

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092120\
 Data File : VN063477.D
 Acq On : 21 Sep 2020 11:36
 Operator : JC/MD
 Sample : VN0921WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBL01

Quant Time: Sep 22 02:22:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	244388	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	455667	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	445084	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	193145	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	200461	48.19	ug/l	0.00
Spiked Amount						
			Recovery	=	96.38%	
35) Dibromofluoromethane	7.55	113	146096	46.31	ug/l	0.00
Spiked Amount						
			Recovery	=	92.62%	
50) Toluene-d8	10.06	98	575672	48.53	ug/l	0.00
Spiked Amount						
			Recovery	=	97.06%	
62) 4-Bromofluorobenzene	12.38	95	226807	52.16	ug/l	0.00
Spiked Amount						
			Recovery	=	104.32%	

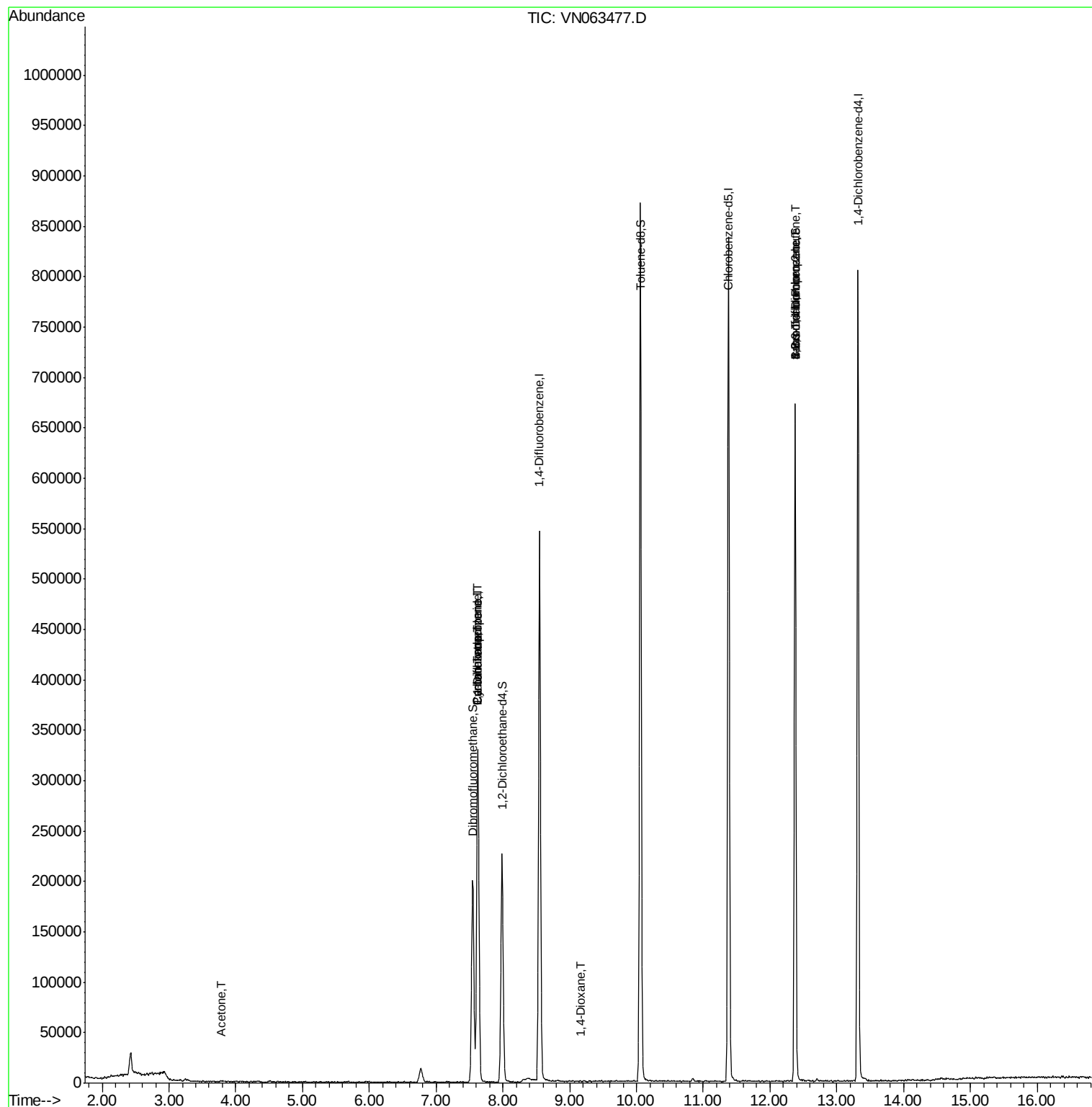
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	930	0.696	ug/l #	47
31) Cyclohexane	7.62	56	8019	1.396	ug/l #	45
36) 1,1-Dichloropropene	7.62	75	22804	4.698	ug/l #	52
38) Carbon Tetrachloride	7.62	117	25388	5.123	ug/l #	17
49) 1,4-Dioxane	9.16	88	103	1.715	ug/l #	34
71) Bromoform	12.37	173	812	0.315	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	126715	26.506	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	126715	72.670	ug/l #	7

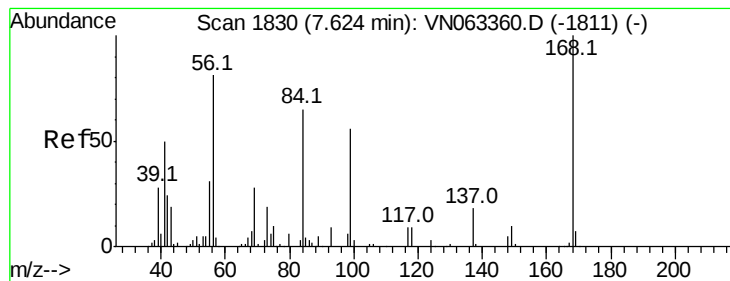
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 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: VN063477.D

