

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN120820\
 Data File : VN064960.D
 Acq On : 8 Dec 2020 11:11
 Operator : JC/MD
 Sample : VN1208WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBL01

Quant Time: Dec 08 16:15:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	153937	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	271127	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	275977	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	119695	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		7.98	65	95147	53.17	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	106.34%	
35) Dibromofluoromethane		7.54	113	88100	54.30	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	108.60%	
50) Toluene-d8		10.06	98	342421	51.66	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.32%	
62) 4-Bromofluorobenzene		12.37	95	125057	52.72	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	105.44%	

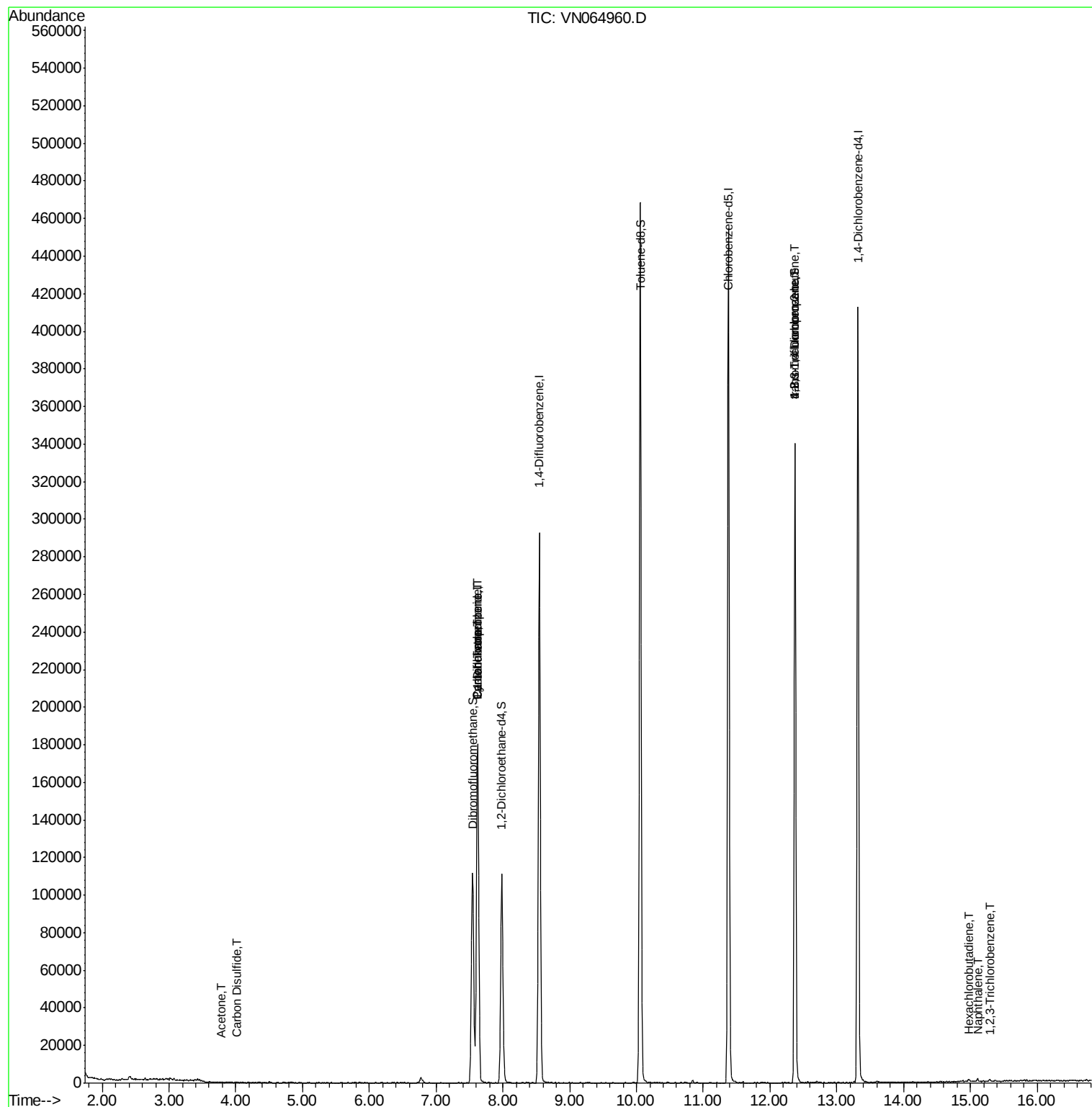
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	145	0.246	ug/l #	43
17) Carbon Disulfide	4.01	76	1062	0.281	ug/l #	75
31) Cyclohexane	7.62	56	2610	1.046	ug/l #	28
36) 1,1-Dichloropropene	7.62	75	11225	4.467	ug/l #	48
38) Carbon Tetrachloride	7.62	117	14461	5.530	ug/l #	17
76) 1,2,3-Trichloropropane	12.37	75	59163	22.952	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.37	75	59163	62.905	ug/l #	15
94) Hexachlorobutadiene	14.97	225	361	0.701	ug/l	79
95) Naphthalene	15.11	128	1979	0.273	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.29	180	588	1.640	ug/l #	69

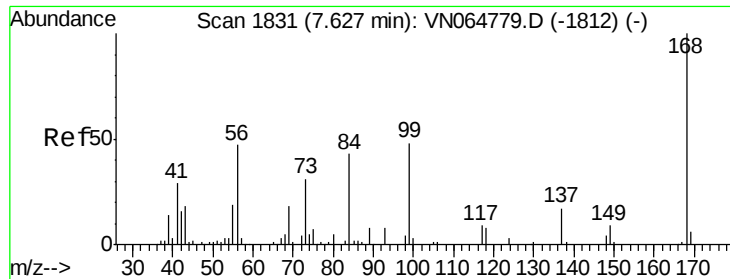
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.01 min

Lab File: VN064960.D

Acq: 8 Dec 2020 11:11

Instrument :

MSVOA_N

ClientSampleId :

