

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120120\
 Data File : VN064875.D
 Acq On : 1 Dec 2020 11:57
 Operator : JC/MD
 Sample : VN1201WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1201WBL01

Quant Time: Dec 02 00:15:40 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	163270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	298388	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	307692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	136327	50.00	ug/l	0.00

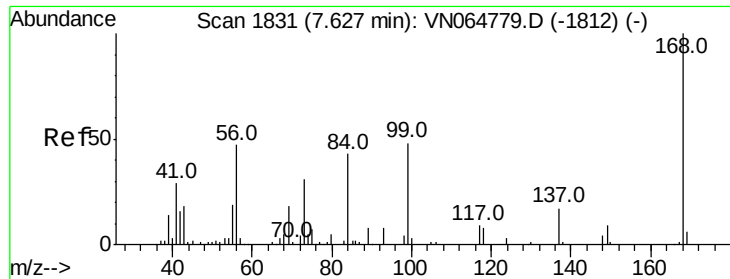
System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	105125	55.38	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	110.76%
35) Dibromofluoromethane	7.55	113	97134	54.40	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	108.80%
50) Toluene-d8	10.06	98	365803	50.14	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.28%
62) 4-Bromofluorobenzene	12.38	95	142329	54.51	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	109.02%

Target Compounds

					Qvalue	
31) Cyclohexane	7.62	56	1605	0.607	ug/l #	1
36) 1,1-Dichloropropene	7.63	75	11384	4.116	ug/l #	48
38) Carbon Tetrachloride	7.62	117	16063	5.582	ug/l #	15
76) 1,2,3-Trichloropropane	12.38	75	65055	22.158	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	65055	60.731	ug/l #	15

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064875.D

Acq: 1 Dec 2020 11:57

Instrument :

MSVOA_N

ClientSampleId :

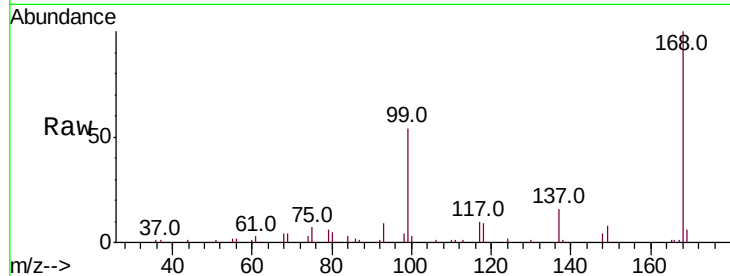
VN1201WBL01

Tot Ion:168 Resp: 163270

Ion Ratio Lower Upper

168 100

99 53.5 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

80000

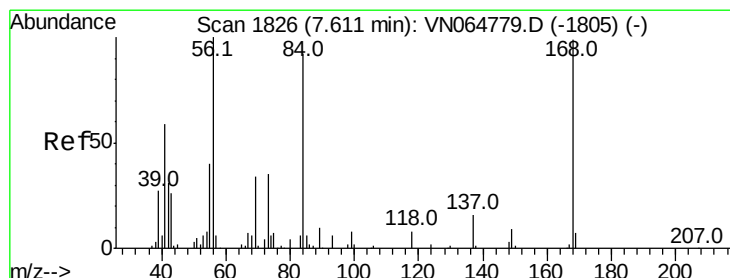
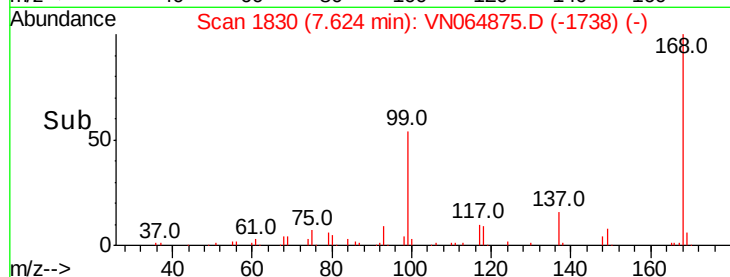
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#31