Acq: 21 Sep 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

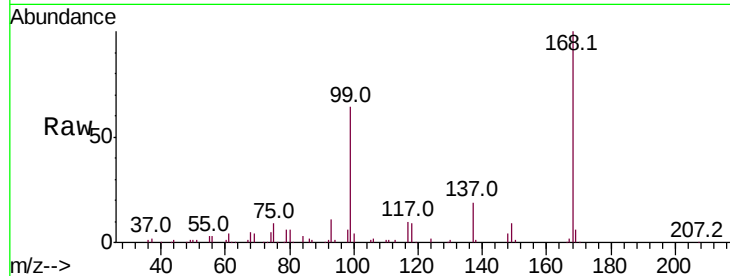
VN0921WBL01

Tot Ion:168 Resp: 244388

Ion Ratio Lower Upper

168 100

99 64.5 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

120000

100000

80000

60000

40000

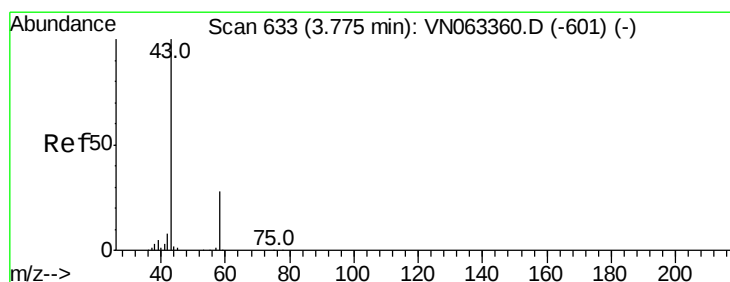
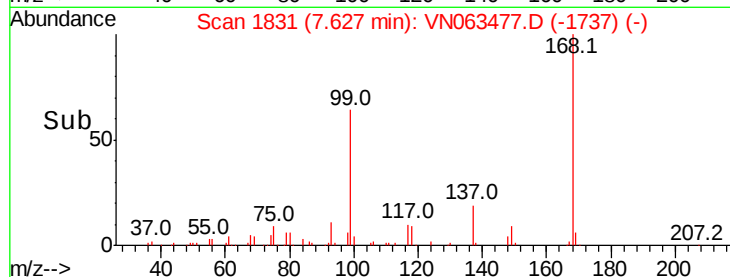
20000

