

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100120\
 Data File : VN063777.D
 Acq On : 1 Oct 2020 17:22
 Operator : JC/MD
 Sample : L4200-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB-2020-WS-000-01

Quant Time: Oct 02 02:15:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	212199	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	399911	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	408816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	171537	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	180756	51.56	ug/l	0.00
Spiked Amount			Recovery	=	103.12%	
35) Dibromofluoromethane	7.55	113	134454	48.45	ug/l	0.00
Spiked Amount			Recovery	=	96.90%	
50) Toluene-d8	10.06	98	511525	48.63	ug/l	0.00
Spiked Amount			Recovery	=	97.26%	
62) 4-Bromofluorobenzene	12.38	95	202749	51.27	ug/l	0.00
Spiked Amount			Recovery	=	102.54%	

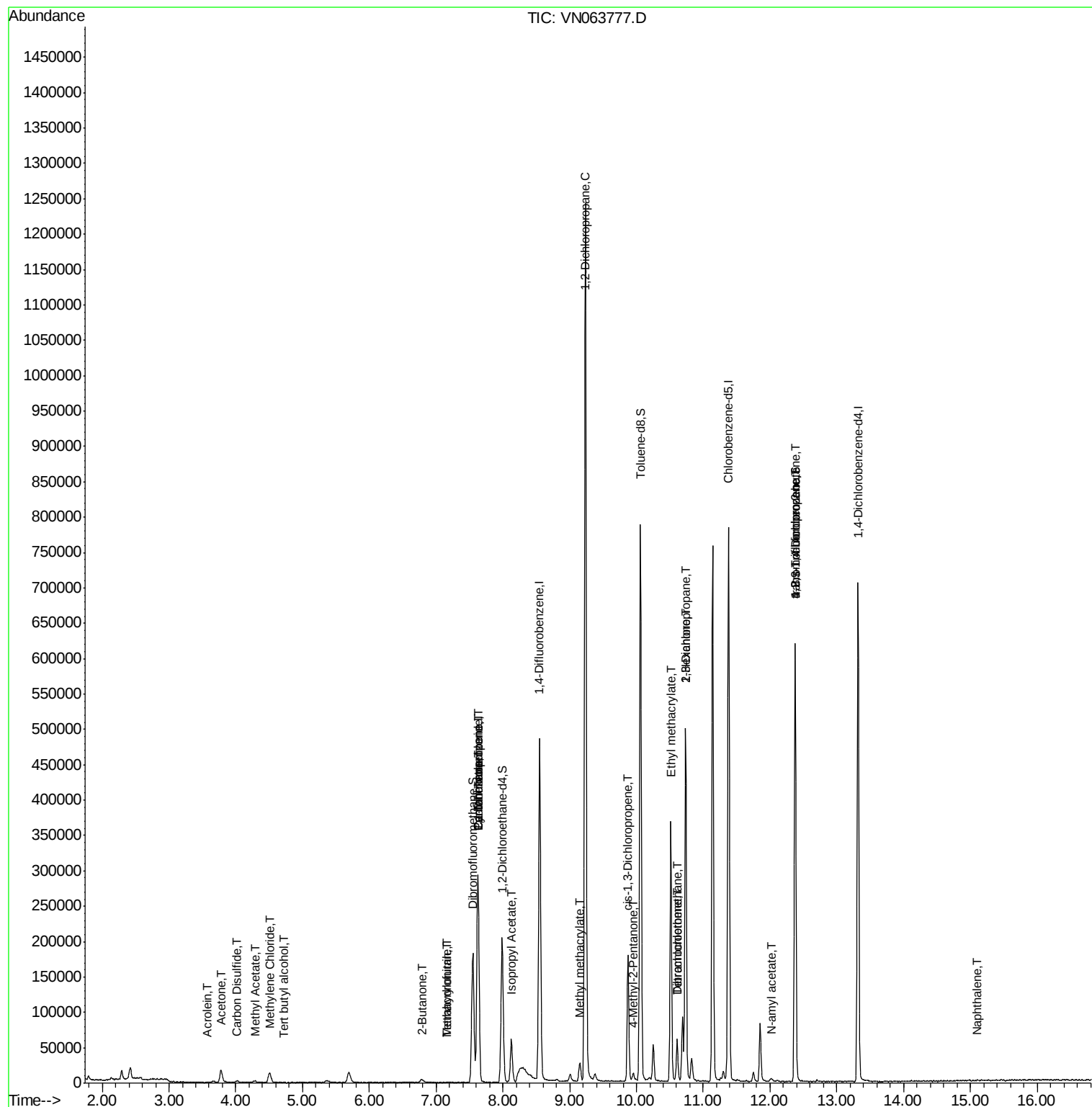
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.72	59	476	1.230	ug/l #	71
13) Acrolein	3.58	56	102	0.429	ug/l #	51
16) Acetone	3.78	43	31844	29.508	ug/l	98
17) Carbon Disulfide	4.01	76	3890	1.365	ug/l #	76
18) Methyl Acetate	4.29	43	4321	1.542	ug/l #	69
20) Methylene Chloride	4.51	84	9143	3.790	ug/l	91
25) 2-Butanone	6.79	43	2764	1.807	ug/l #	90
29) Tetrahydrofuran	7.16	42	245	0.239	ug/l #	36
31) Cyclohexane	7.63	56	6305	1.549	ug/l #	42
36) 1,1-Dichloropropene	7.62	75	20988	5.180	ug/l #	50
38) Carbon Tetrachloride	7.62	117	23904	5.262	ug/l #	13
41) Methacrylonitrile	7.16	41	436	0.244	ug/l #	46
43) Isopropyl Acetate	8.13	43	72121	10.863	ug/l	100
45) 1,2-Dichloropropane	9.23	63	1208	0.387	ug/l #	44
48) Methyl methacrylate	9.15	41	5226	1.593	ug/l #	12
51) 4-Methyl-2-Pentanone	9.95	43	9398	2.412	ug/l	98
54) cis-1,3-Dichloropropene	9.87	75	27705	5.562	ug/l #	69
56) Ethyl methacrylate	10.52	69	1357	0.334	ug/l #	1
57) 1,3-Dichloropropane	10.74	76	4559	0.939	ug/l #	43
59) 2-Hexanone	10.74	43	78320	27.059	ug/l #	55
60) Dibromochloromethane	10.61	129	1668	0.499	ug/l #	10
64) Tetrachloroethene	10.60	164	1822	0.576	ug/l	95
74) N-ethyl acetate	12.01	43	3297	2.758	ug/l #	48
76) 1,2,3-Trichloropropane	12.38	75	115631	30.579	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	115631	88.073	ug/l #	6
95) Naphthalene	15.11	128	172	1.942	ug/l #	69

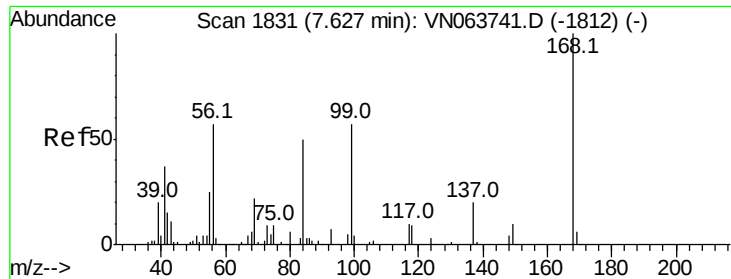
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100120\
Data File : VN063777.D
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Quant Time: Oct 02 02:15:45 2020
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Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063777.D

Acq: 1 Oct 2020 17:22

Instrument :

MSVOA_N

ClientSampleId :

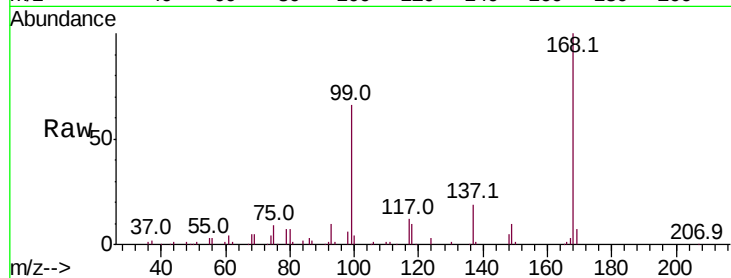
PB-2020-WS-000-01

Tot Ion:168 Resp: 212199

Ion Ratio Lower Upper

168 100

99 66.2 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

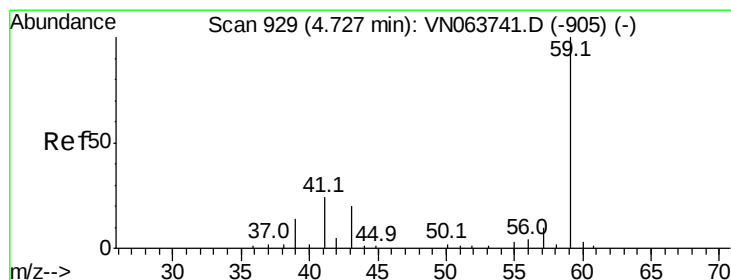
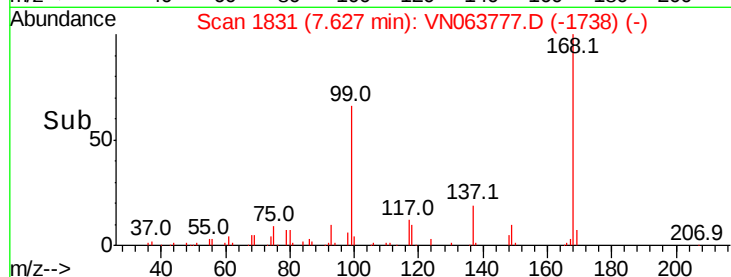
60000

40000

20000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#11

Tert butyl alcohol

Concen: 1.230 ug/l

RT: 4.72 min Scan# 927

Delta R.T. -0.01 min

Lab File: VN063777.D

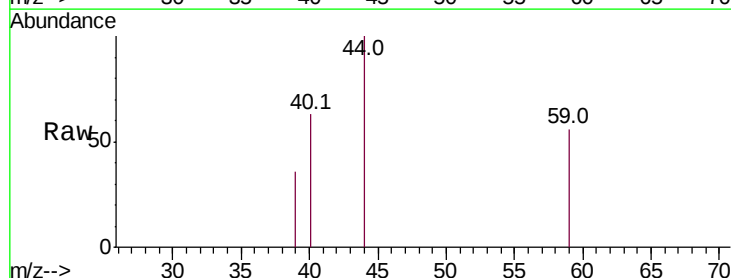
Acq: 1 Oct 2020 17:22

Tgt Ion: 59 Resp: 476

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.72

250

200

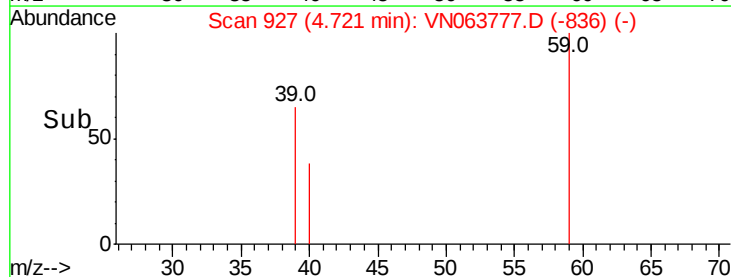
150

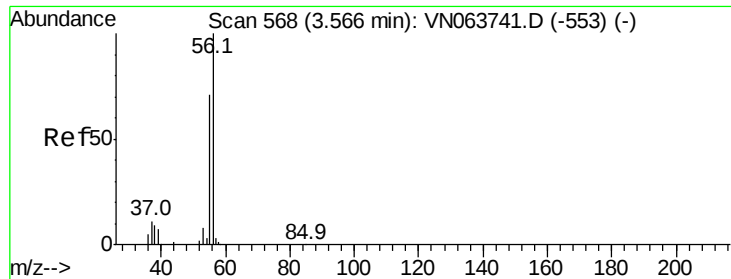
100

50

0

Time--> 4.68 4.70 4.72 4.74 4.76

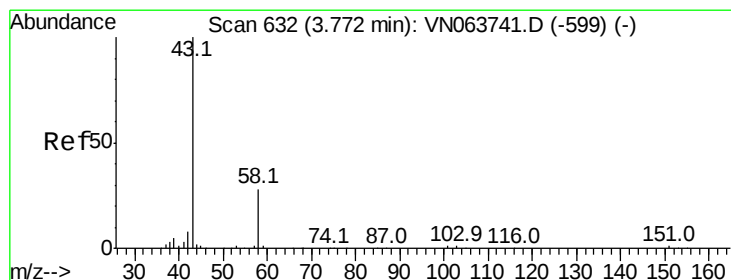
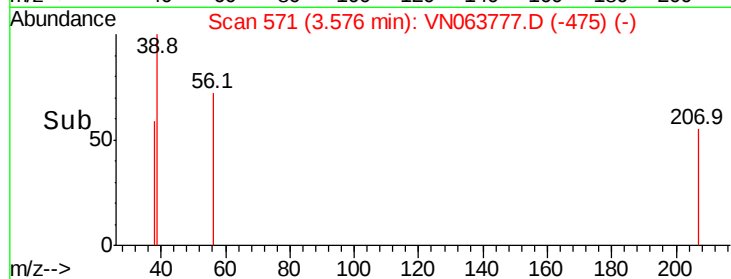
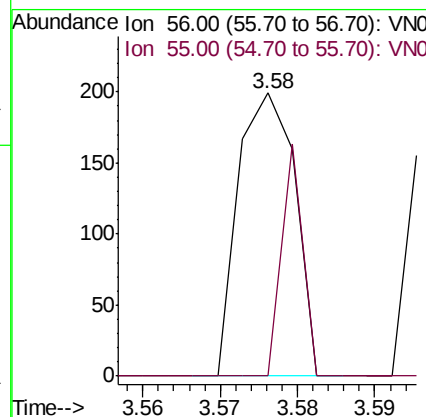
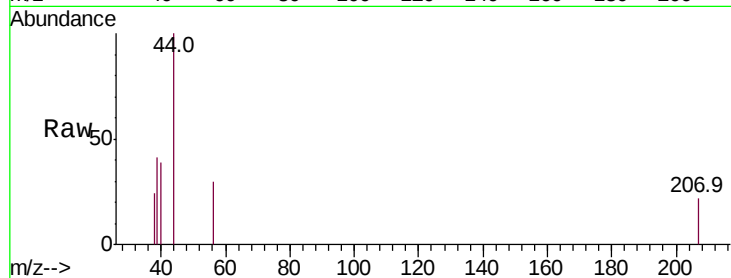




