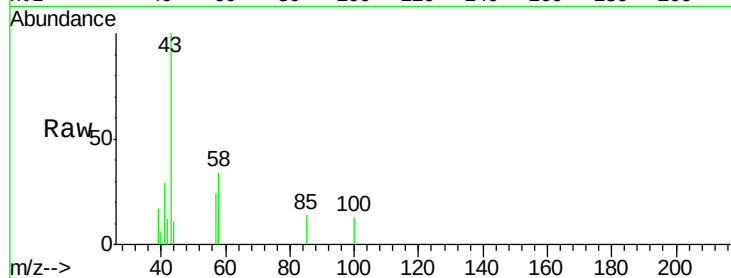




#51
4-Methyl-2-Pentanone
Concen: 2.144 ug/l
RT: 9.95 min Scan# 2601
Delta R.T. 0.00 min
Lab File: VN061372.D
Acq: 8 May 2020 19:15

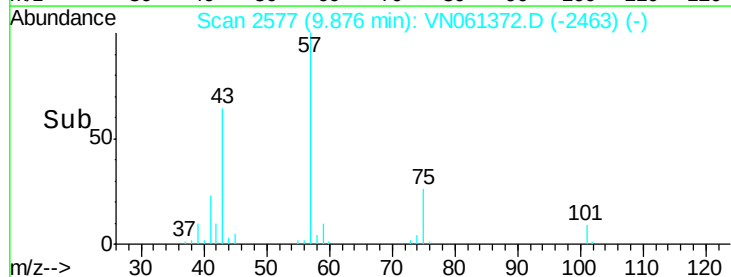
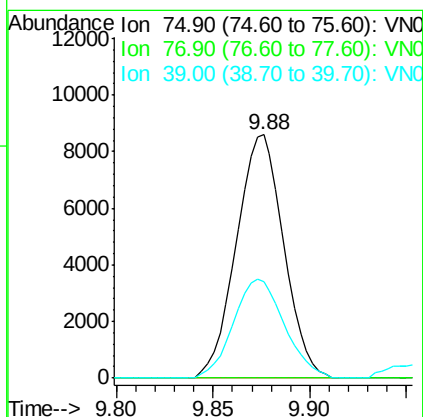
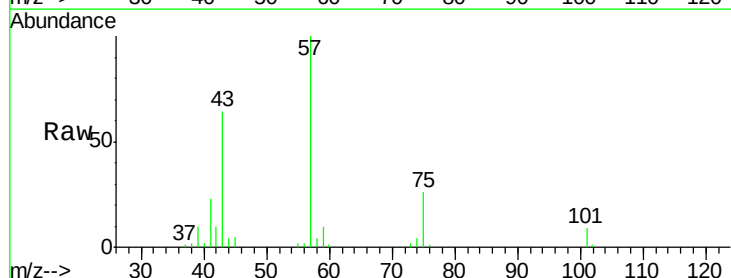
Instrument :
MSVOA_N
ClientSampled :

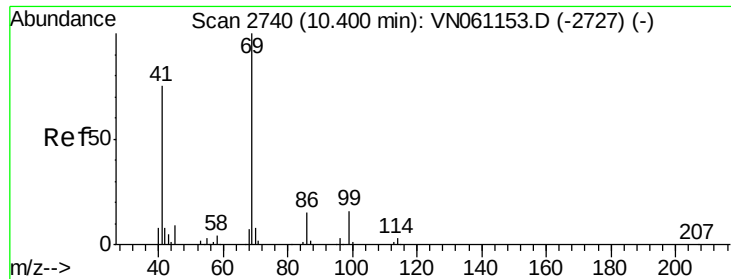
Tot Ion: 43 Resp: 4267
Ion Ratio Lower Upper
43 100
58 39.0 29.1 43.7



#54
cis-1,3-Dichloropropene
Concen: 6.700 ug/l
RT: 9.88 min Scan# 2577
Delta R.T. 0.07 min
Lab File: VN061372.D
Acq: 8 May 2020 19:15

Tgt Ion: 75 Resp: 14675
Ion Ratio Lower Upper
75 100
77 0.0 25.0 37.4#
39 39.5 48.7 73.1#





#56

Ethyl methacrylate

Concen: 2.994 ug/l

RT: 10.52 min Scan# 2776

Delta R.T. 0.12 min

Lab File: VN061372.D

Acq: 8 May 2020 19:15

Instrument :

