

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092220\
 Data File : VN063554.D
 Acq On : 23 Sep 2020 00:52
 Operator : JC/MD
 Sample : VN0922WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0922WBL02

Quant Time: Sep 23 05:51:06 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	221340	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	411365	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	415357	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	171782	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	185490	49.23	ug/l	0.00
Spiked Amount						
			Recovery	=	98.46%	
35) Dibromofluoromethane	7.55	113	134632	47.28	ug/l	0.00
Spiked Amount						
			Recovery	=	94.56%	
50) Toluene-d8	10.06	98	530356	49.53	ug/l	0.00
Spiked Amount						
			Recovery	=	99.06%	
62) 4-Bromofluorobenzene	12.38	95	205754	52.42	ug/l	0.00
Spiked Amount						
			Recovery	=	104.84%	

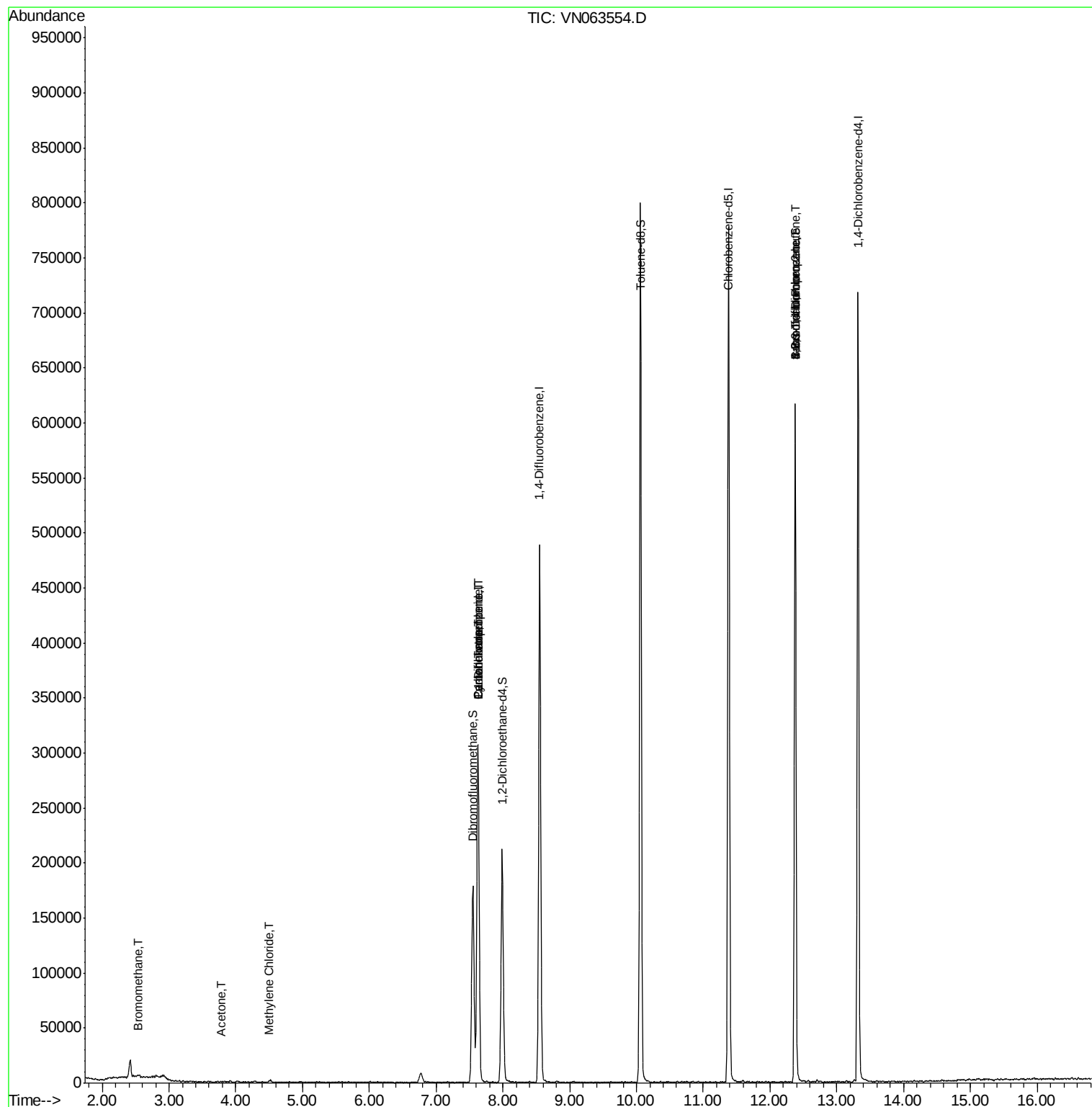
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.54	94	624	0.358	ug/l	89
16) Acetone	3.78	43	361	0.298	ug/l #	47
20) Methylene Chloride	4.50	84	901	0.294	ug/l #	59
31) Cyclohexane	7.62	56	6892	1.324	ug/l #	26
36) 1,1-Dichloropropene	7.63	75	21680	4.947	ug/l #	51
38) Carbon Tetrachloride	7.62	117	24992	5.586	ug/l #	18
71) Bromoform	12.37	173	740	0.307	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	117074	27.535	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	117074	75.490	ug/l #	7

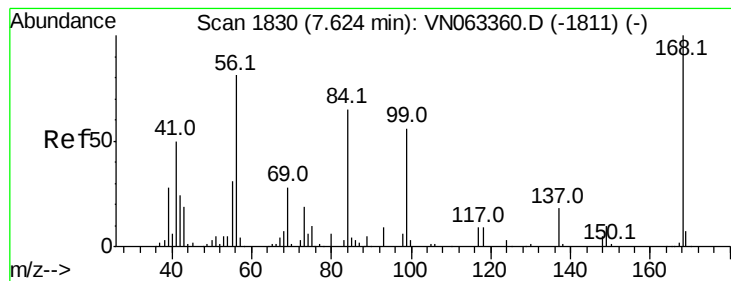
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092220\
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Quant Time: Sep 23 05:51:06 2020
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: VN063554.D

Acq: 23 Sep 2020 00:52

Instrument :

MSVOA_N

ClientSampleId :