Cyclohexane

Concen: 0.607 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. 0.01 min

Lab File: VN064875.D

Acq: 1 Dec 2020 11:57

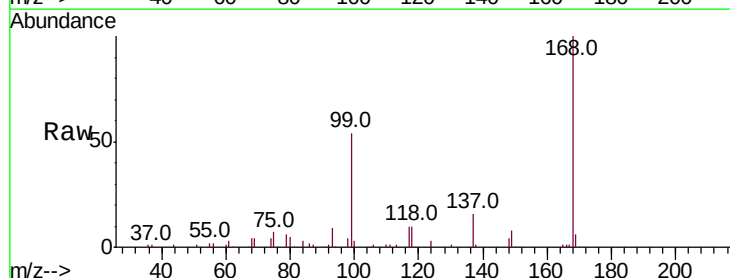
Tgt Ion: 56 Resp: 1605

Ion Ratio Lower Upper

56 100

69 220.9 27.5 41.3#

84 143.3 73.9 110.9#



Abundance Ion 56.00 (55.70 to 56.70): VN

Ion 69.00 (68.70 to 69.70): VN

Ion 84.00 (83.70 to 84.70): VN

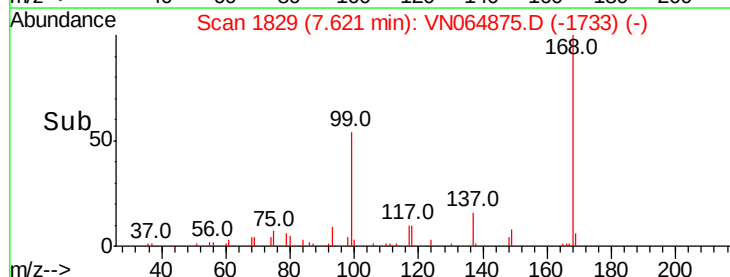
3000

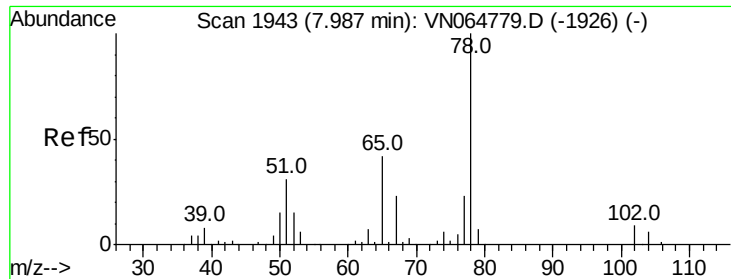
2000

1000

0

Time--> 7.56 7.58 7.60 7.62 7.64

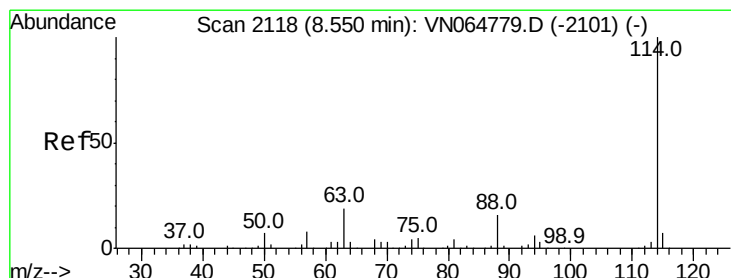
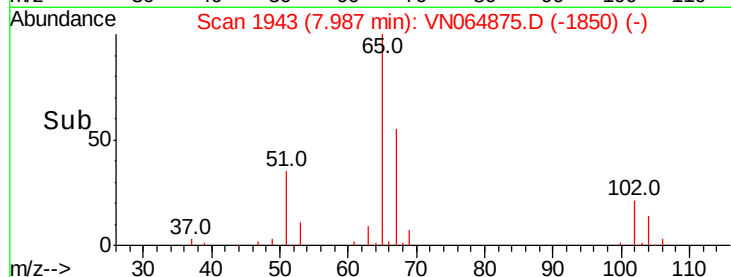
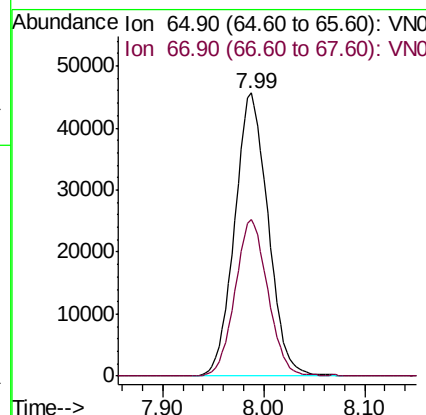
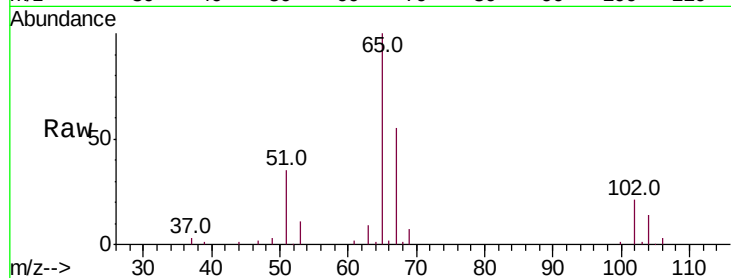




