

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112320\
 Data File : VN064784.D
 Acq On : 23 Nov 2020 15:20
 Operator : JC/MD
 Sample : VN1123WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1123WBL01

Quant Time: Nov 24 03:21:47 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	152878	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	270448	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	279648	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	127208	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	96629	54.37	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	108.74%
35) Dibromofluoromethane	7.55	113	86209	53.27	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	106.54%
50) Toluene-d8	10.06	98	339742	51.38	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.76%
62) 4-Bromofluorobenzene	12.38	95	131761	55.68	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	111.36%

Target Compounds

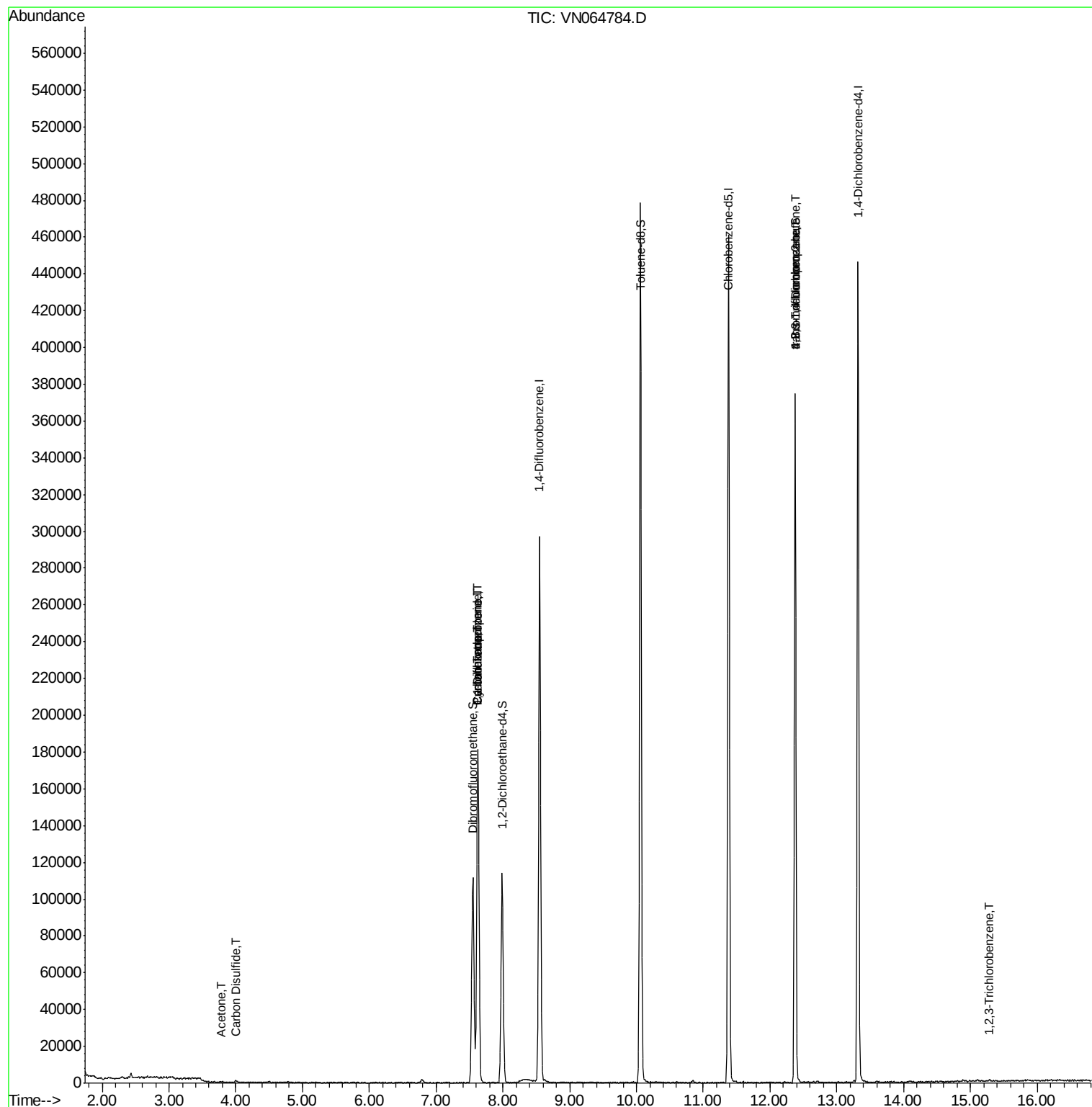
					Qvalue	
16) Acetone	3.78	43	126	0.216	ug/l #	43
17) Carbon Disulfide	4.00	76	1548	0.410	ug/l #	75
31) Cyclohexane	7.62	56	2902	1.172	ug/l #	1
36) 1,1-Dichloropropene	7.62	75	10775	4.298	ug/l #	48
38) Carbon Tetrachloride	7.63	117	14413	5.526	ug/l #	15
76) 1,2,3-Trichloropropane	12.38	75	62672	22.877	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	62672	62.700	ug/l #	15
96) 1,2,3-Trichlorobenzene	15.29	180	471	1.579	ug/l #	73

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

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Quant Time: Nov 24 03:21:47 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064784.D

Acq: 23 Nov 2020 15:20

Instrument :

MSVOA_N

ClientSampleId :