0

7.63

7.50 7.60 7.70

Time-->



#16

Acetone

Concen: 0.696 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN063477.D

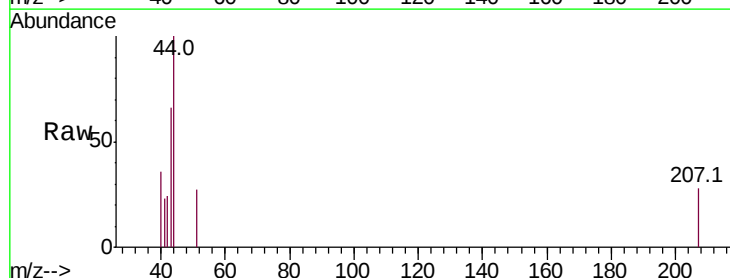
Acq: 21 Sep 2020 11:36

Tgt Ion: 43 Resp: 930

Ion Ratio Lower Upper

43 100

58 0.0 22.3 33.5#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

600

500

400

300

200

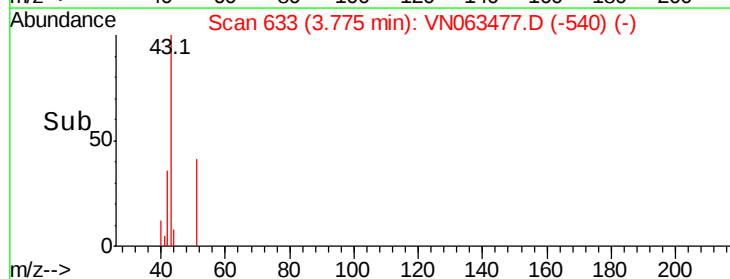
100

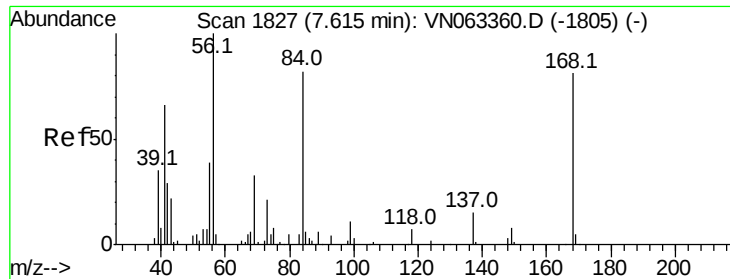
0

3.78

3.74 3.76 3.78 3.80

Time-->

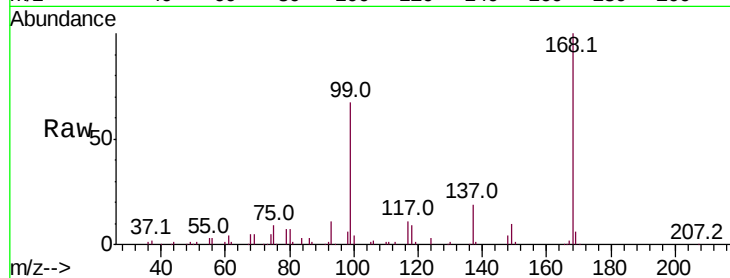




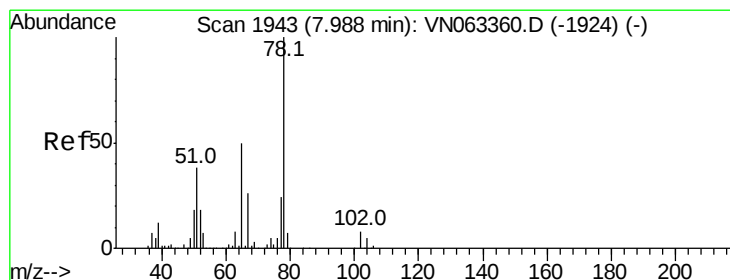
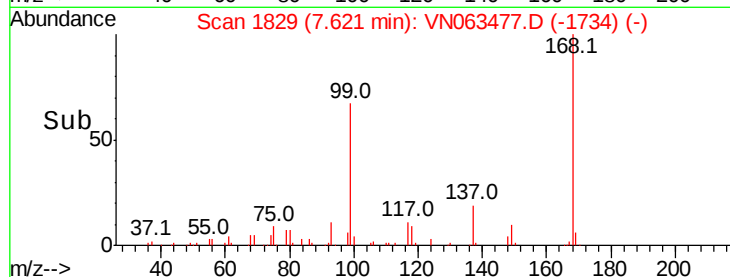
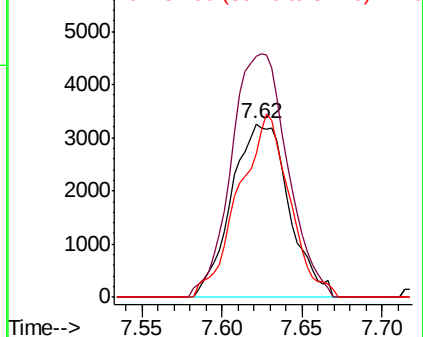
#31
Cyclohexane
Concen: 1.396 ug/l
RT: 7.62 min Scan# 1829
Delta R.T. 0.01 min
Lab File: VN063477.D
Acq: 21 Sep 2020 11:36

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBL01

Tot Ion: 56 Resp: 8019
Ion Ratio Lower Upper
56 100
69 139.2 26.1 39.1#
84 82.9 65.4 98.2

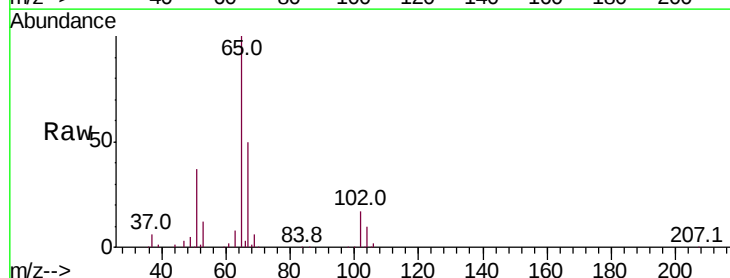


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

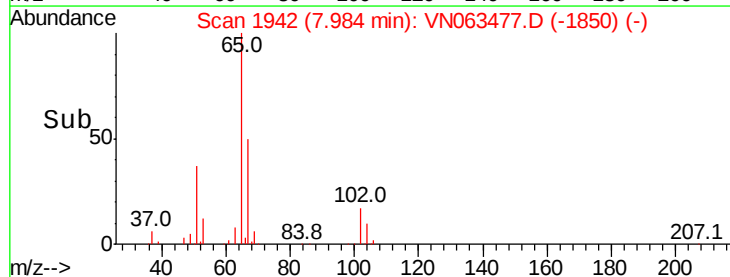
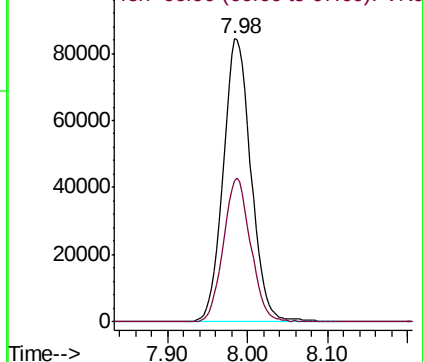


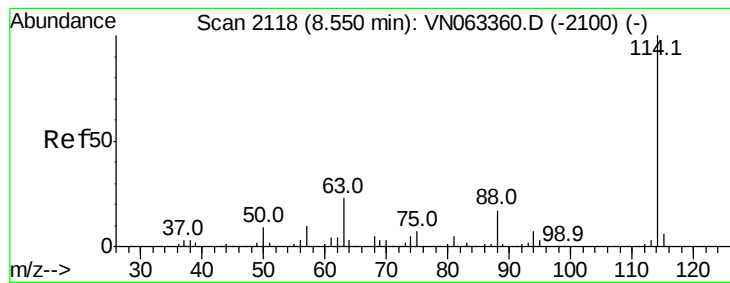
#33
1,2-Dichloroethane-d4
Concen: 48.186 ug/l
RT: 7.98 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN063477.D
Acq: 21 Sep 2020 11:36

Tgt Ion: 65 Resp: 200461
Ion Ratio Lower Upper
65 100
67 49.7 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VNC
Ion 66.90 (66.60 to 67.60): VNC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063477.D

Acq: 21 Sep 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBL01

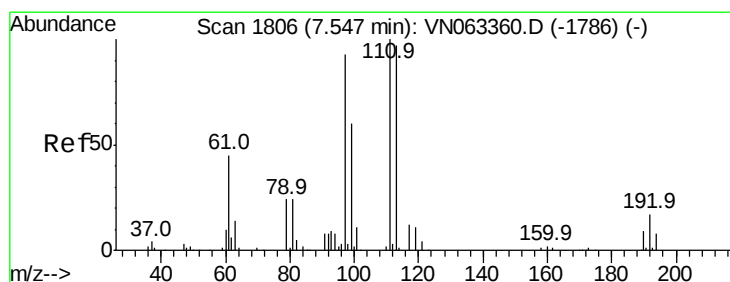
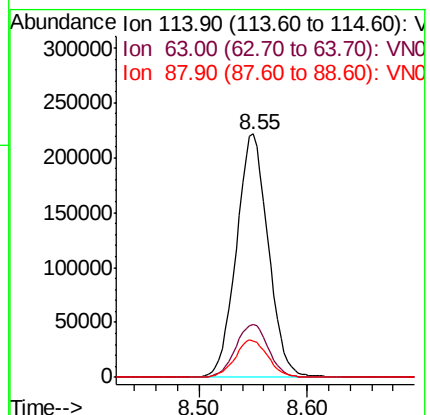
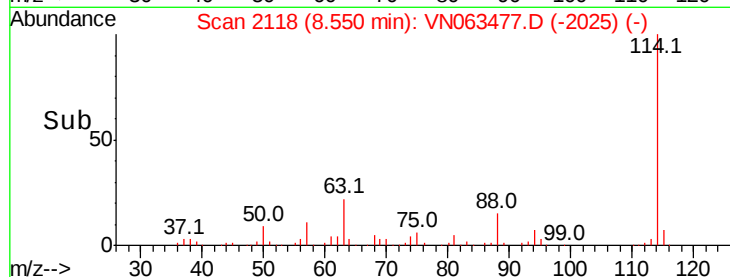
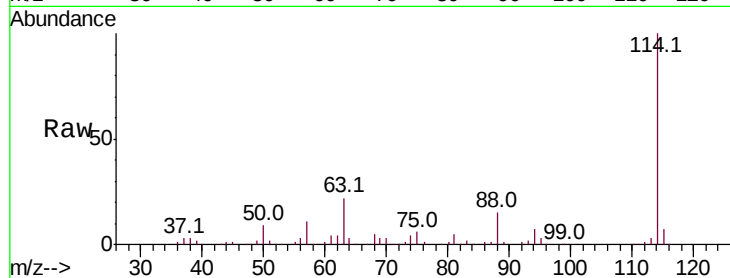
Tot Ion:114 Resp: 455667