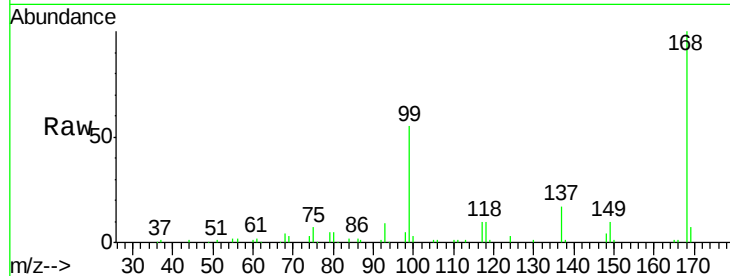
VN1208WBL01

Tgt Ion:168 Resp: 153937

Ion Ratio Lower Upper

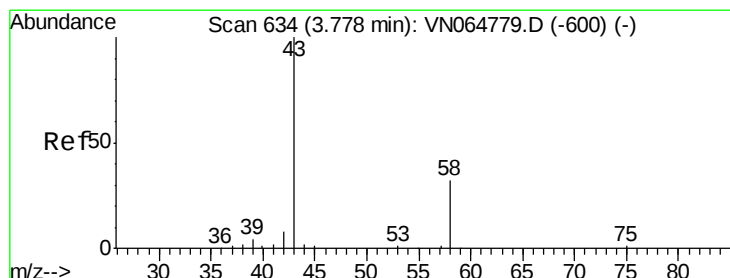
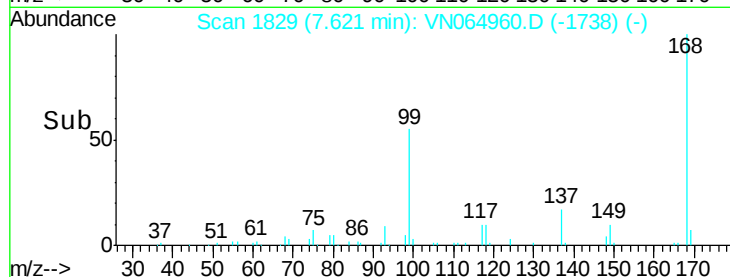
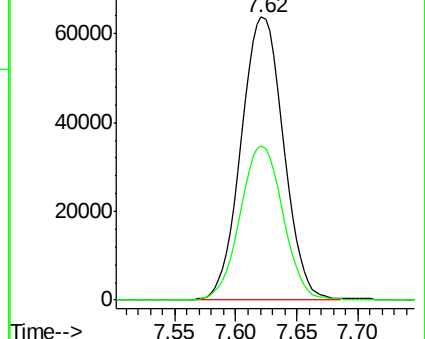
168 100

99 54.5 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 0.246 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064960.D

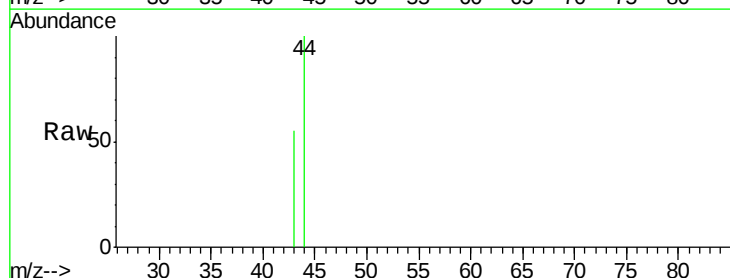
Acq: 8 Dec 2020 11:11

Tgt Ion: 43 Resp: 145

Ion Ratio Lower Upper

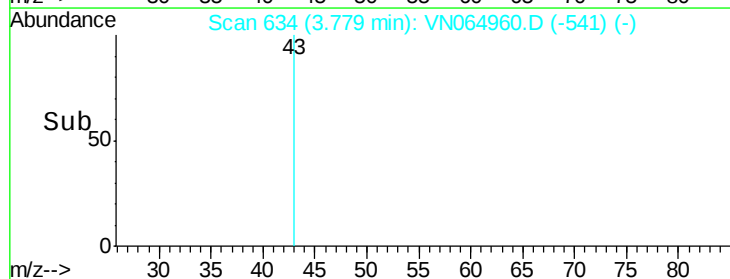
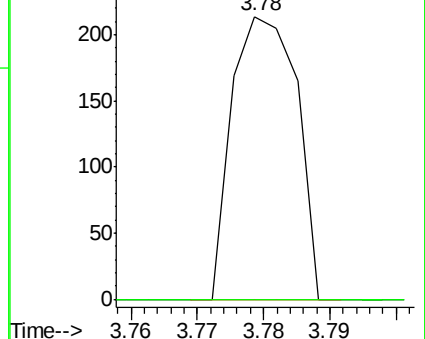
43 100

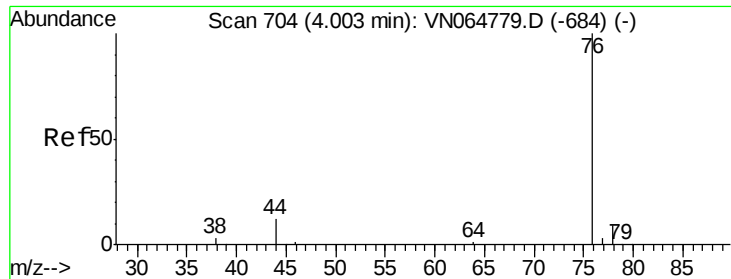
58 0.0 25.7 38.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

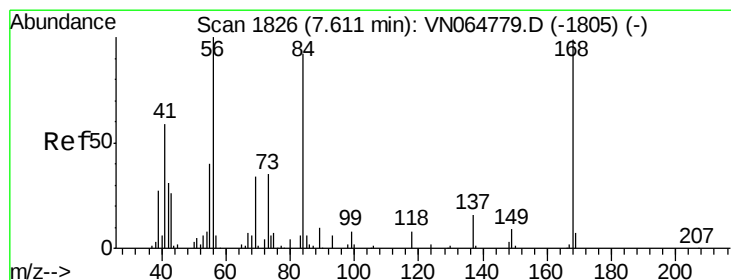
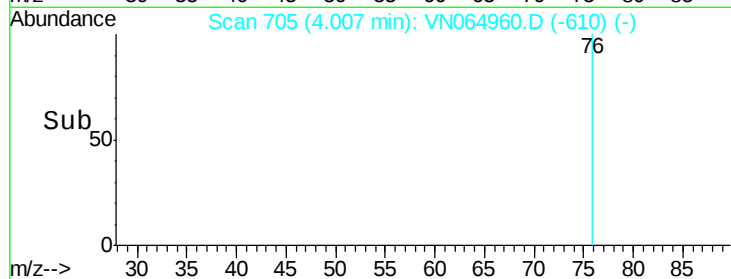
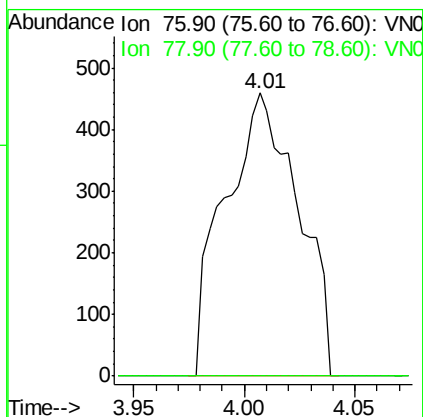
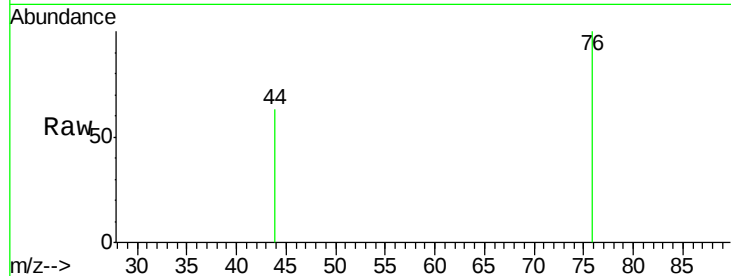