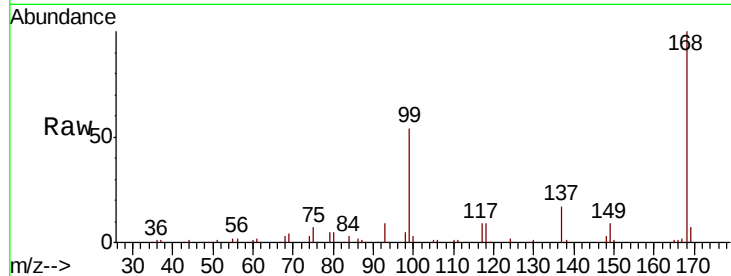
VN1123WBL01

Tot Ion:168 Resp: 152878

Ion Ratio Lower Upper

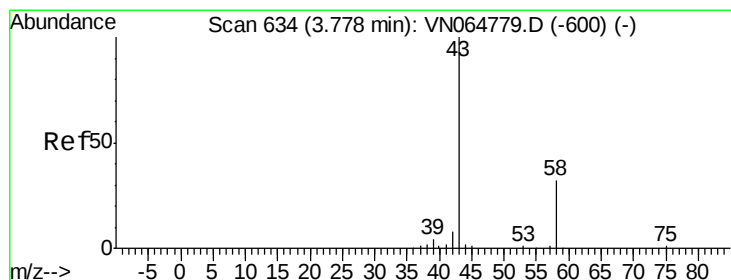
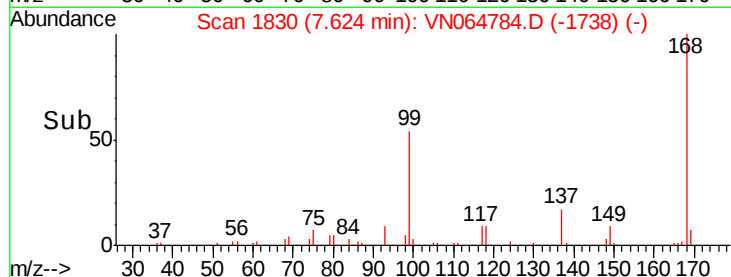
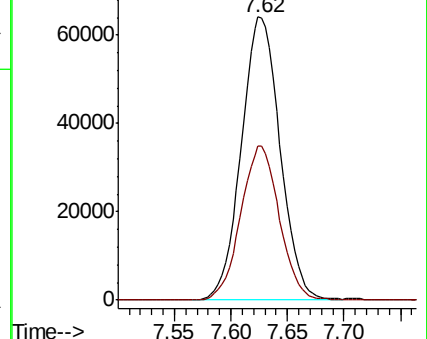
168 100

99 54.3 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 0.216 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN064784.D

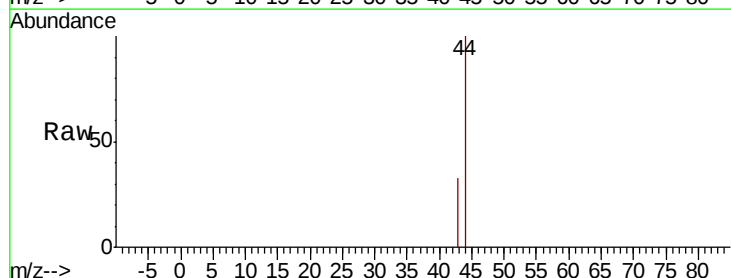
Acq: 23 Nov 2020 15:20

Tgt Ion: 43 Resp: 126

Ion Ratio Lower Upper

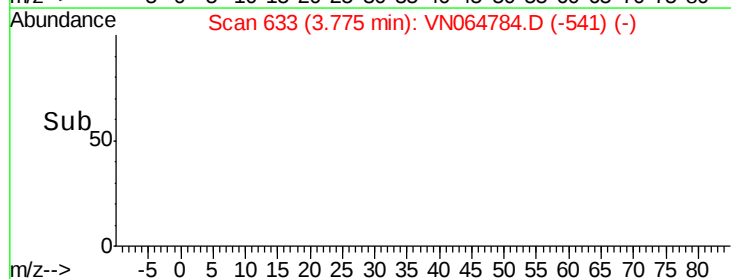
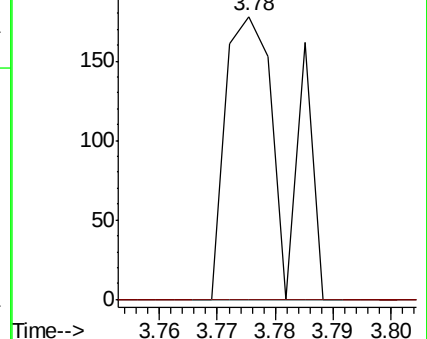
43 100

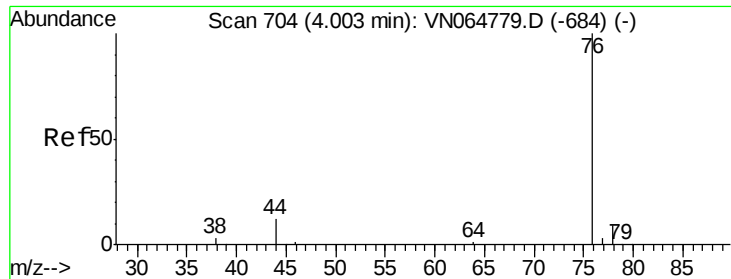
58 0.0 25.7 38.5#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

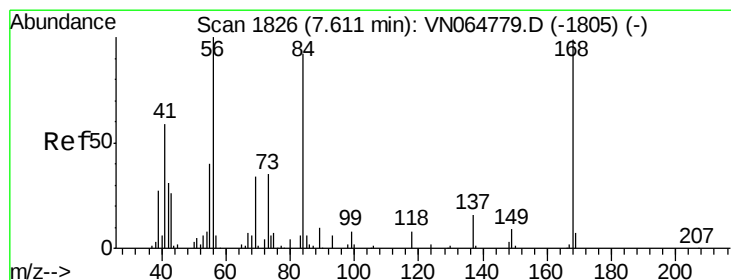
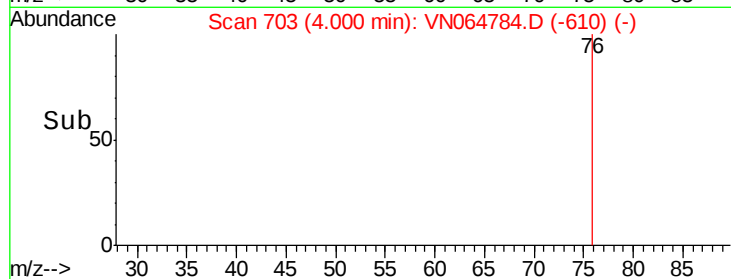
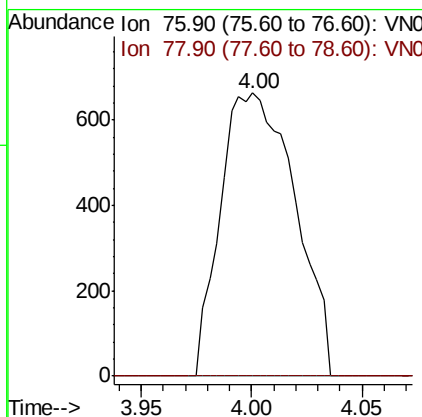
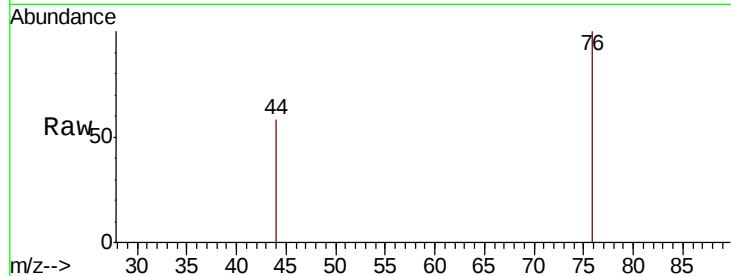