MSVOA_N

ClientSampled :

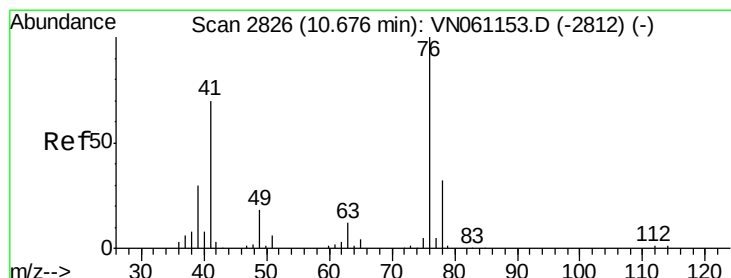
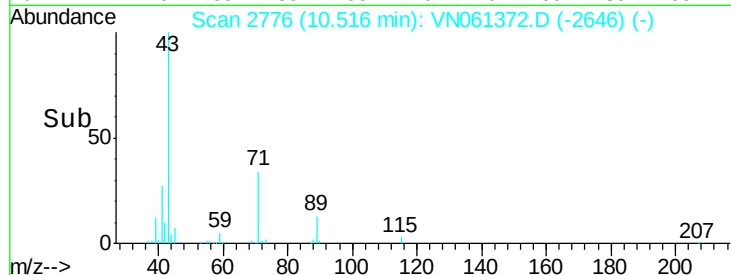
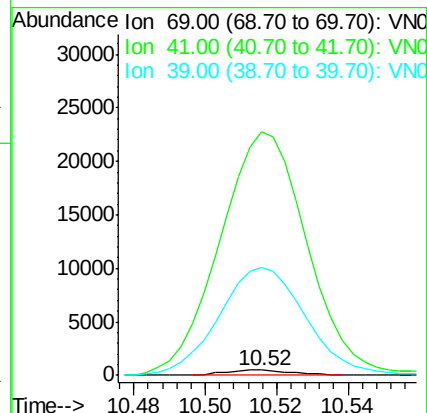
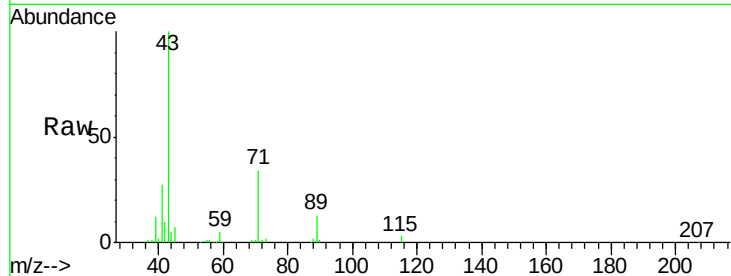
Tot Ion: 69 Resp: 612

Ion Ratio Lower Upper

69 100

41 6335.0 60.3 90.5#

39 2790.4 35.9 53.9#



#57

1,3-Dichloropropane

Concen: 1.267 ug/l

RT: 10.74 min Scan# 2845

Delta R.T. 0.06 min

Lab File: VN061372.D

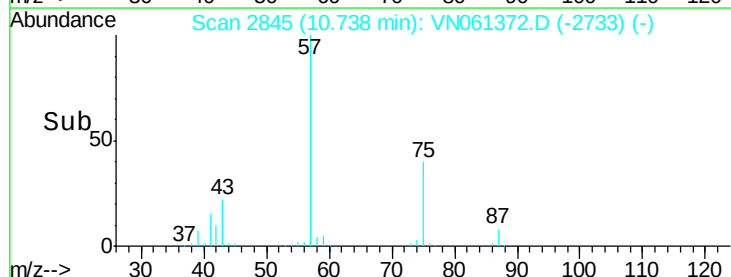
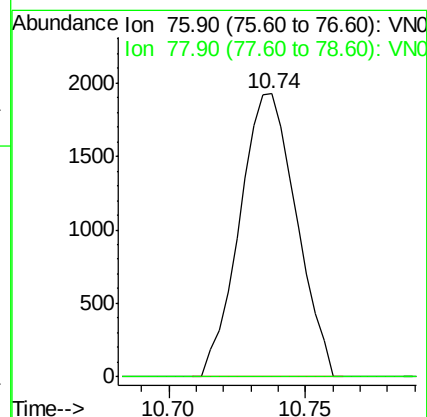
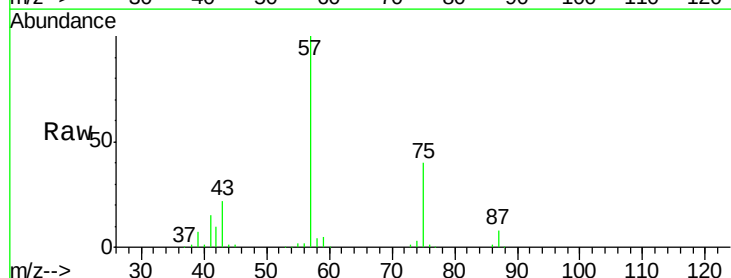
Acq: 8 May 2020 19:15