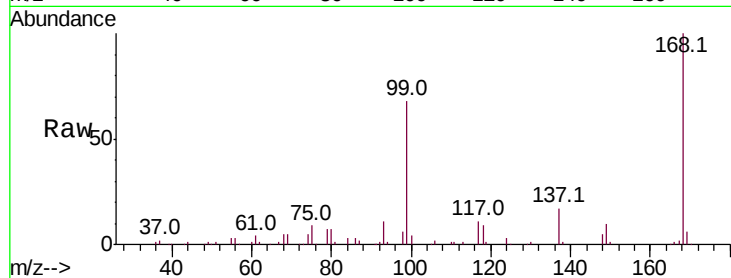
VN0922WBL02

Tot Ion:168 Resp: 221340

Ion Ratio Lower Upper

168 100

99 68.1 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

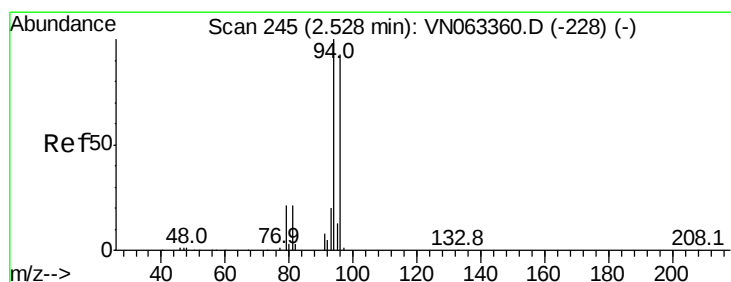
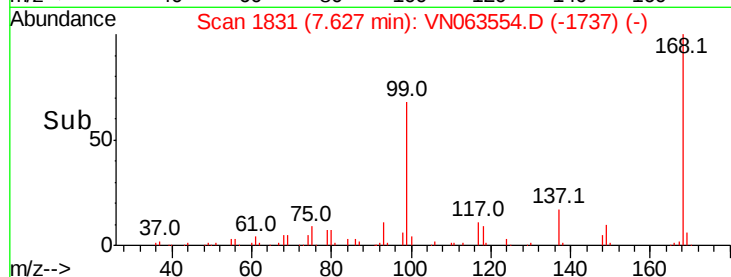
60000

40000

20000

0

Time-->



#5

Bromomethane

Concen: 0.358 ug/l

RT: 2.54 min Scan# 250

Delta R.T. 0.02 min

Lab File: VN063554.D

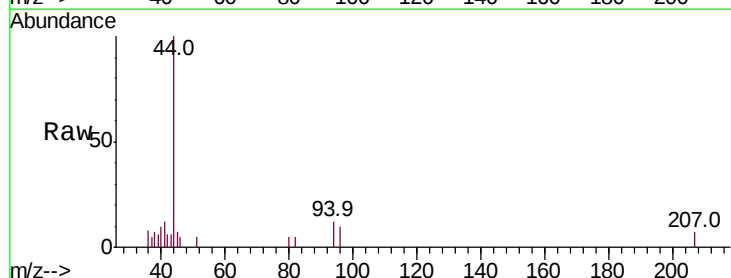
Acq: 23 Sep 2020 00:52

Tgt Ion: 94 Resp: 624

Ion Ratio Lower Upper

94 100

96 82.6 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VN

Ion 95.90 (95.60 to 96.60): VN

2.54

400

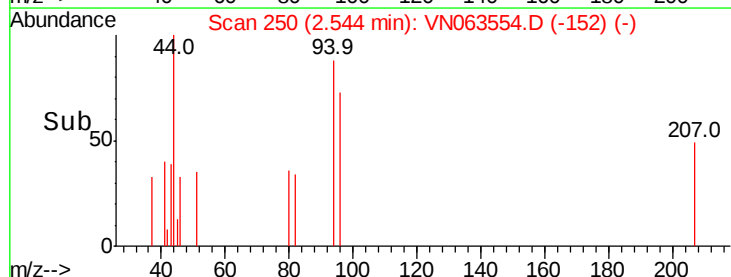
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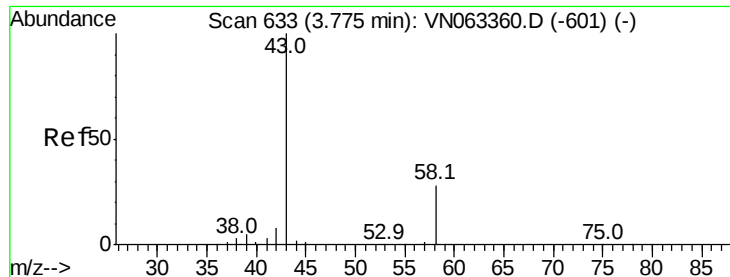
200

100

0

Time-->





#16

Acetone

Concen: 0.298 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN063554.D

Acq: 23 Sep 2020 00:52

Instrument :

MSVOA_N

ClientSampleId :

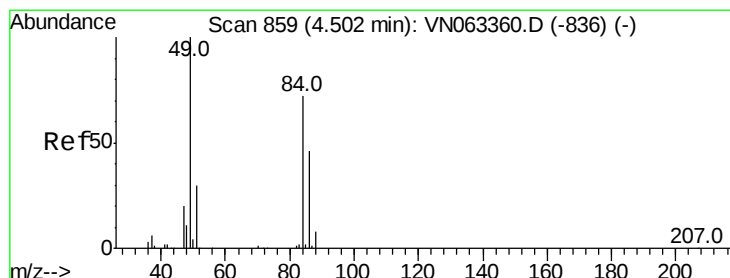
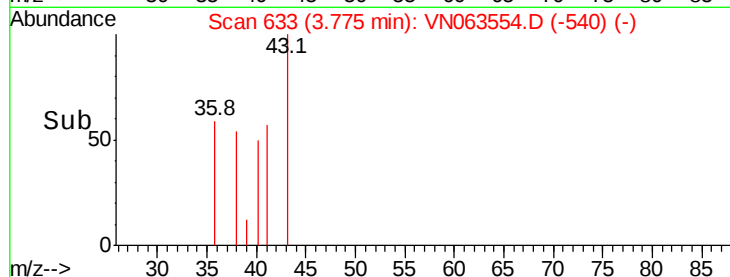
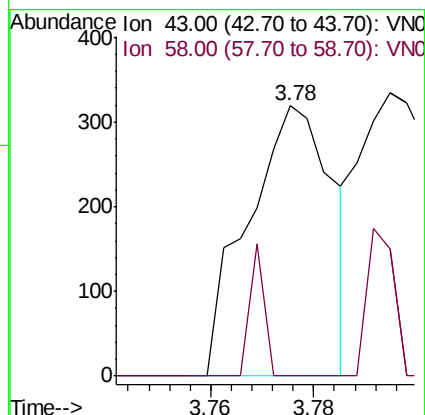
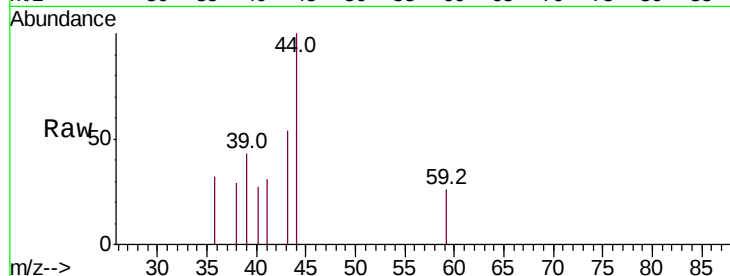
VN0922WBL02