#33
 1,2-Dichloroethane-d4
 Concen: 55.384 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064875.D
 Acq: 1 Dec 2020 11:57

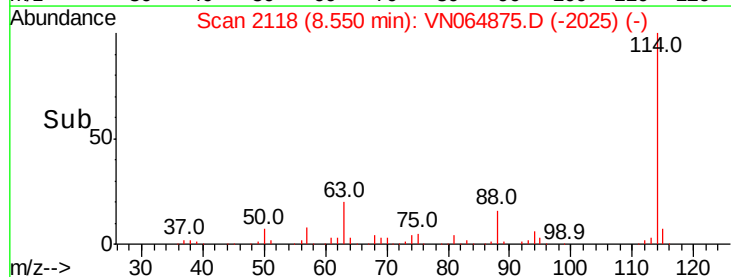
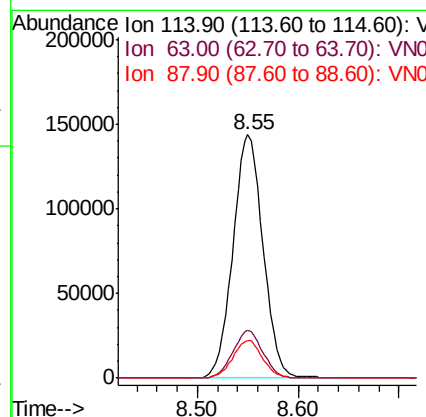
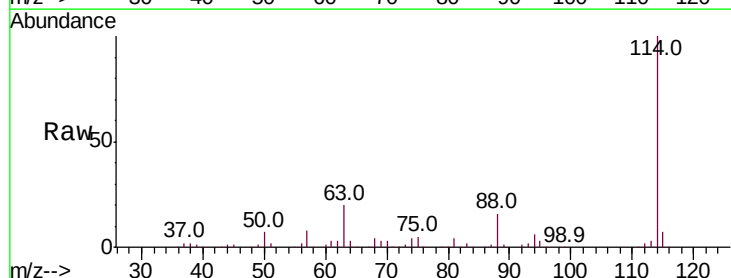
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1201WBL01

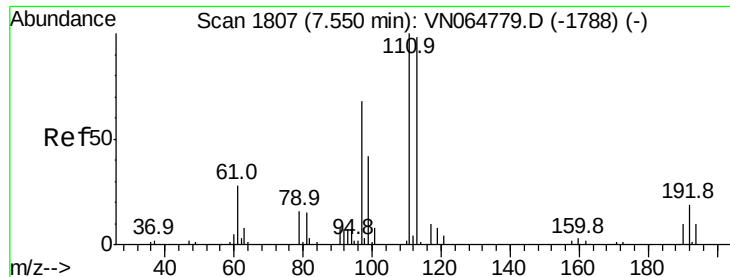
Tot Ion: 65 Resp: 105125
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064875.D
 Acq: 1 Dec 2020 11:57

Tgt Ion: 114 Resp: 298388
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.6
 88 15.5 0.0 32.6