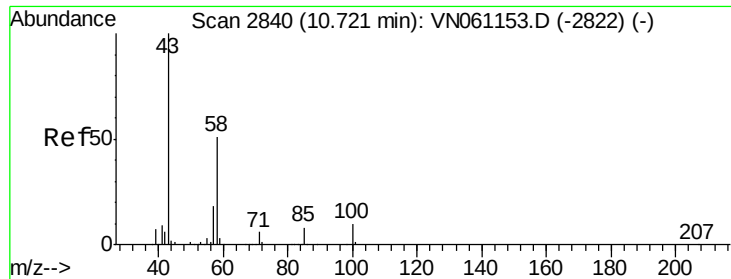
Tgt Ion: 76 Resp: 2771

Ion Ratio Lower Upper

76 100

78 0.0 25.5 38.3#

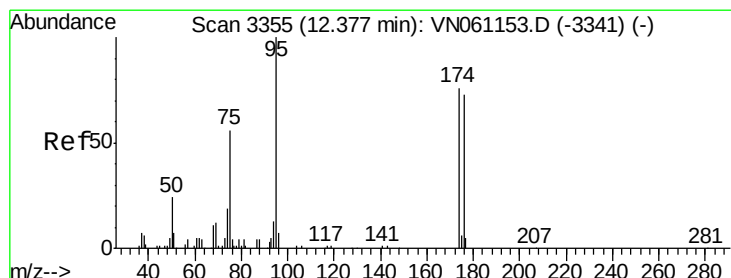
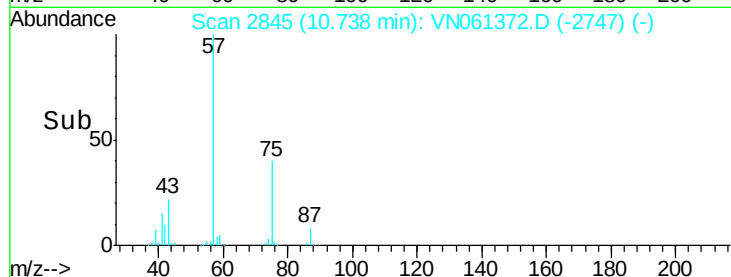
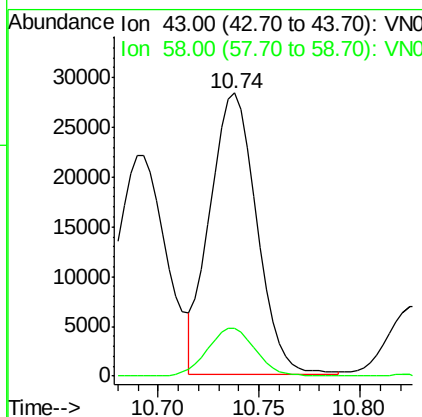
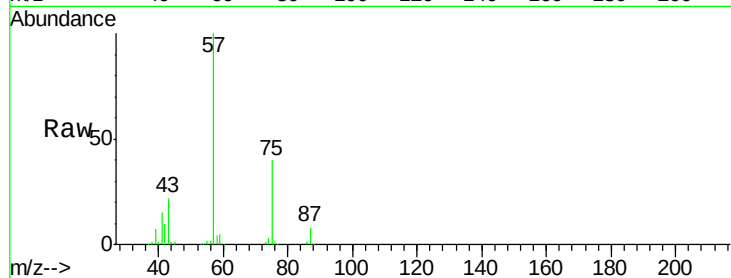




#59
2-Hexanone
Concen: 31.444 ug/l
RT: 10.74 min Scan# 2845
Delta R.T. 0.02 min
Lab File: VN061372.D
Acq: 8 May 2020 19:15