Tot Ion: 43 Resp: 361

Ion Ratio Lower Upper

43 100

58 0.0 22.3 33.5#



#20

Methylene Chloride

Concen: 0.294 ug/l

RT: 4.50 min Scan# 858

Delta R.T. -0.00 min

Lab File: VN063554.D

Acq: 23 Sep 2020 00:52

Tgt Ion: 84 Resp: 901

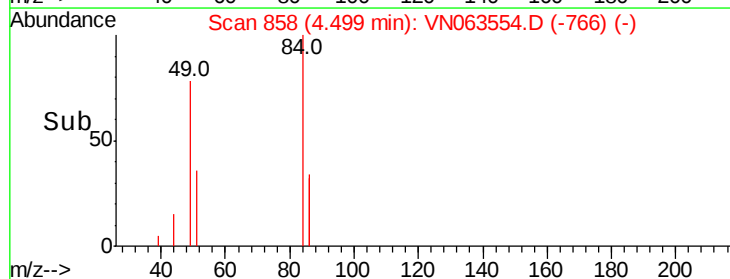
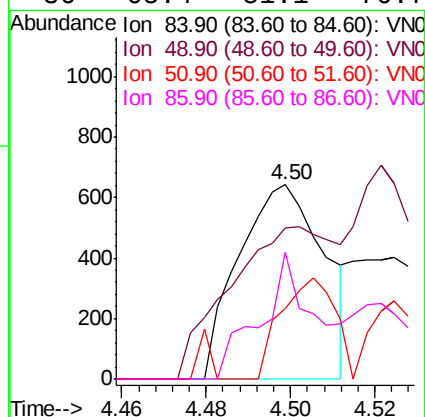
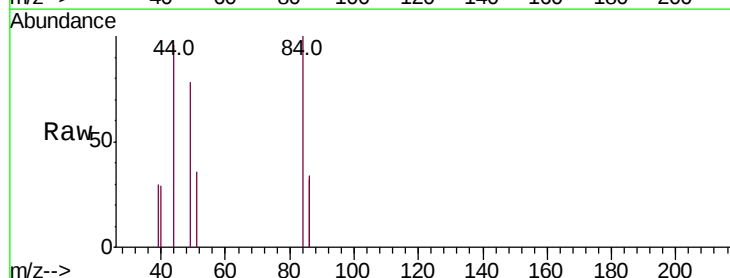
Ion Ratio Lower Upper

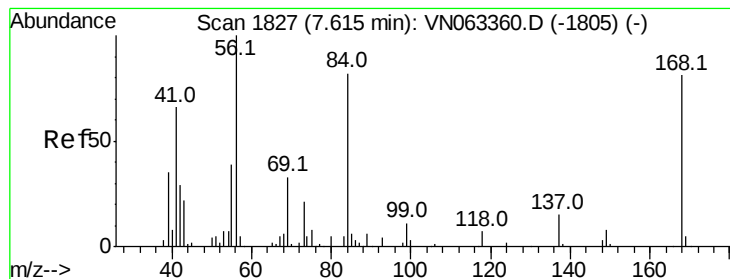
84 100

49 54.4 110.7 166.1#

51 36.3 32.9 49.3

86 65.4 51.1 76.7





#31

Cyclohexane

Concen: 1.324 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. 0.01 min

Lab File: VN063554.D

Acq: 23 Sep 2020 00:52

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBL02

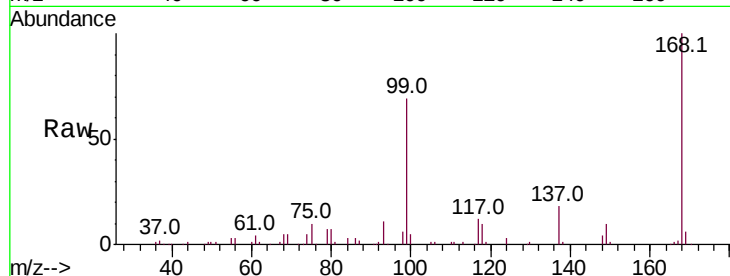
Tot Ion: 56 Resp: 6892

Ion Ratio Lower Upper

56 100

69 158.1 26.1 39.1#

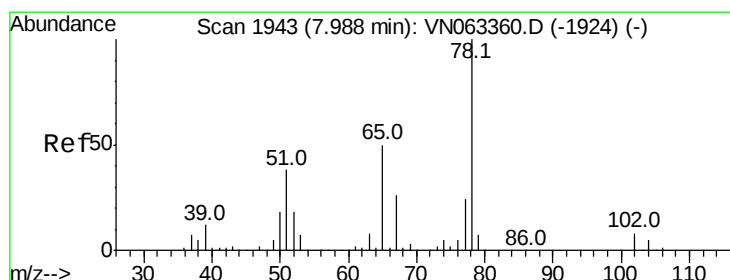
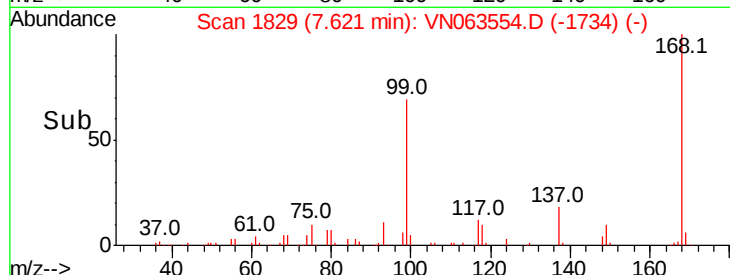
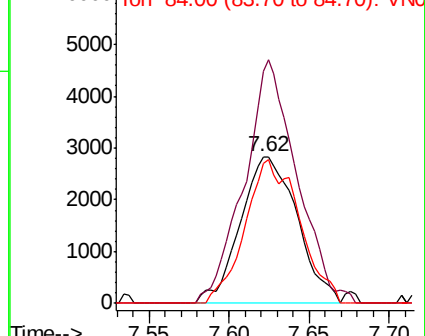
84 95.0 65.4 98.2