#17
Carbon Disulfide
Concen: 0.410 ug/l
RT: 4.00 min Scan# 703
Delta R.T. -0.00 min
Lab File: VN064784.D
Acq: 23 Nov 2020 15:20

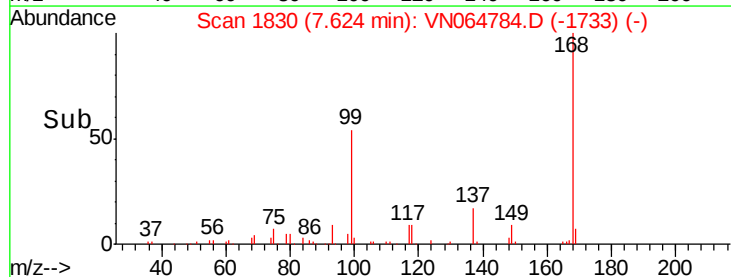
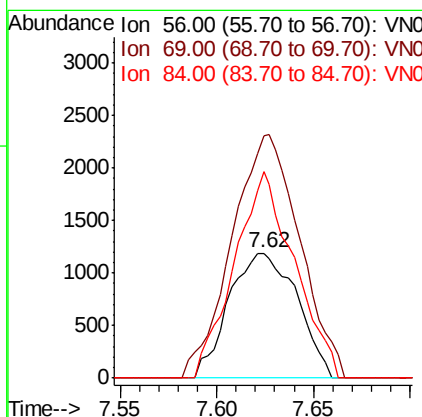
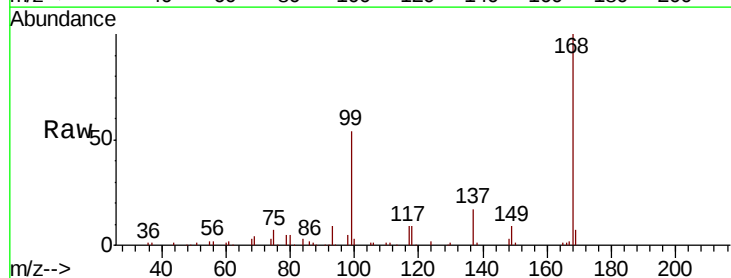
Instrument :
MSVOA_N
ClientSampleId :
VN1123WBL01

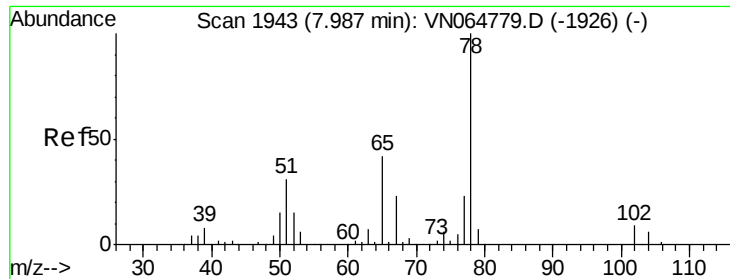
Tot Ion: 76 Resp: 1548
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#31
Cyclohexane
Concen: 1.172 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN064784.D
Acq: 23 Nov 2020 15:20

Tgt Ion: 56 Resp: 2902
Ion Ratio Lower Upper
56 100
69 179.4 27.5 41.3#
84 165.0 73.9 110.9#





#33

1,2-Dichloroethane-d4

Concen: 54.368 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064784.D

Acq: 23 Nov 2020 15:20

Instrument :

MSVOA_N

ClientSampleId :

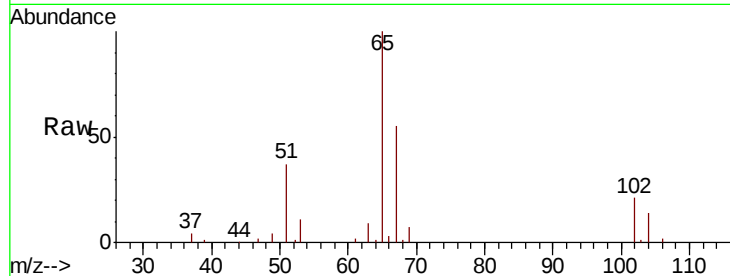
VN1123WBL01

Tot Ion: 65 Resp: 96629

Ion Ratio Lower Upper

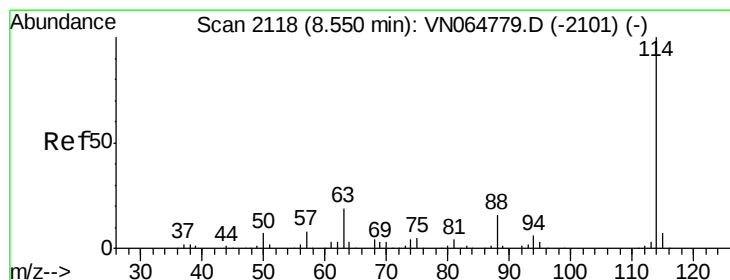
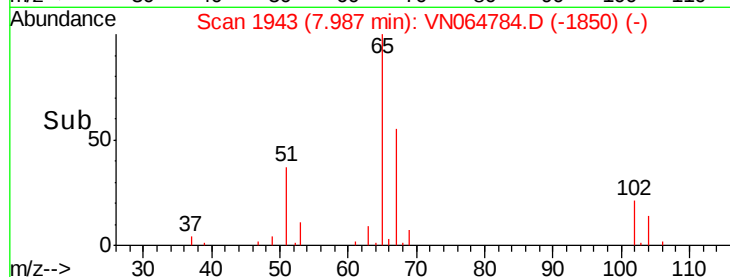
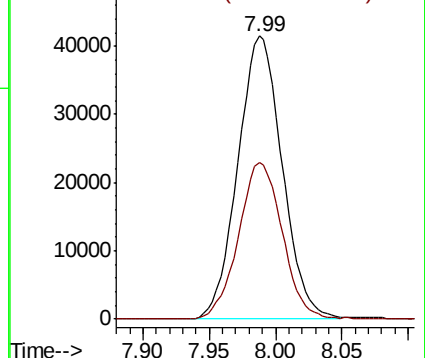
65 100

