

Data File : VN061195.D
Acq On : 29 Apr 2020 16:33
Operator : JC/MD
Sample : L2451-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-1

Quant Time: Apr 30 03:05:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 29 08:14:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	89088	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	160222	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	156524	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	70280	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	73408	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	
35) Dibromofluoromethane	7.55	113	50593	53.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.80%	
50) Toluene-d8	10.06	98	200676	51.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.92%	
62) 4-Bromofluorobenzene	12.38	95	74964	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	

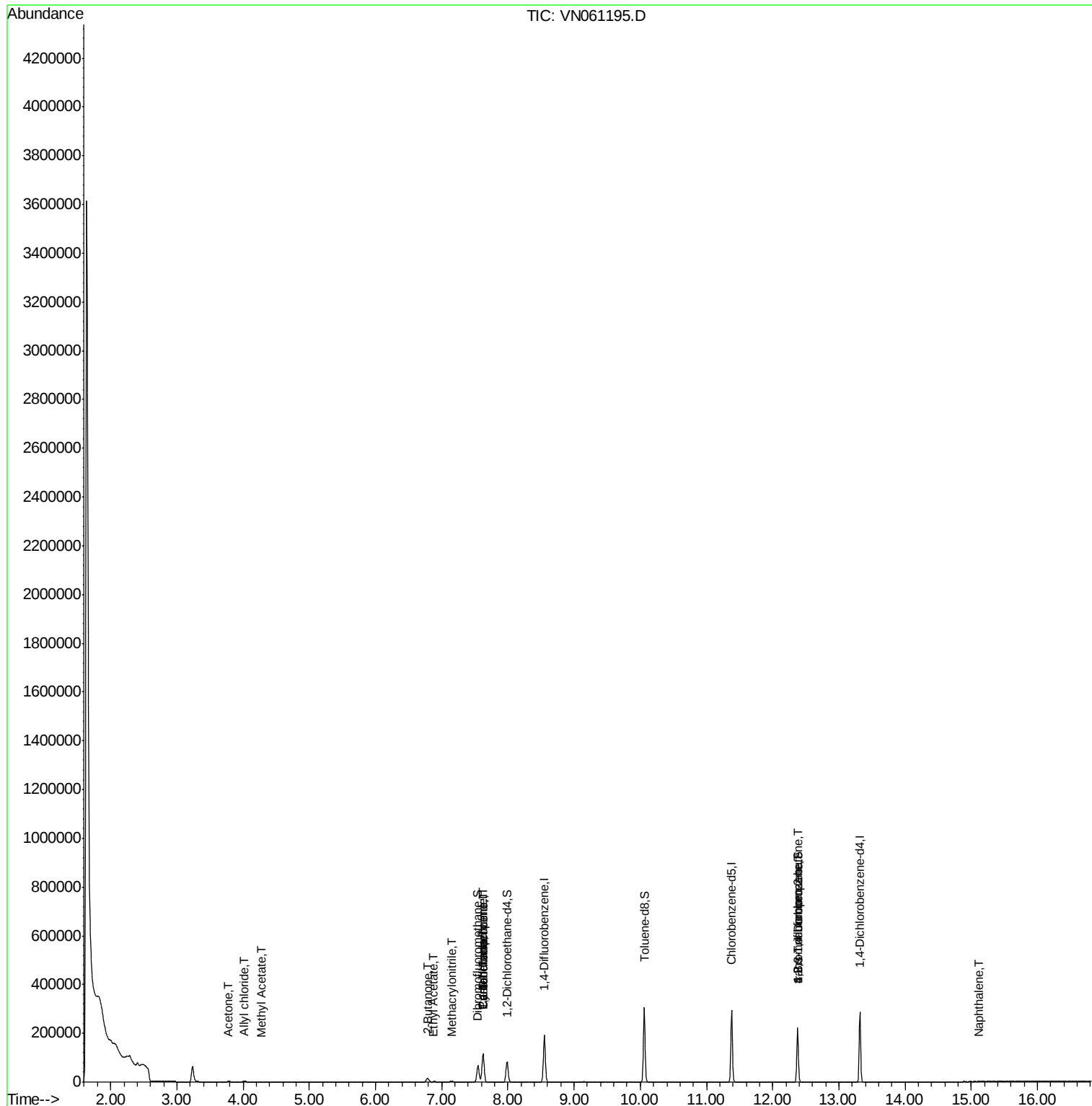
Target Compounds				Qvalue		
14) Allyl chloride	4.02	41	723	0.415	ug/l #	69
16) Acetone	3.78	43	7062	7.597	ug/l	97
18) Methyl Acetate	4.28	43	139	0.756	ug/l #	55
25) 2-Butanone	6.79	43	26888	32.235	ug/l	99
31) Cyclohexane	7.63	56	2321	1.132	ug/l #	32
36) 1,1-Dichloropropene	7.63	75	8267	5.154	ug/l #	48
37) Ethyl Acetate	6.89	43	5854	3.113	ug/l #	82
38) Carbon Tetrachloride	7.63	117	9521	8.495	ug/l #	16
41) Methacrylonitrile	7.14	41	883	1.131	ug/l #	100
76) 1,2,3-Trichloropropane	12.37	75	42152	28.449	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.37	75	42152	72.245	ug/l #	8
95) Naphthalene	15.10	128	865	0.207	ug/l #	69

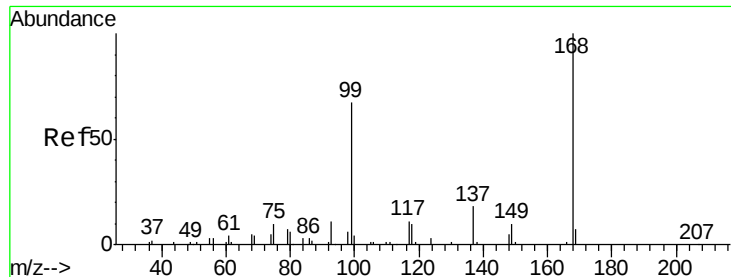
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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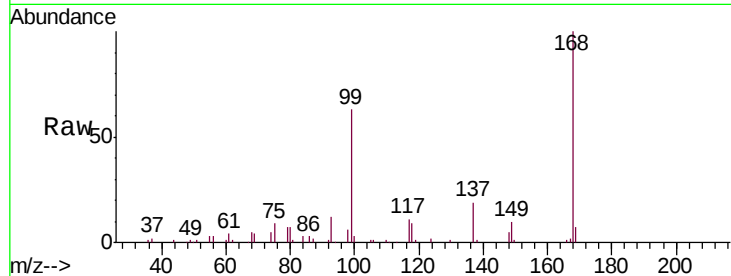


#1

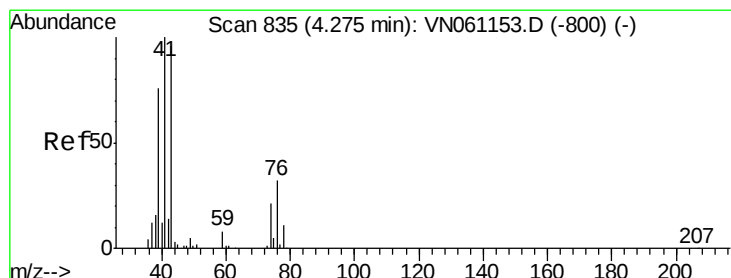
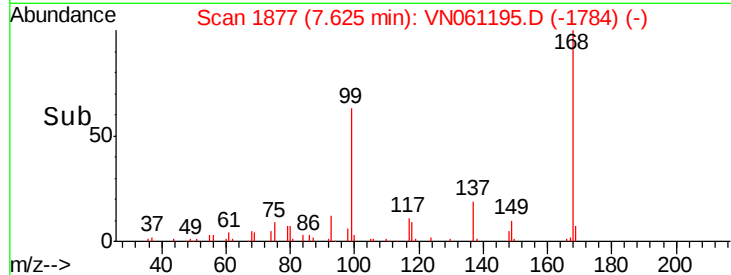
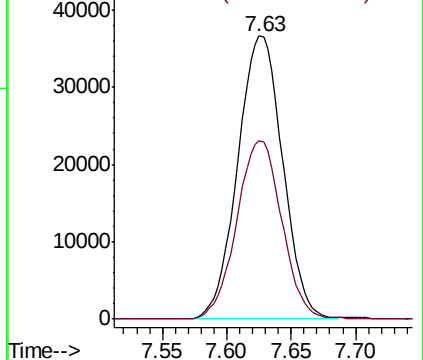
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VN061195.D
 Acq: 29 Apr 2020 16:33