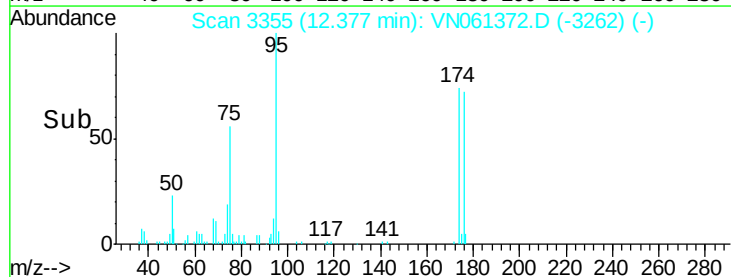
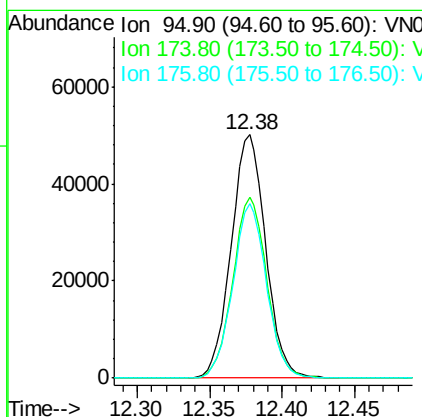
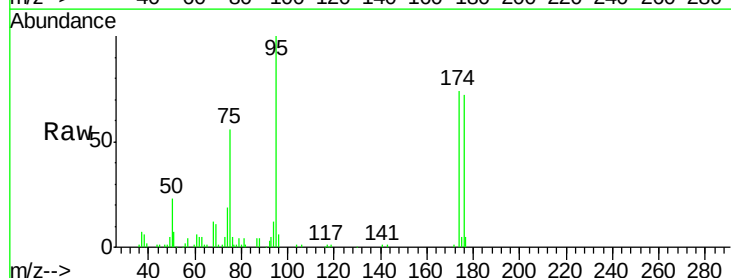
Instrument :
MSVOA_N
ClientSampled :

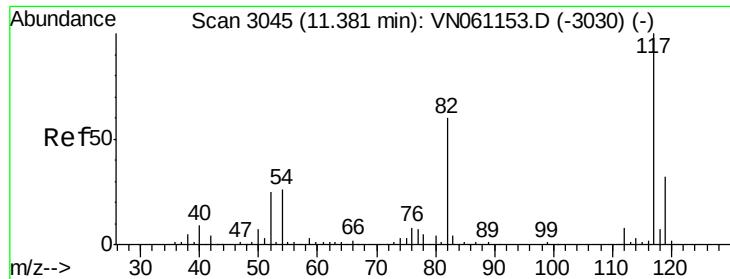
Tot Ion: 43 Resp: 45538
Ion Ratio Lower Upper
43 100
58 17.4 25.4 76.4#



#62
4-Bromofluorobenzene
Concen: 52.490 ug/l
RT: 12.38 min Scan# 3355
Delta R.T. 0.00 min
Lab File: VN061372.D
Acq: 8 May 2020 19:15

Tgt Ion: 95 Resp: 82678
Ion Ratio Lower Upper
95 100
174 73.4 0.0 149.4
176 70.0 0.0 144.8