#13
Acrolein
Concen: 0.429 ug/l
RT: 3.58 min Scan# 571
Delta R.T. 0.01 min
Lab File: VN063777.D
Acq: 1 Oct 2020 17:22

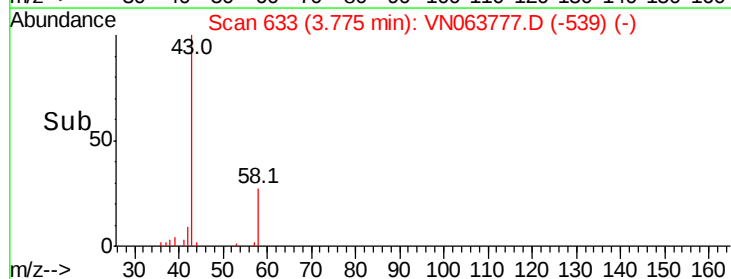
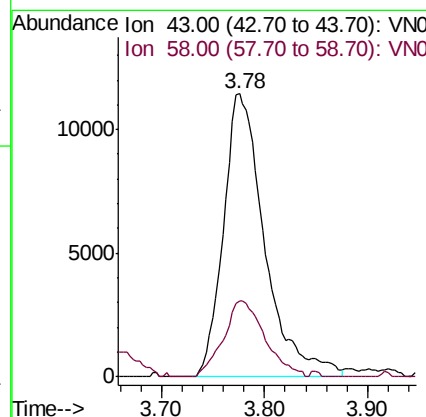
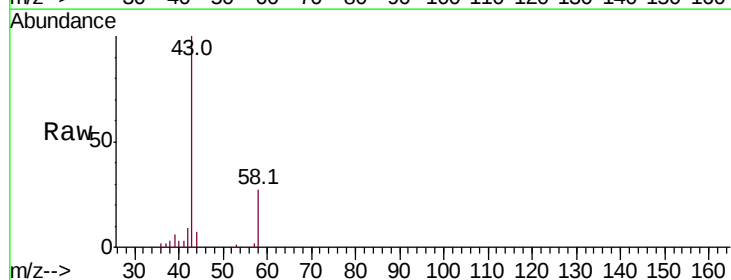
Instrument :
MSVOA_N
ClientSampleId :
PB-2020-WS-000-01

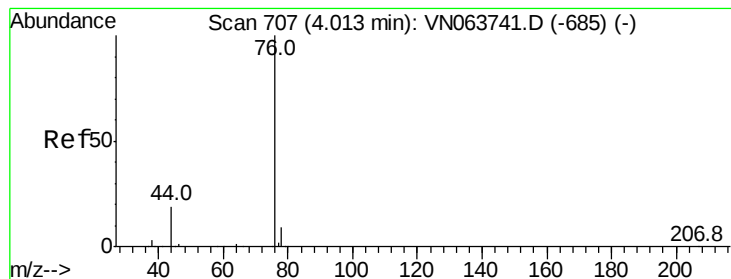
Tot Ion: 56 Resp: 102
Ion Ratio Lower Upper
56 100
55 30.4 56.9 85.3#



#16
Acetone
Concen: 29.508 ug/l
RT: 3.78 min Scan# 633
Delta R.T. 0.00 min
Lab File: VN063777.D
Acq: 1 Oct 2020 17:22

Tgt Ion: 43 Resp: 31844
Ion Ratio Lower Upper
43 100
58 27.0 22.3 33.5





#17

Carbon Disulfide

Concen: 1.365 ug/l

RT: 4.01 min Scan# 706

Delta R.T. -0.00 min

Lab File: VN063777.D

Acq: 1 Oct 2020 17:22

Instrument :

MSVOA_N

ClientSampleId :

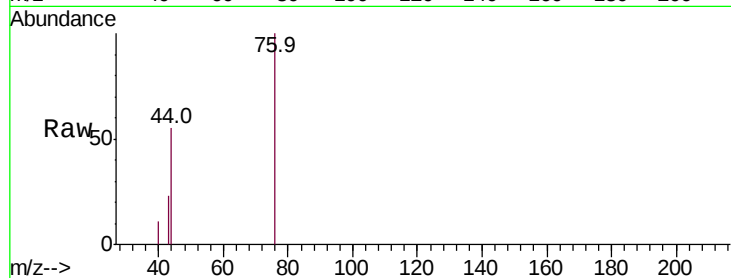
PB-2020-WS-000-01

Tot Ion: 76 Resp: 3890

Ion Ratio Lower Upper

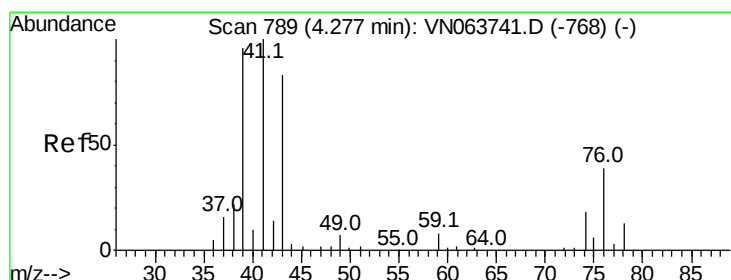
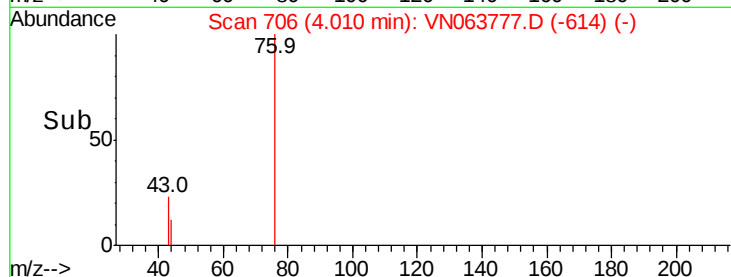
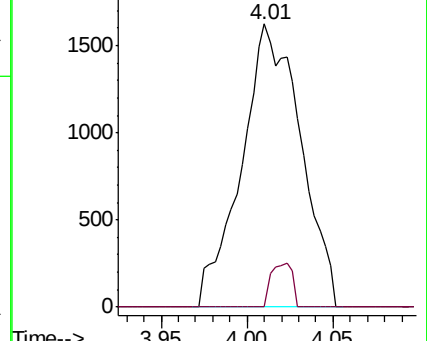
76 100

78 0.0 7.0 10.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 1.542 ug/l

RT: 4.29 min Scan# 794

Delta R.T. 0.02 min

Lab File: VN063777.D

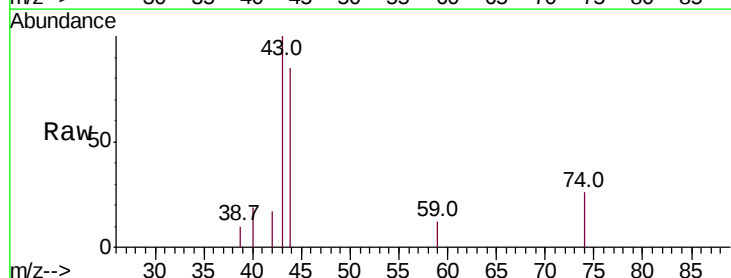
Acq: 1 Oct 2020 17:22

Tgt Ion: 43 Resp: 4321

Ion Ratio Lower Upper

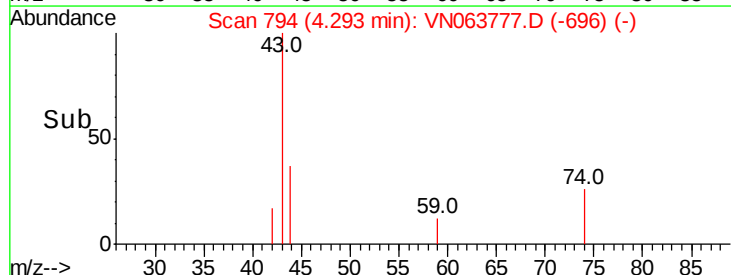
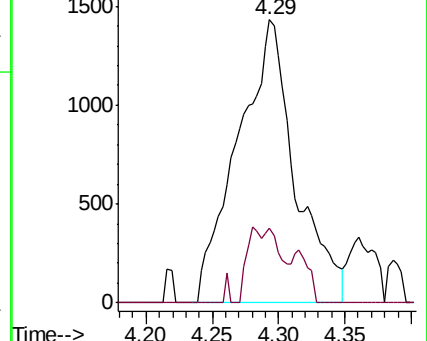
43 100

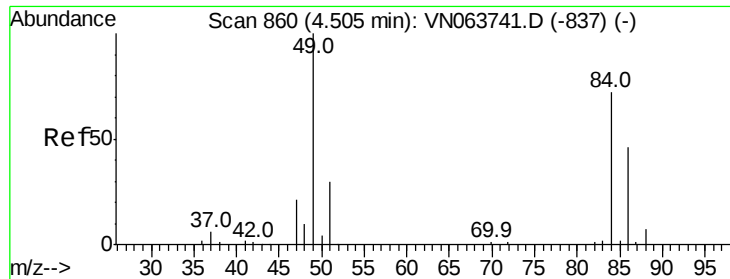
74 7.0 17.4 26.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

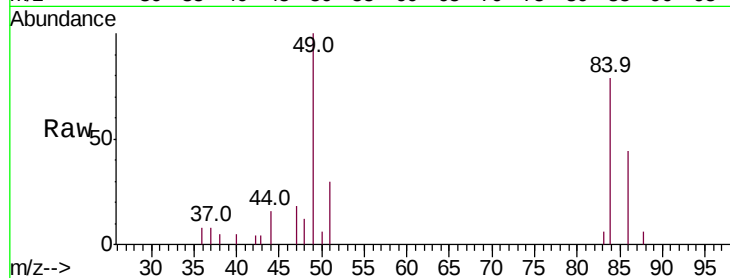




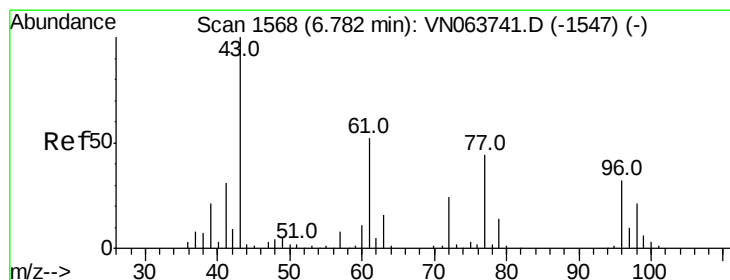
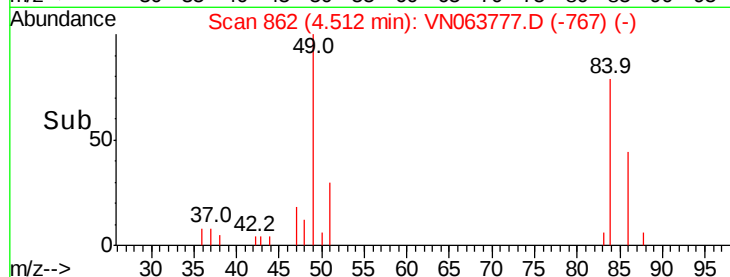
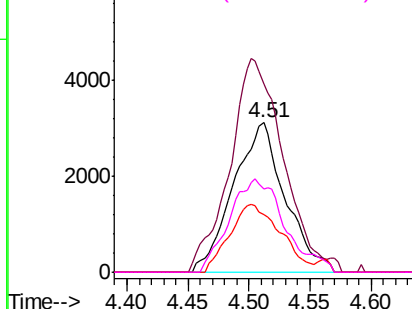
#20
Methvlene Chloride
Concen: 3.790 ug/l
RT: 4.51 min Scan# 862
Delta R.T. 0.01 min
Lab File: VN063777.D
Acq: 1 Oct 2020 17:22