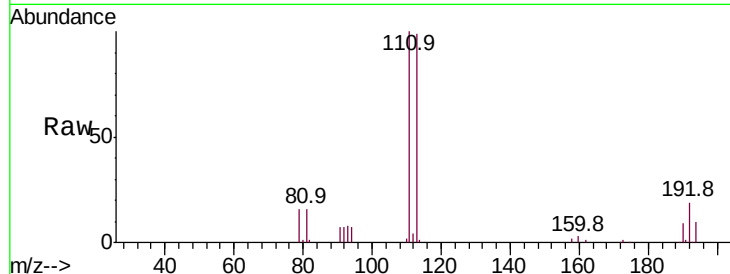




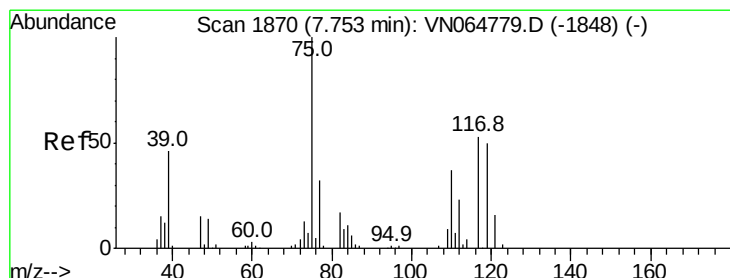
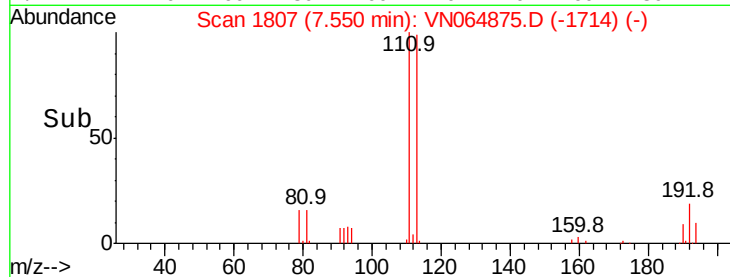
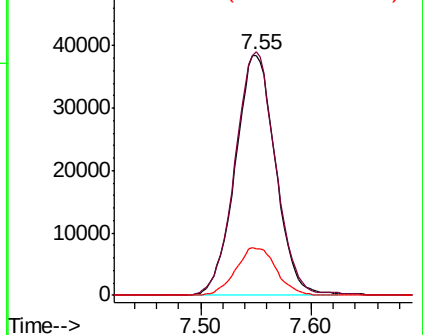
#35
 Dibromofluoromethane
 Concen: 54.403 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064875.D
 Acq: 1 Dec 2020 11:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1201WBL01

Tot Ion:113 Resp: 97134
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.6 122.4
 192 20.0 16.2 24.2

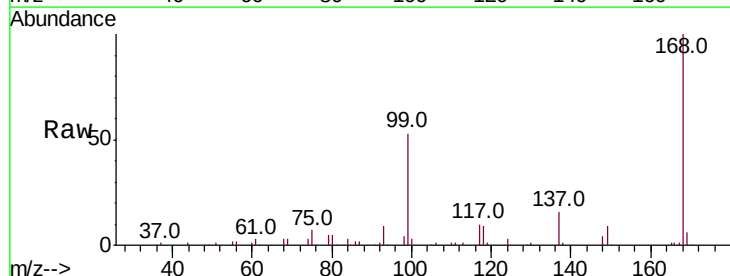


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

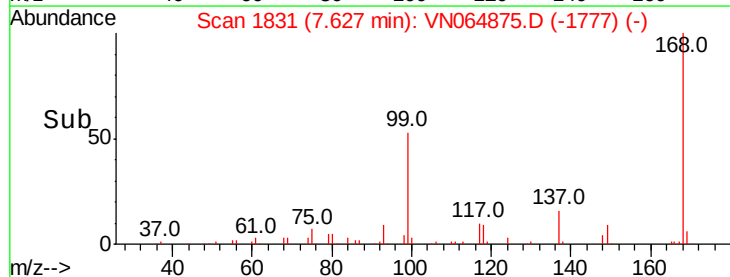
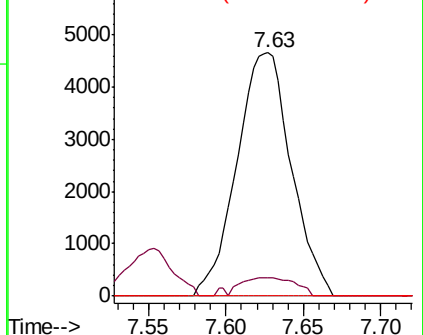


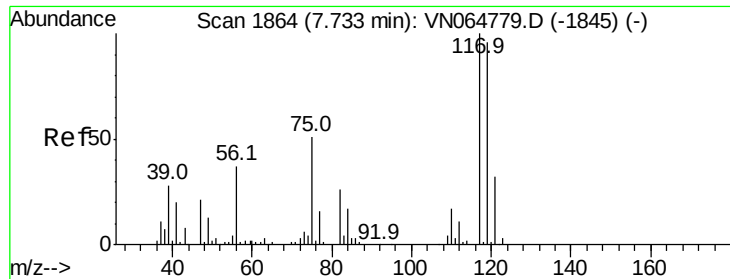
#36
 1,1-Dichloropropene
 Concen: 4.116 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN064875.D
 Acq: 1 Dec 2020 11:57