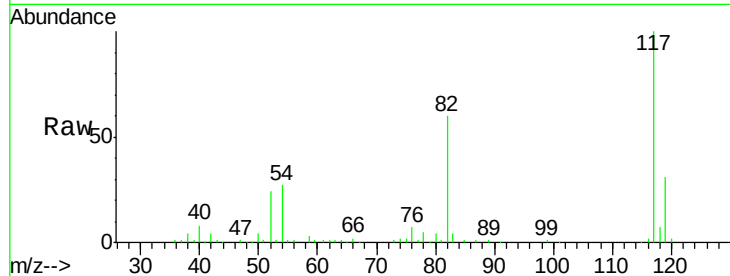




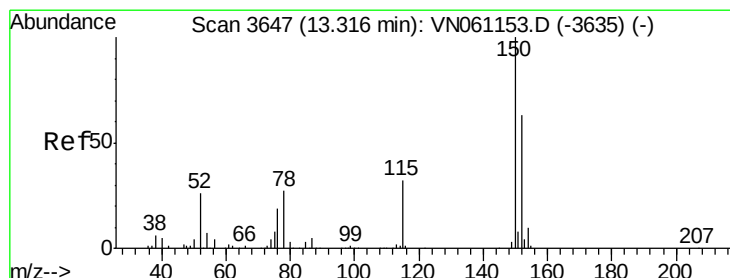
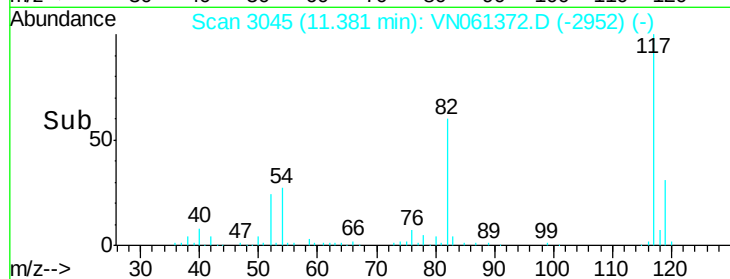
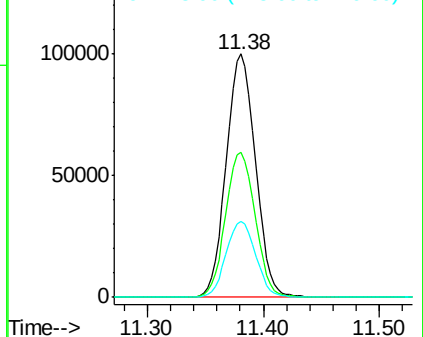
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061372.D
Acq: 8 May 2020 19:15

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 173895
Ion Ratio Lower Upper
117 100
82 59.7 47.8 71.8
119 31.3 25.8 38.6

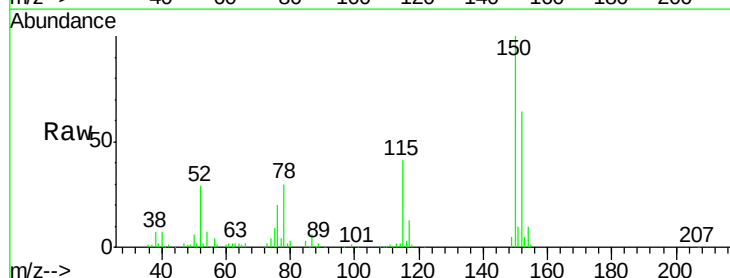


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

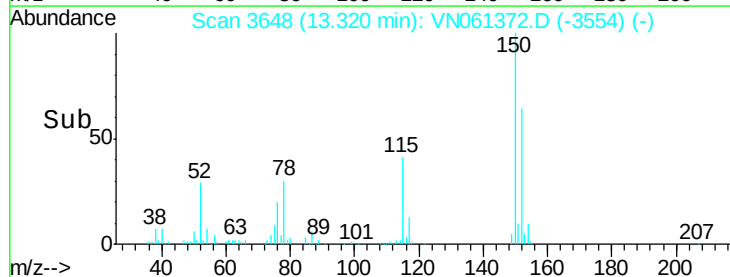
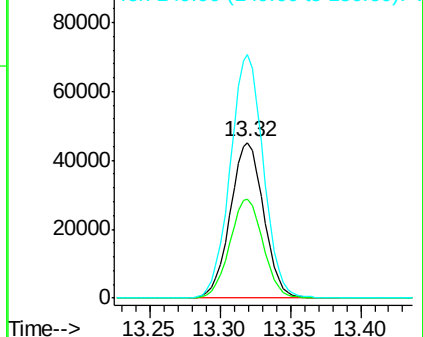


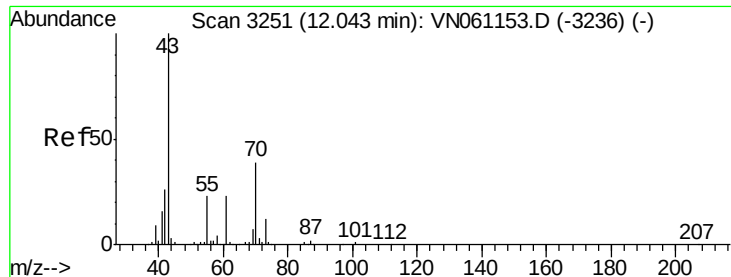
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3648
Delta R.T. 0.00 min
Lab File: VN061372.D
Acq: 8 May 2020 19:15

Tgt Ion:152 Resp: 75073
Ion Ratio Lower Upper
152 100
115 63.4 31.0 93.0
150 155.0 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