Instrument :
MSVOA_N
ClientSampleId :
PB-2020-WS-000-01

Tot Ion: 84 Resp: 9143
Ion Ratio Lower Upper
84 100
49 125.9 110.4 165.6
51 38.2 33.3 49.9
86 55.6 50.7 76.1

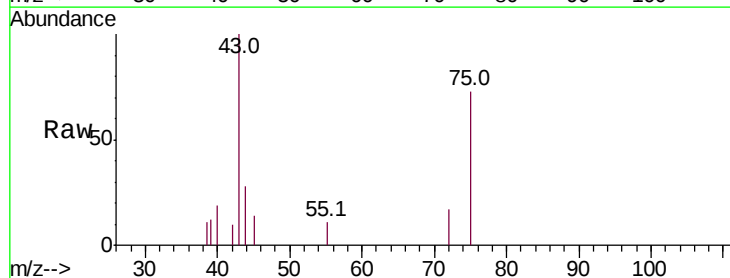


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

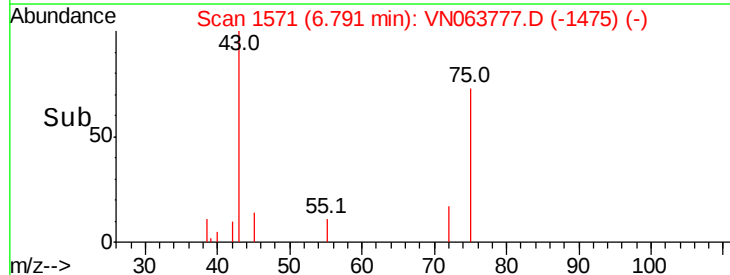
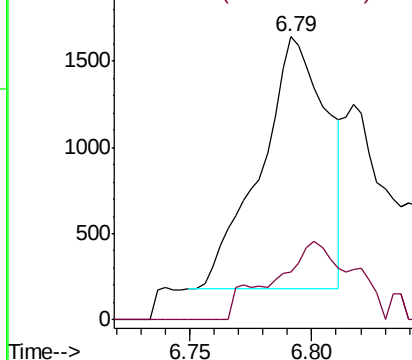


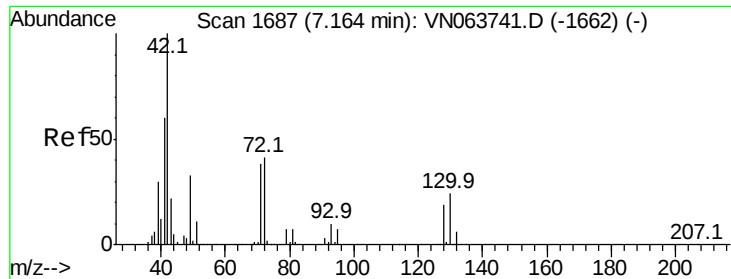
#25
2-Butanone
Concen: 1.807 ug/l
RT: 6.79 min Scan# 1571
Delta R.T. 0.01 min
Lab File: VN063777.D
Acq: 1 Oct 2020 17:22

Tgt Ion: 43 Resp: 2764
Ion Ratio Lower Upper
43 100
72 18.9 19.3 28.9#



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

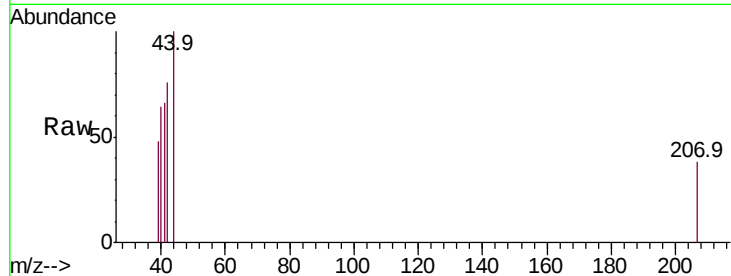




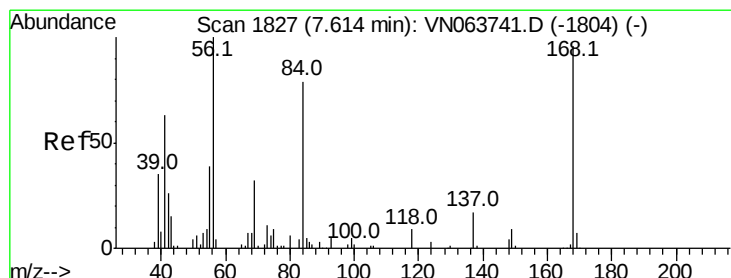
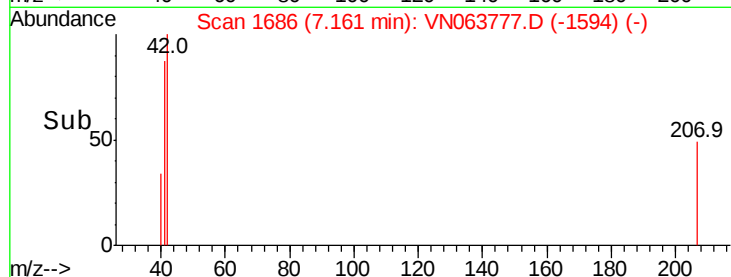
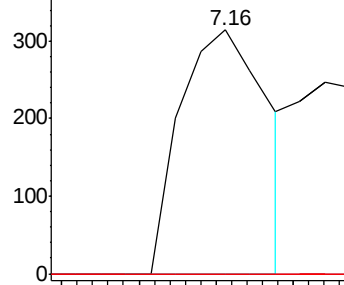
#29
Tetrahydrofuran
Concen: 0.239 ug/l
RT: 7.16 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VN063777.D
Acq: 1 Oct 2020 17:22

Instrument :
MSVOA_N
ClientSampleId :
PB-2020-WS-000-01

Tot Ion: 42 Resp: 245
Ion Ratio Lower Upper
42 100
72 0.0 32.8 49.2#
71 0.0 30.6 45.8#

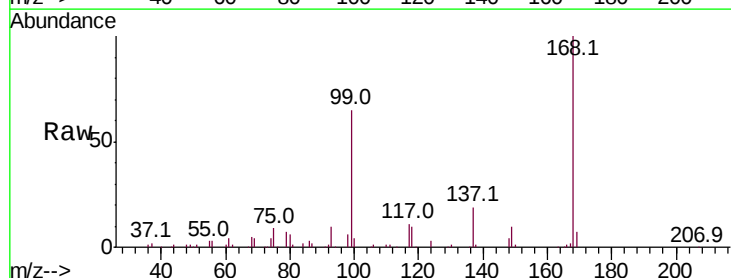


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

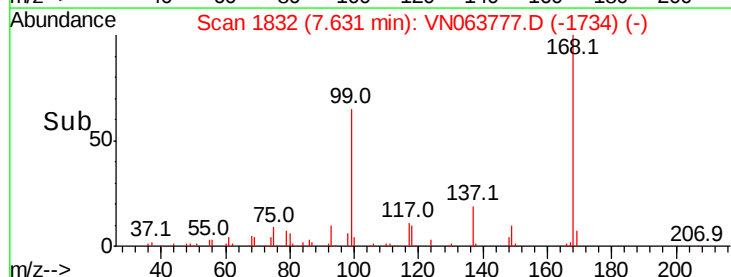
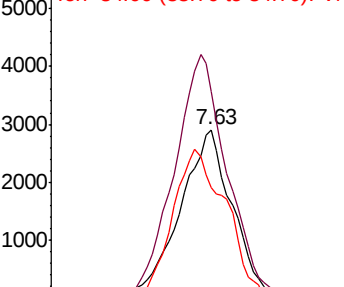


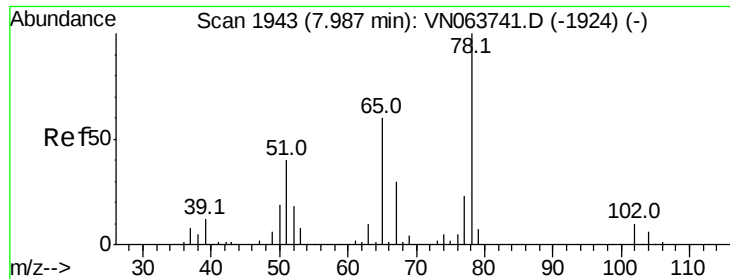
#31
Cyclohexane
Concen: 1.549 ug/l
RT: 7.63 min Scan# 1832
Delta R.T. 0.02 min
Lab File: VN063777.D
Acq: 1 Oct 2020 17:22

Tgt Ion: 56 Resp: 6305
Ion Ratio Lower Upper
56 100
69 122.6 25.4 38.2#
84 65.8 63.3 94.9



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

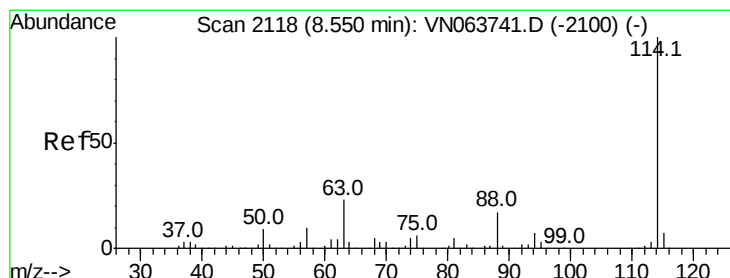
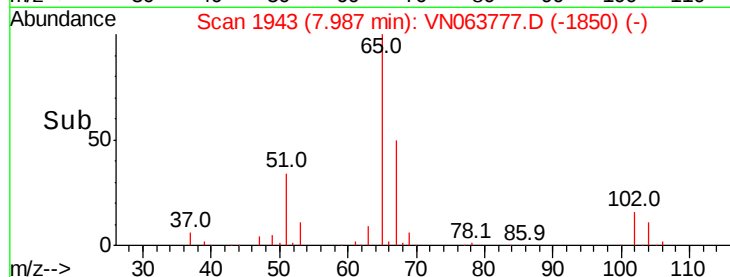
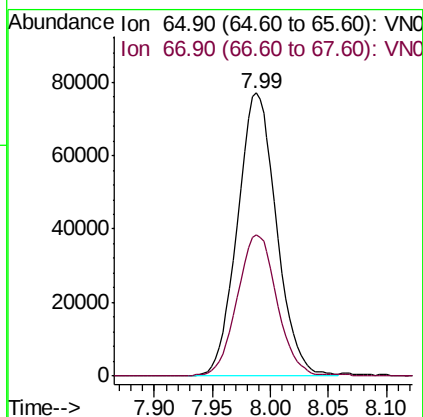
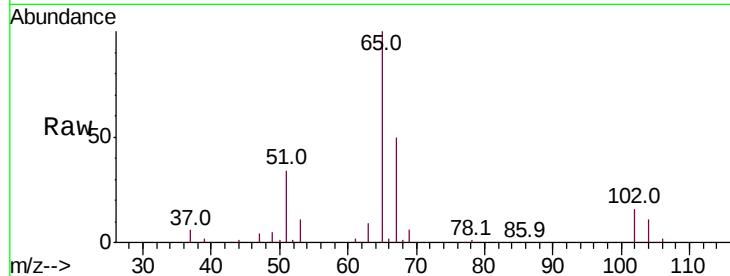




#33
 1,2-Dichloroethane-d4
 Concen: 51.561 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063777.D
 Acq: 1 Oct 2020 17:22