Instrument :
 MSVOA_N
 ClientSampled :
 MW-1

Tgt Ion: 168 Resp: 89088
 Ion Ratio Lower Upper
 168 100
 99 63.2 51.2 76.8



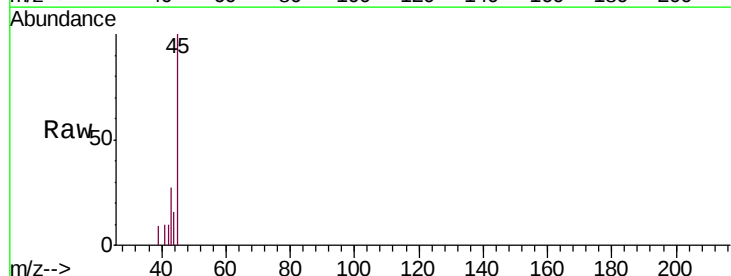
Abundance Ion 167.90 (167.60 to 168.60): VN061195.D (-1784) (-)
 Ion 98.90 (98.60 to 99.60): VN061195.D (-1784) (-)



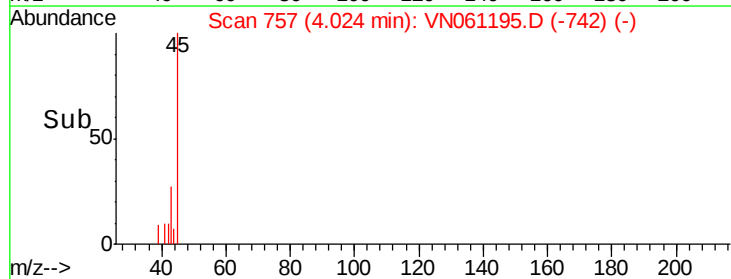
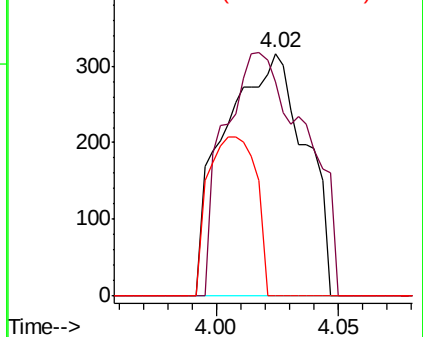
#14

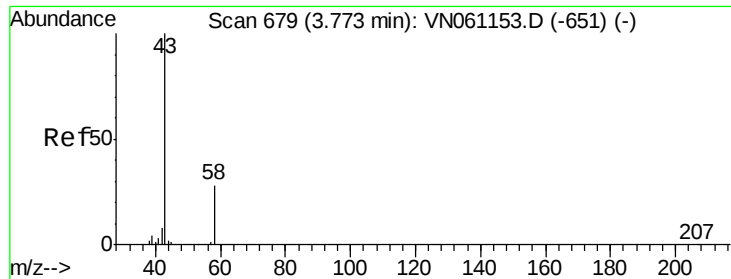
Allyl chloride
 Concen: 0.415 ug/l
 RT: 4.02 min Scan# 757
 Delta R.T. -0.25 min
 Lab File: VN061195.D
 Acq: 29 Apr 2020 16:33

Tgt Ion: 41 Resp: 723
 Ion Ratio Lower Upper
 41 100
 39 101.9 57.1 85.7#
 76 39.1 24.3 36.5#



Abundance Ion 41.00 (40.70 to 41.70): VN061195.D (-742) (-)
 Ion 39.00 (38.70 to 39.70): VN061195.D (-742) (-)
 Ion 75.90 (75.60 to 76.60): VN061195.D (-742) (-)





#16

Acetone

Concen: 7.597 ug/l

RT: 3.78 min Scan# 680

Delta R.T. 0.00 min

Lab File: VN061195.D

Acq: 29 Apr 2020 16:33

Instrument :

MSVOA_N

ClientSampleId :

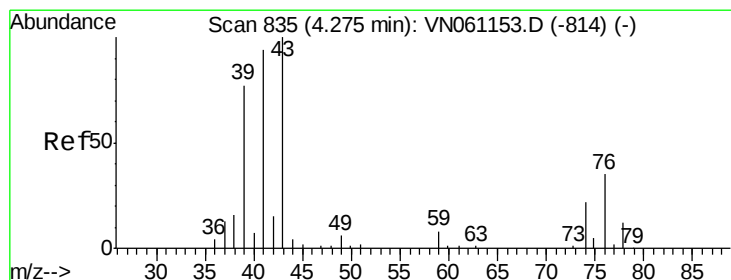
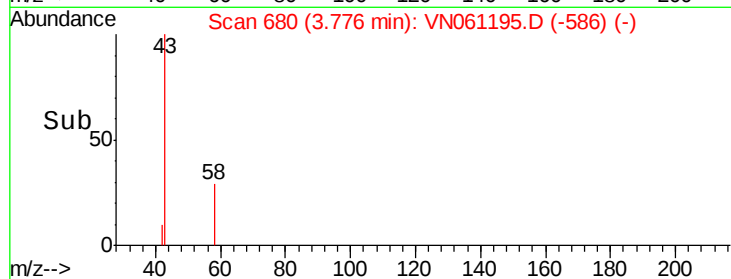
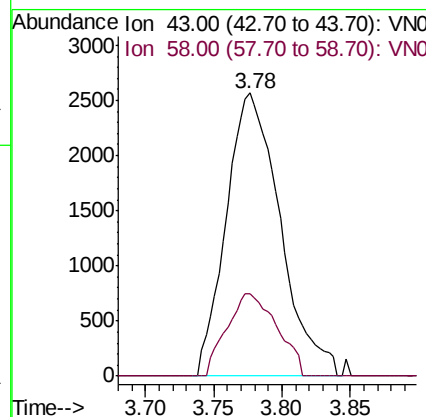
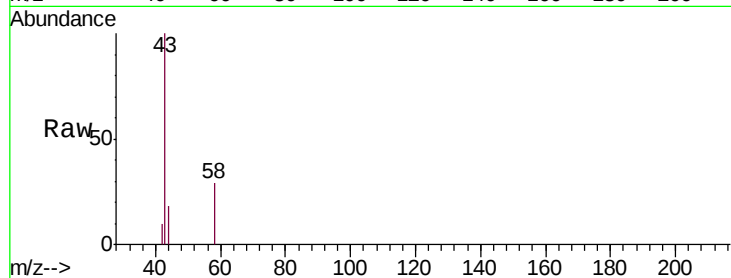
MW-1