#17
Carbon Disulfide
Concen: 0.281 ug/l
RT: 4.01 min Scan# 705
Delta R.T. 0.00 min
Lab File: VN064960.D
Acq: 8 Dec 2020 11:11

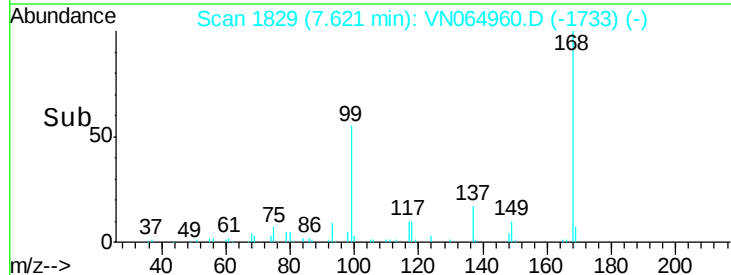
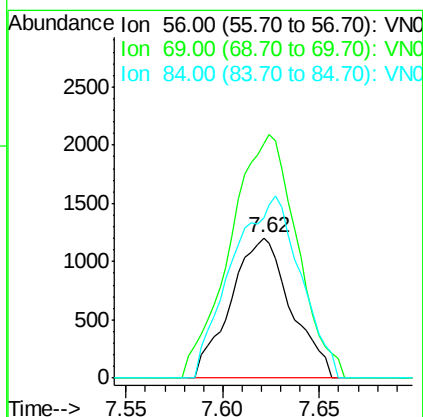
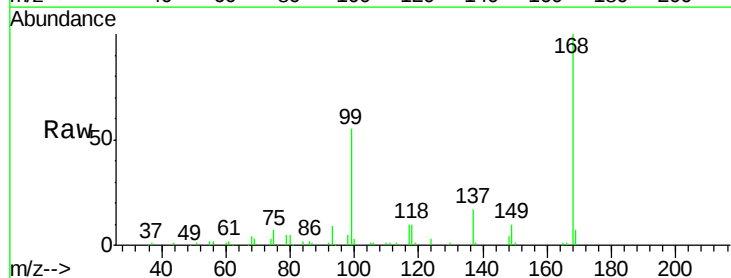
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBL01

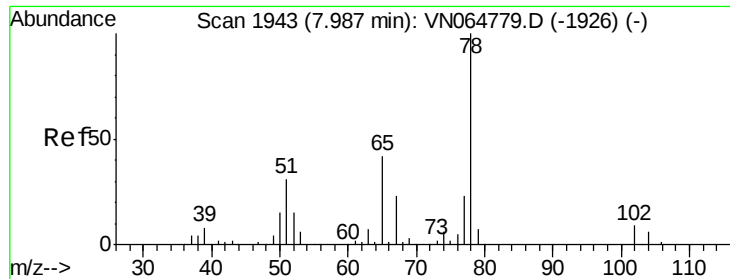
Tgt Ion: 76 Resp: 1062
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#31
Cyclohexane
Concen: 1.046 ug/l
RT: 7.62 min Scan# 1829
Delta R.T. 0.01 min
Lab File: VN064960.D
Acq: 8 Dec 2020 11:11

Tgt Ion: 56 Resp: 2610
Ion Ratio Lower Upper
56 100
69 152.8 27.5 41.3#
84 113.9 73.9 110.9#

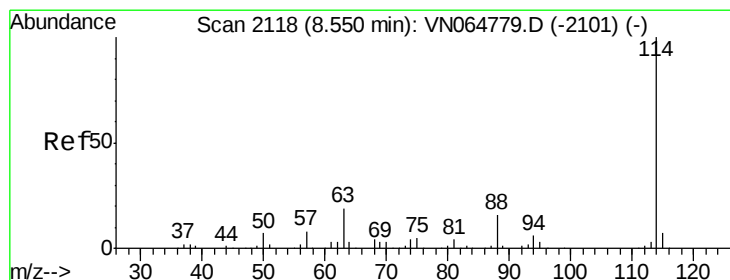
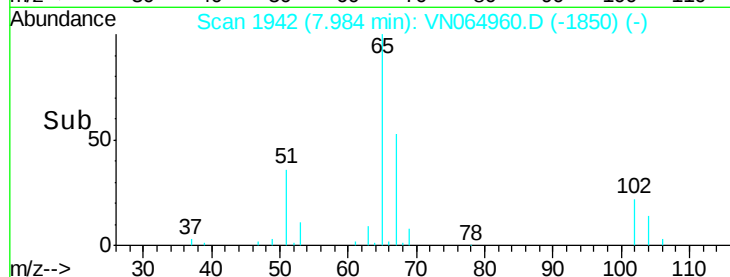
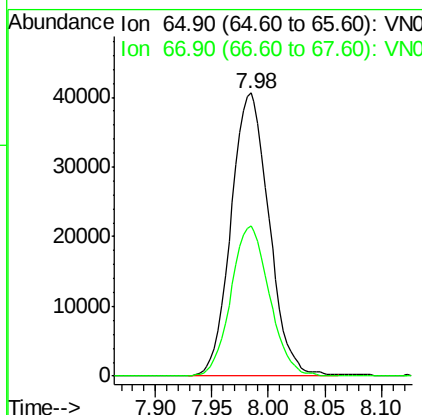
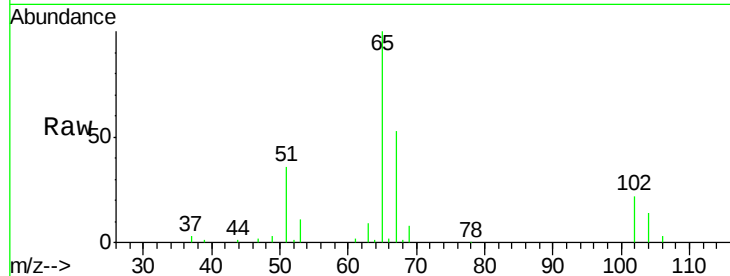




#33
 1,2-Dichloroethane-d4
 Concen: 53.166 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064960.D
 Acq: 8 Dec 2020 11:11

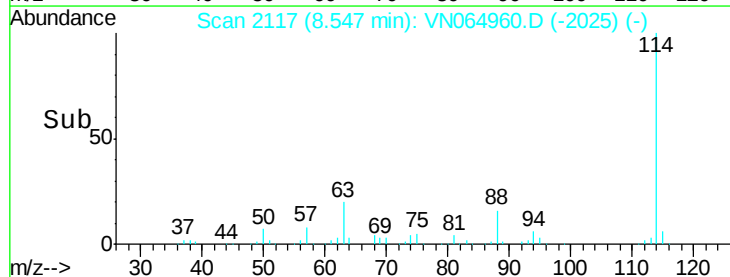
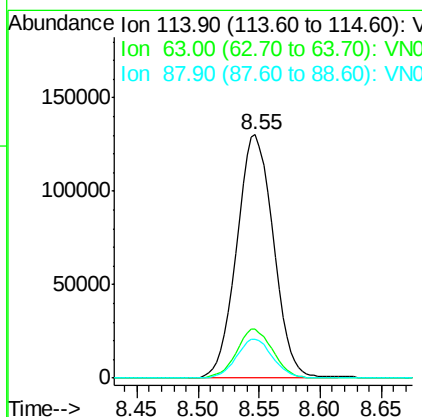
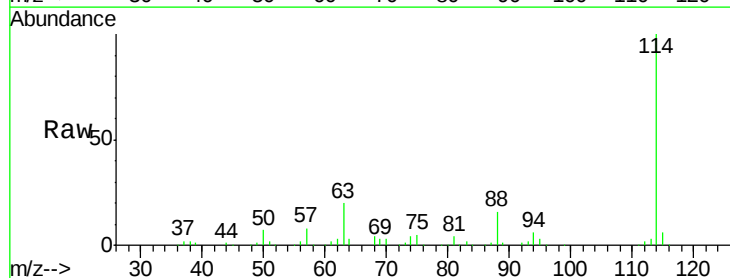
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBL01