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: 49.230 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063554.D

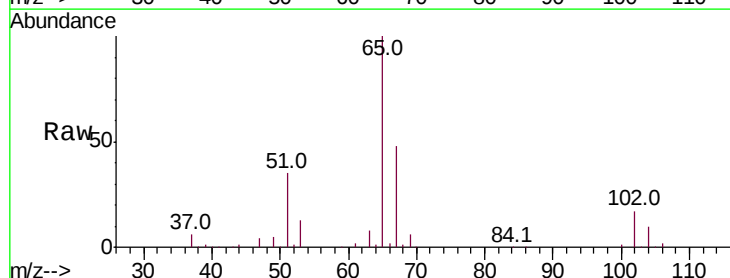
Acq: 23 Sep 2020 00:52

Tgt Ion: 65 Resp: 185490

Ion Ratio Lower Upper

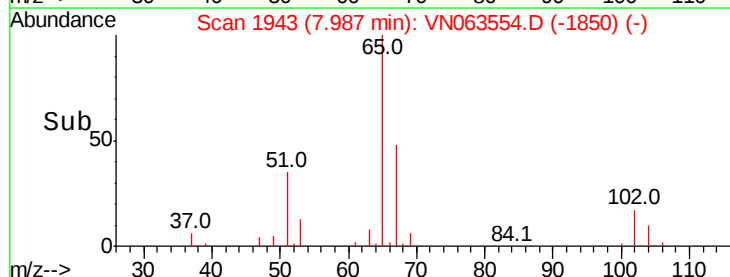
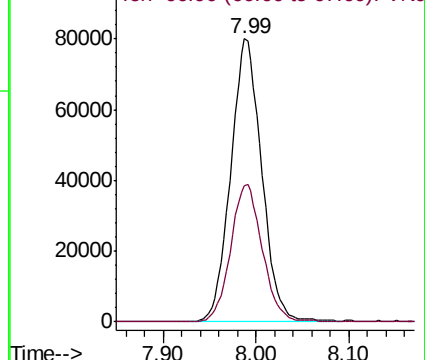
65 100

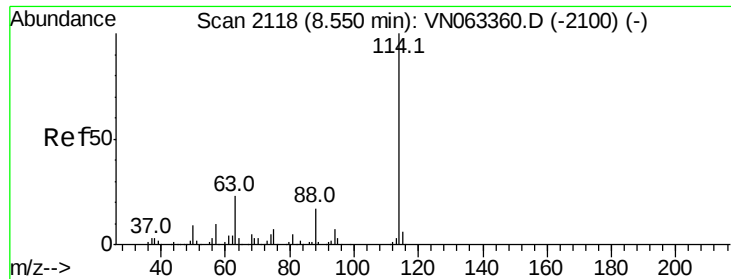
67 49.5 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

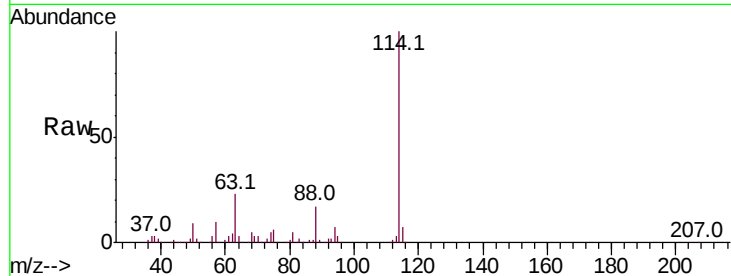




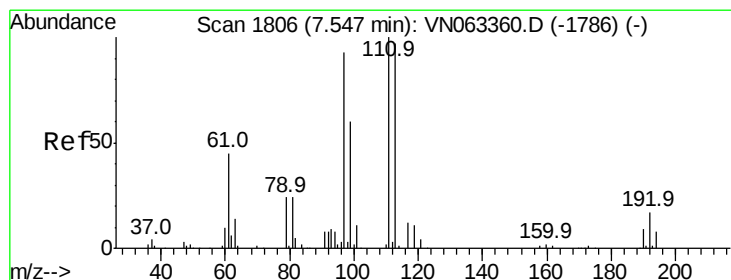
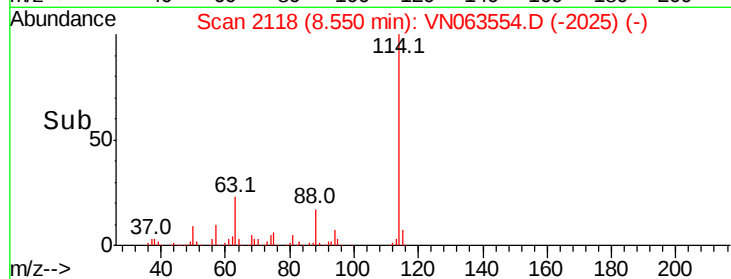
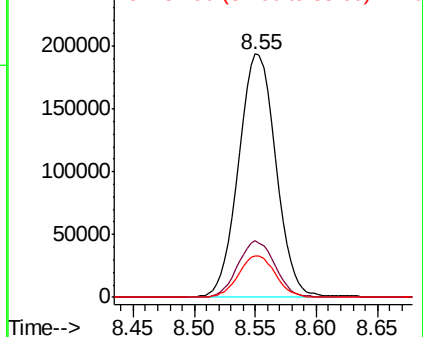
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063554.D
 Acq: 23 Sep 2020 00:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0922WBL02

Tot Ion:114 Resp: 411365
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 46.4
 88 17.0 0.0 33.2