Tgt Ion: 43 Resp: 7062

Ion Ratio Lower Upper

43 100

58 29.1 22.2 33.2



#18

Methyl Acetate

Concen: 0.756 ug/l

RT: 4.28 min Scan# 837

Delta R.T. 0.01 min

Lab File: VN061195.D

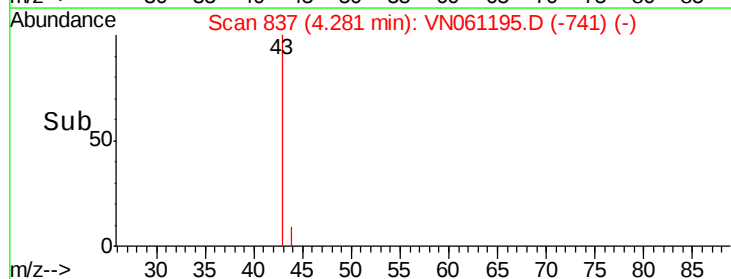
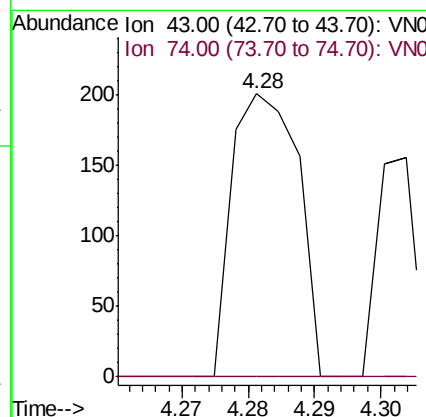
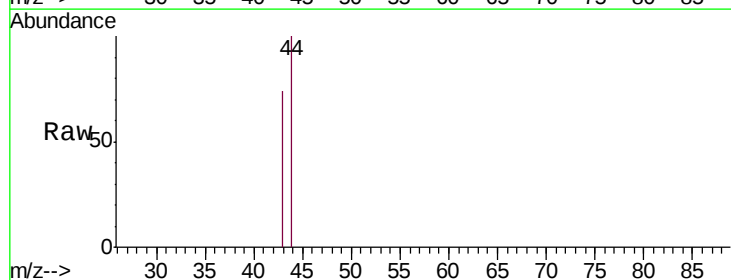
Acq: 29 Apr 2020 16:33

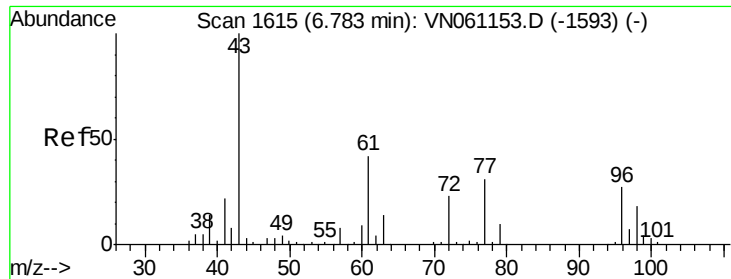
Tgt Ion: 43 Resp: 139

Ion Ratio Lower Upper

43 100

74 0.0 17.0 25.4#

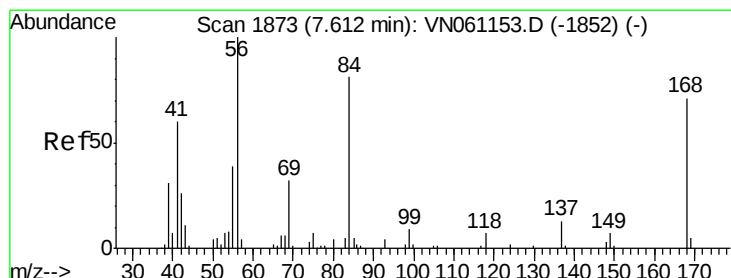
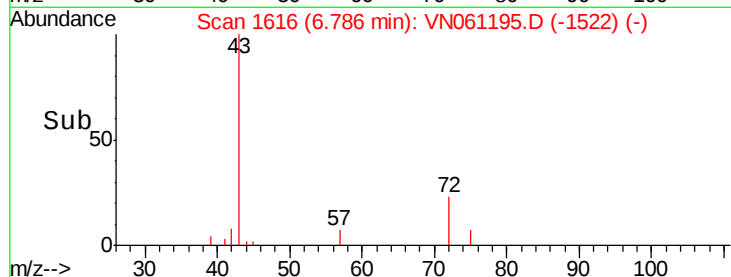
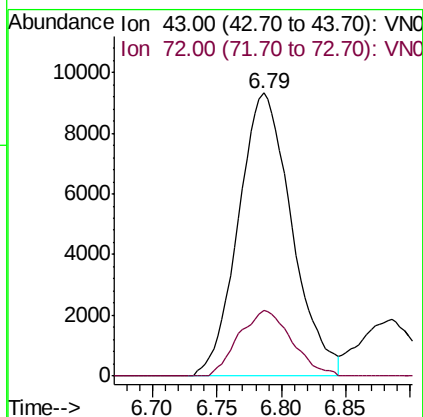
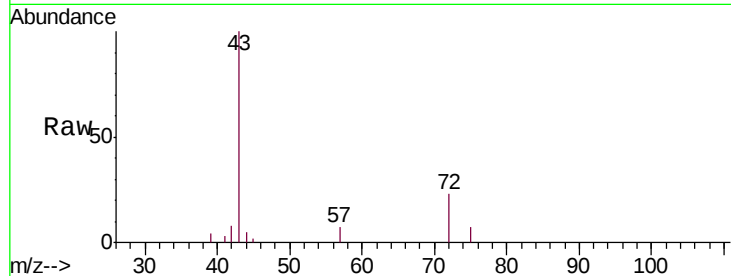




#25
2-Butanone
Concen: 32.235 ug/l
RT: 6.79 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VN061195.D
Acq: 29 Apr 2020 16:33

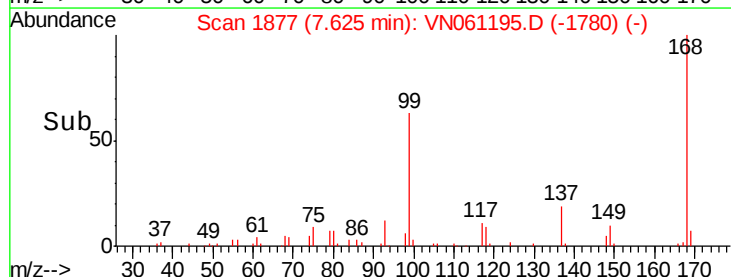
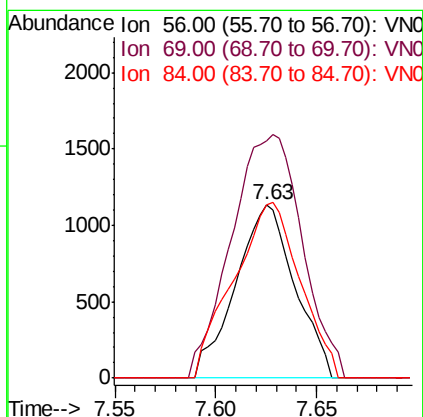
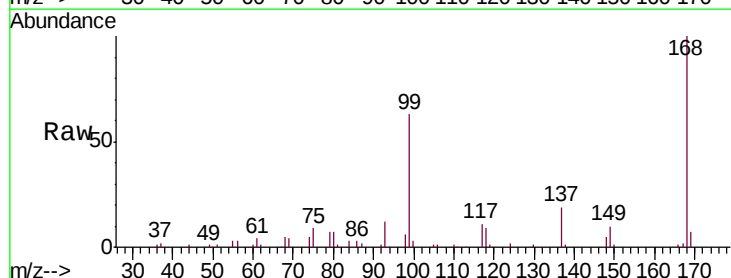
Instrument :
MSVOA_N
ClientSampleId :
MW-1

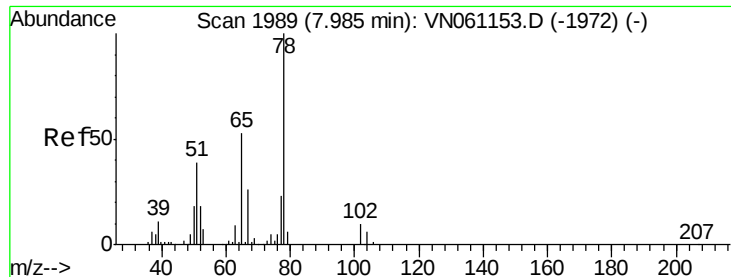
Tgt Ion: 43 Resp: 26888
Ion Ratio Lower Upper
43 100
72 23.3 18.2 27.4



#31
Cyclohexane
Concen: 1.132 ug/l
RT: 7.63 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VN061195.D
Acq: 29 Apr 2020 16:33