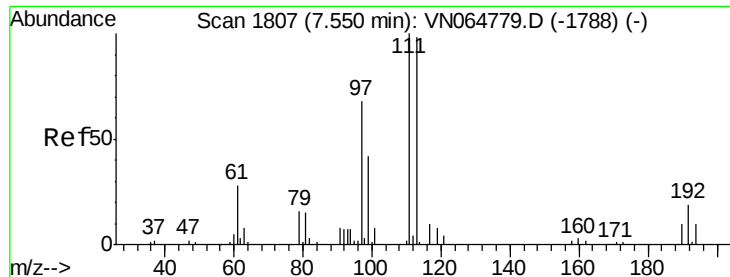
Tgt Ion: 65 Resp: 95147
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064960.D
 Acq: 8 Dec 2020 11:11

Tgt Ion: 114 Resp: 271127
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 38.6
 88 16.1 0.0 32.6

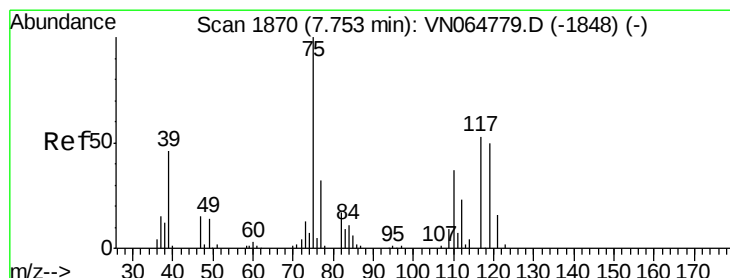
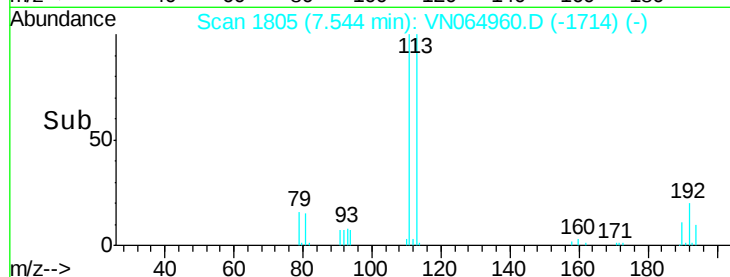
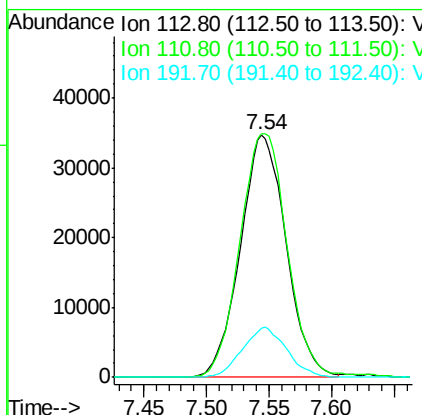
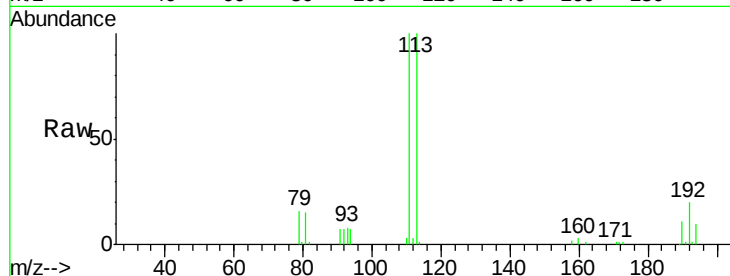




#35
 Dibromofluoromethane
 Concen: 54.304 ug/l
 RT: 7.54 min Scan# 1805
 Delta R.T. -0.01 min
 Lab File: VN064960.D
 Acq: 8 Dec 2020 11:11

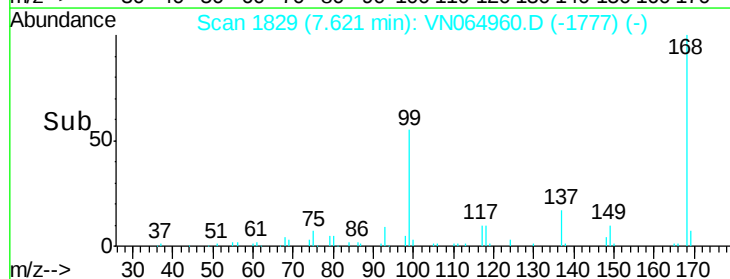
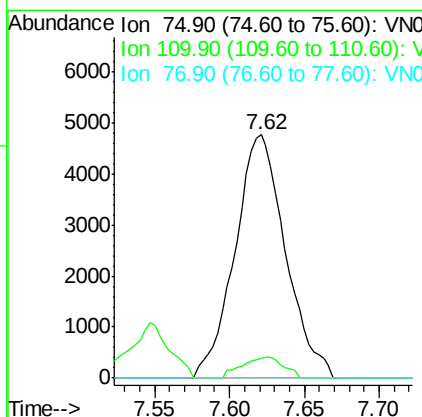
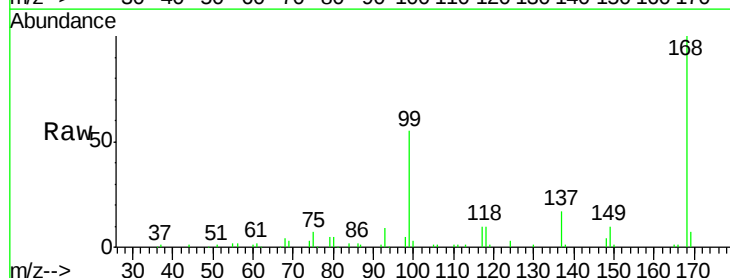
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBL01