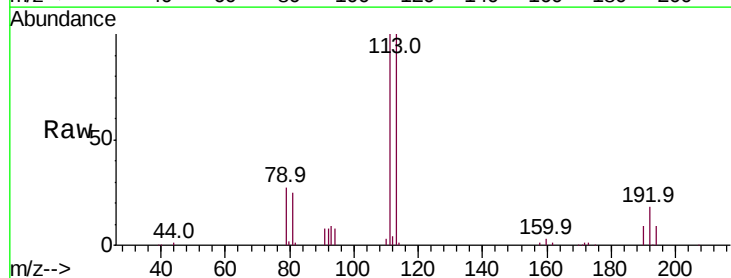


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

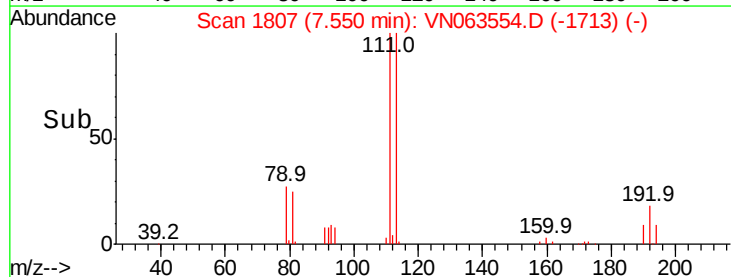
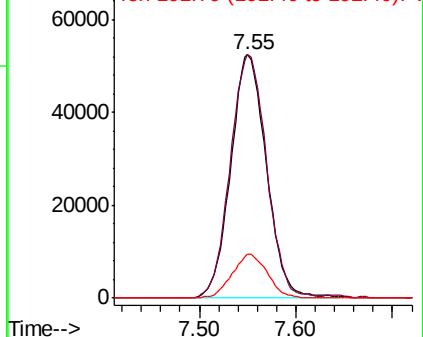


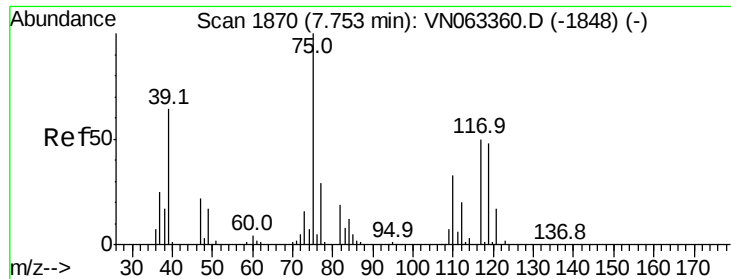
#35
 Dibromofluoromethane
 Concen: 47.276 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063554.D
 Acq: 23 Sep 2020 00:52

Tgt Ion:113 Resp: 134632
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.9 124.3
 192 17.9 13.9 20.9



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

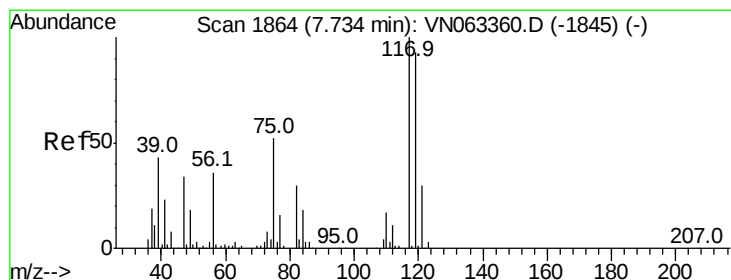
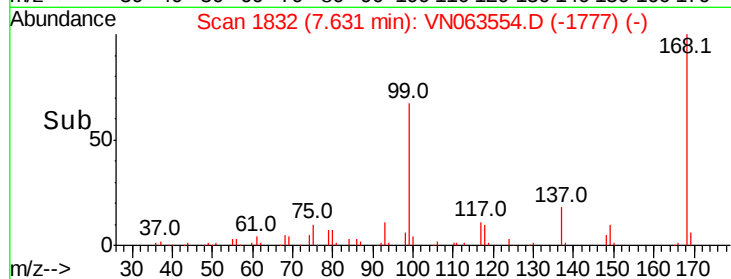
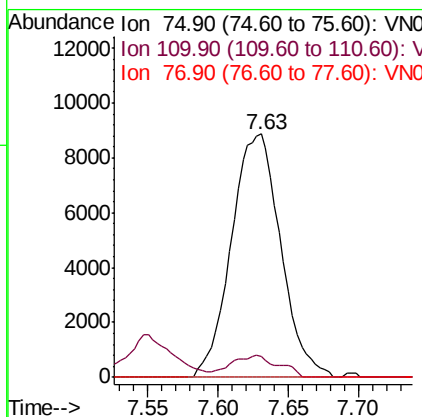
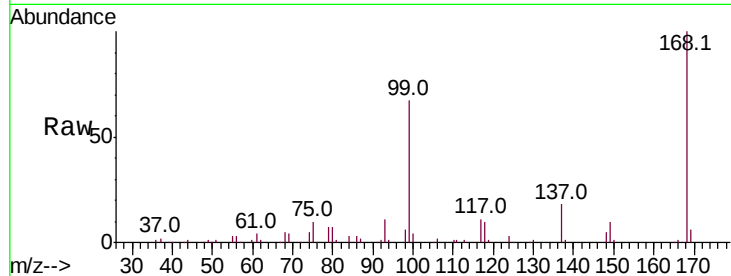




#36
 1,1-Dichloropropene
 Concen: 4.947 ug/l
 RT: 7.63 min Scan# 1832
 Delta R.T. -0.12 min
 Lab File: VN063554.D
 Acq: 23 Sep 2020 00:52

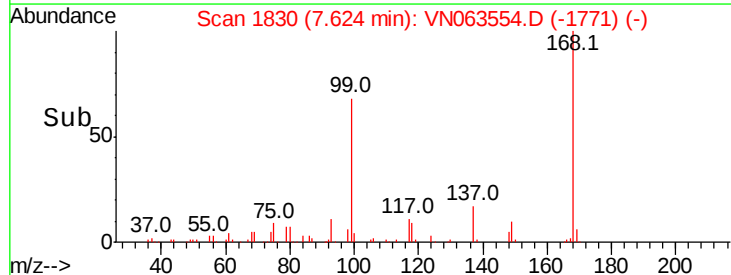
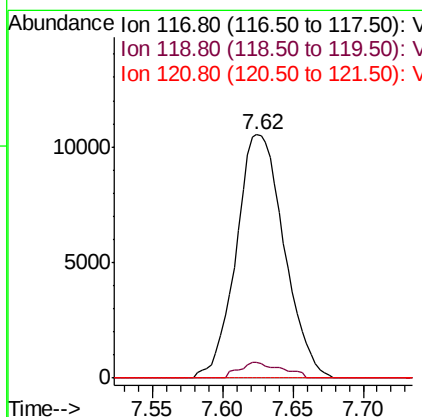
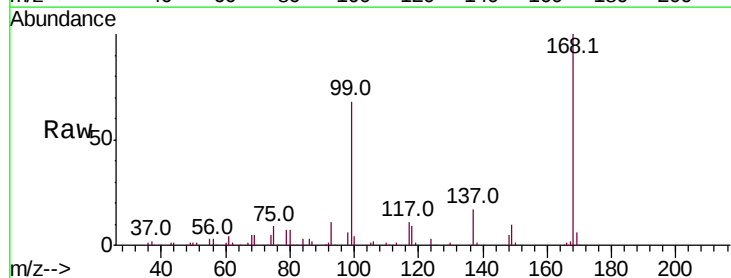
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0922WBL02