Tgt Ion: 56 Resp: 2321
Ion Ratio Lower Upper
56 100
69 136.4 25.7 38.5#
84 99.8 64.6 97.0#

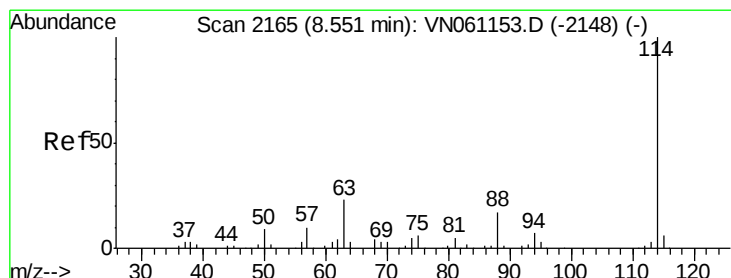
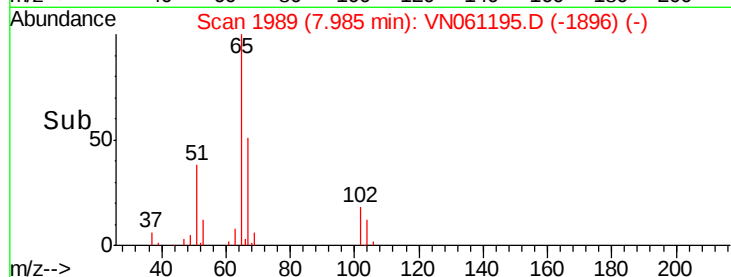
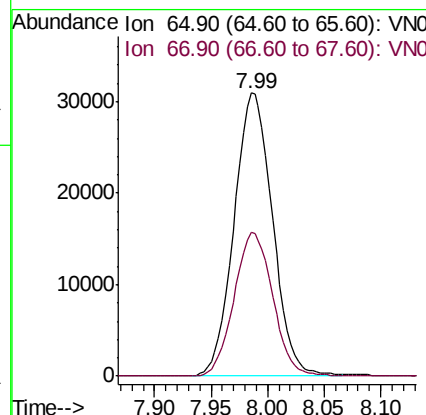
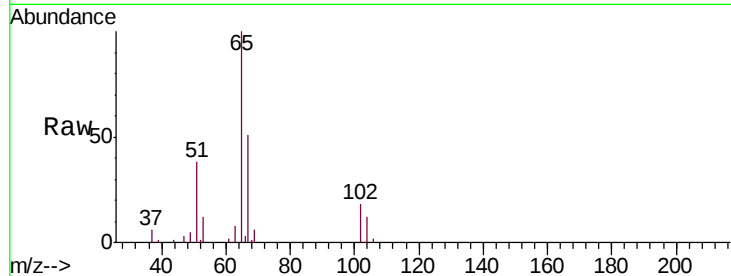




#33
 1,2-Dichloroethane-d4
 Concen: 52.075 ug/l
 RT: 7.99 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN061195.D
 Acq: 29 Apr 2020 16:33

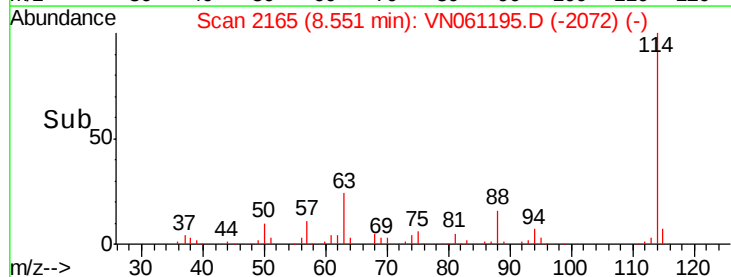
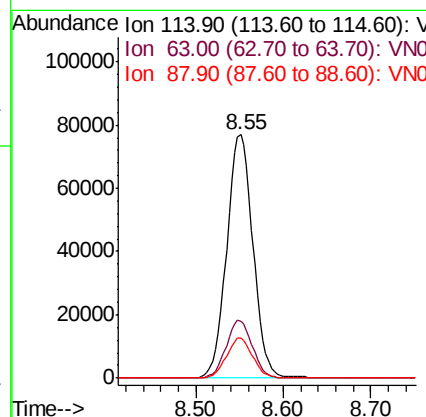
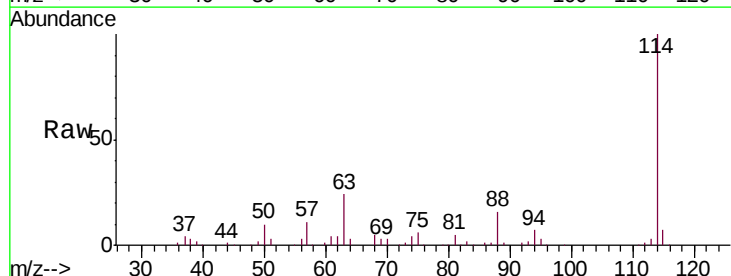
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

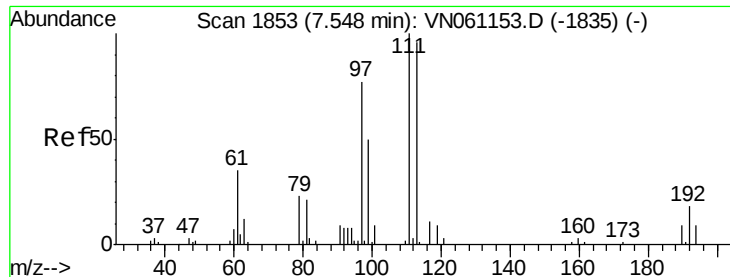
Tgt Ion: 65 Resp: 73408
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061195.D
 Acq: 29 Apr 2020 16:33

Tgt Ion: 114 Resp: 160222
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 46.6
 88 16.4 0.0 33.4

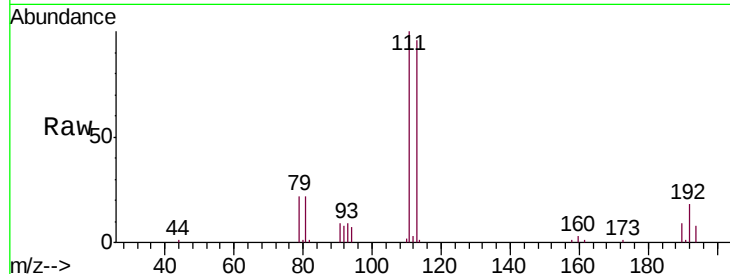




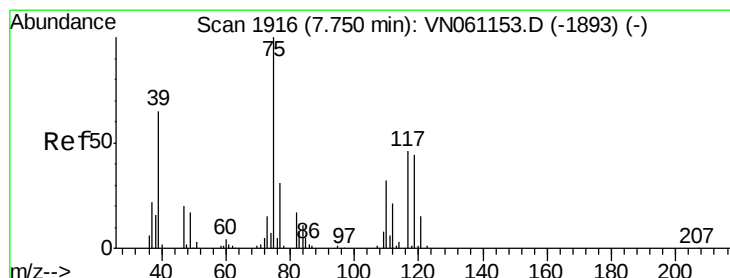
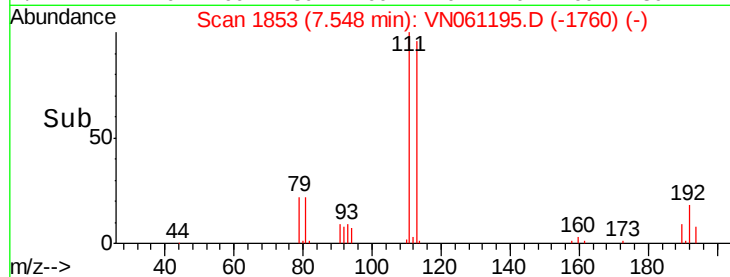
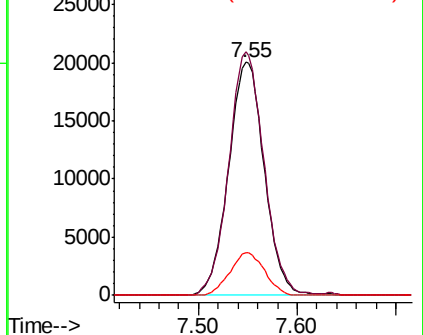
#35
 Dibromofluoromethane
 Concen: 53.400 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061195.D
 Acq: 29 Apr 2020 16:33