#74

N-amvl acetate

Concen: 0.680 ug/l

RT: 12.00 min Scan# 3239

Delta R.T. -0.04 min

Lab File: VN061372.D

Acq: 8 May 2020 19:15

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 1901

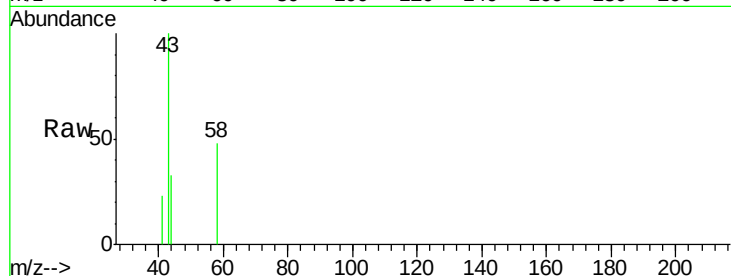
Ion Ratio Lower Upper

43 100

70 0.0 30.6 46.0#

55 0.0 18.5 27.7#

61 0.0 17.9 26.9#

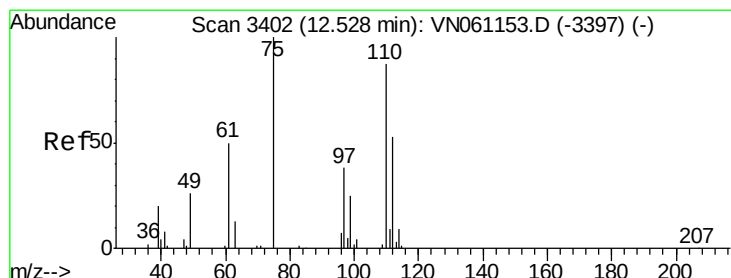
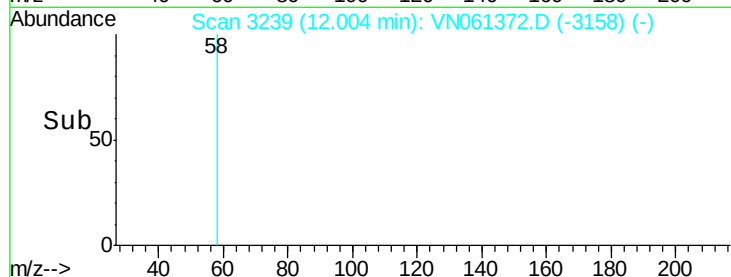
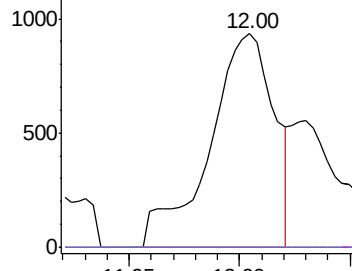


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 28.868 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. -0.15 min

Lab File: VN061372.D

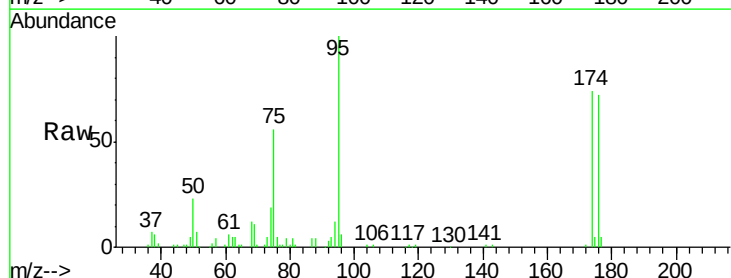
Acq: 8 May 2020 19:15

Tgt Ion: 75 Resp: 45690

Ion Ratio Lower Upper

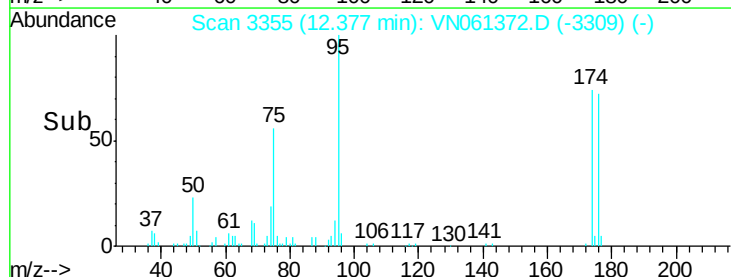
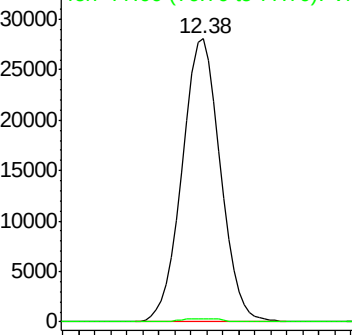
75 100