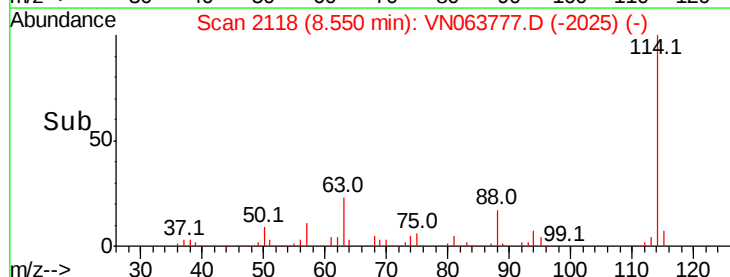
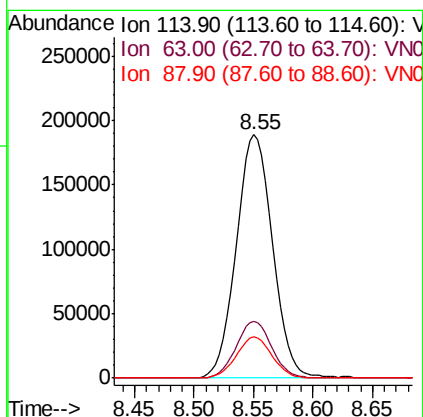
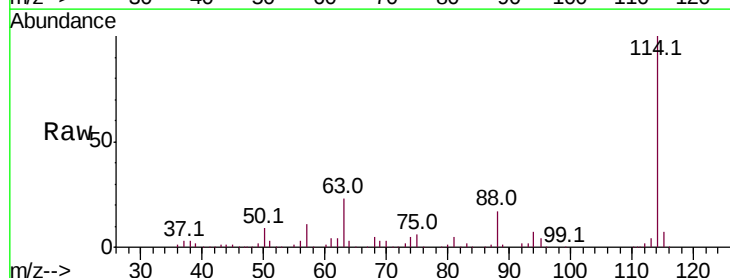
Instrument :
 MSVOA_N
 ClientSampleId :
 PB-2020-WS-000-01

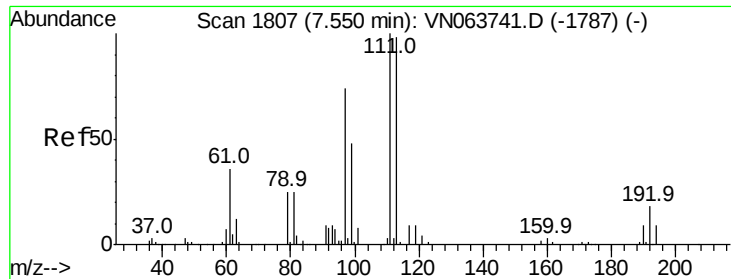
Tot Ion: 65 Resp: 180756
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063777.D
 Acq: 1 Oct 2020 17:22

Tgt Ion: 114 Resp: 399911
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 45.0
 88 17.0 0.0 34.0

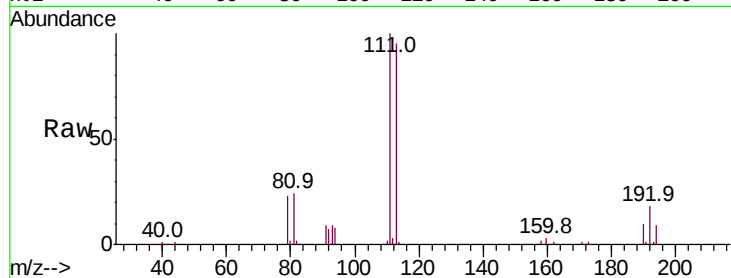




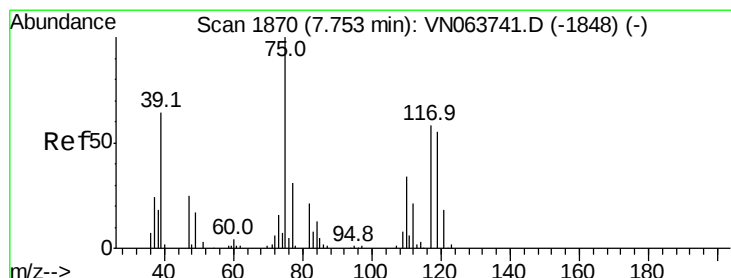
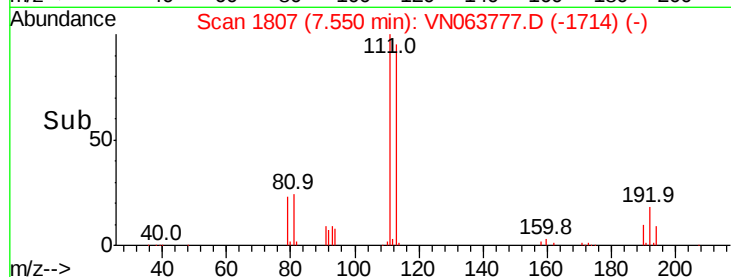
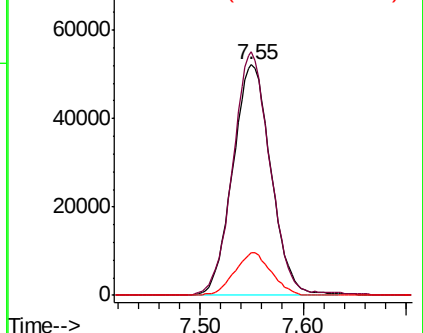
#35
 Dibromofluoromethane
 Concen: 48.454 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063777.D
 Acq: 1 Oct 2020 17:22

Instrument :
 MSVOA_N
 ClientSampleId :
 PB-2020-WS-000-01

Tot Ion:113 Resp: 134454
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.8 122.8
 192 17.7 14.2 21.2

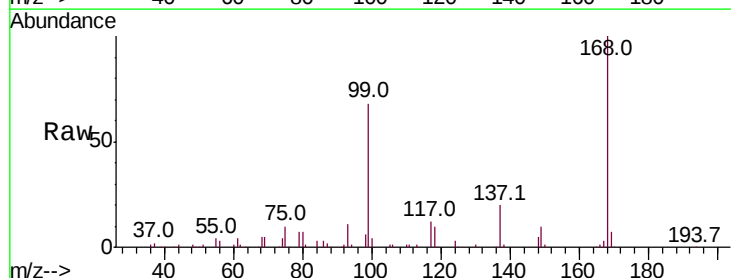


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

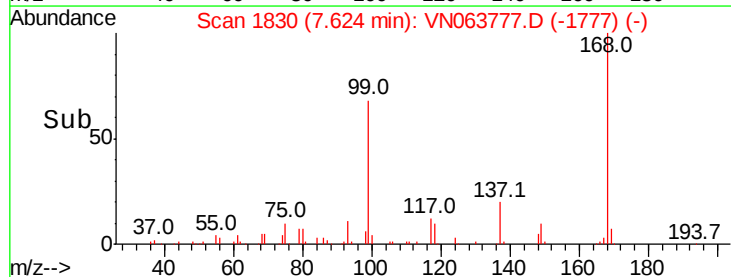
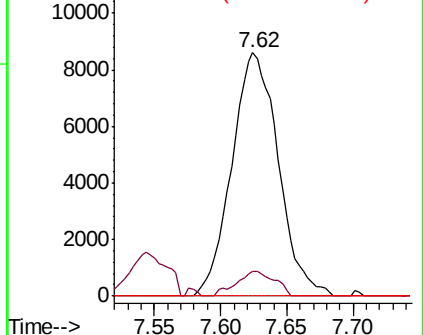


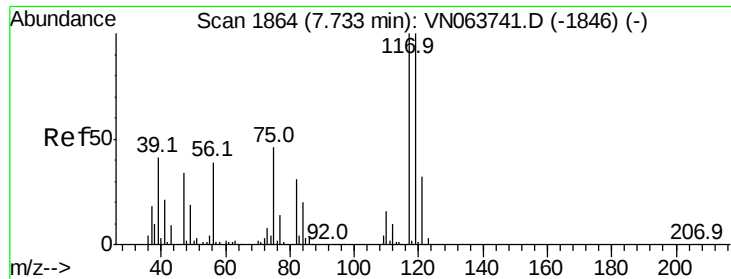
#36
 1,1-Dichloropropene
 Concen: 5.180 ug/l
 RT: 7.62 min Scan# 1830
 Delta R.T. -0.13 min
 Lab File: VN063777.D
 Acq: 1 Oct 2020 17:22

Tgt Ion: 75 Resp: 20988
 Ion Ratio Lower Upper
 75 100
 110 8.4 16.9 50.6#
 77 0.0 24.5 36.7#



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





#38

Carbon Tetrachloride

Concen: 5.262 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.11 min

Lab File: VN063777.D

Acq: 1 Oct 2020 17:22

Instrument :

MSVOA_N

ClientSampleId :

PB-2020-WS-000-01

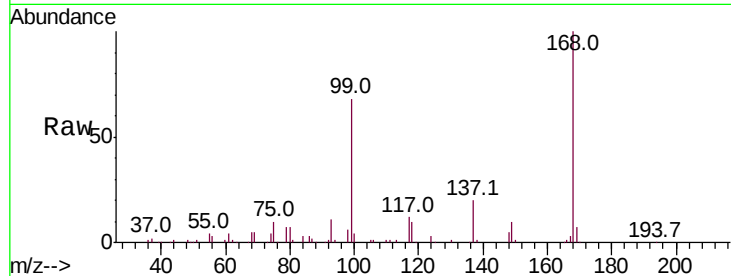
Tot Ion:117 Resp: 23904

Ion Ratio Lower Upper

117 100

119 4.0 80.1 120.1#

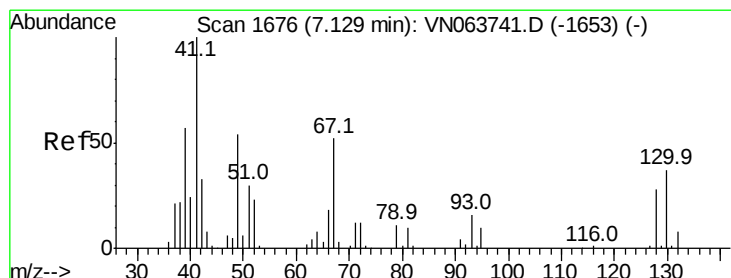
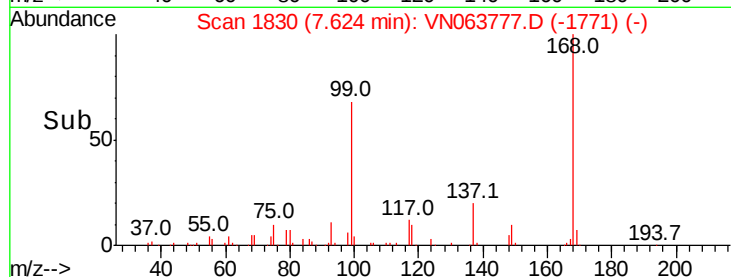
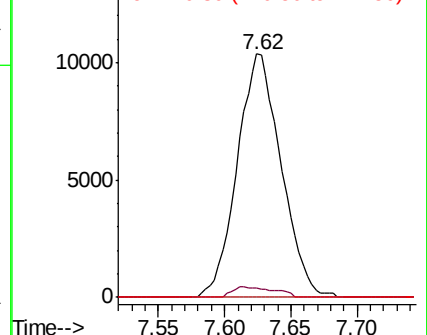
121 0.0 25.7 38.5#



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: 0.244 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. 0.04 min

Lab File: VN063777.D

Acq: 1 Oct 2020 17:22

Tgt Ion: 41 Resp: 436

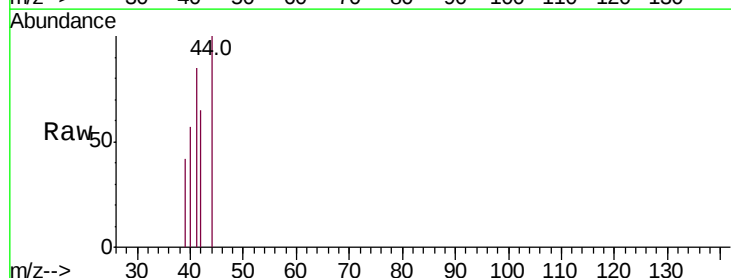
Ion Ratio Lower Upper

41 100

39 48.9 42.5 63.7

67 0.0 57.4 86.2#

52 0.0 26.9 40.3#

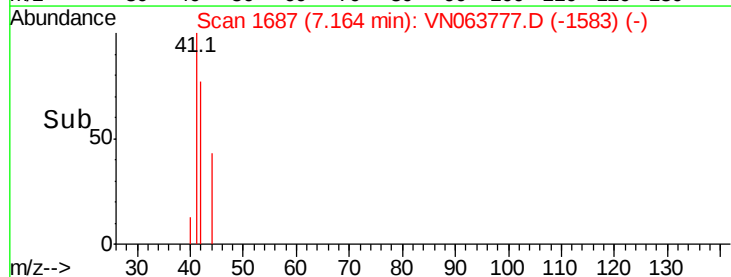
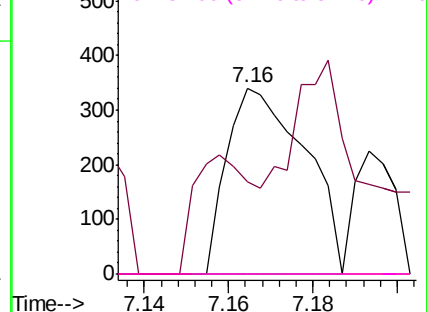