Instrument :
 MSVOA_N
 ClientSampled :
 MW-1

Tgt Ion: 113 Resp: 50593
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.9 124.3
 192 17.8 14.7 22.1

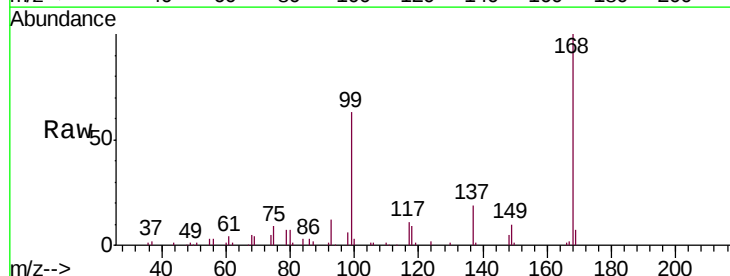


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

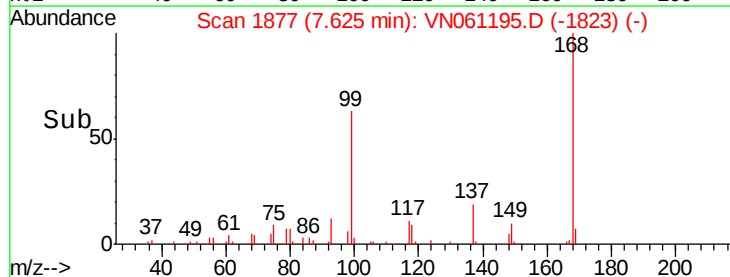
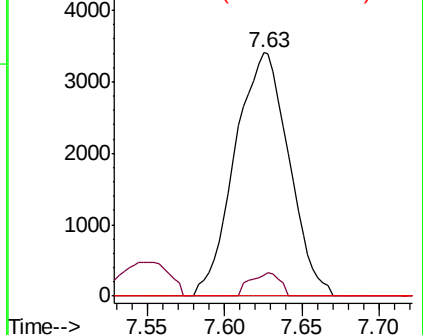


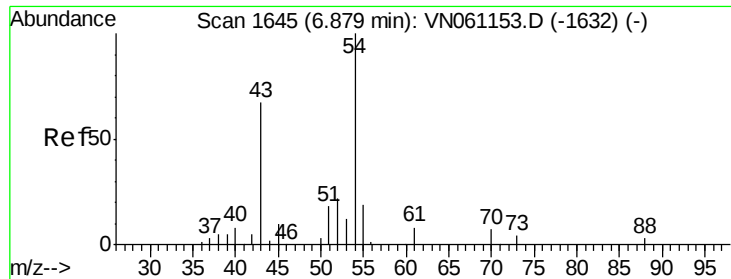
#36
 1,1-Dichloropropene
 Concen: 5.154 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. -0.13 min
 Lab File: VN061195.D
 Acq: 29 Apr 2020 16:33

Tgt Ion: 75 Resp: 8267
 Ion Ratio Lower Upper
 75 100
 110 5.2 16.0 48.0#
 77 0.0 24.6 37.0#



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

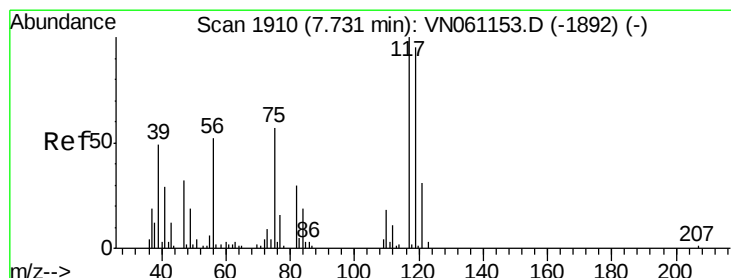
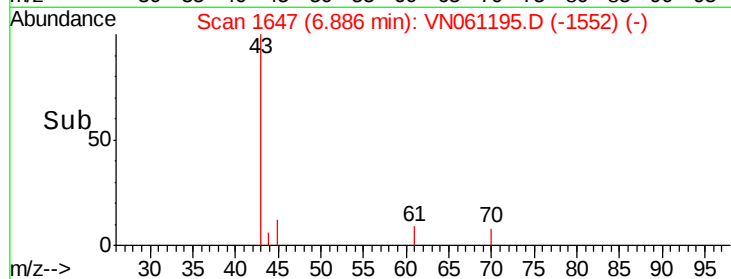
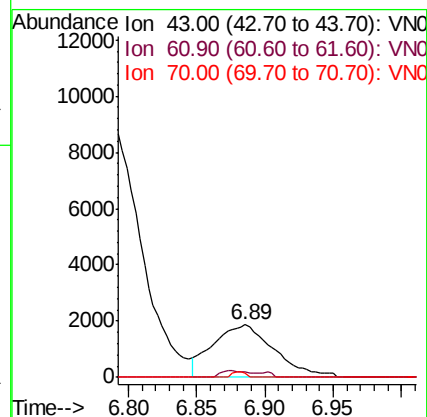
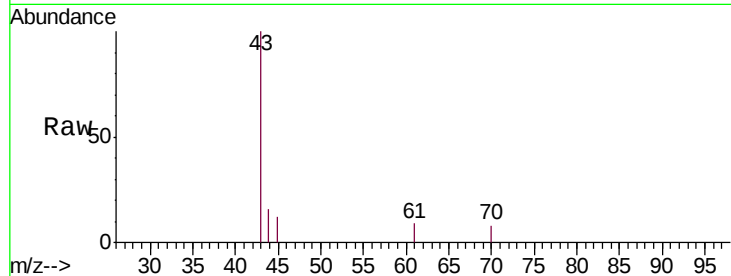




#37
Ethyl Acetate
Concen: 3.113 ug/l
RT: 6.89 min Scan# 1647
Delta R.T. 0.01 min
Lab File: VN061195.D
Acq: 29 Apr 2020 16:33

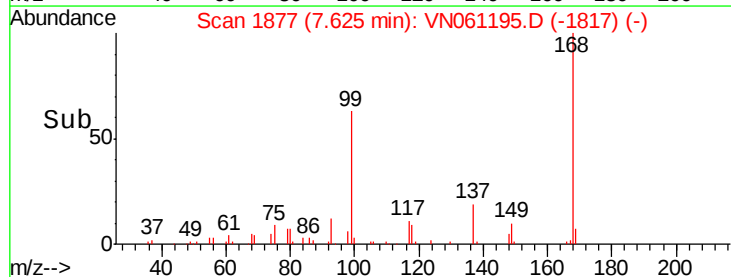
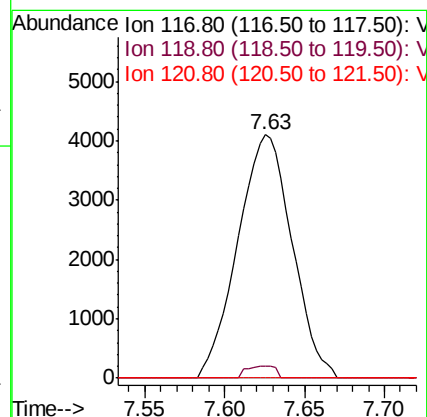
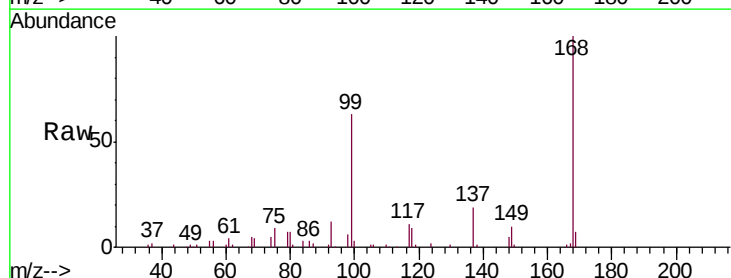
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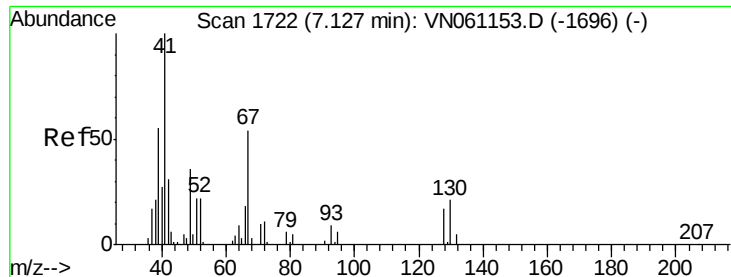
Tgt Ion: 43 Resp: 5854
Ion Ratio Lower Upper
43 100
61 5.7 10.2 15.2#
70 2.2 7.2 10.8#