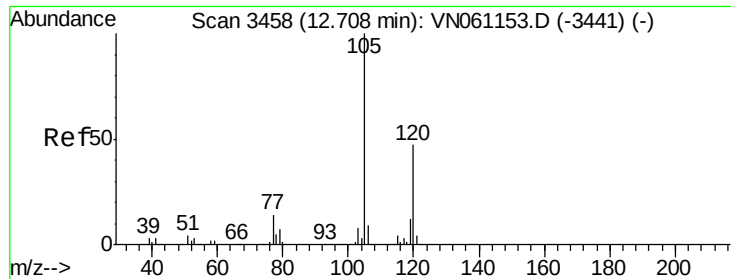
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

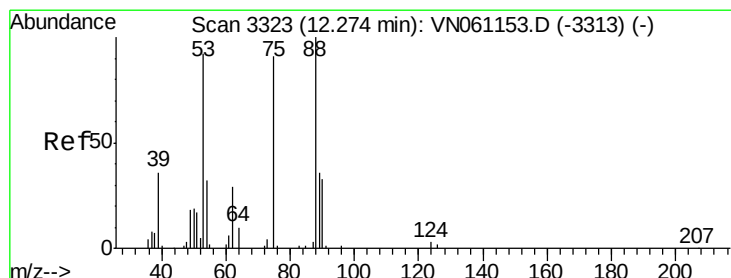
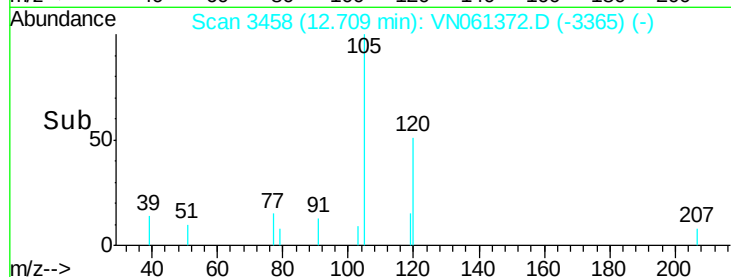
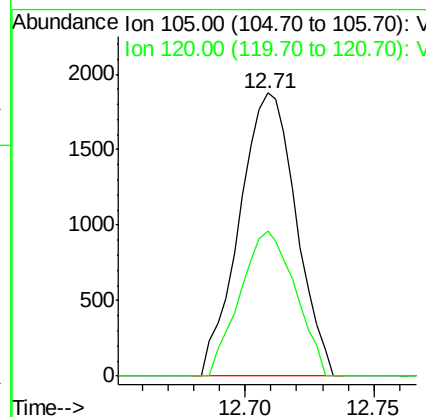
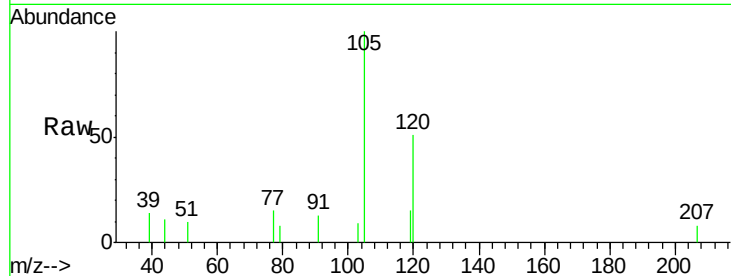




#80
 1,3,5-Trimethylbenzene
 Concen: 0.631 ug/l
 RT: 12.71 min Scan# 3458
 Delta R.T. 0.00 min
 Lab File: VN061372.D
 Acq: 8 May 2020 19:15

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:105 Resp: 2882
 Ion Ratio Lower Upper
 105 100
 120 49.7 23.9 71.7



#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.309 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. 0.10 min
 Lab File: VN061372.D
 Acq: 8 May 2020 19:15

Tgt Ion: 75 Resp: 45690
 Ion Ratio Lower Upper
 75 100
 53 0.0 84.1 126.1#
 89 0.0 35.2 52.8#