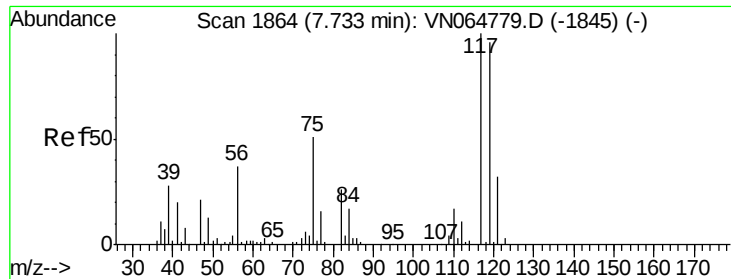
Tgt Ion:113 Resp: 88100
 Ion Ratio Lower Upper
 113 100
 111 104.3 81.6 122.4
 192 20.0 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 4.467 ug/l
 RT: 7.62 min Scan# 1829
 Delta R.T. -0.13 min
 Lab File: VN064960.D
 Acq: 8 Dec 2020 11:11

Tgt Ion: 75 Resp: 11225
 Ion Ratio Lower Upper
 75 100
 110 7.0 17.8 53.3#
 77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.530 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.11 min

Lab File: VN064960.D

Acq: 8 Dec 2020 11:11

Instrument :

MSVOA_N

ClientSampled :

VN1208WBL01

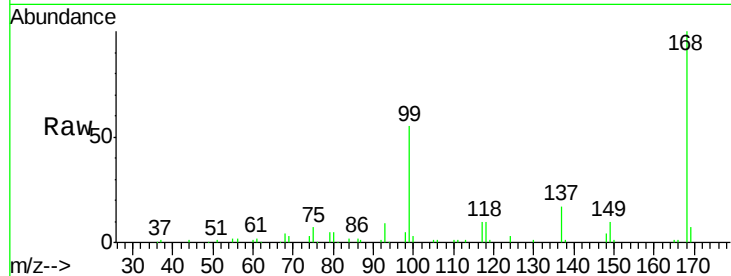
Tgt Ion:117 Resp: 14461

Ion Ratio Lower Upper

117 100

119 6.9 76.7 115.1#

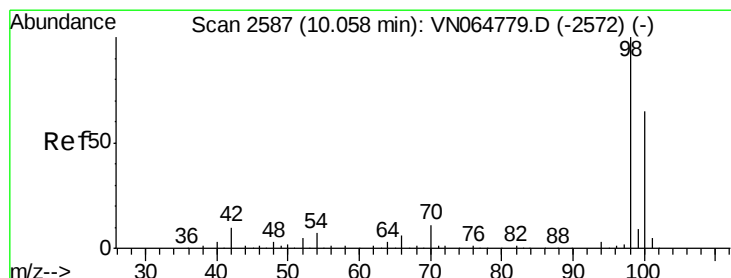
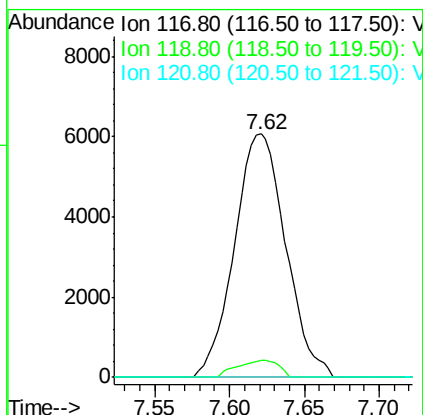
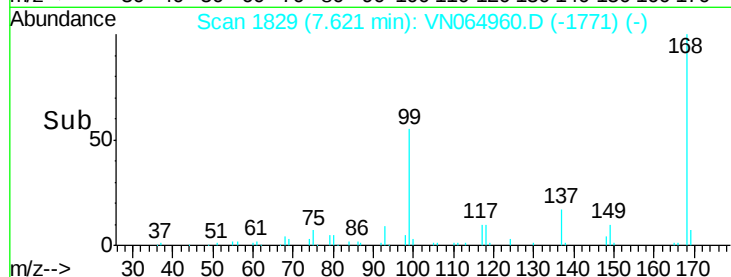
121 0.0 25.4 38.2#



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



#50

Toluene-d8

Concen: 51.657 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064960.D

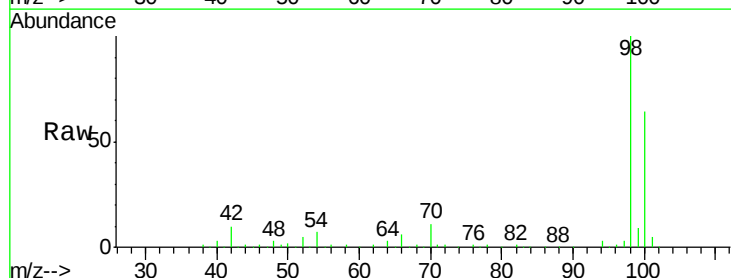
Acq: 8 Dec 2020 11:11

Tgt Ion: 98 Resp: 342421

Ion Ratio Lower Upper

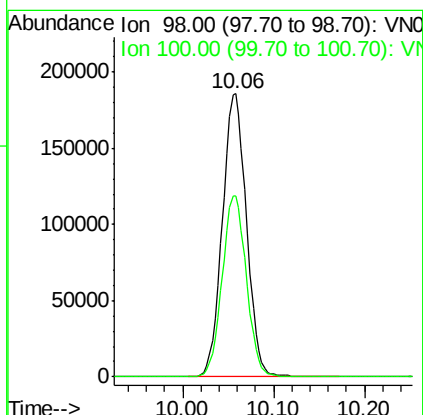
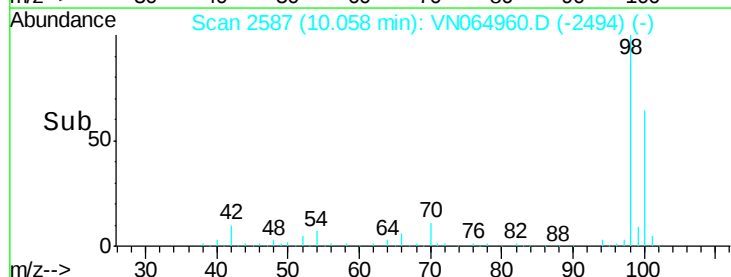
98 100

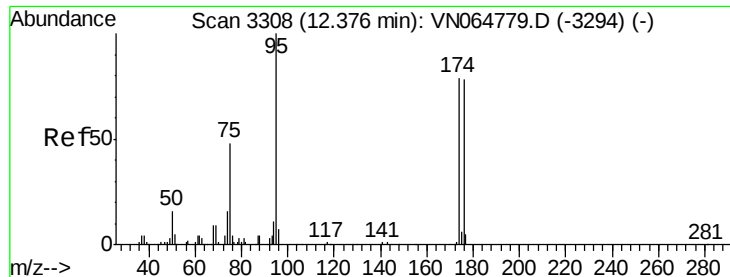
100 64.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 52.716 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064960.D