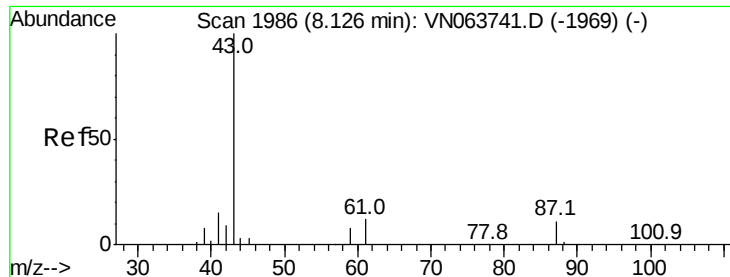
Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO





#43

Isopropyl Acetate

Concen: 10.863 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN063777.D

Acq: 1 Oct 2020 17:22

Instrument :

MSVOA_N

ClientSampleId :

PB-2020-WS-000-01

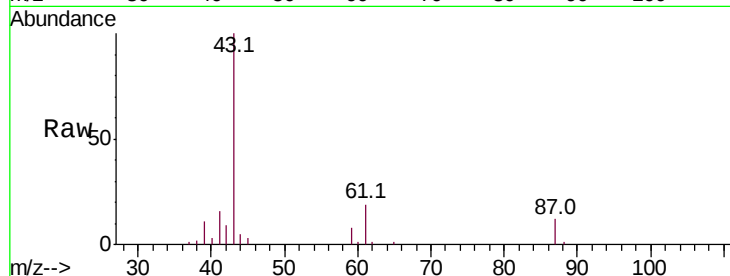
Tot Ion: 43 Resp: 72121

Ion Ratio Lower Upper

43 100

61 17.7 14.2 21.4

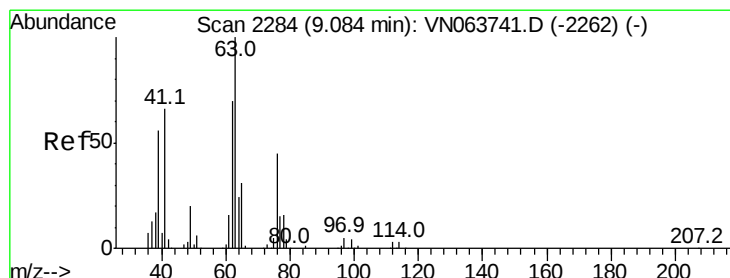
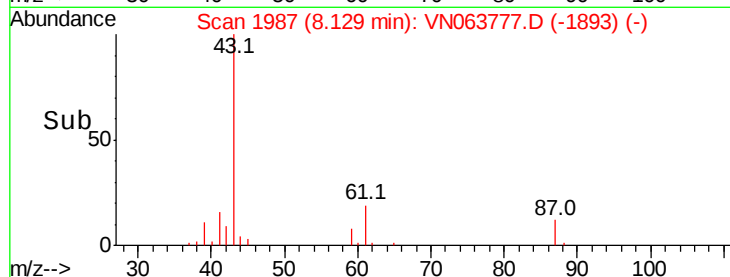
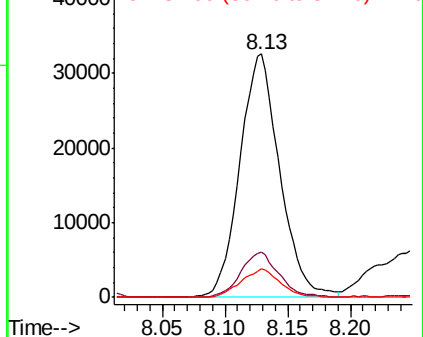
87 11.5 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#45

1,2-Dichloropropane

Concen: 0.387 ug/l

RT: 9.23 min Scan# 2330

Delta R.T. 0.15 min

Lab File: VN063777.D

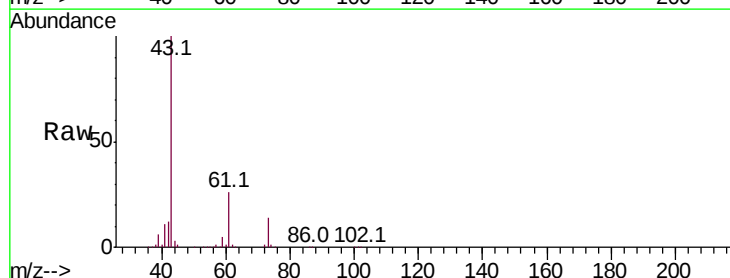
Acq: 1 Oct 2020 17:22

Tgt Ion: 63 Resp: 1208

Ion Ratio Lower Upper

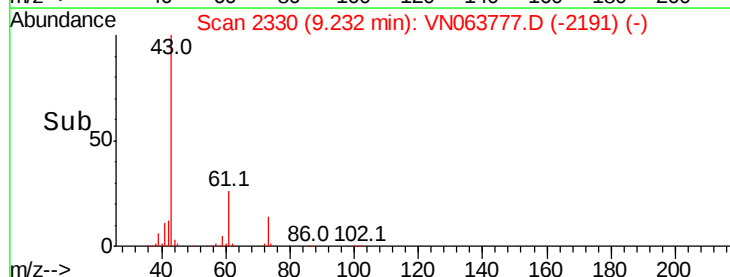
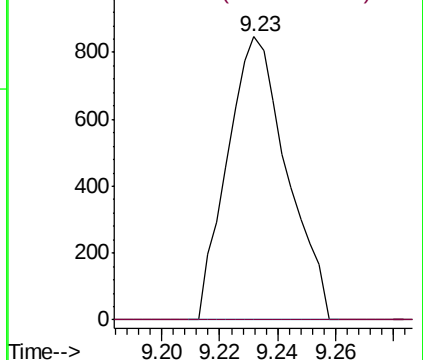
63 100

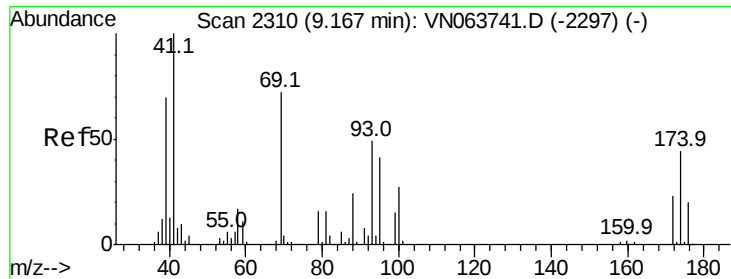
65 0.0 24.7 37.1#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

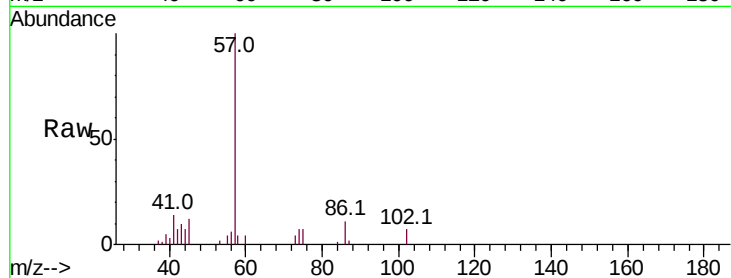




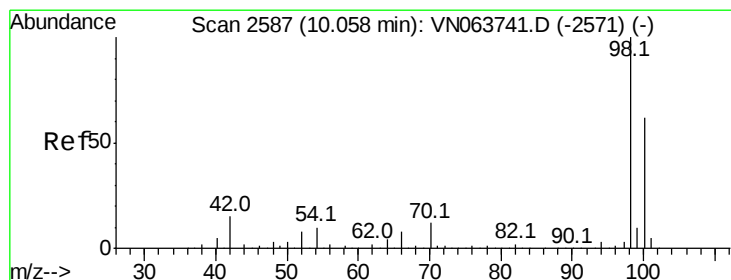
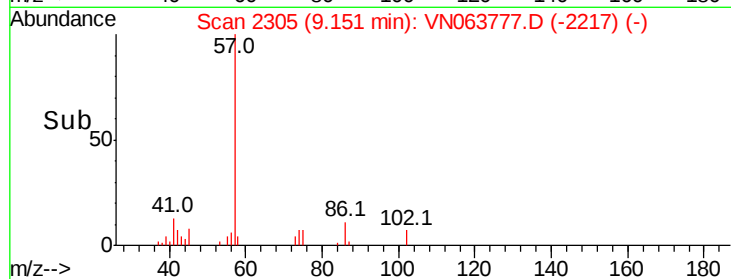
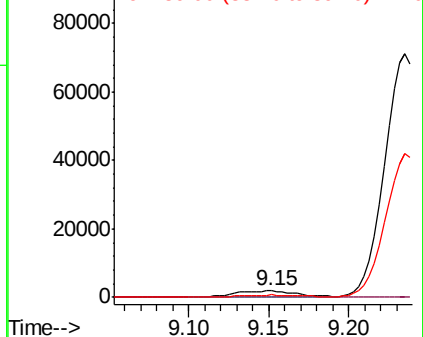
#48
Methvl methacrylate
Concen: 1.593 ug/l
RT: 9.15 min Scan# 2305
Delta R.T. -0.02 min
Lab File: VN063777.D
Acq: 1 Oct 2020 17:22

Instrument :
MSVOA_N
ClientSampleId :
PB-2020-WS-000-01

Tot Ion: 41 Resp: 5226
Ion Ratio Lower Upper
41 100
69 0.0 60.9 91.3#
39 0.0 57.5 86.3#

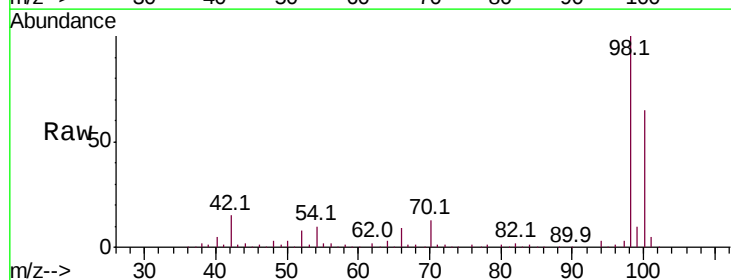


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

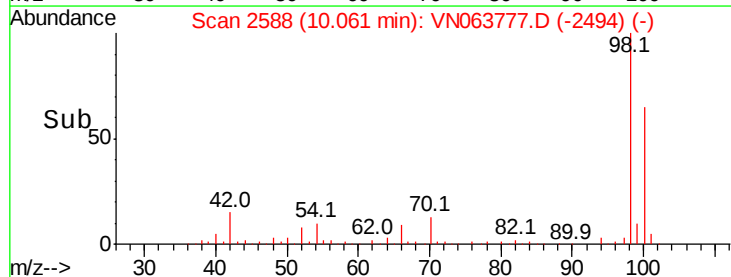
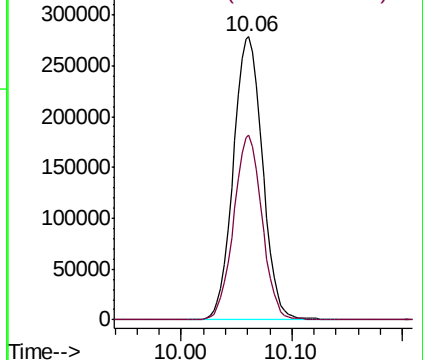


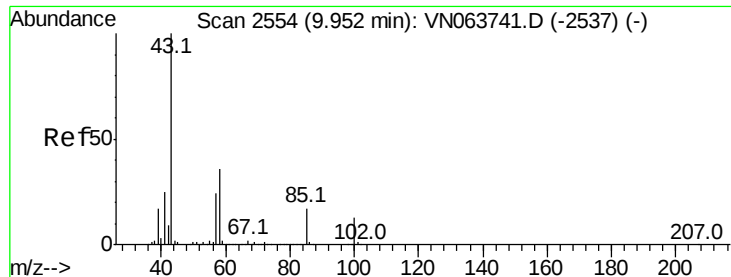
#50
Toluene-d8
Concen: 48.627 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063777.D
Acq: 1 Oct 2020 17:22

Tgt Ion: 98 Resp: 511525
Ion Ratio Lower Upper
98 100
100 63.7 49.8 74.6



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: 2.412 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063777.D

Acq: 1 Oct 2020 17:22

Instrument :

MSVOA_N

ClientSampleId :