67 54.4 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064784.D

Acq: 23 Nov 2020 15:20

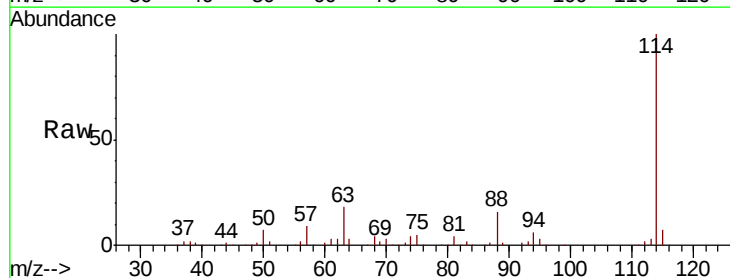
Tgt Ion: 114 Resp: 270448

Ion Ratio Lower Upper

114 100

63 17.9 0.0 38.6

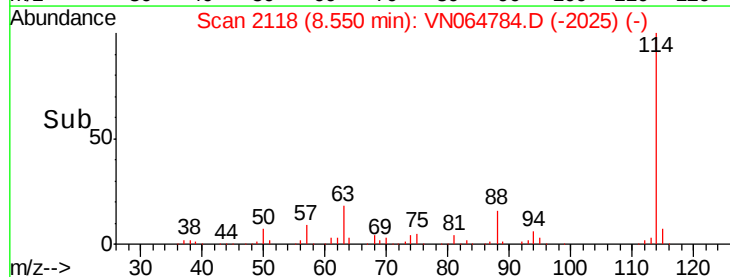
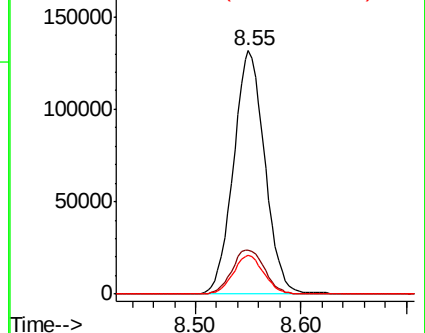
88 15.9 0.0 32.6

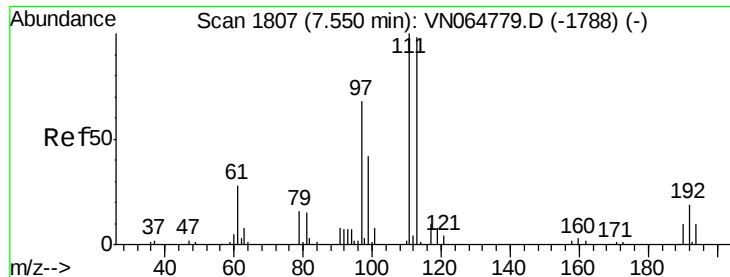


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

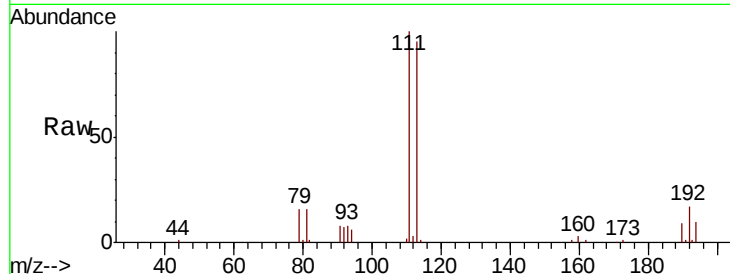




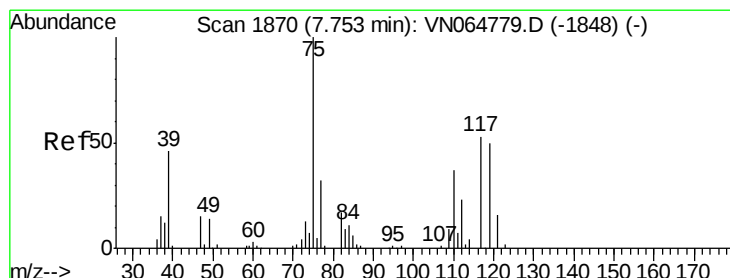
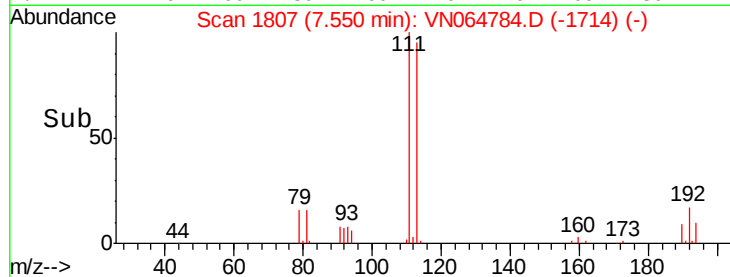
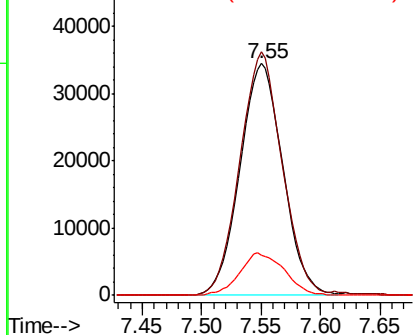
#35
 Dibromofluoromethane
 Concen: 53.272 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064784.D
 Acq: 23 Nov 2020 15:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1123WBL01

