

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092220\
 Data File : VN063532.D
 Acq On : 22 Sep 2020 14:56
 Operator : JC/MD
 Sample : L4038-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: Sep 23 04:01:20 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	226424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	423841	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	425745	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	182365	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	186576	48.41	ug/l	0.00
Spiked Amount			Recovery	=	96.82%	
35) Dibromofluoromethane	7.55	113	137311	46.80	ug/l	0.00
Spiked Amount			Recovery	=	93.60%	
50) Toluene-d8	10.06	98	539967	48.94	ug/l	0.00
Spiked Amount			Recovery	=	97.88%	
62) 4-Bromofluorobenzene	12.38	95	215951	53.39	ug/l	0.00
Spiked Amount			Recovery	=	106.78%	

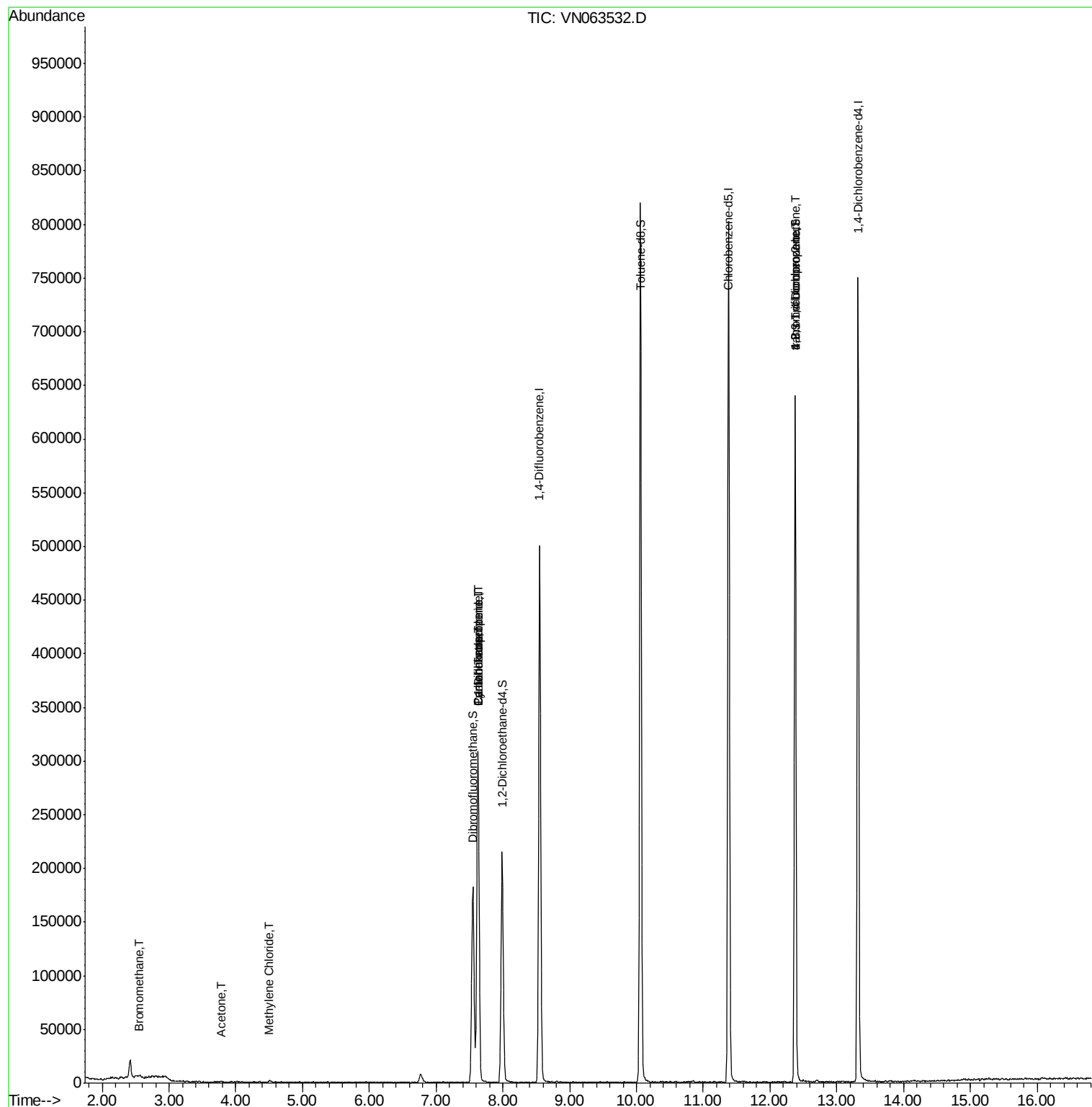
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.55	94	374	0.210	ug/l #	49
16) Acetone	3.79	43	675	0.545	ug/l #	47
20) Methylene Chloride	4.51	84	1129	0.360	ug/l #	64
31) Cyclohexane	7.62	56	6846	1.286	ug/l #	35
36) 1,1-Dichloropropene	7.62	75	21666	4.798	ug/l #	51
38) Carbon Tetrachloride	7.63	117	25163	5.459	ug/l #	17
76) 1,2,3-Trichloropropane	12.38	75	118421	26.235	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	118421	71.928	ug/l #	7