#38
Carbon Tetrachloride
Concen: 8.495 ug/l
RT: 7.63 min Scan# 1877
Delta R.T. -0.11 min
Lab File: VN061195.D
Acq: 29 Apr 2020 16:33

Tgt Ion: 117 Resp: 9521
Ion Ratio Lower Upper
117 100
119 5.1 75.8 113.6#
121 0.0 24.7 37.1#

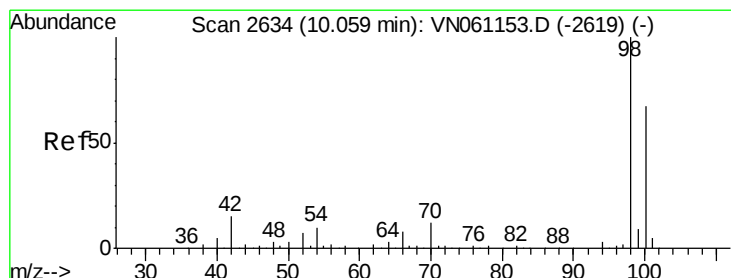
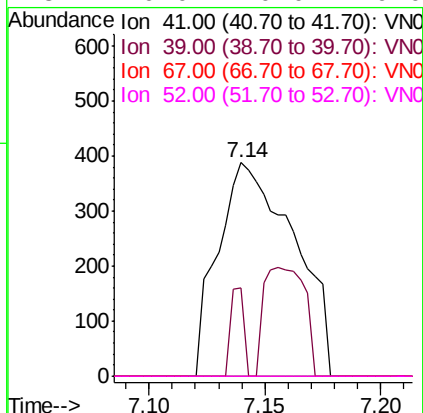
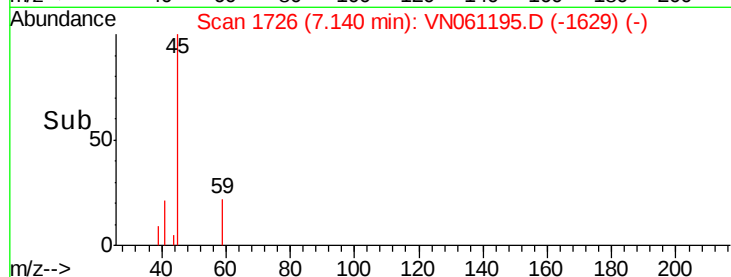
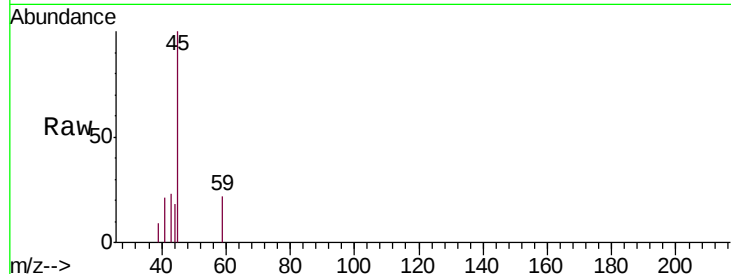




#41
Methacrylonitrile
Concen: 1.131 ug/l
RT: 7.14 min Scan# 1726
Delta R.T. 0.01 min
Lab File: VN061195.D
Acq: 29 Apr 2020 16:33

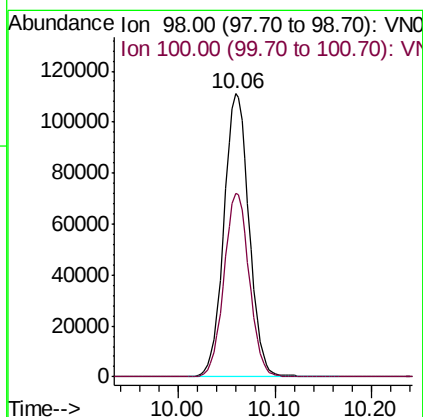
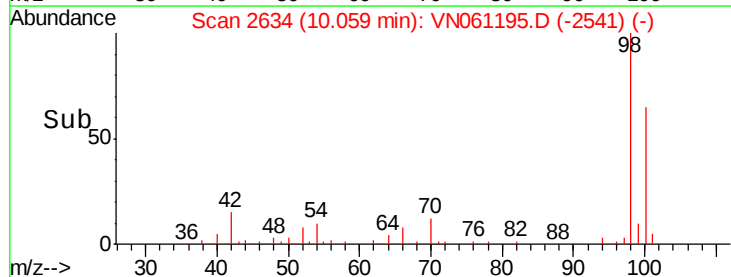
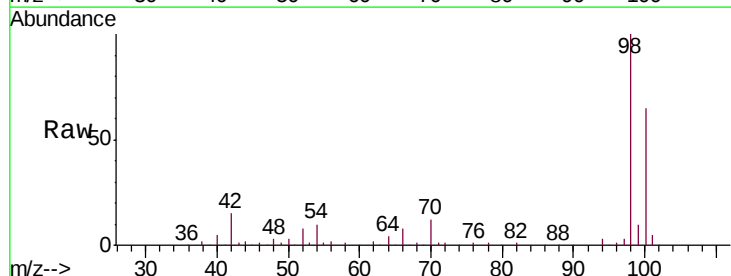
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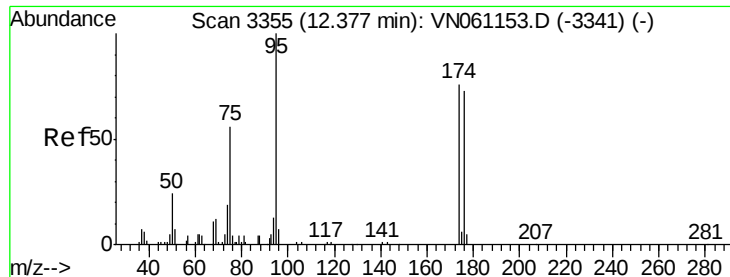
Tgt Ion:	41	Resp:	883
Ion	Ratio	Lower	Upper
41	100		
39	7.0	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#50
Toluene-d8
Concen: 51.959 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061195.D
Acq: 29 Apr 2020 16:33

Tgt Ion:	98	Resp:	200676
Ion	Ratio	Lower	Upper
98	100		
100	65.2	53.4	80.0





#62

4-Bromofluorobenzene

Concen: 51.578 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061195.D

Acq: 29 Apr 2020 16:33

Instrument :

MSVOA_N

ClientSampleId :