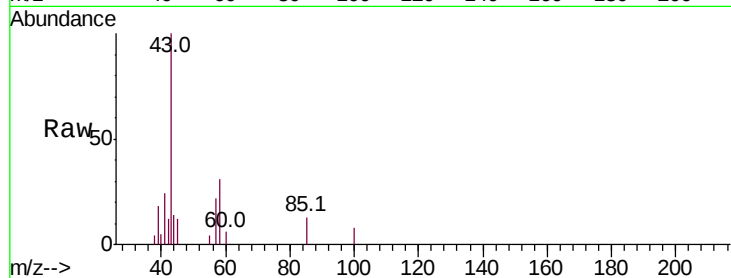
PB-2020-WS-000-01

Tot Ion: 43 Resp: 9398

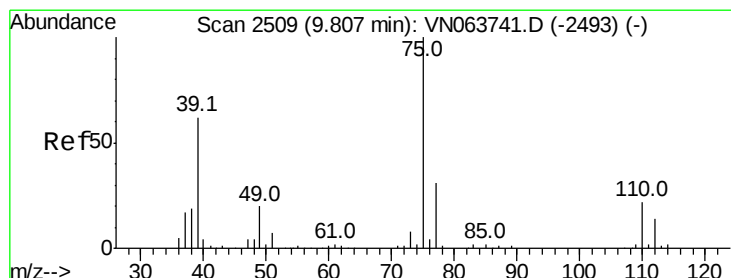
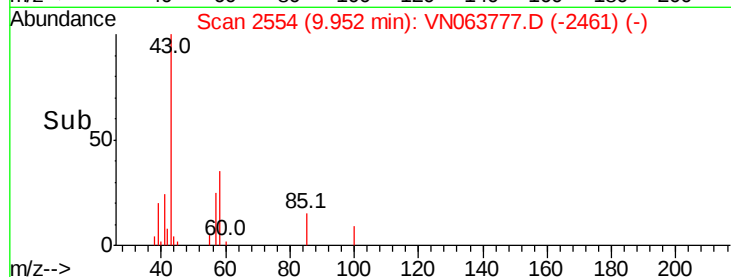
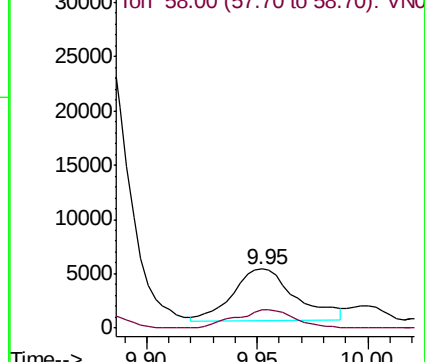
Ion Ratio Lower Upper

43 100

58 34.4 28.4 42.6



Abundance Ion 43.00 (42.70 to 43.70): VN063777.D (-2461) (-)



#54

cis-1,3-Dichloropropene

Concen: 5.562 ug/l

RT: 9.87 min Scan# 2530

Delta R.T. 0.07 min

Lab File: VN063777.D

Acq: 1 Oct 2020 17:22

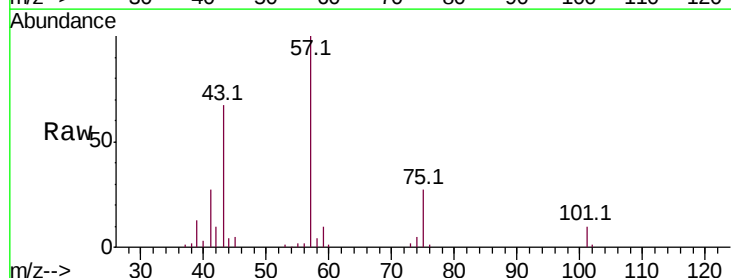
Tgt Ion: 75 Resp: 27705

Ion Ratio Lower Upper

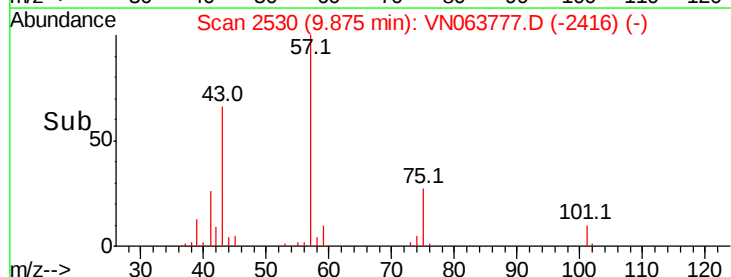
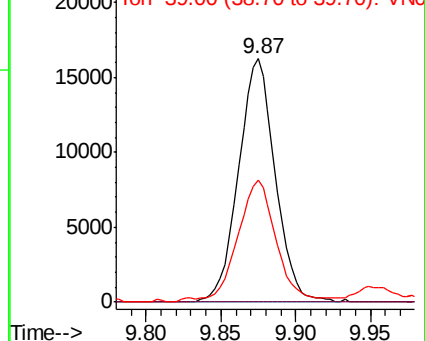
75 100

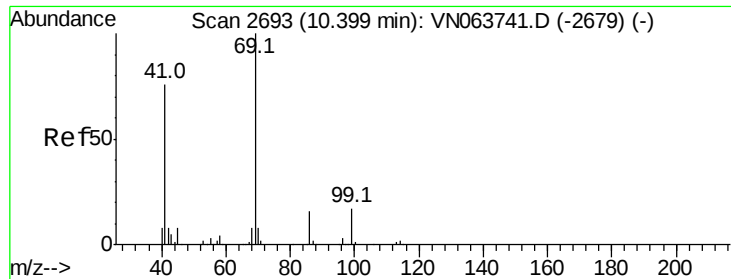
77 0.0 24.6 36.8#

39 48.2 49.7 74.5#



Abundance Ion 74.90 (74.60 to 75.60): VN063777.D (-2416) (-)





#56

Ethyl methacrylate

Concen: 0.334 ug/l

RT: 10.52 min Scan# 2730

Delta R.T. 0.12 min

Lab File: VN063777.D

Acq: 1 Oct 2020 17:22

Instrument :

MSVOA_N

ClientSampleId :

PB-2020-WS-000-01

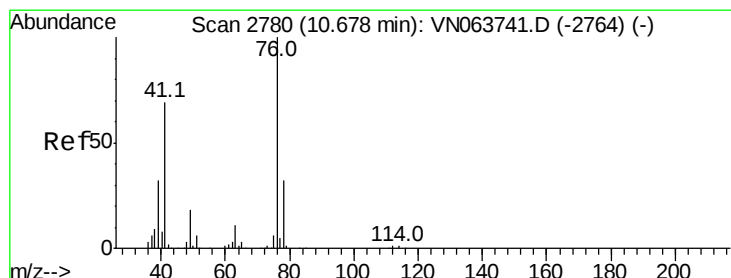
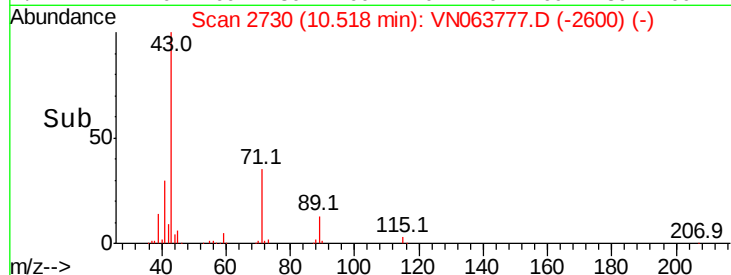
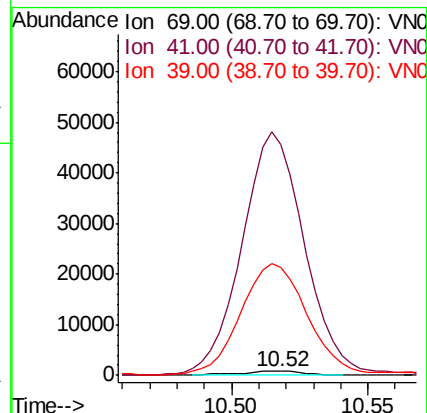
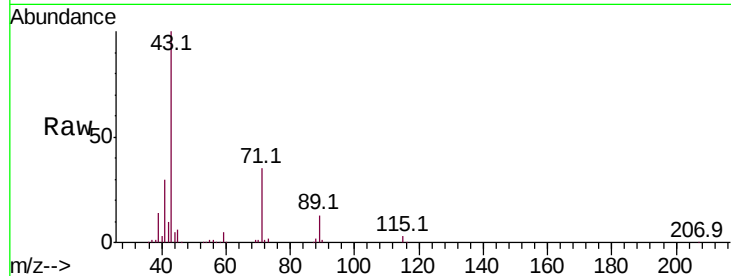
Tot Ion: 69 Resp: 1357

Ion Ratio Lower Upper

69 100

41 5734.9 61.1 91.7#

39 2819.1 42.2 63.4#



#57

1,3-Dichloropropane

Concen: 0.939 ug/l

RT: 10.74 min Scan# 2798

Delta R.T. 0.06 min

Lab File: VN063777.D

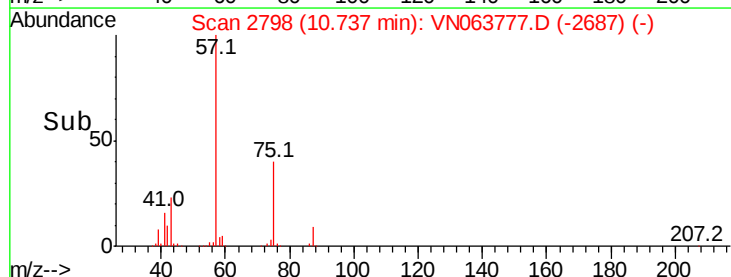
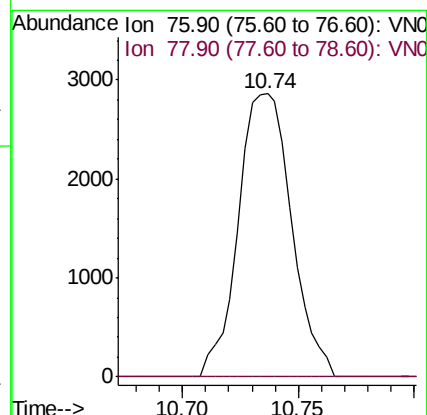
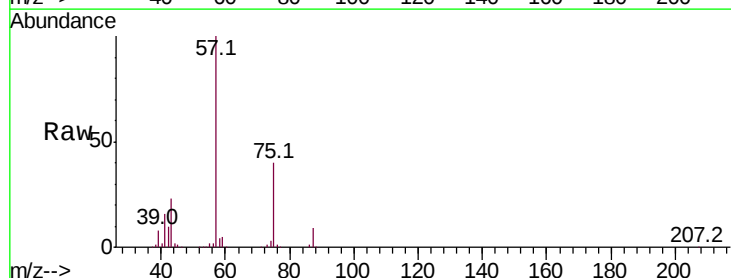
Acq: 1 Oct 2020 17:22

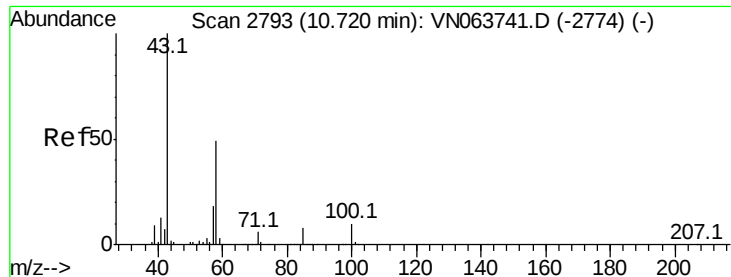
Tgt Ion: 76 Resp: 4559

Ion Ratio Lower Upper

76 100

78 0.0 25.2 37.8#

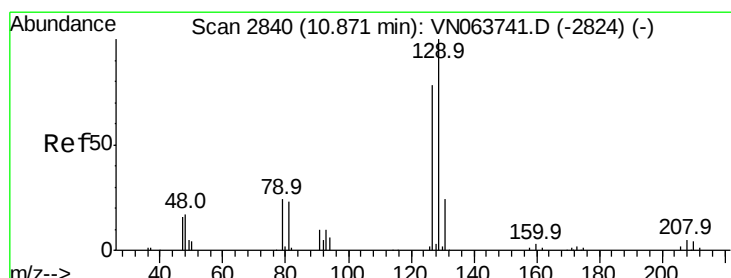
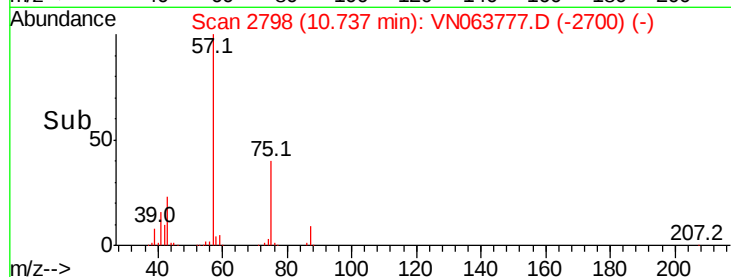
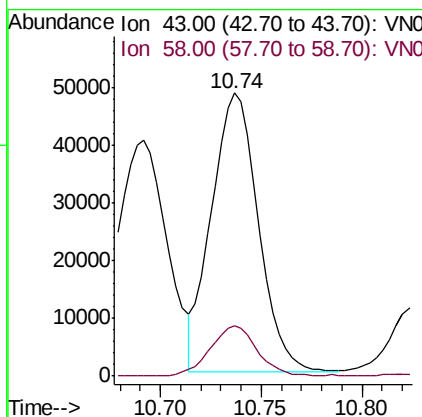
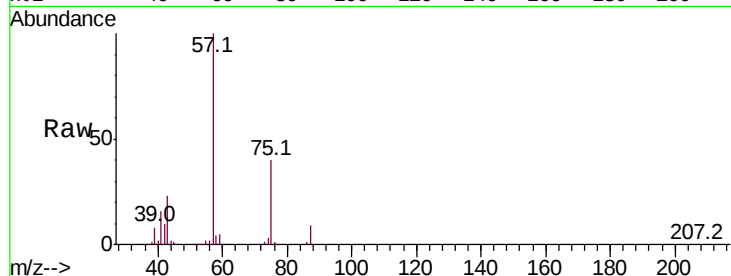