Tot Ion:113 Resp: 86209
 Ion Ratio Lower Upper
 113 100
 111 103.8 81.6 122.4
 192 18.9 16.2 24.2

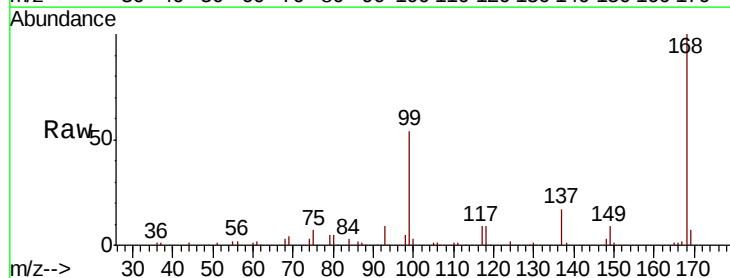


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

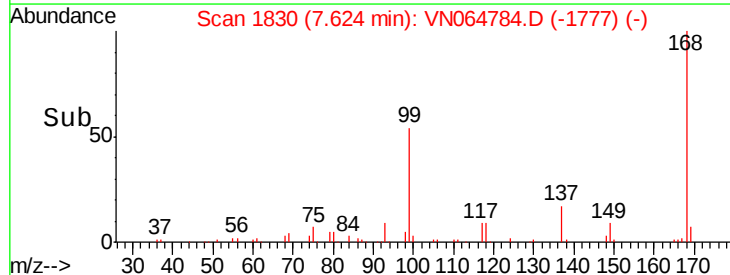
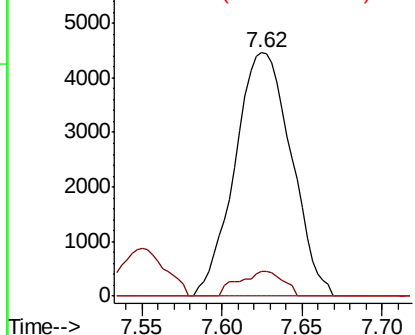


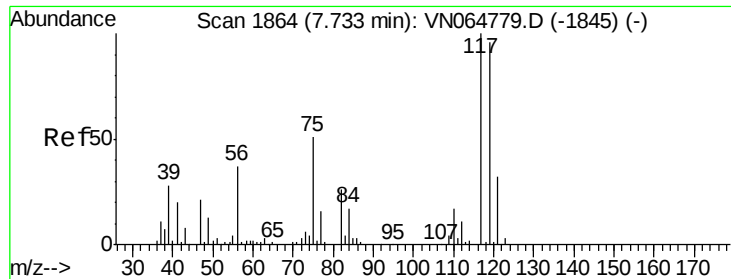
#36
 1,1-Dichloropropene
 Concen: 4.298 ug/l
 RT: 7.62 min Scan# 1830
 Delta R.T. -0.13 min
 Lab File: VN064784.D
 Acq: 23 Nov 2020 15:20

Tgt Ion: 75 Resp: 10775
 Ion Ratio Lower Upper
 75 100
 110 7.9 17.8 53.3#
 77 0.0 25.0 37.4#



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: 5.526 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.11 min

Lab File: VN064784.D

Acq: 23 Nov 2020 15:20

Instrument :

MSVOA_N

ClientSampled :

VN1123WBL01

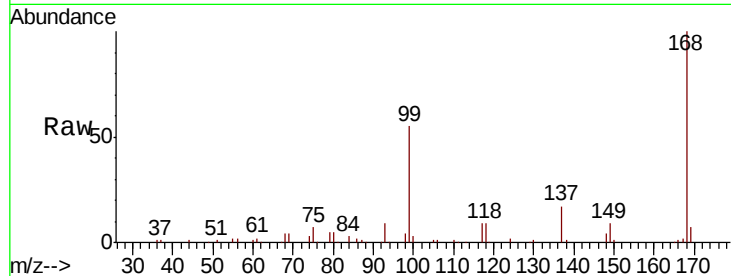
Tot Ion:117 Resp: 14413

Ion Ratio Lower Upper

117 100

119 4.2 76.7 115.1#

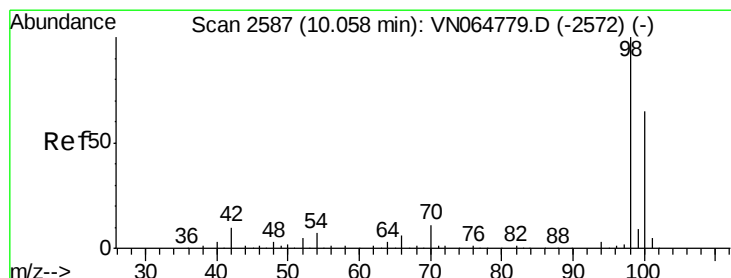
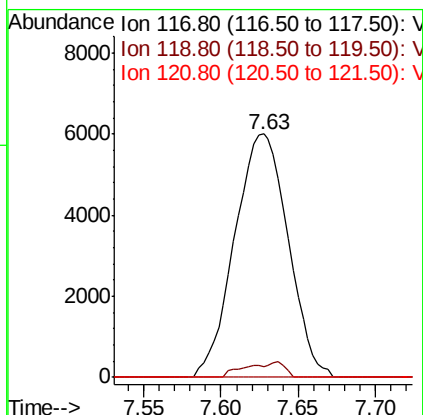
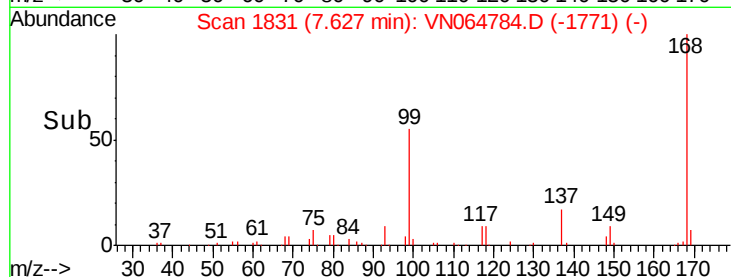
121 0.0 25.4 38.2#



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: 51.382 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064784.D