Tgt Ion: 75 Resp: 11384
 Ion Ratio Lower Upper
 75 100
 110 7.6 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

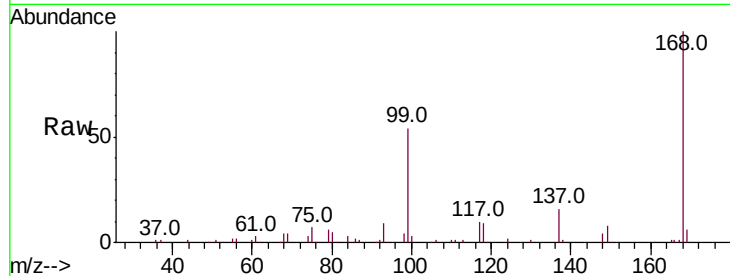




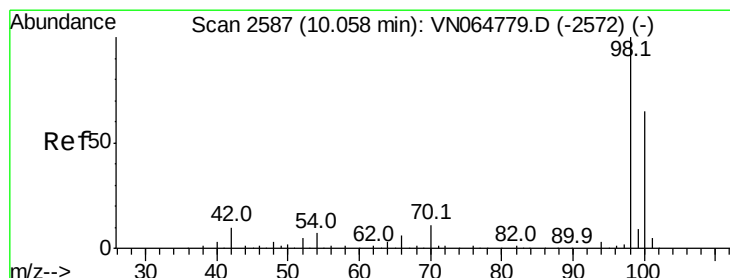
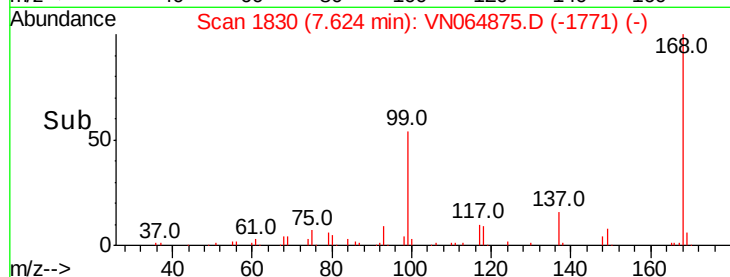
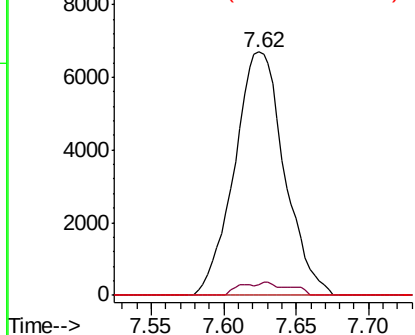
#38
Carbon Tetrachloride
Concen: 5.582 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.11 min
Lab File: VN064875.D
Acq: 1 Dec 2020 11:57

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBL01

Tot Ion:117 Resp: 16063
Ion Ratio Lower Upper
117 100
119 4.3 76.7 115.1#
121 0.0 25.4 38.2#

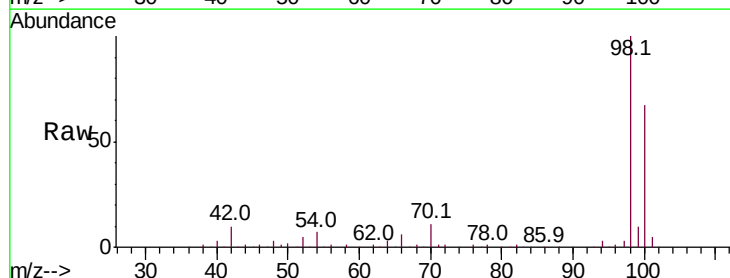


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

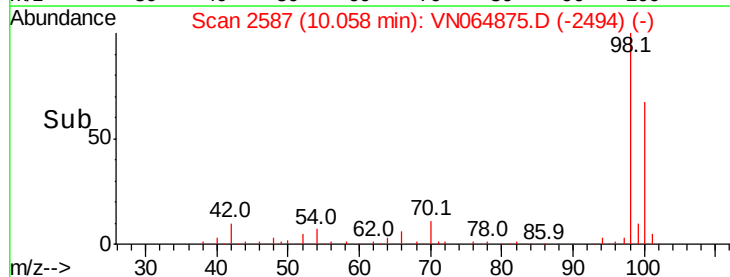
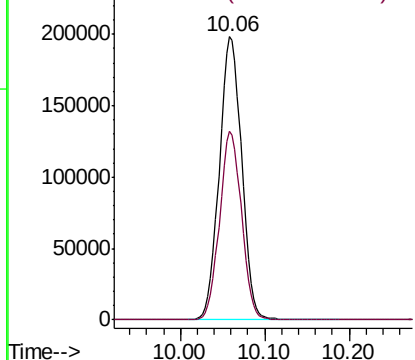