#59
2-Hexanone
Concen: 27.059 ug/l
RT: 10.74 min Scan# 2798
Delta R.T. 0.02 min
Lab File: VN063777.D
Acq: 1 Oct 2020 17:22

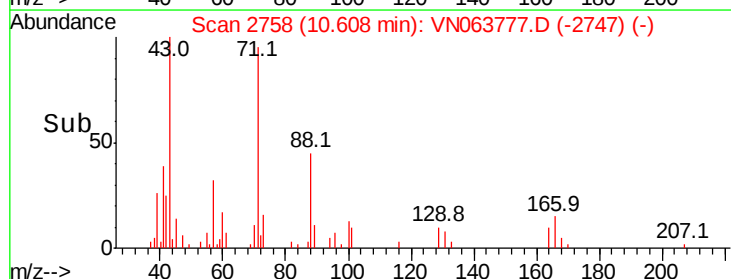
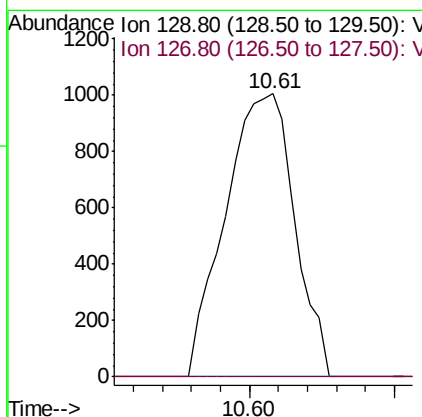
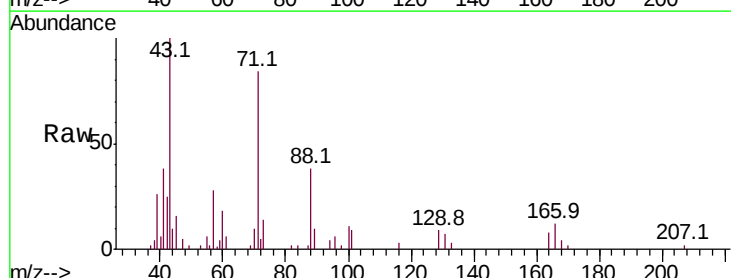
Instrument :
MSVOA_N
ClientSampleId :
PB-2020-WS-000-01

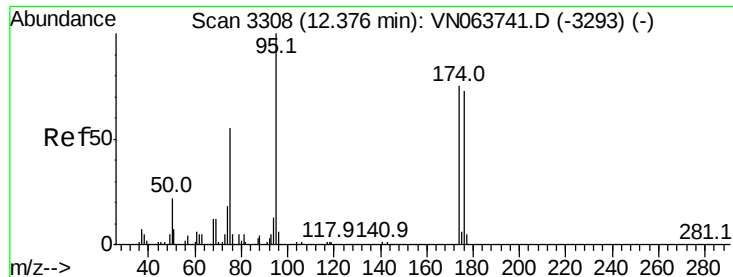
Tot Ion: 43 Resp: 78320
Ion Ratio Lower Upper
43 100
58 18.2 24.6 73.8#



#60
Dibromochloromethane
Concen: 0.499 ug/l
RT: 10.61 min Scan# 2758
Delta R.T. -0.26 min
Lab File: VN063777.D
Acq: 1 Oct 2020 17:22

Tgt Ion: 129 Resp: 1668
Ion Ratio Lower Upper
129 100
127 0.0 38.9 116.7#

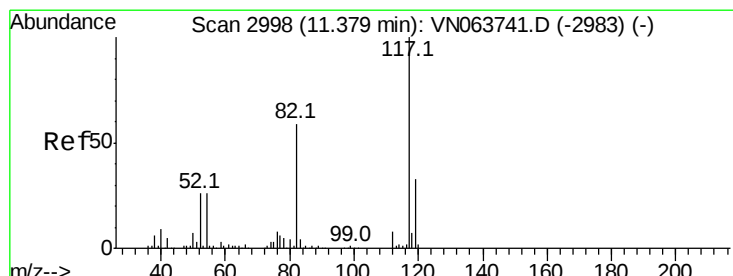
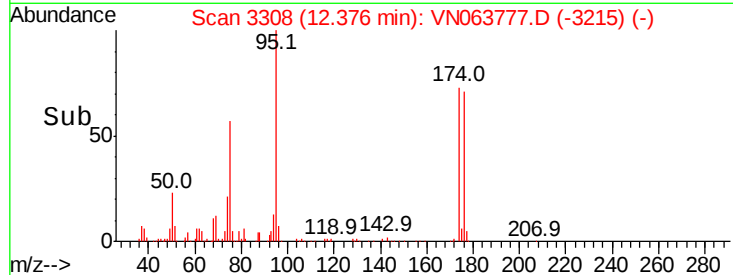
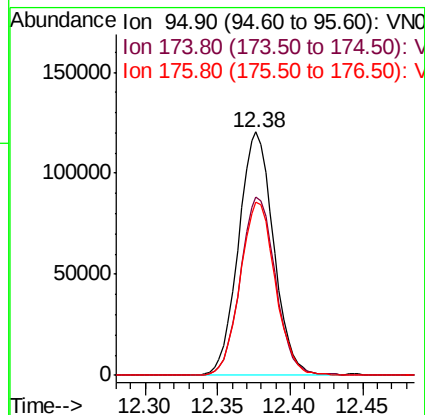
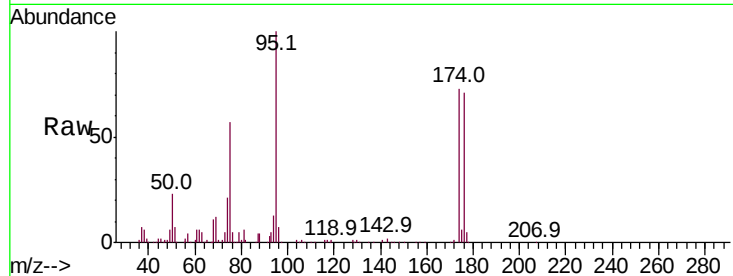




#62
4-Bromofluorobenzene
Concen: 51.273 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN063777.D
Acq: 1 Oct 2020 17:22

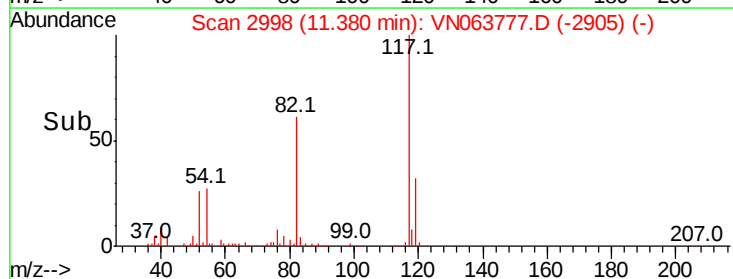
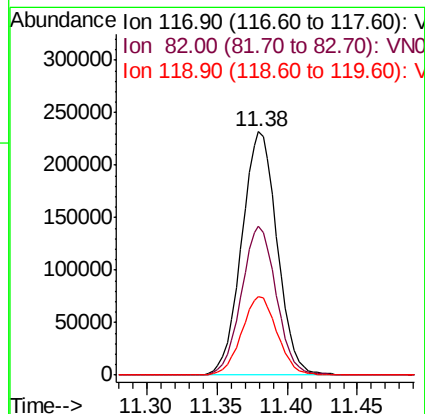
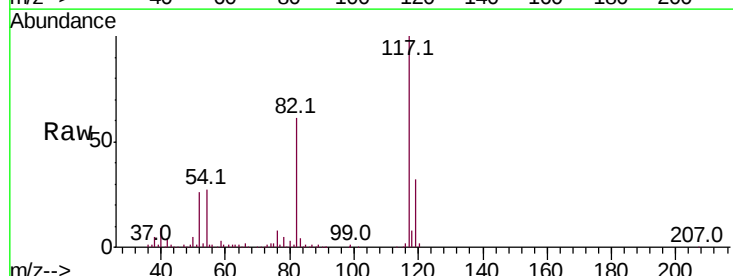
Instrument :
MSVOA_N
ClientSampleId :
PB-2020-WS-000-01

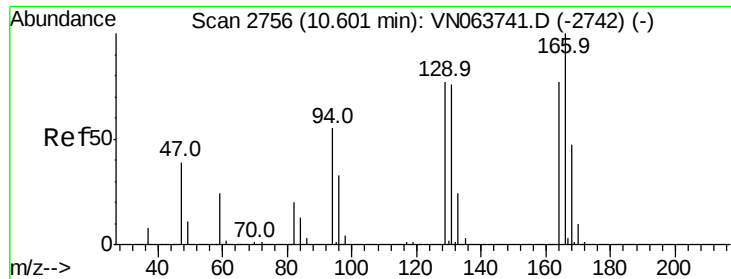
Tot Ion	95	Resp	202749
Ion Ratio	Lower	Upper	
95	100		
174	73.5	0.0	150.6
176	71.6	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063777.D
Acq: 1 Oct 2020 17:22

Tgt Ion	117	Resp	408816
Ion Ratio	Lower	Upper	
117	100		
82	61.0	47.4	71.2
119	32.3	26.4	39.6





#64

Tetrachloroethene

Concen: 0.576 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VN063777.D

Acq: 1 Oct 2020 17:22

Instrument :

MSVOA_N

ClientSampleId :

PB-2020-WS-000-01

Tot Ion:164 Resp: 1822

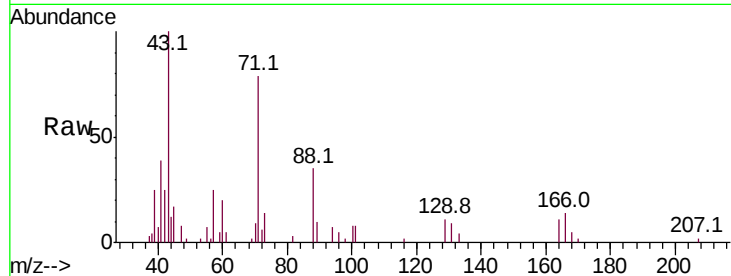
Ion Ratio Lower Upper

164 100

166 131.5 103.9 155.9

129 101.9 80.3 120.5

131 85.8 78.9 118.3

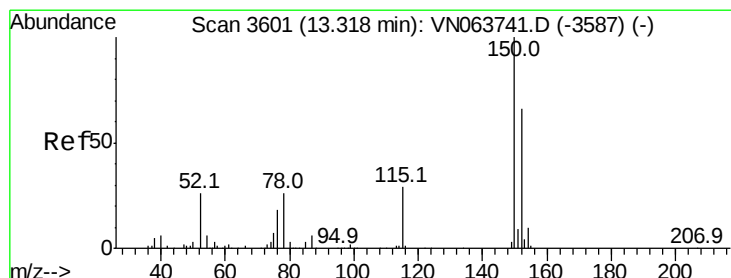
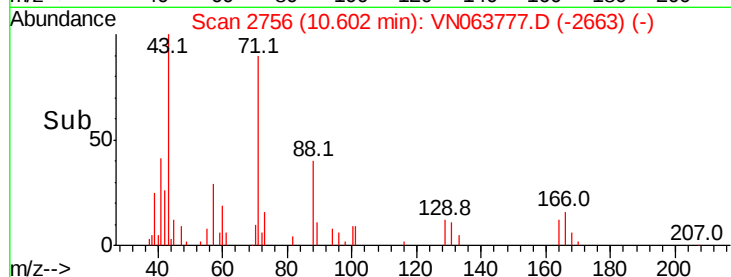
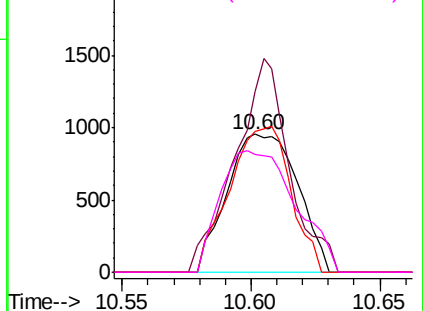