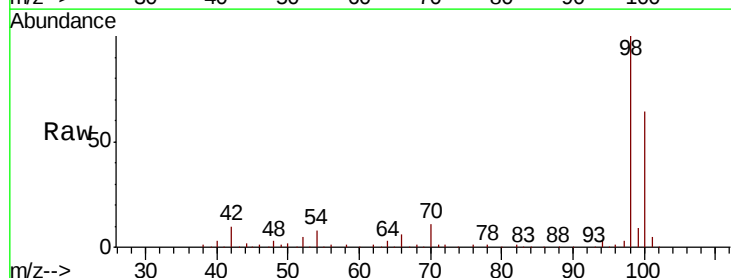
Acq: 23 Nov 2020 15:20

Tgt Ion: 98 Resp: 339742

Ion Ratio Lower Upper

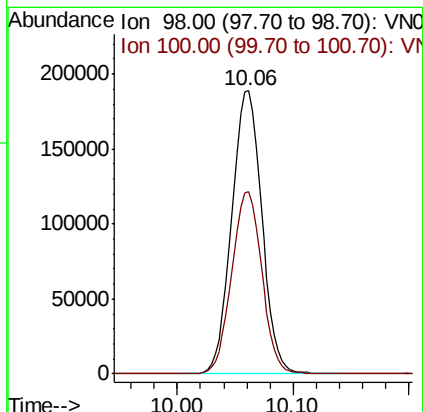
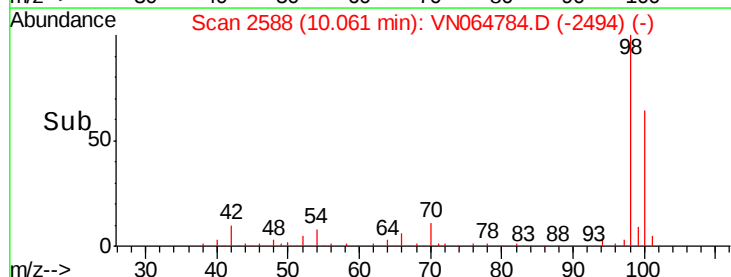
98 100

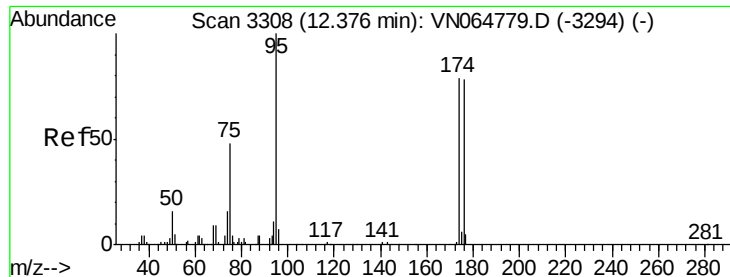
100 64.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

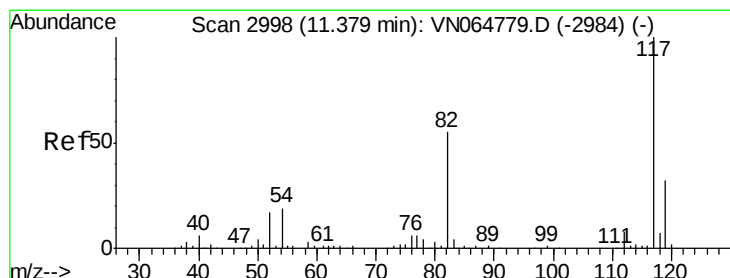
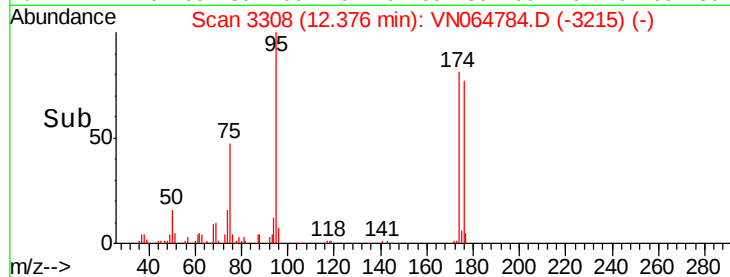
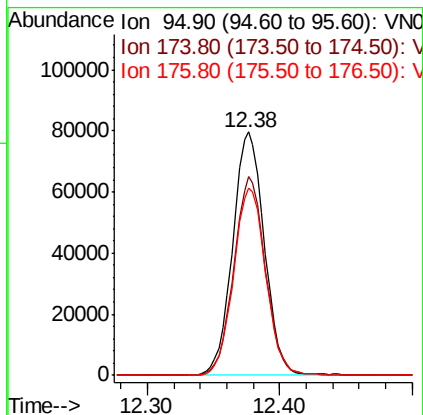
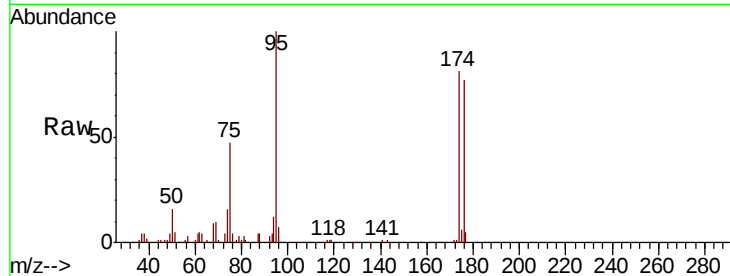




#62
4-Bromofluorobenzene
Concen: 55.681 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064784.D
Acq: 23 Nov 2020 15:20