Ion Ratio Lower Upper

114 100

63 21.9 0.0 46.4

88 15.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 46.314 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063477.D

Acq: 21 Sep 2020 11:36

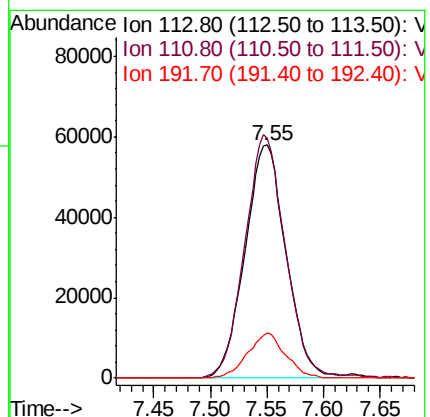
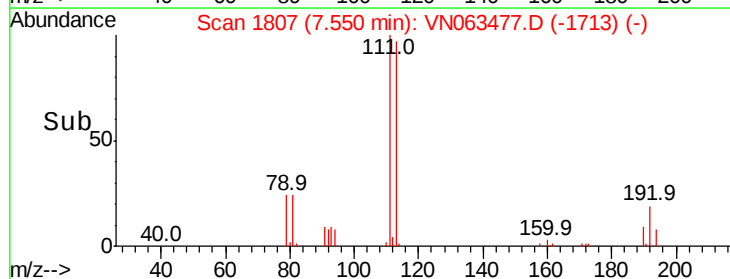
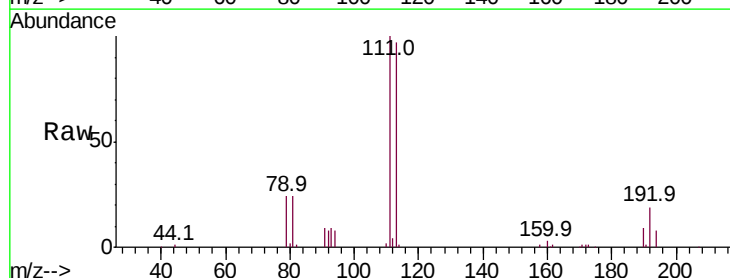
Tgt Ion:113 Resp: 146096

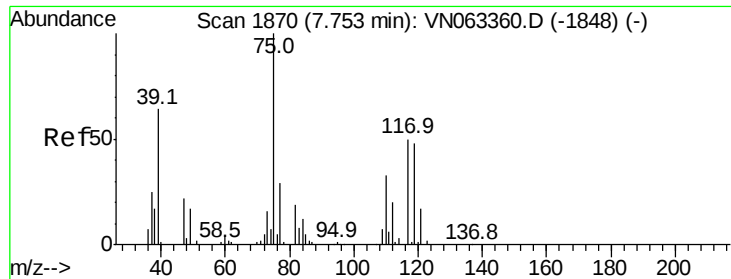
Ion Ratio Lower Upper

113 100

111 103.7 82.9 124.3

192 17.8 13.9 20.9





#36

1,1-Dichloropropene

Concen: 4.698 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.13 min

Lab File: VN063477.D

Acq: 21 Sep 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBL01

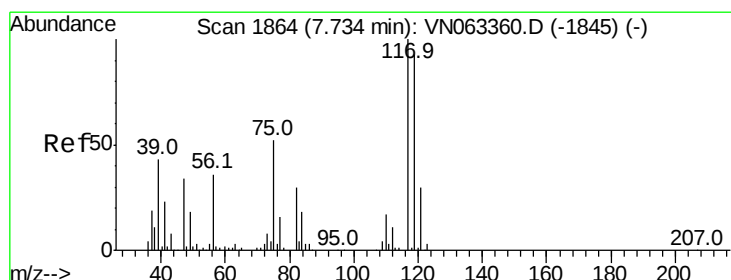
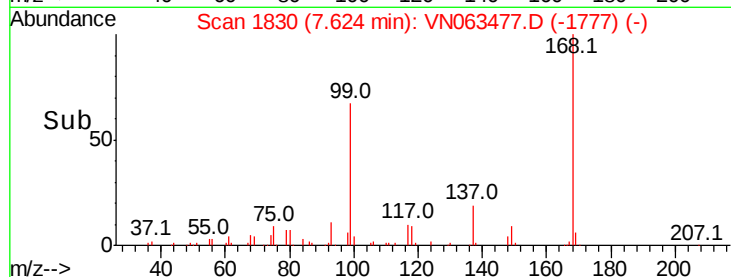
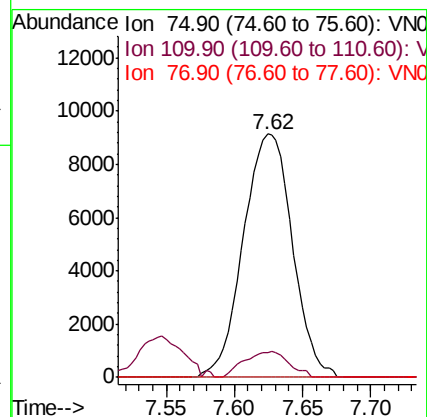
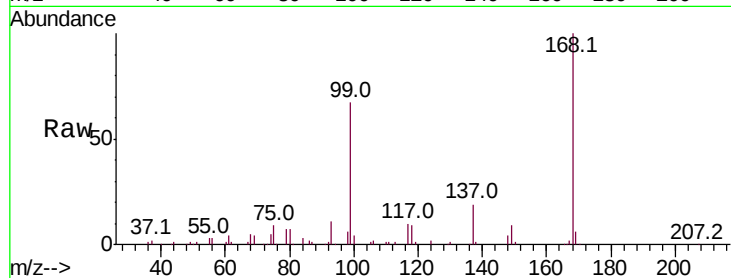
Tot Ion: 75 Resp: 22804