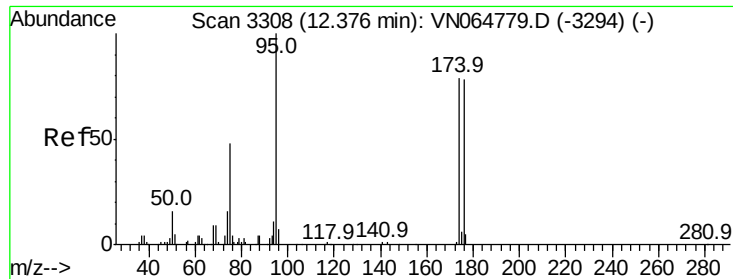
#50
Toluene-d8
Concen: 50.143 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064875.D
Acq: 1 Dec 2020 11:57

Tgt Ion: 98 Resp: 365803
Ion Ratio Lower Upper
98 100
100 65.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN
Ion 100.00 (99.70 to 100.70): VN

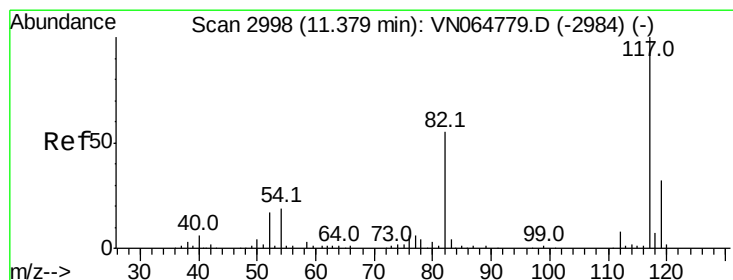
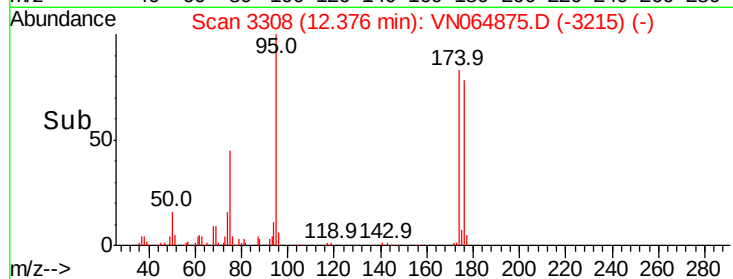
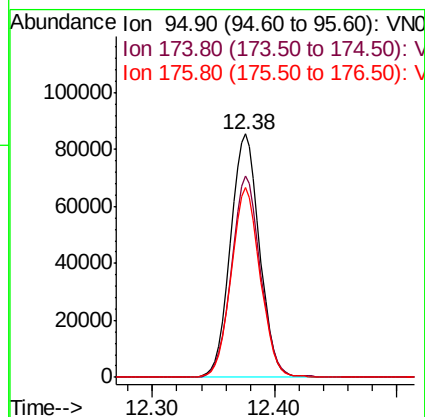
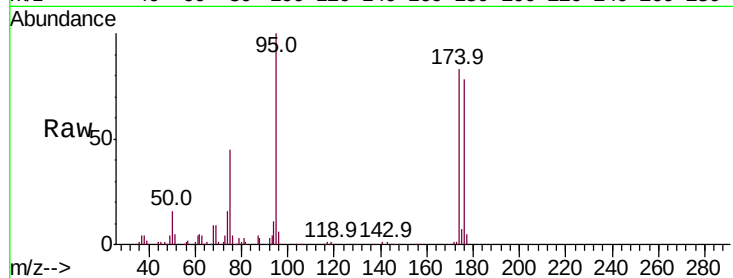




#62
4-Bromofluorobenzene
Concen: 54.515 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064875.D
Acq: 1 Dec 2020 11:57