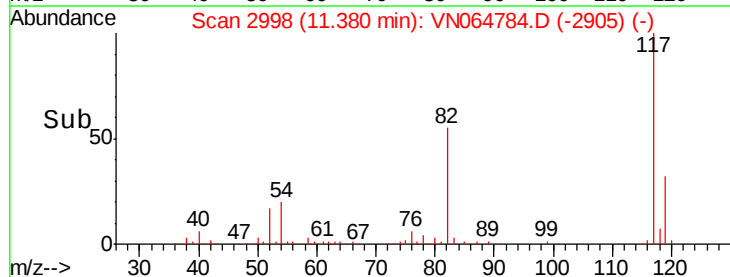
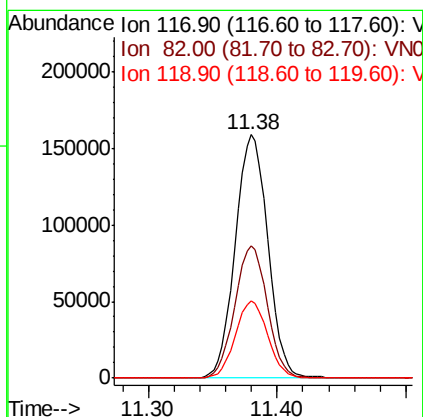
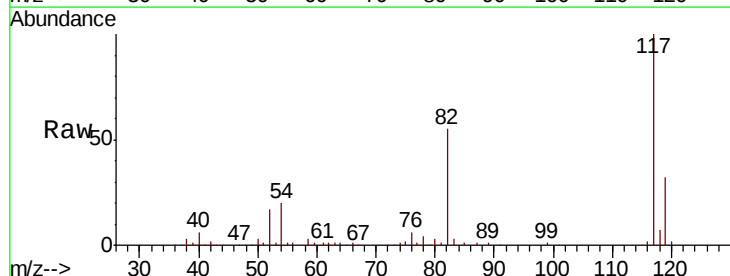
Instrument :
MSVOA_N
ClientSampled :
VN1123WBL01

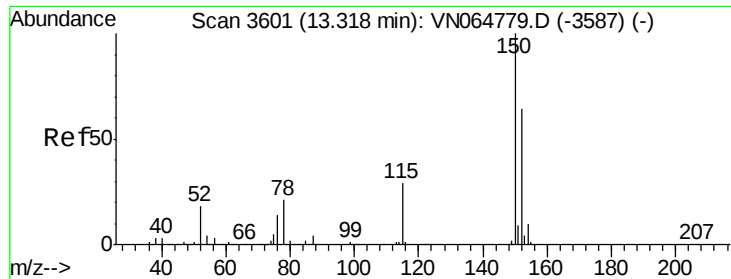
Tot Ion: 95 Resp: 131761
Ion Ratio Lower Upper
95 100
174 81.4 0.0 160.4
176 78.4 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064784.D
Acq: 23 Nov 2020 15:20

Tgt Ion: 117 Resp: 279648
Ion Ratio Lower Upper
117 100
82 54.5 44.2 66.2
119 31.6 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064784.D

Acq: 23 Nov 2020 15:20

Instrument :

MSVOA_N

ClientSampleId :

VN1123WBL01

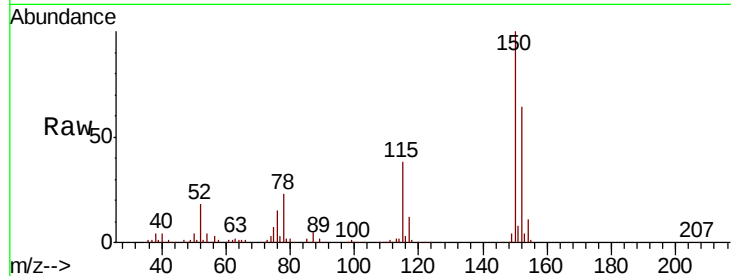
Tot Ion:152 Resp: 127208

Ion Ratio Lower Upper

152 100

115 59.9 29.7 89.1

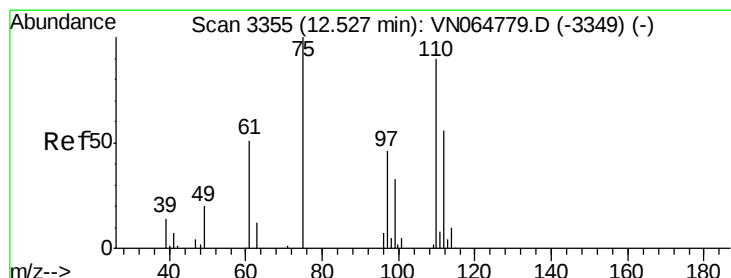
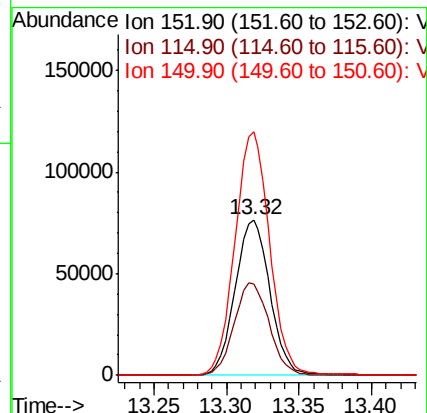
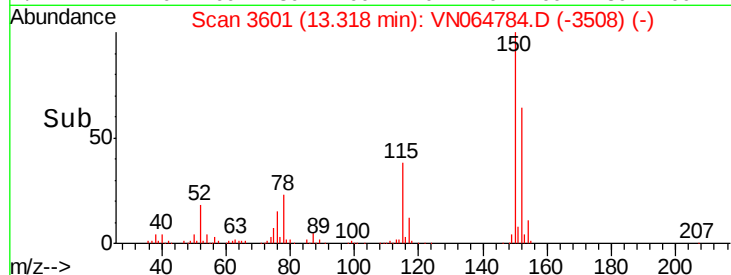
150 156.8 0.0 350.6



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: 22.877 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN064784.D