Ion Ratio Lower Upper

75 100

110 9.7 16.5 49.5#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 5.123 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.11 min

Lab File: VN063477.D

Acq: 21 Sep 2020 11:36

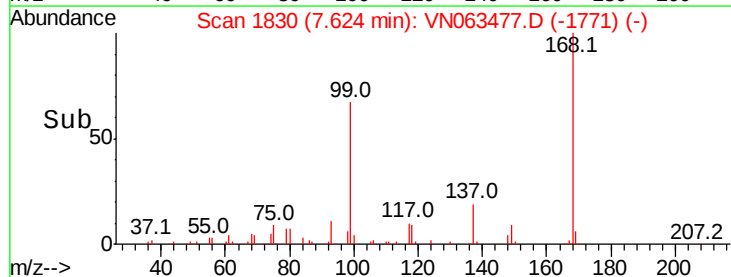
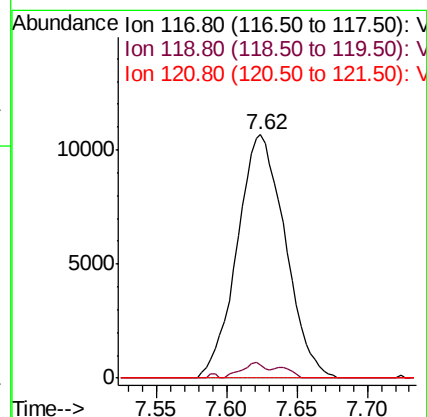
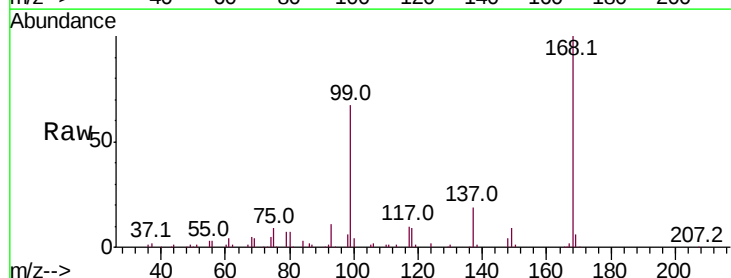
Tgt Ion: 117 Resp: 25388

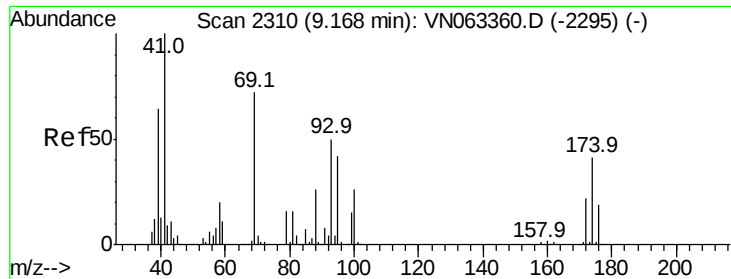
Ion Ratio Lower Upper

117 100

119 5.5 74.5 111.7#

121 0.0 24.1 36.1#

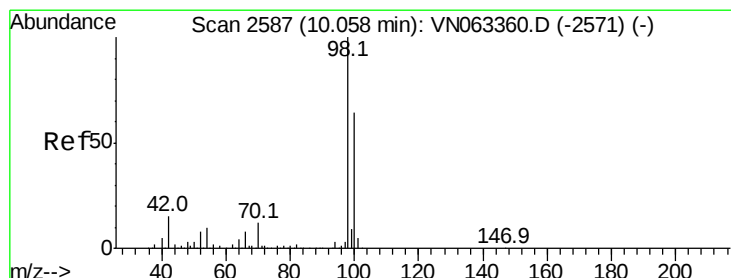
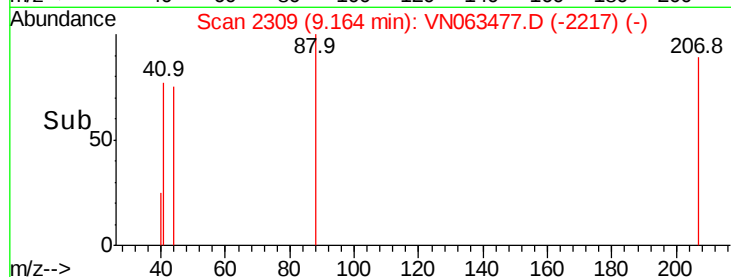
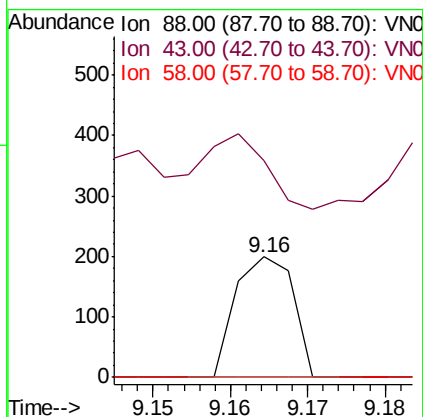
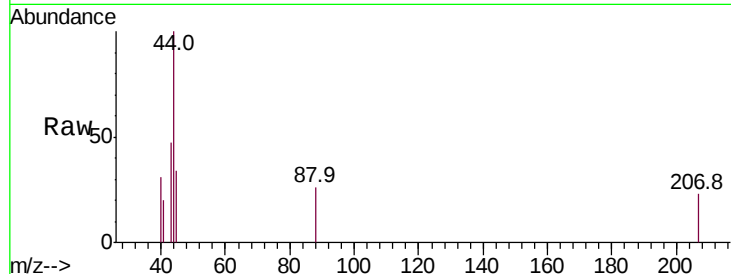