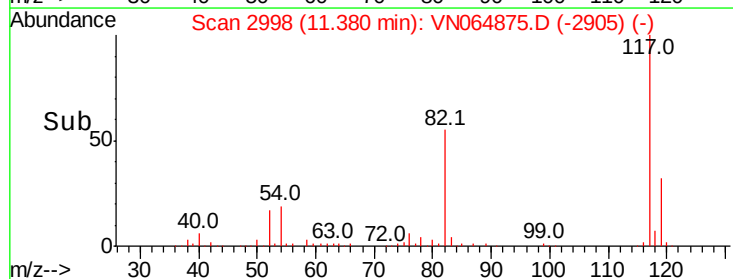
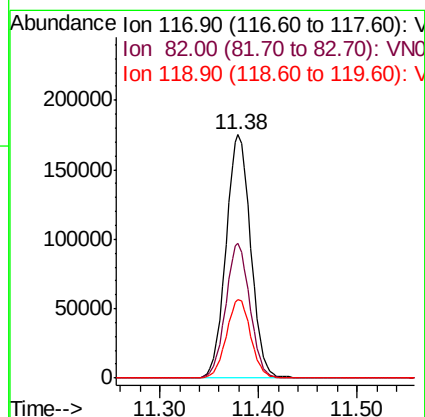
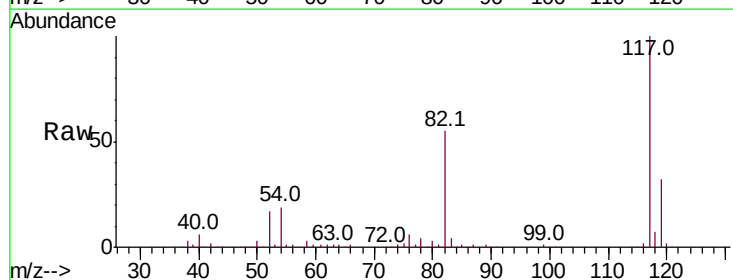
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBL01

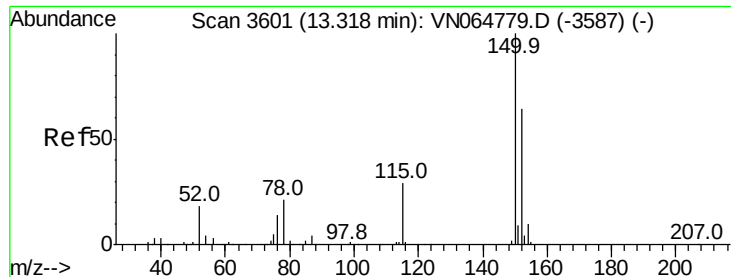
Tot Ion: 95 Resp: 142329
Ion Ratio Lower Upper
95 100
174 82.4 0.0 160.4
176 77.7 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064875.D
Acq: 1 Dec 2020 11:57

Tgt Ion: 117 Resp: 307692
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.2
119 32.5 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: VN064875.D

Acq: 1 Dec 2020 11:57

Instrument :

MSVOA_N

ClientSampled :