Acq: 8 Dec 2020 11:11

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBL01

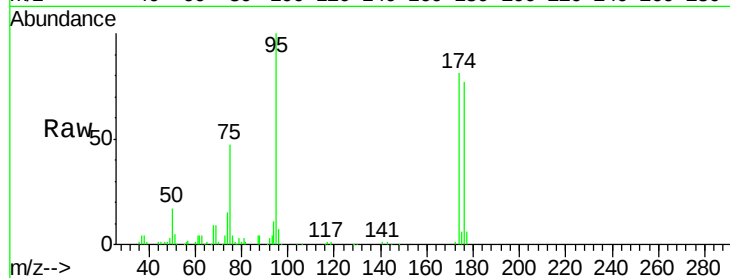
Tgt Ion: 95 Resp: 125057

Ion Ratio Lower Upper

95 100

174 81.8 0.0 160.4

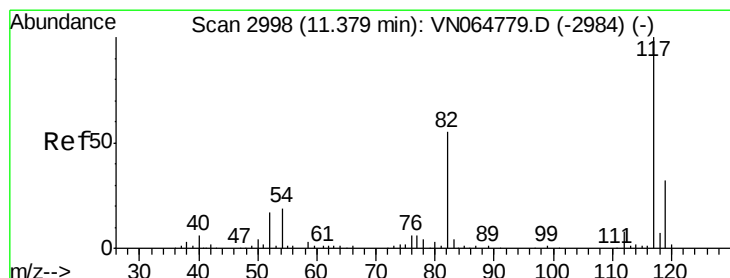
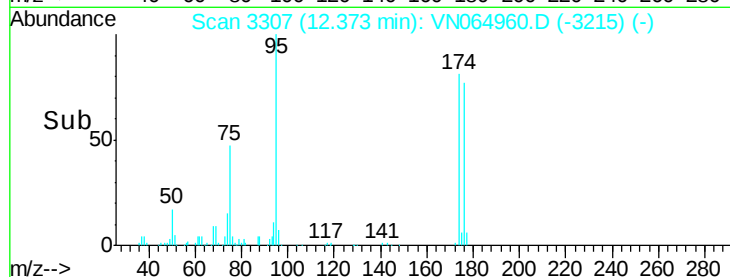
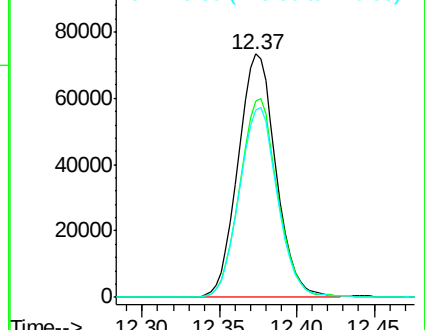
176 78.8 0.0 158.4



Abundance Ion 94.90 (94.60 to 95.60): VN064779.D (-3294) (-)

Ion 173.80 (173.50 to 174.50): VN064779.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN064779.D (-3294) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2997

Delta R.T. -0.00 min

Lab File: VN064960.D

Acq: 8 Dec 2020 11:11

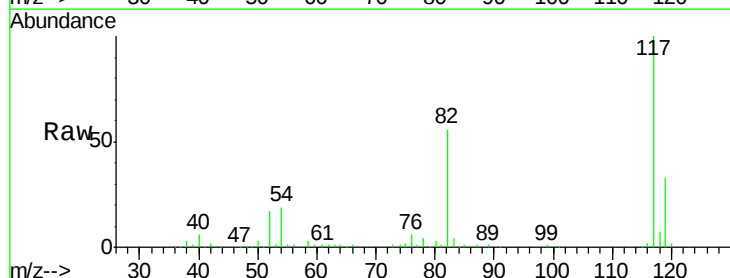
Tgt Ion: 117 Resp: 275977

Ion Ratio Lower Upper

117 100

82 55.8 44.2 66.2

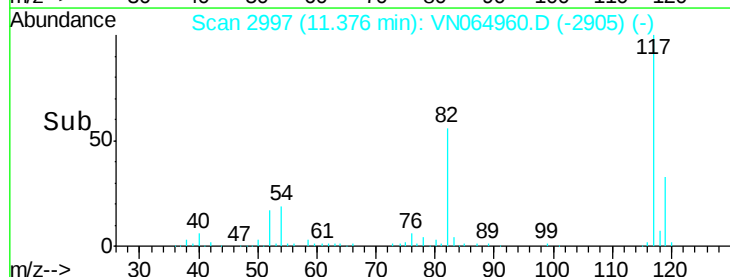
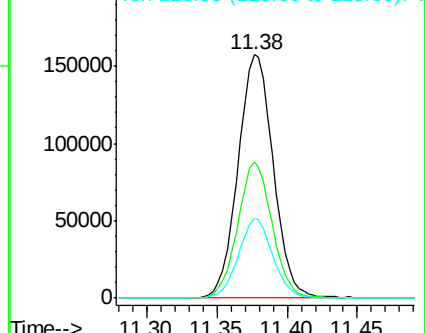
119 32.6 25.8 38.6

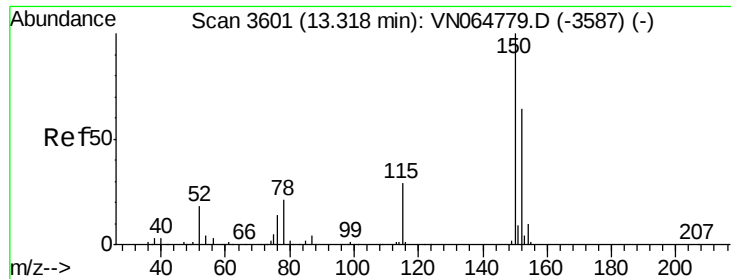


Abundance Ion 116.90 (116.60 to 117.60): VN064779.D (-2984) (-)

Ion 82.00 (81.70 to 82.70): VN064779.D (-2984) (-)

Ion 118.90 (118.60 to 119.60): VN064779.D (-2984) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064960.D

Acq: 8 Dec 2020 11:11

Instrument :

MSVOA_N

ClientSampled :