MW-1

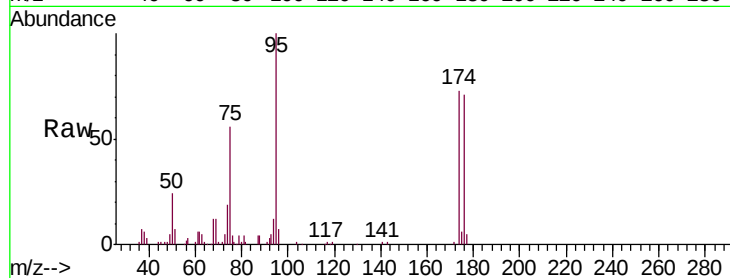
Tgt Ion: 95 Resp: 74964

Ion Ratio Lower Upper

95 100

174 73.1 0.0 149.4

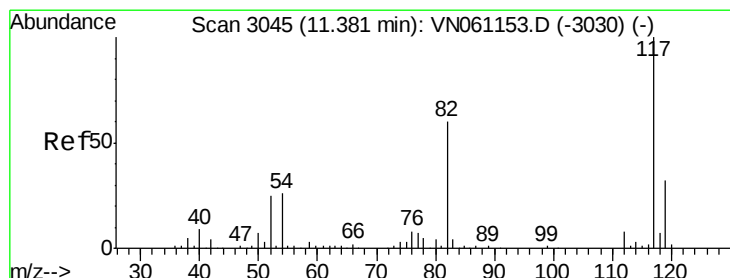
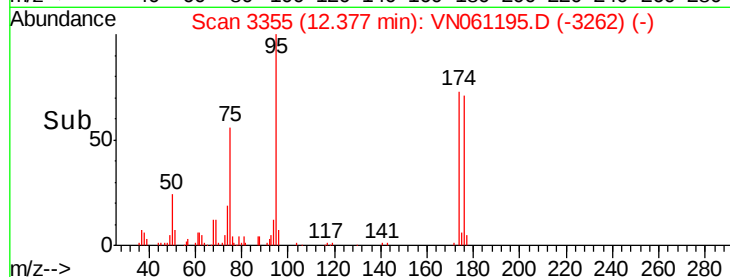
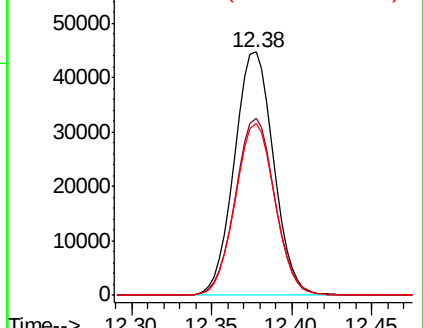
176 71.2 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): VN061195.D (-3262) (-)

Ion 173.80 (173.50 to 174.50): VN061195.D (-3262) (-)

Ion 175.80 (175.50 to 176.50): VN061195.D (-3262) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 3045

Delta R.T. 0.00 min

Lab File: VN061195.D

Acq: 29 Apr 2020 16:33

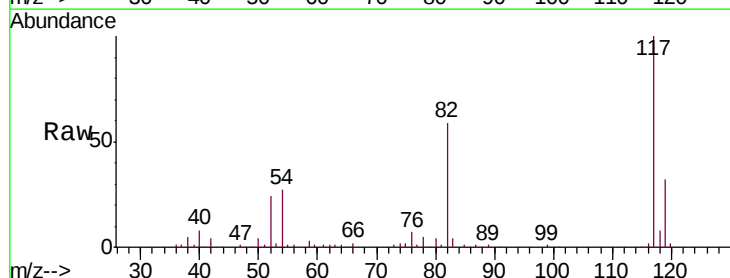
Tgt Ion: 117 Resp: 156524

Ion Ratio Lower Upper

117 100

82 59.3 47.8 71.8

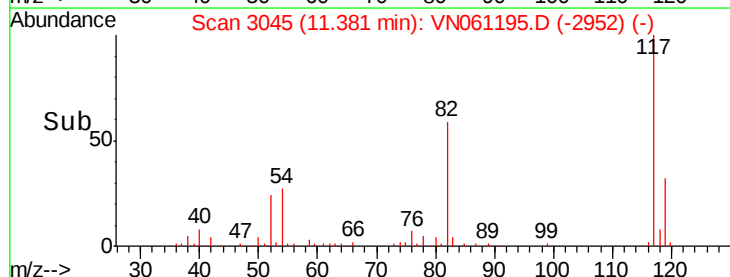
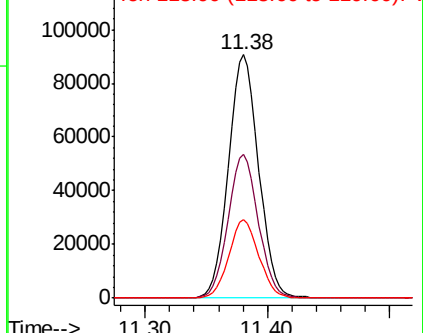
119 32.4 25.8 38.6

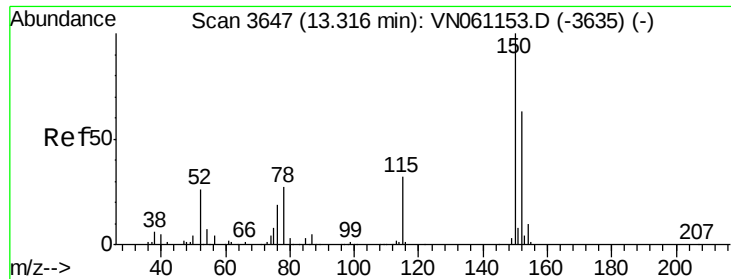


Abundance Ion 116.90 (116.60 to 117.60): VN061195.D (-2952) (-)

Ion 82.00 (81.70 to 82.70): VN061195.D (-2952) (-)

Ion 118.90 (118.60 to 119.60): VN061195.D (-2952) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3648

Delta R.T. 0.00 min

Lab File: VN061195.D

Acq: 29 Apr 2020 16:33

Instrument :

MSVOA_N

ClientSampleId :

MW-1

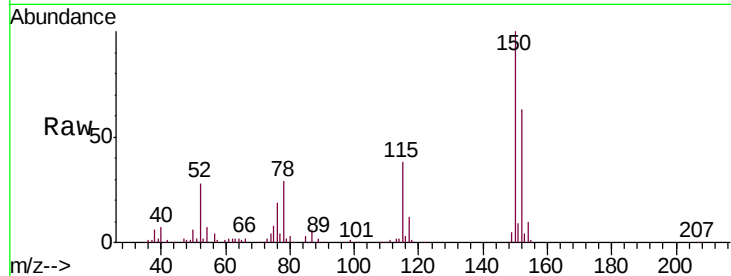
Tgt Ion:152 Resp: 70280

Ion Ratio Lower Upper

152 100

115 61.4 31.0 93.0

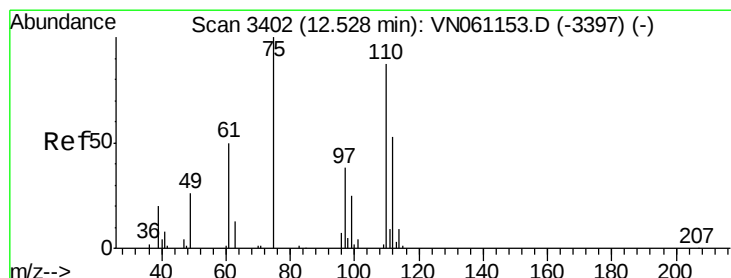
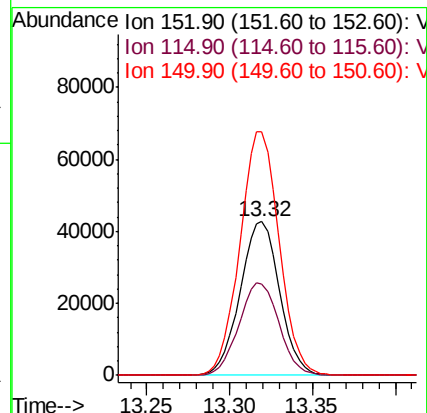
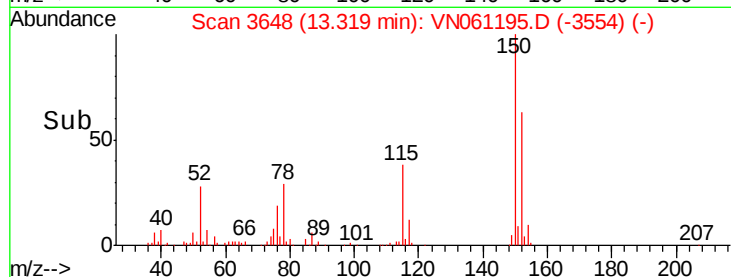
150 158.2 0.0 351.8