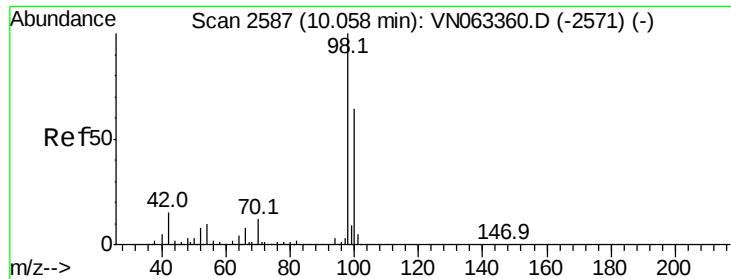
Tot Ion: 75 Resp: 21680
 Ion Ratio Lower Upper
 75 100
 110 8.7 16.5 49.5#
 77 0.0 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 5.586 ug/l
 RT: 7.62 min Scan# 1830
 Delta R.T. -0.11 min
 Lab File: VN063554.D
 Acq: 23 Sep 2020 00:52

Tgt Ion: 117 Resp: 24992
 Ion Ratio Lower Upper
 117 100
 119 6.6 74.5 111.7#
 121 0.0 24.1 36.1#





#50

Toluene-d8

Concen: 49.528 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063554.D

Acq: 23 Sep 2020 00:52

Instrument :

MSVOA_N

ClientSampleId :

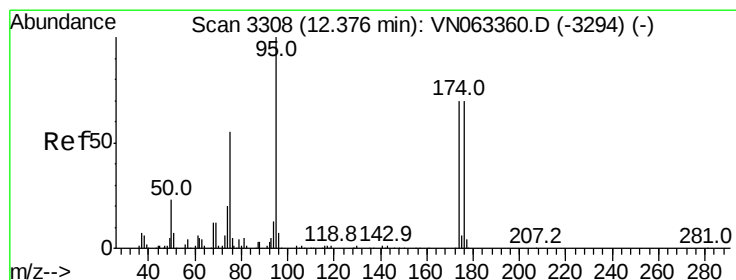
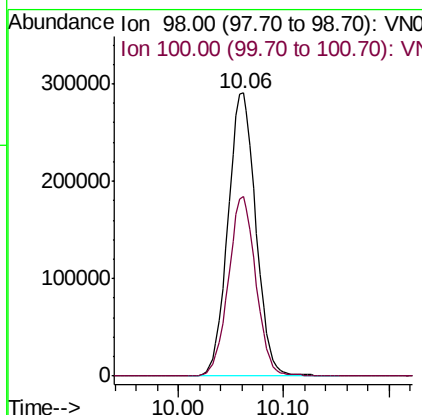
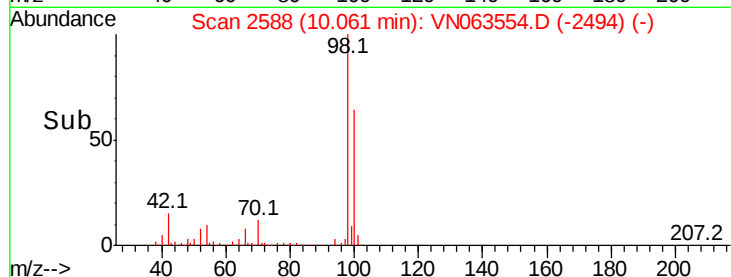
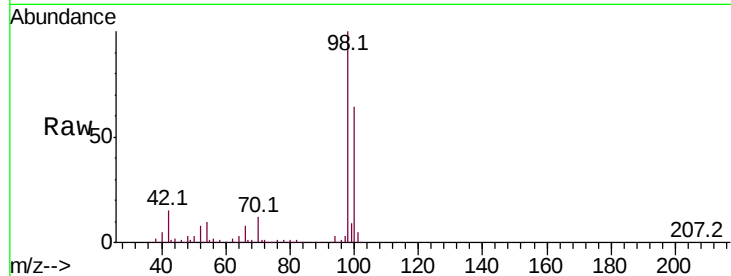
VN0922WBL02

Tot Ion: 98 Resp: 530356

Ion Ratio Lower Upper

98 100

100 62.6 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 52.416 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063554.D

Acq: 23 Sep 2020 00:52

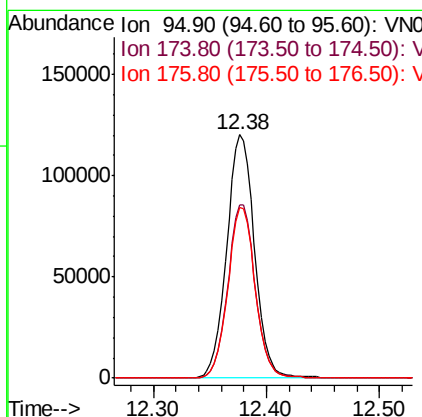
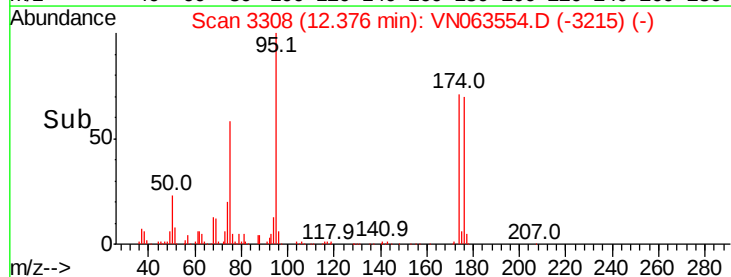
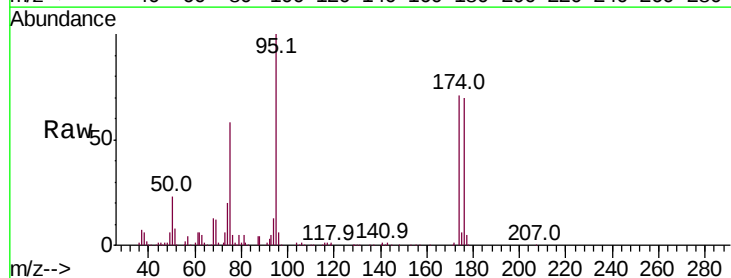
Tgt Ion: 95 Resp: 205754