VN1208WBL01

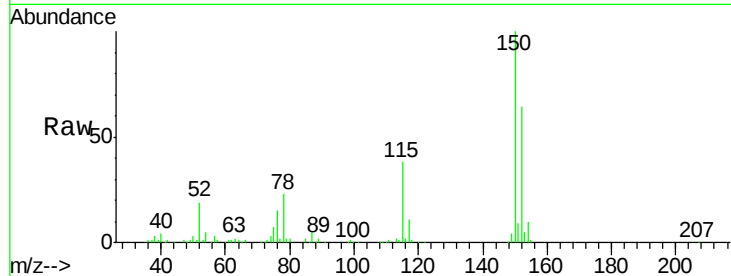
Tgt Ion:152 Resp: 119695

Ion Ratio Lower Upper

152 100

115 58.9 29.7 89.1

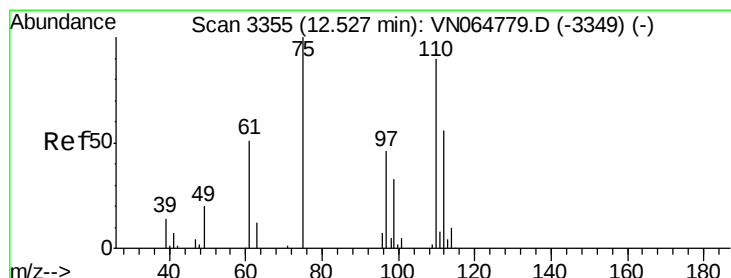
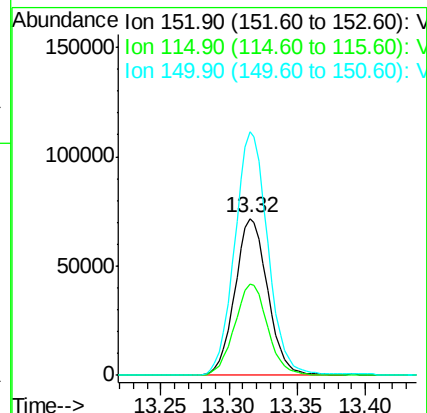
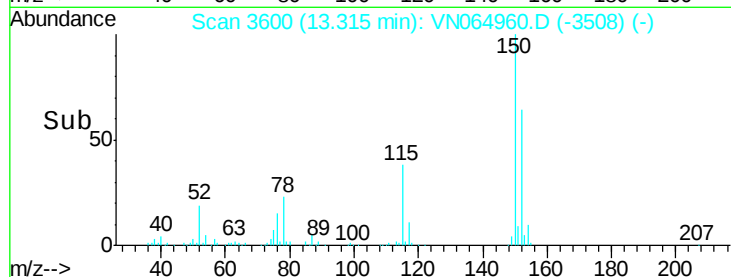
150 156.7 0.0 350.6



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: 22.952 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN064960.D

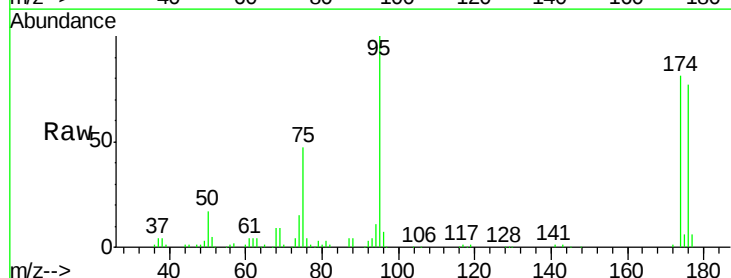
Acq: 8 Dec 2020 11:11

Tgt Ion: 75 Resp: 59163

Ion Ratio Lower Upper

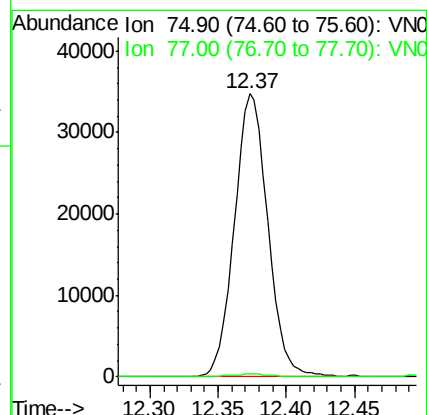
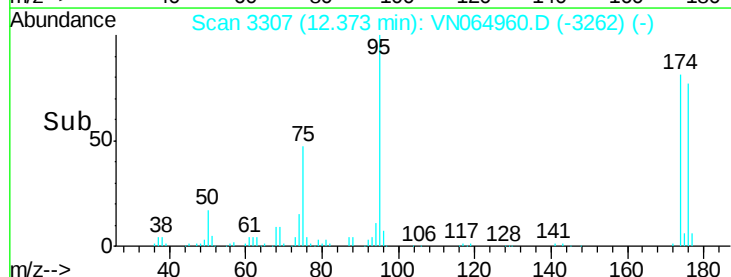
75 100

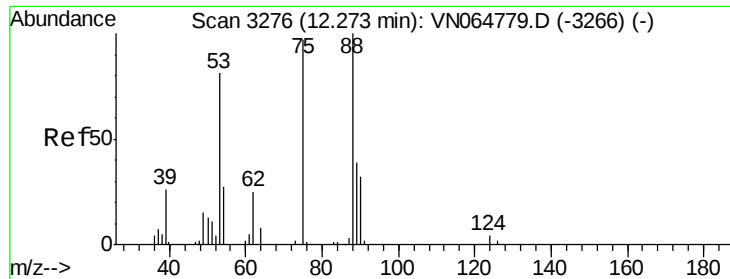
77 1.2 0.0 0.0#



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: 62.905 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN064960.D

Acq: 8 Dec 2020 11:11

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBL01

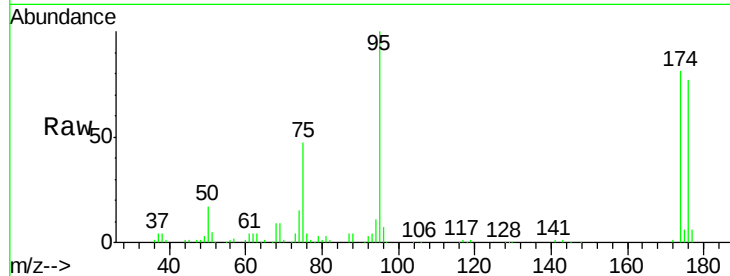
Tgt Ion: 75 Resp: 59163

Ion Ratio Lower Upper

75 100

53 0.0 67.0 100.4#

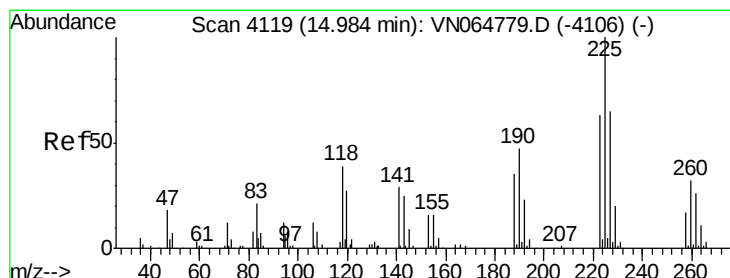
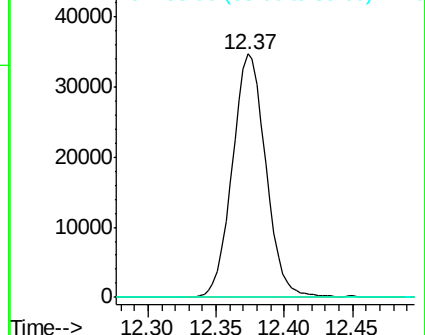
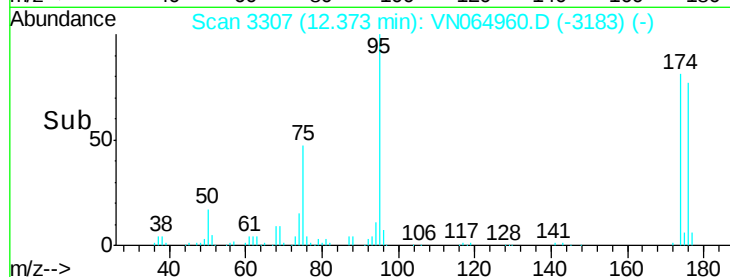
89 0.0 39.6 59.4#



Abundance Ion 74.90 (74.60 to 75.60): VN064960.D (-3183) (-)