#49
 1,4-Dioxane
 Concen: 1.715 ug/l
 RT: 9.16 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN063477.D
 Acq: 21 Sep 2020 11:36

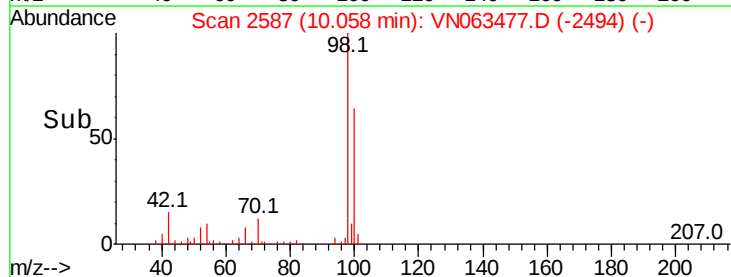
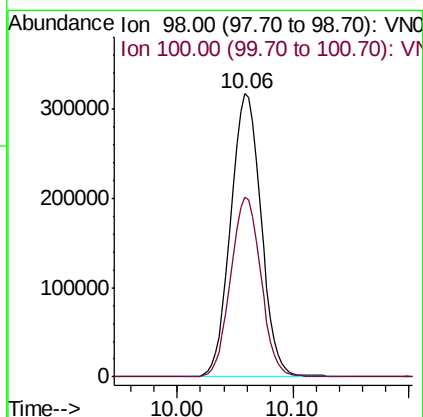
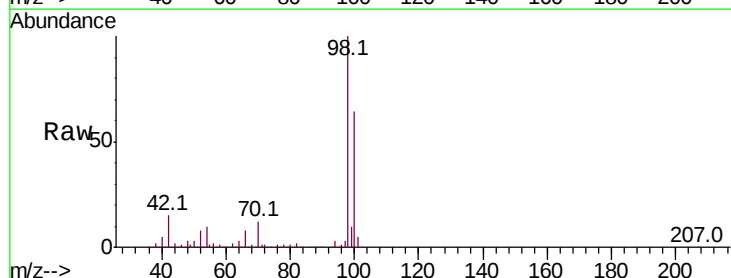
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBL01

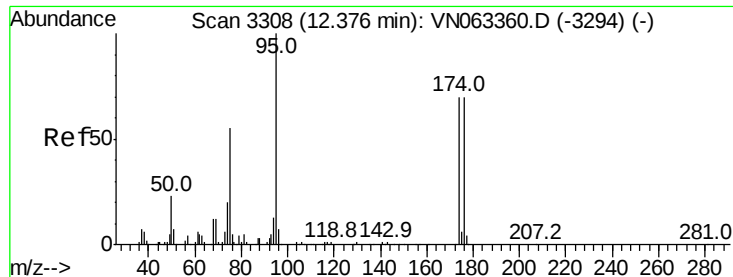
Tot Ion: 88 Resp: 103
 Ion Ratio Lower Upper
 88 100
 43 56.3 32.6 49.0#
 58 0.0 60.0 90.0#



#50
 Toluene-d8
 Concen: 48.533 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN063477.D
 Acq: 21 Sep 2020 11:36

Tgt Ion: 98 Resp: 575672
 Ion Ratio Lower Upper
 98 100
 100 63.1 50.7 76.1





#62

4-Bromofluorobenzene

Concen: 52.161 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063477.D

Acq: 21 Sep 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBL01

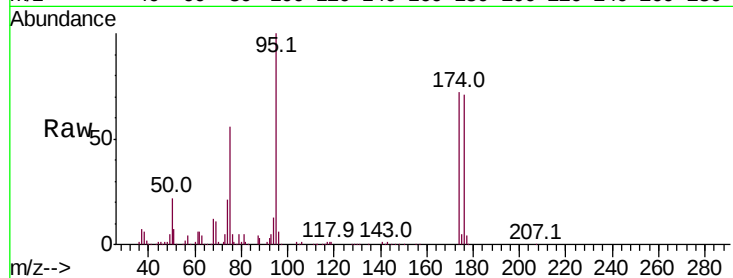
Tot Ion: 95 Resp: 226807

Ion Ratio Lower Upper

95 100

174 71.4 0.0 140.8

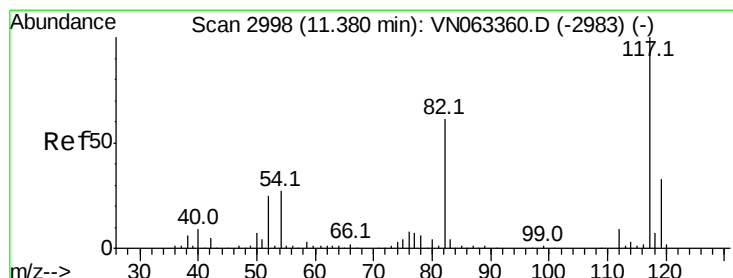
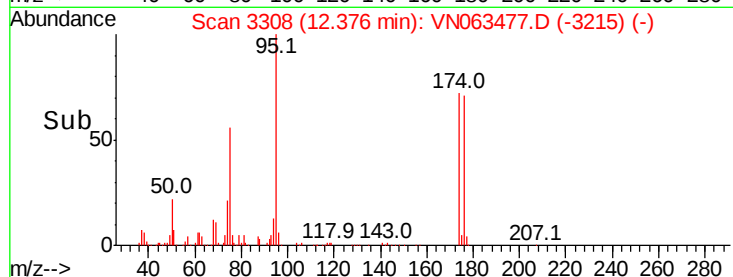
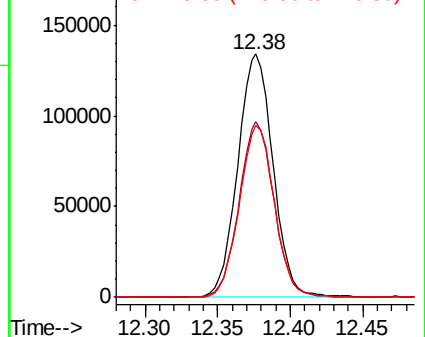
176 70.3 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN063477.D (-2905) (-)