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



#76

1,2,3-Trichloropropane

Concen: 28.449 ug/l

RT: 12.37 min Scan# 3354

Delta R.T. -0.15 min

Lab File: VN061195.D

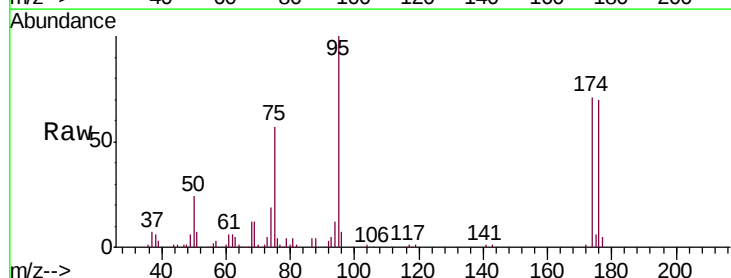
Acq: 29 Apr 2020 16:33

Tgt Ion: 75 Resp: 42152

Ion Ratio Lower Upper

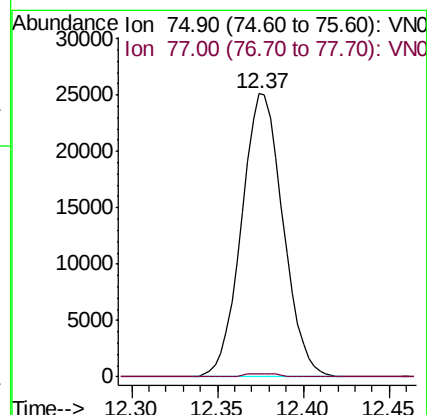
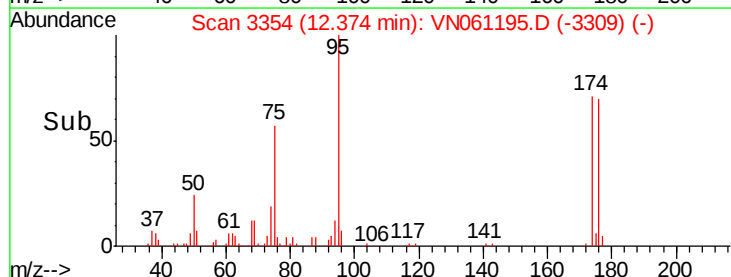
75 100

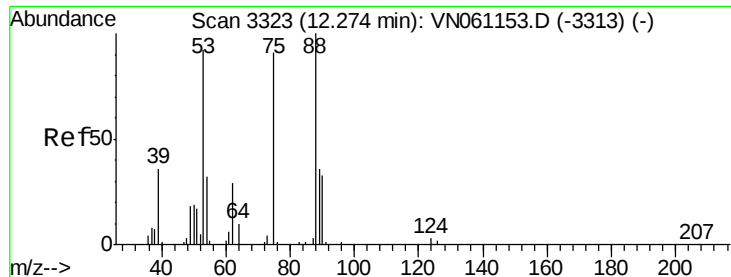
77 0.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 72.245 ug/l

RT: 12.37 min Scan# 3354

Delta R.T. 0.10 min

Lab File: VN061195.D

Acq: 29 Apr 2020 16:33

Instrument :

MSVOA_N

ClientSampleId :

MW-1

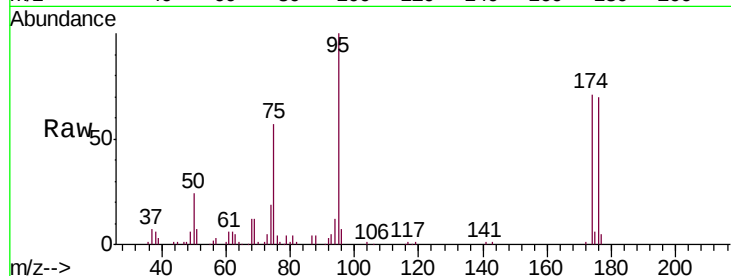
Tgt Ion: 75 Resp: 42152

Ion Ratio Lower Upper

75 100

53 0.0 84.1 126.1#

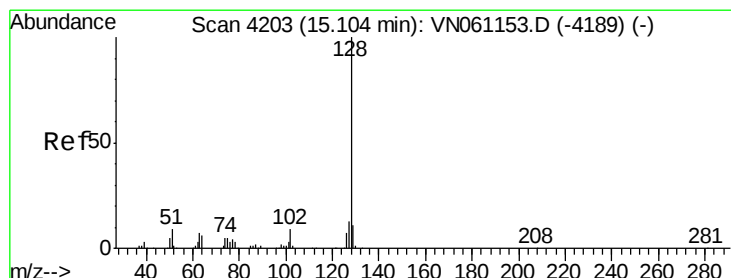
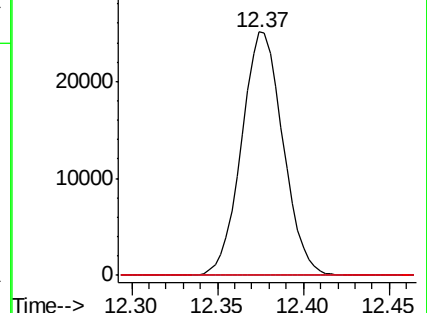
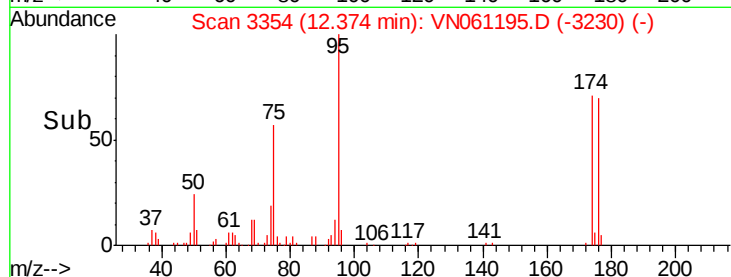
89 0.0 35.2 52.8#



Abundance Ion 74.90 (74.60 to 75.60): VN061195.D (-3354) (-)

Ion 53.00 (52.70 to 53.70): VN061195.D (-3354) (-)

Ion 88.90 (88.60 to 89.60): VN061195.D (-3354) (-)



#95

Naphthalene

Concen: 0.207 ug/l

RT: 15.10 min Scan# 4203

Delta R.T. 0.00 min

Lab File: VN061195.D

Acq: 29 Apr 2020 16:33

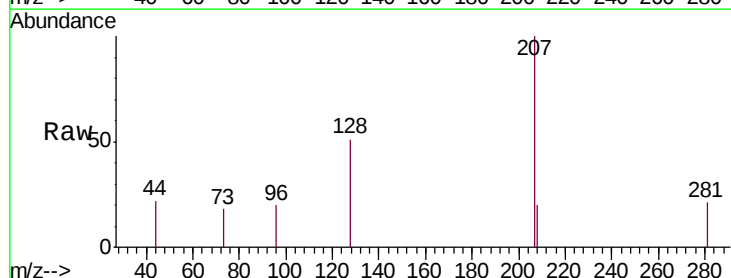
Tgt Ion: 128 Resp: 865

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 0.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): VN061195.D (-4203) (-)

Ion 127.00 (126.70 to 127.70): VN061195.D (-4203) (-)

Ion 129.00 (128.70 to 129.70): VN061195.D (-4203) (-)