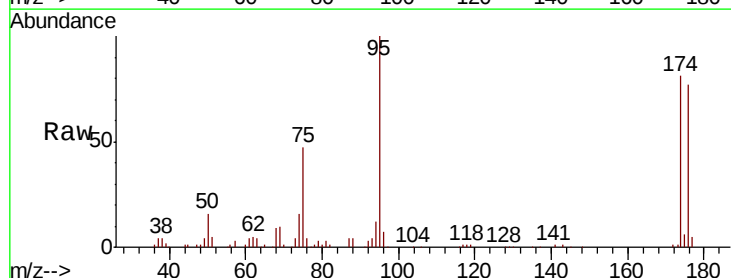
Acq: 23 Nov 2020 15:20

Tgt Ion: 75 Resp: 62672

Ion Ratio Lower Upper

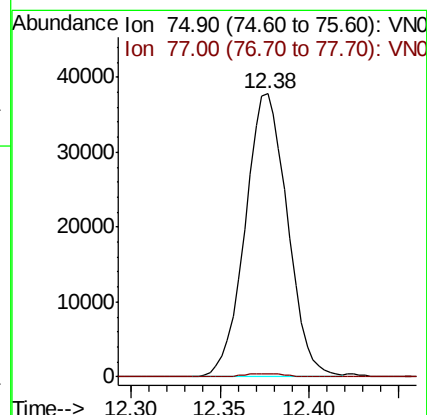
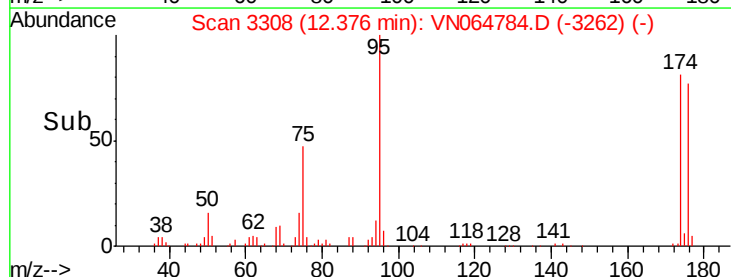
75 100

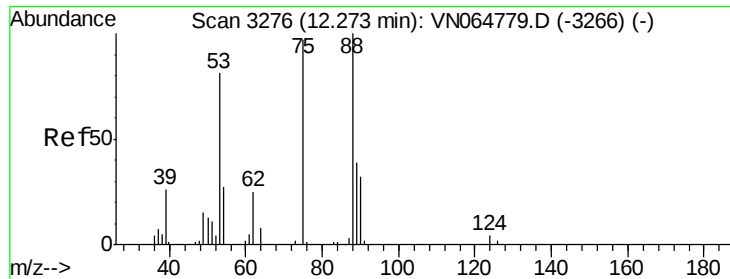
77 0.5 0.0 0.0#



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: 62.700 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN064784.D

Acq: 23 Nov 2020 15:20

Instrument :

MSVOA_N

ClientSampleId :

VN1123WBL01

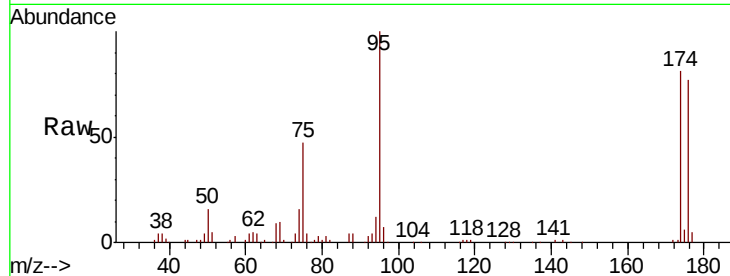
Tot Ion: 75 Resp: 62672

Ion Ratio Lower Upper

75 100

53 0.0 67.0 100.4#

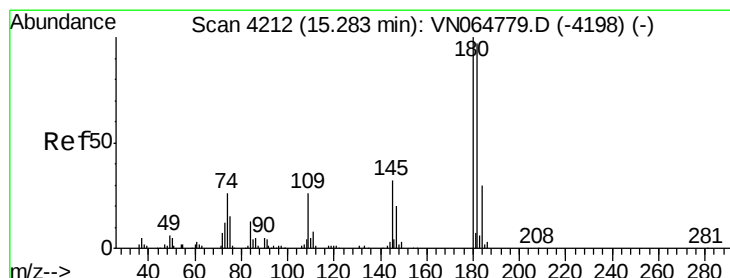
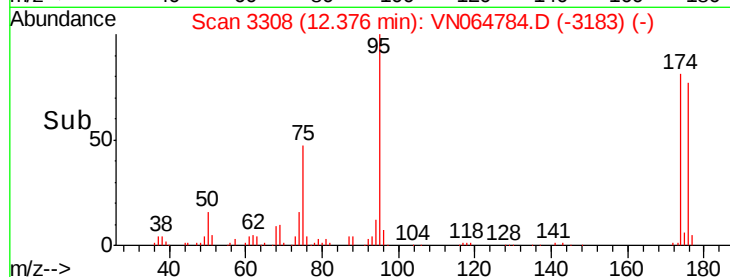
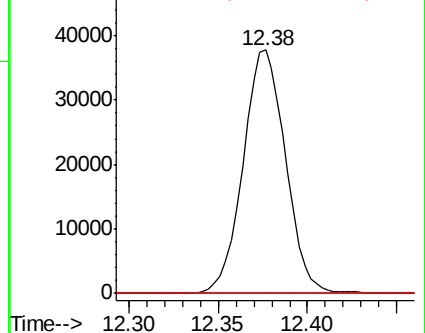
89 0.0 39.6 59.4#



Abundance Ion 74.90 (74.60 to 75.60): VN064779.D (-3266) (-)

Ion 53.00 (52.70 to 53.70): VN064779.D (-3266) (-)

Ion 88.90 (88.60 to 89.60): VN064779.D (-3266) (-)



#96

1,2,3-Trichlorobenzene

Concen: 1.579 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN064784.D

Acq: 23 Nov 2020 15:20

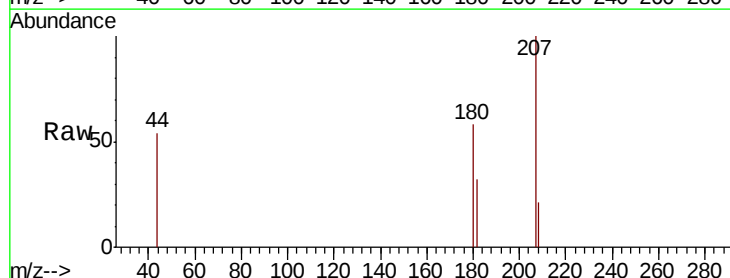
Tgt Ion: 180 Resp: 471

Ion Ratio Lower Upper

180 100

182 80.7 48.1 144.4

145 0.0 16.4 49.1#



Abundance Ion 179.80 (179.50 to 180.50): VN064779.D (-4198) (-)

Ion 181.80 (181.50 to 182.50): VN064779.D (-4198) (-)

Ion 144.90 (144.60 to 145.60): VN064779.D (-4198) (-)