VN1201WBL01

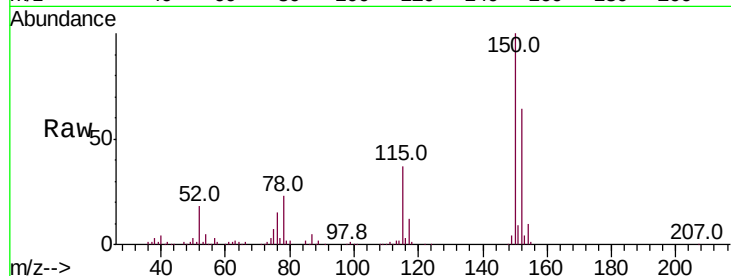
Tot Ion:152 Resp: 136327

Ion Ratio Lower Upper

152 100

115 58.2 29.7 89.1

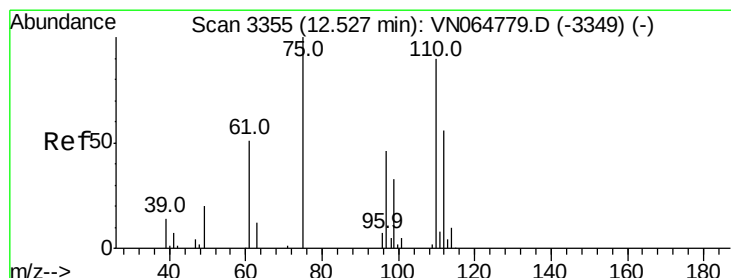
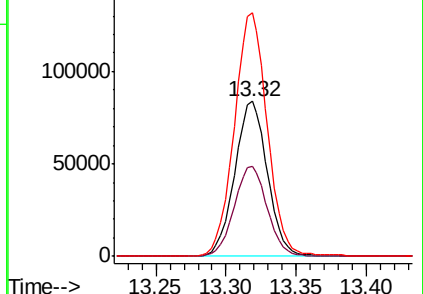
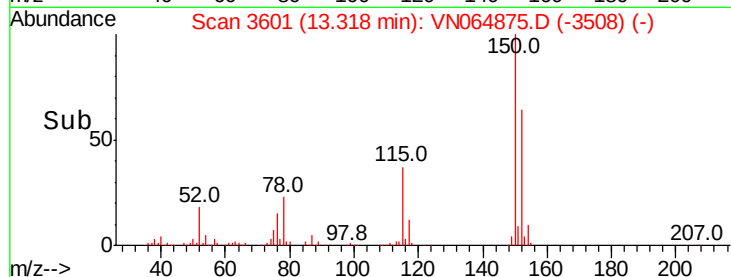
150 158.1 0.0 350.6



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: 22.158 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN064875.D

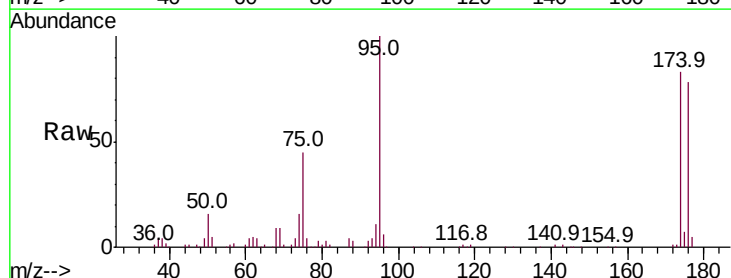
Acq: 1 Dec 2020 11:57

Tgt Ion: 75 Resp: 65055

Ion Ratio Lower Upper

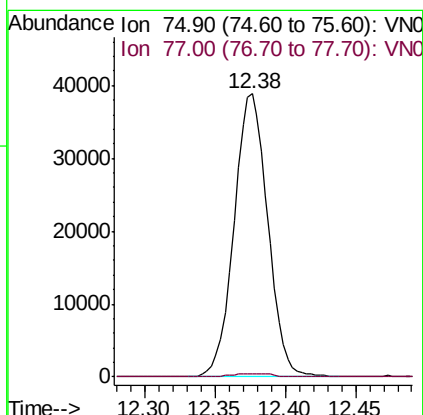
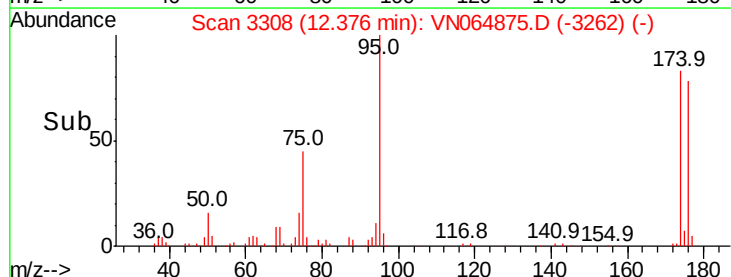
75 100

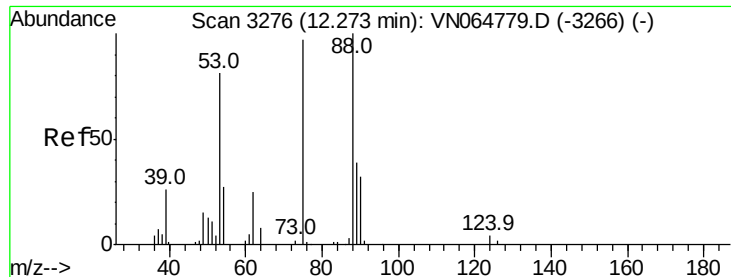
77 0.7 0.0 0.0#



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: 60.731 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN064875.D

Acq: 1 Dec 2020 11:57

Instrument :

MSVOA_N

ClientSampleId :

VN1201WBL01

Tot Ion: 75 Resp: 65055

Ion Ratio Lower Upper

75 100

53 0.0 67.0 100.4#

89 0.0 39.6 59.4#