Ion 173.80 (173.50 to 174.50): VN063477.D (-2905) (-)

Ion 175.80 (175.50 to 176.50): VN063477.D (-2905) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN063477.D

Acq: 21 Sep 2020 11:36

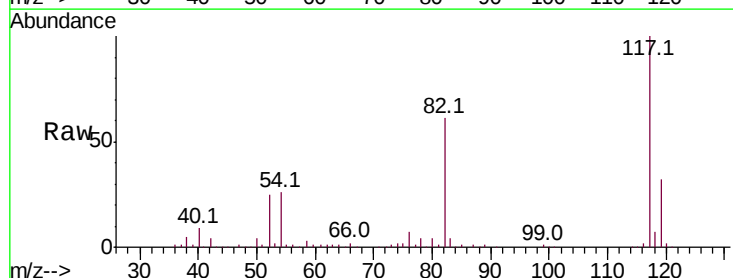
Tgt Ion: 117 Resp: 445084

Ion Ratio Lower Upper

117 100

82 61.3 49.2 73.8

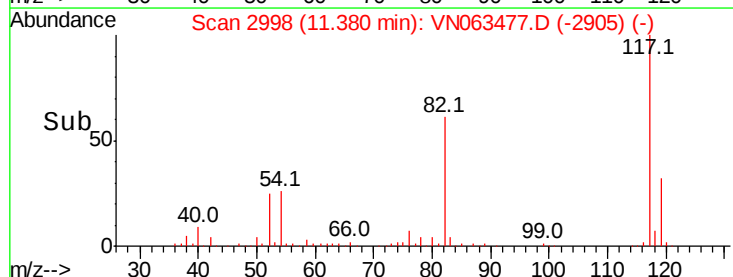
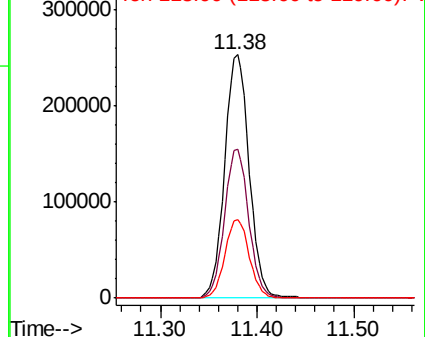
119 32.4 26.2 39.4

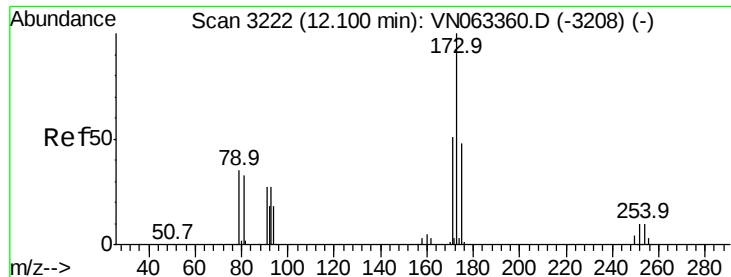


Abundance Ion 116.90 (116.60 to 117.60): VN063477.D (-2905) (-)

Ion 82.00 (81.70 to 82.70): VN063477.D (-2905) (-)

Ion 118.90 (118.60 to 119.60): VN063477.D (-2905) (-)





#71

Bromoform

Concen: 0.315 ug/l

RT: 12.37 min Scan# 3306

Delta R.T. 0.27 min

Lab File: VN063477.D

Acq: 21 Sep 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBL01

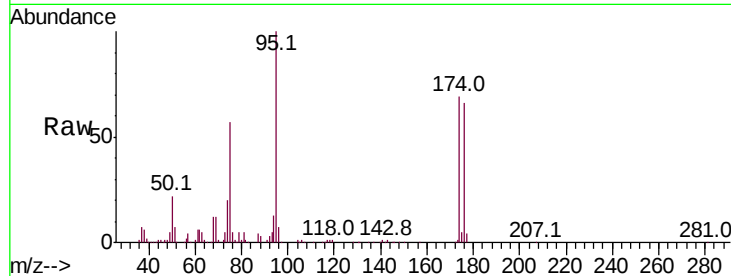
Tot Ion:173 Resp: 812

Ion Ratio Lower Upper

173 100

175 1263.7 24.0 72.0#

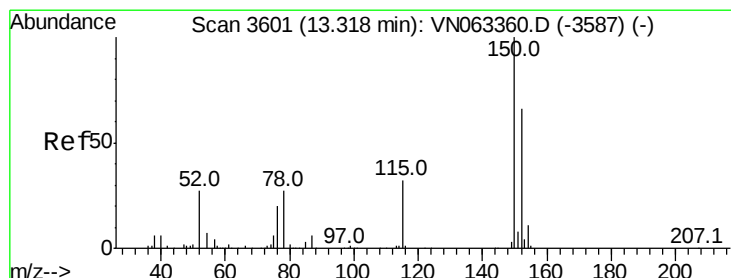
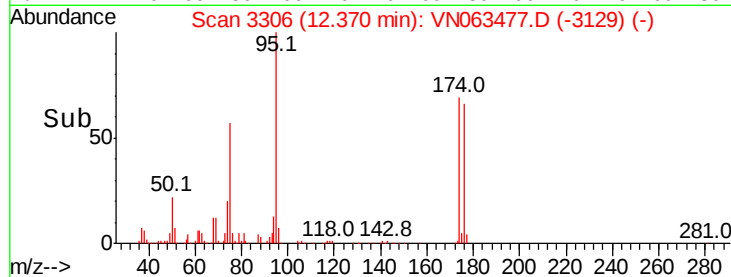
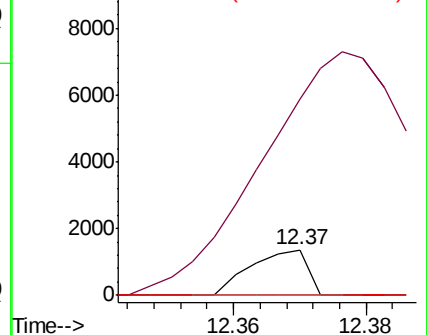
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): 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: VN063477.D