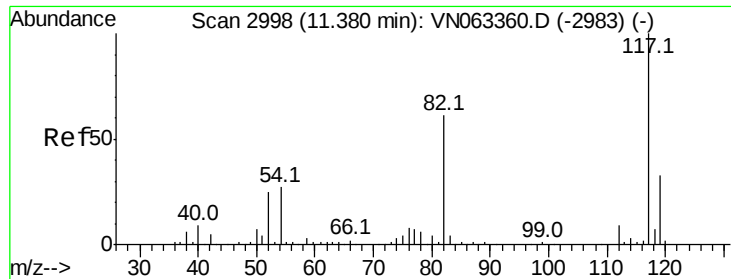
Ion Ratio Lower Upper

95 100

174 70.3 0.0 140.8

176 69.1 0.0 137.6

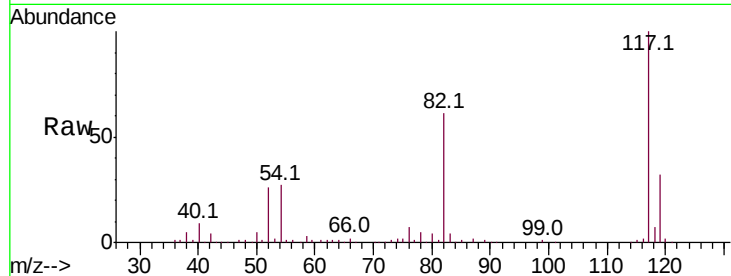




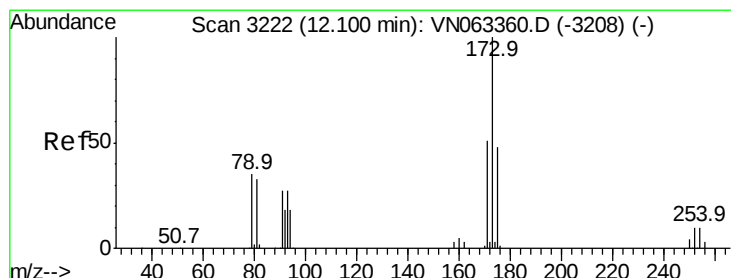
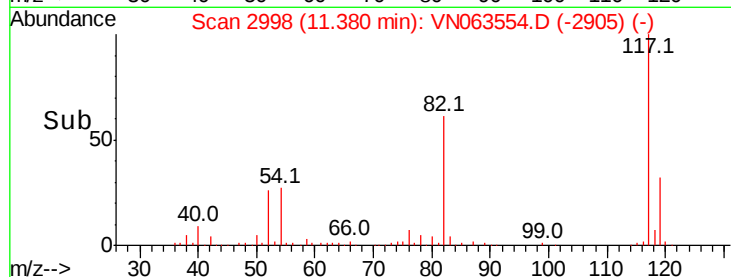
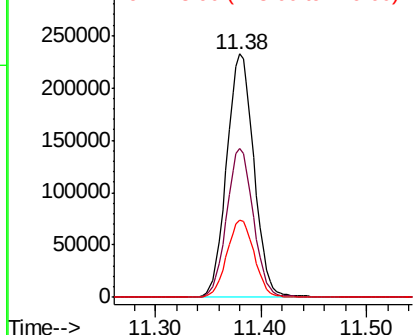
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063554.D
Acq: 23 Sep 2020 00:52

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBL02

Tot Ion:117 Resp: 415357
Ion Ratio Lower Upper
117 100
82 61.3 49.2 73.8
119 31.9 26.2 39.4

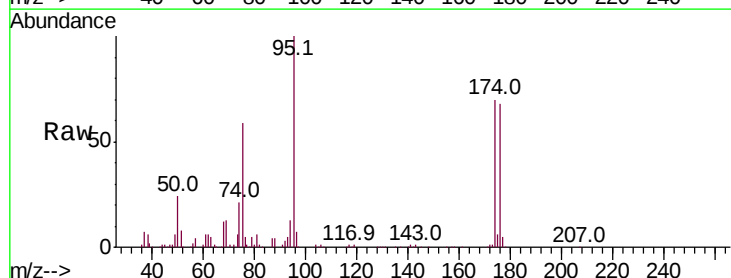


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

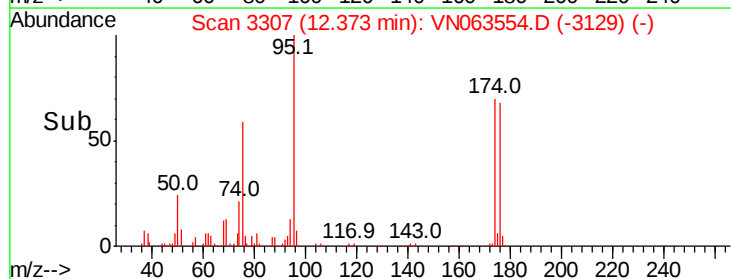
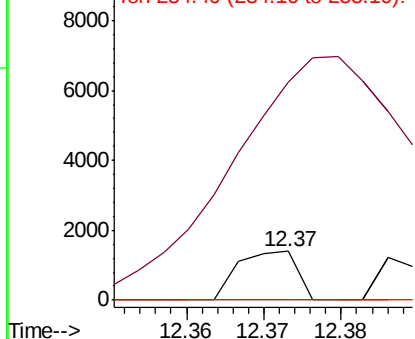