Ion 53.00 (52.70 to 53.70): VN064960.D (-3183) (-)

Ion 88.90 (88.60 to 89.60): VN064960.D (-3183) (-)



#94

Hexachlorobutadiene

Concen: 0.701 ug/l

RT: 14.97 min Scan# 4116

Delta R.T. -0.01 min

Lab File: VN064960.D

Acq: 8 Dec 2020 11:11

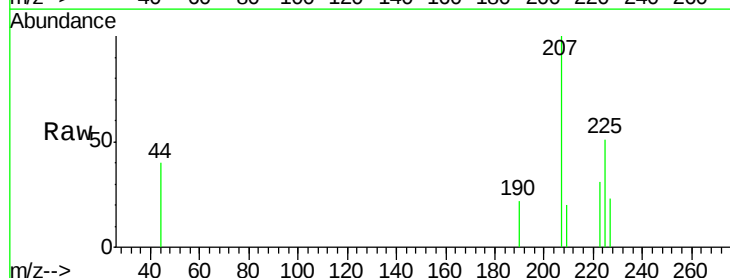
Tgt Ion: 225 Resp: 361

Ion Ratio Lower Upper

225 100

223 73.1 31.0 93.0

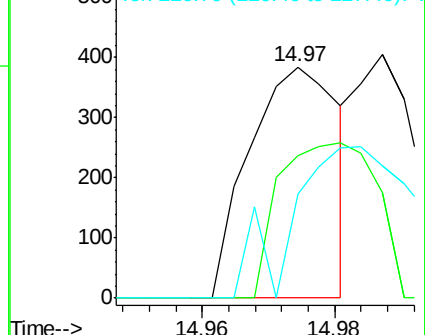
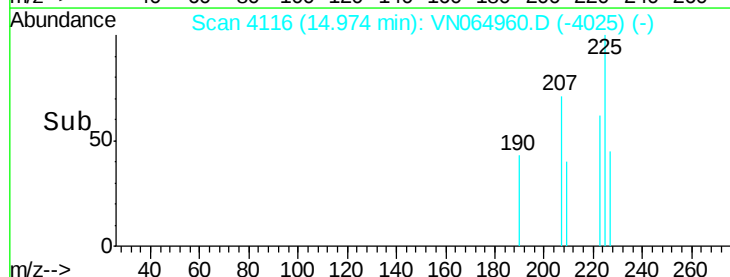
227 85.9 32.0 96.0

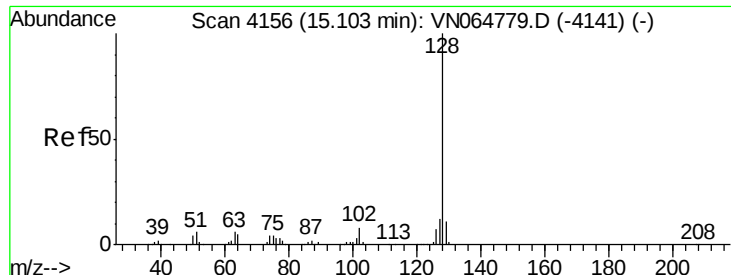


Abundance Ion 224.70 (224.40 to 225.40): VN064960.D (-4025) (-)

Ion 222.70 (222.40 to 223.40): VN064960.D (-4025) (-)

Ion 226.70 (226.40 to 227.40): VN064960.D (-4025) (-)

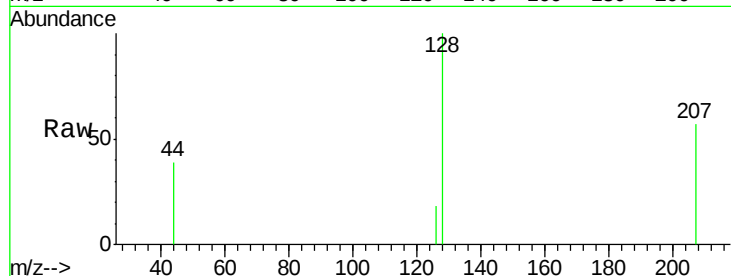




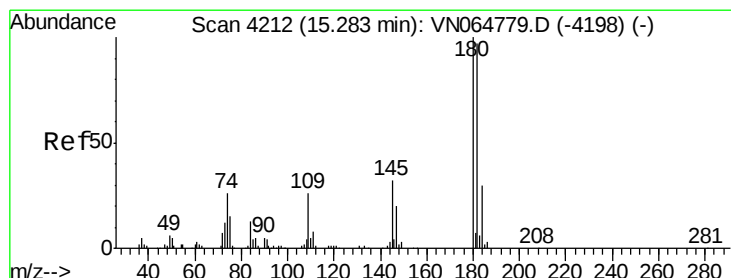
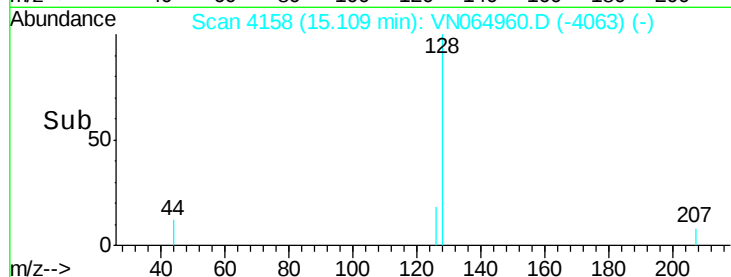
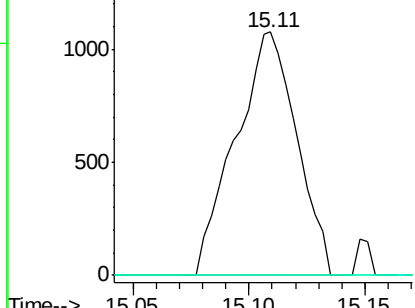
#95
Naphthalene
Concen: 0.273 ug/l
RT: 15.11 min Scan# 4158
Delta R.T. 0.01 min
Lab File: VN064960.D
Acq: 8 Dec 2020 11:11

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBL01

Tgt Ion:128 Resp: 1979
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.7 13.1#

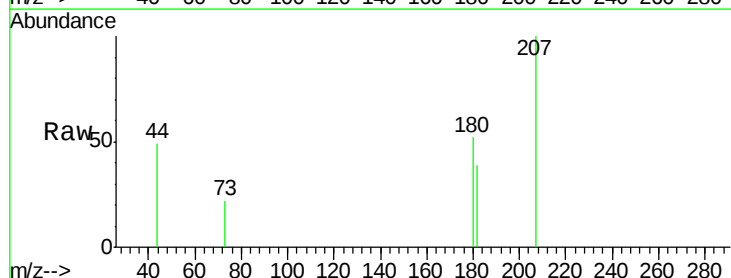


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 1.640 ug/l
RT: 15.29 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN064960.D
Acq: 8 Dec 2020 11:11

Tgt Ion:180 Resp: 588
Ion Ratio Lower Upper
180 100
182 69.0 48.1 144.4
145 10.5 16.4 49.1#



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