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063777.D

Acq: 1 Oct 2020 17:22

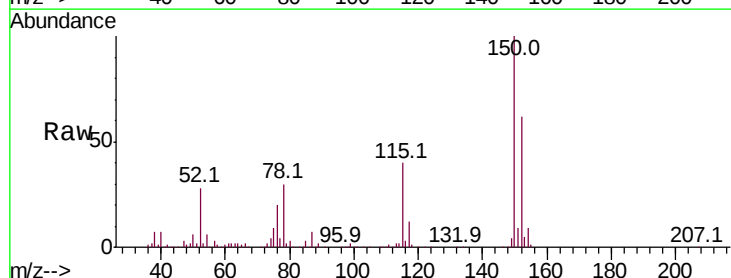
Tgt Ion:152 Resp: 171537

Ion Ratio Lower Upper

152 100

115 63.6 31.3 93.8

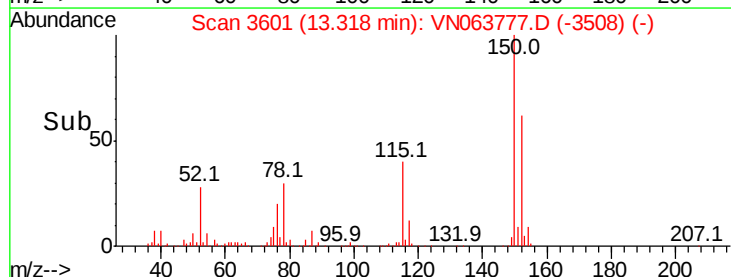
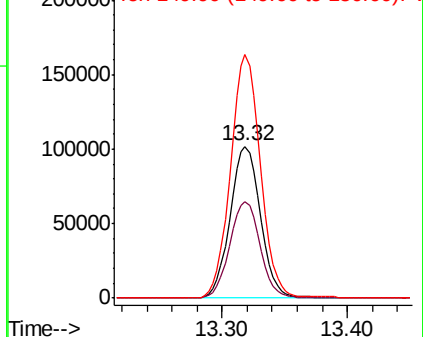
150 158.1 0.0 341.8

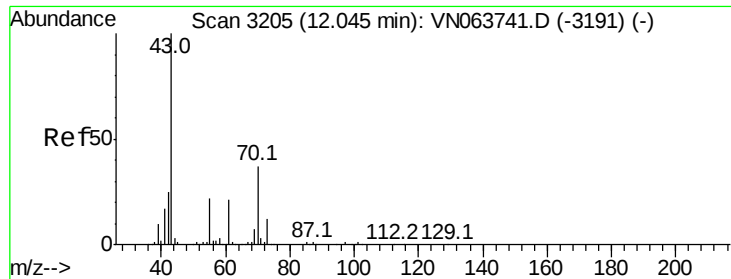


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 2.758 ug/l

RT: 12.01 min Scan# 3195

Delta R.T. -0.03 min

Lab File: VN063777.D

Acq: 1 Oct 2020 17:22

Instrument :

MSVOA_N

ClientSampleId :

PB-2020-WS-000-01

Tot Ion: 43 Resp: 3297

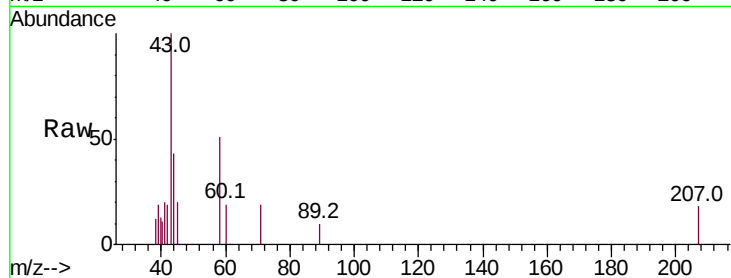
Ion Ratio Lower Upper

43 100

70 0.0 29.8 44.8#

55 3.1 17.9 26.9#

61 0.0 17.0 25.4#

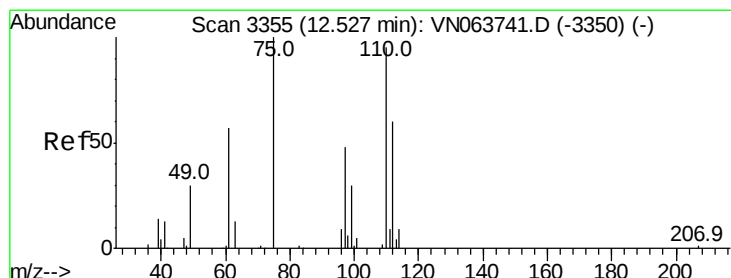
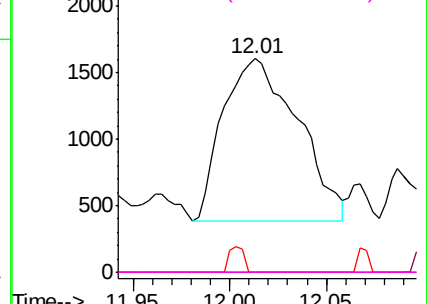
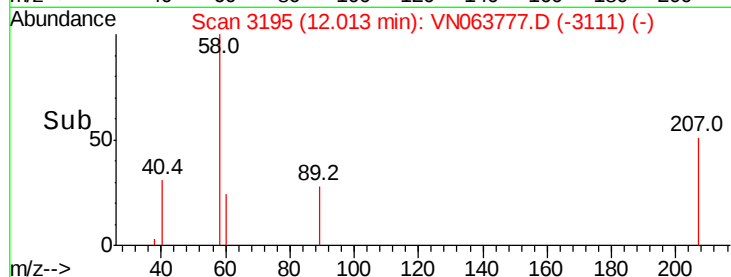


Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 30.579 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063777.D

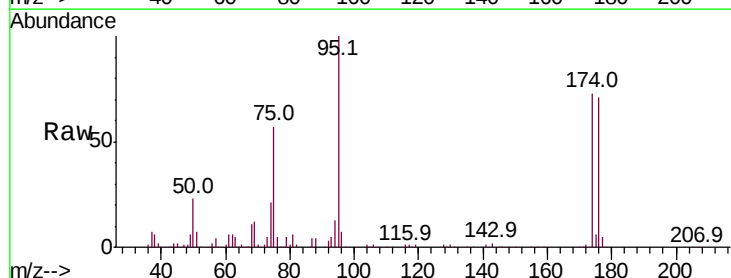
Acq: 1 Oct 2020 17:22

Tgt Ion: 75 Resp: 115631

Ion Ratio Lower Upper

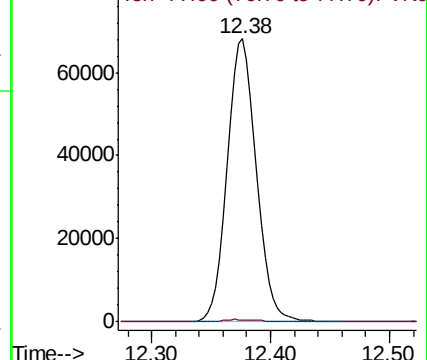
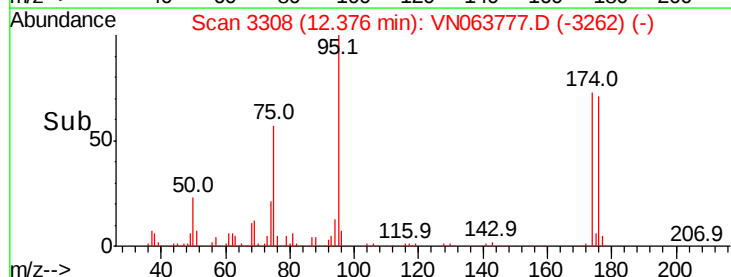
75 100

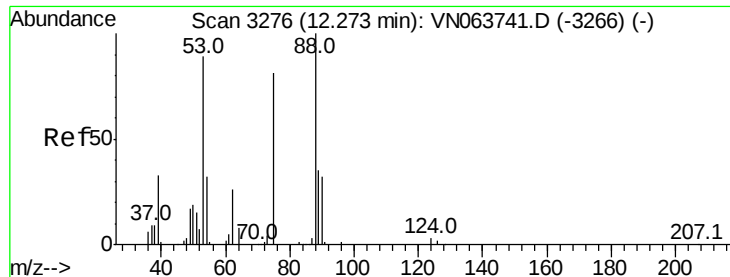
77 0.6 0.0 0.0#



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: 88.073 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063777.D

Acq: 1 Oct 2020 17:22

Instrument :

MSVOA_N

ClientSampleId :

PB-2020-WS-000-01

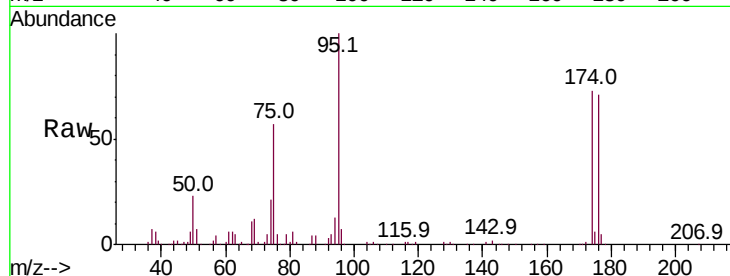
Tot Ion: 75 Resp: 115631

Ion Ratio Lower Upper

75 100

53 0.1 88.2 132.2#

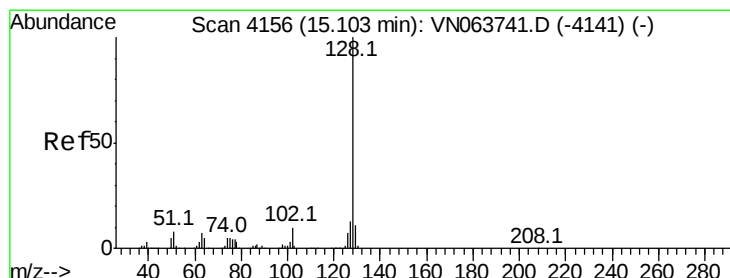
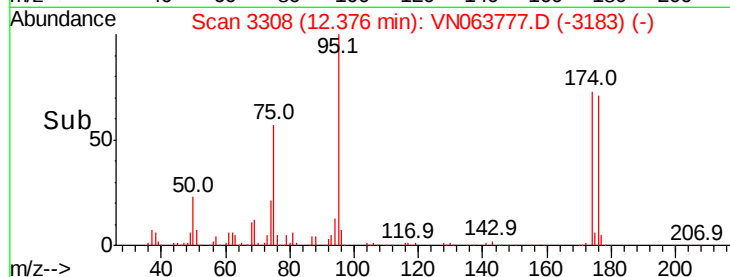
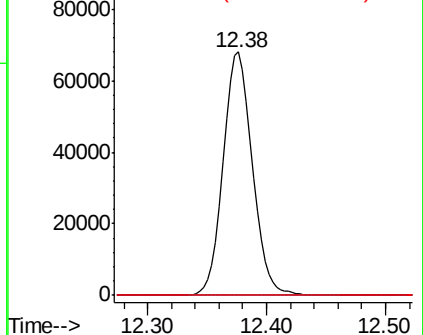
89 0.0 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VN063777.D (-3183) (-)

Ion 53.00 (52.70 to 53.70): VN063777.D (-3183) (-)

Ion 88.90 (88.60 to 89.60): VN063777.D (-3183) (-)



#95

Naphthalene

Concen: 1.942 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063777.D

Acq: 1 Oct 2020 17:22

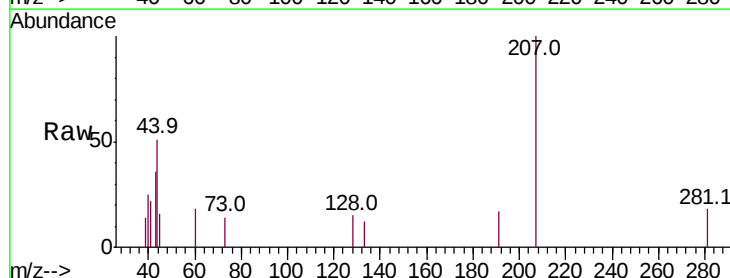
Tgt Ion: 128 Resp: 172

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

129 0.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): VN063777.D (-4062) (-)

Ion 127.00 (126.70 to 127.70): VN063777.D (-4062) (-)

Ion 129.00 (128.70 to 129.70): VN063777.D (-4062) (-)