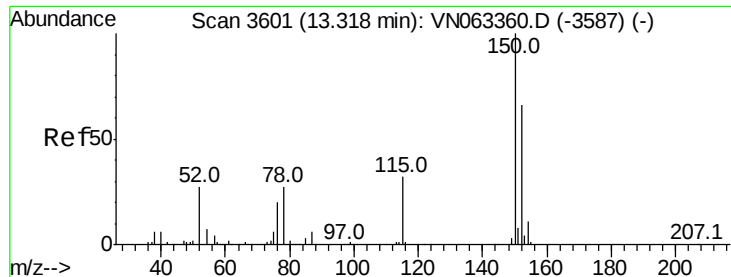
#71
Bromoform
Concen: 0.307 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. 0.27 min
Lab File: VN063554.D
Acq: 23 Sep 2020 00:52

Tgt Ion:173 Resp: 740
Ion Ratio Lower Upper
173 100
175 1283.5 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: VN063554.D

Acq: 23 Sep 2020 00:52

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBL02

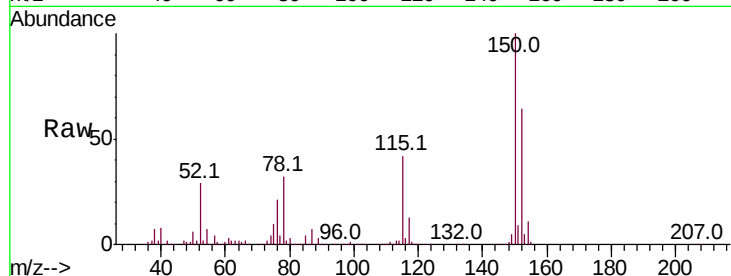
Tot Ion:152 Resp: 171782

Ion Ratio Lower Upper

152 100

115 64.1 32.2 96.6

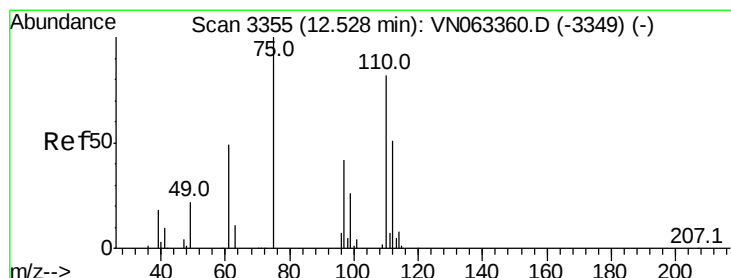
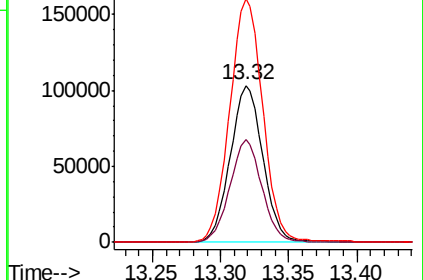
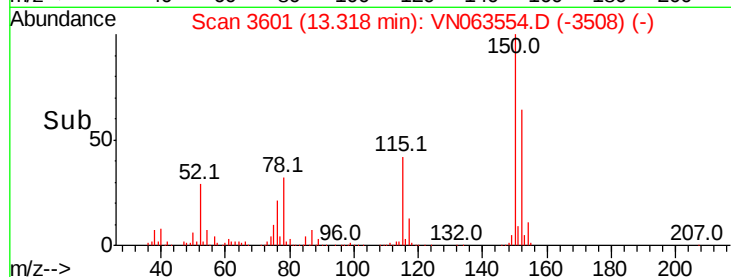
150 157.0 0.0 343.4



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: 27.535 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063554.D

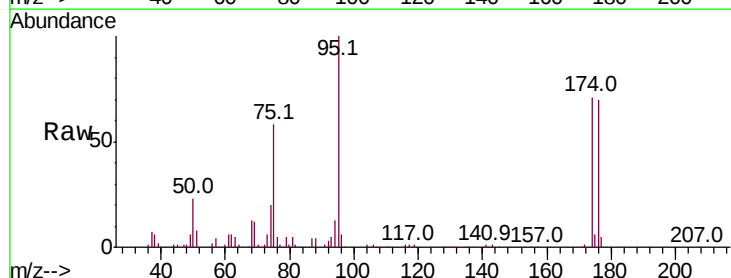
Acq: 23 Sep 2020 00:52

Tgt Ion: 75 Resp: 117074

Ion Ratio Lower Upper

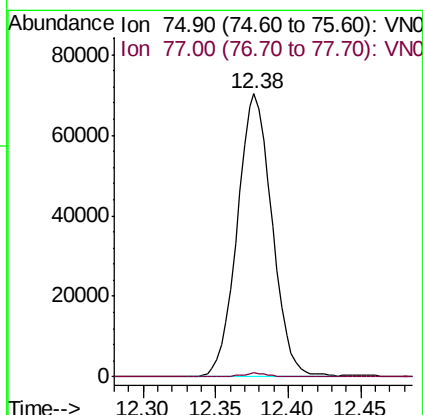
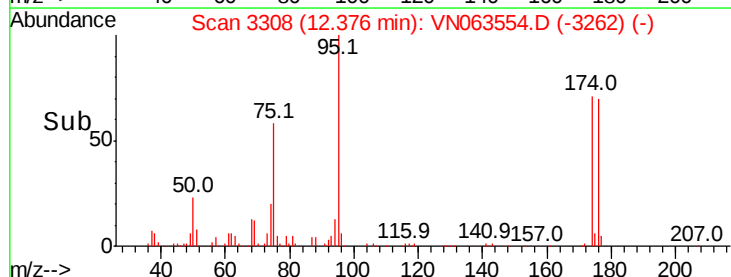
75 100

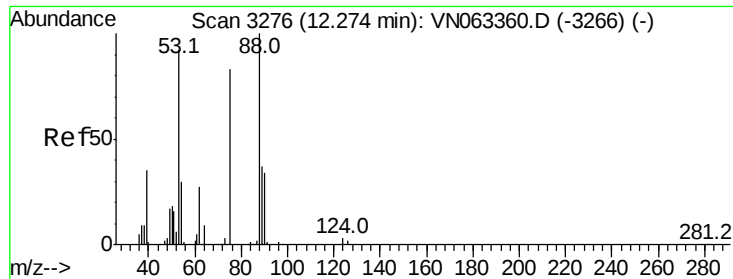
77 1.1 0.0 0.0#



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: 75.490 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063554.D

Acq: 23 Sep 2020 00:52

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBL02

Tot Ion: 75 Resp: 117074

Ion Ratio Lower Upper

75 100

53 0.0 85.7 128.5#

89 0.0 38.0 57.0#