Acq: 21 Sep 2020 11:36

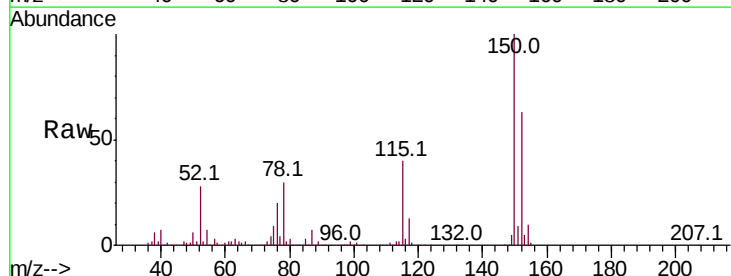
Tgt Ion:152 Resp: 193145

Ion Ratio Lower Upper

152 100

115 64.9 32.2 96.6

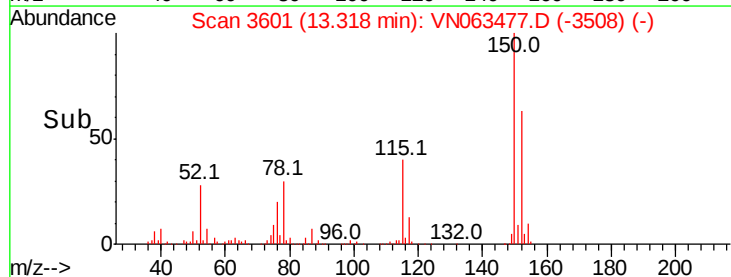
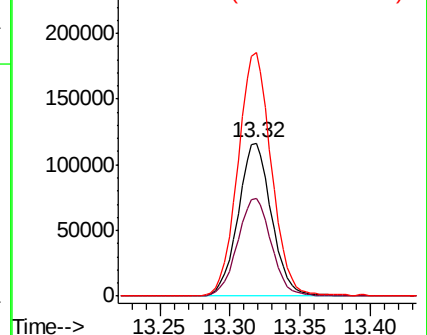
150 159.9 0.0 343.4

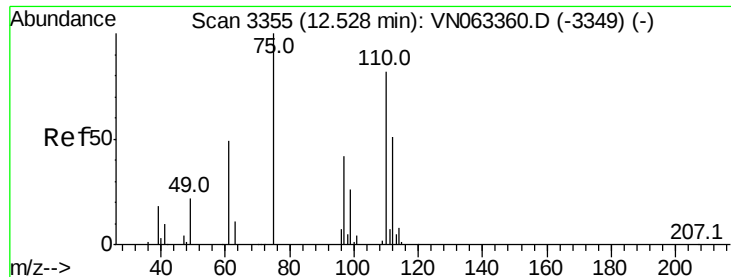


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 26.506 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063477.D

Acq: 21 Sep 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

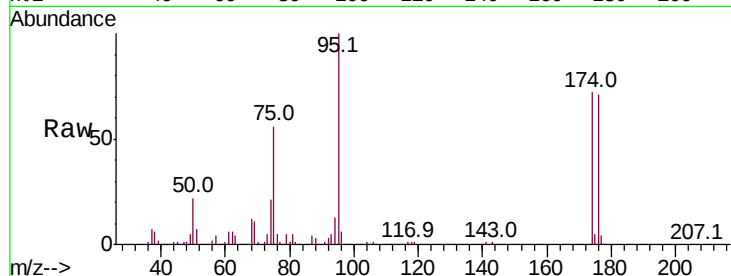
VN0921WBL01

Tot Ion: 75 Resp: 126715

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

80000

60000

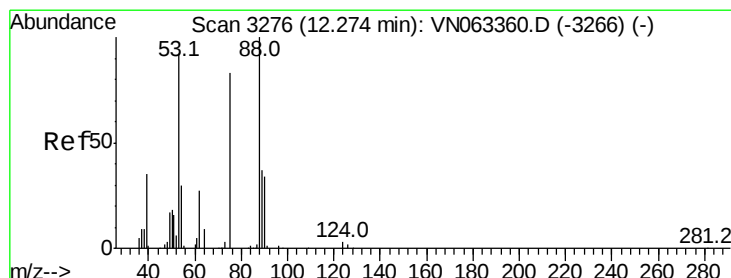
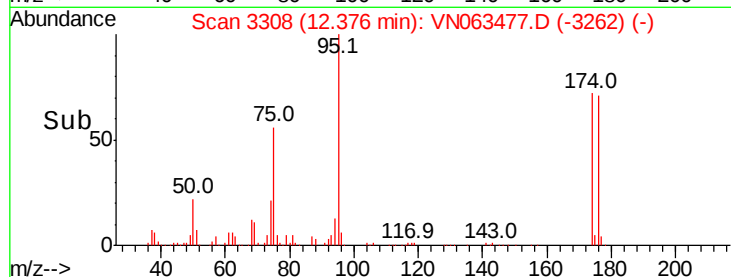
40000

20000

0

12.30 12.40

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 72.670 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063477.D

Acq: 21 Sep 2020 11:36

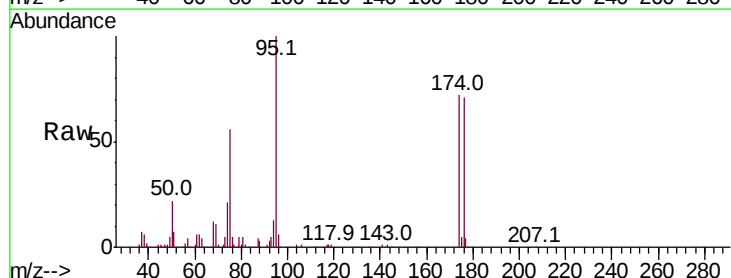
Tgt Ion: 75 Resp: 126715

Ion Ratio Lower Upper

75 100

53 0.0 85.7 128.5#

89 0.1 38.0 57.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

100000

80000

60000

40000

20000

0

12.30 12.40

Time-->