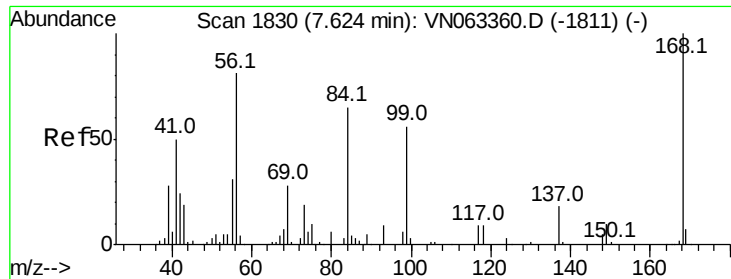
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092220\
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Quant Time: Sep 23 04:01:20 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: VN063532.D

Acq: 22 Sep 2020 14:56

Instrument :

MSVOA_N

ClientSampleId :

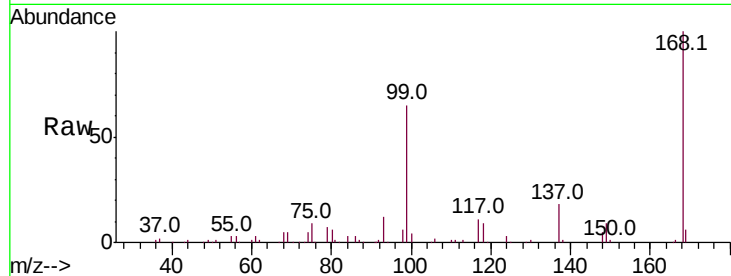
TRIP-BLANK

Tot Ion:168 Resp: 226424

Ion Ratio Lower Upper

168 100

99 65.3 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): VN063532.D (-1737) (-)

Ion 98.90 (98.60 to 99.60): VN063532.D (-1737) (-)

7.63

100000

80000

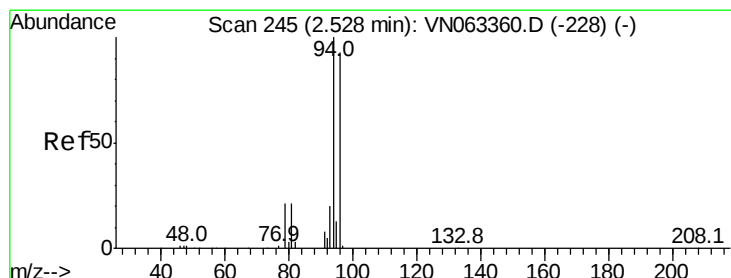
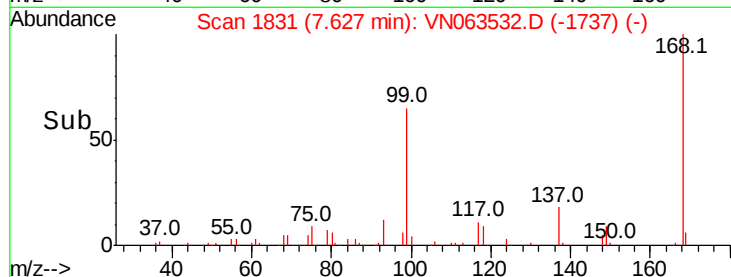
60000

40000

20000

0

Time-->



#5

Bromomethane

Concen: 0.210 ug/l

RT: 2.55 min Scan# 251

Delta R.T. 0.02 min

Lab File: VN063532.D

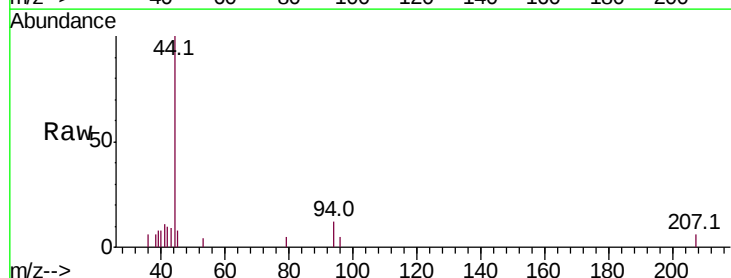
Acq: 22 Sep 2020 14:56

Tgt Ion: 94 Resp: 374

Ion Ratio Lower Upper

94 100

96 43.8 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VN063532.D (-152) (-)

Ion 95.90 (95.60 to 96.60): VN063532.D (-152) (-)

2.55

400

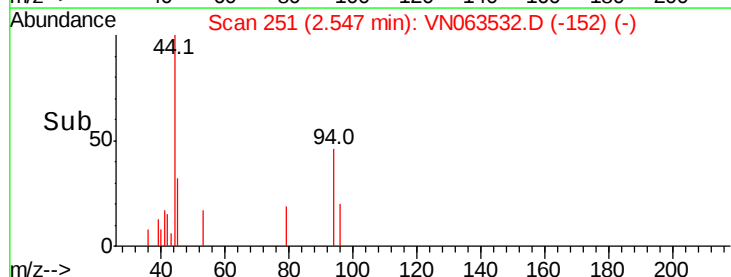
300

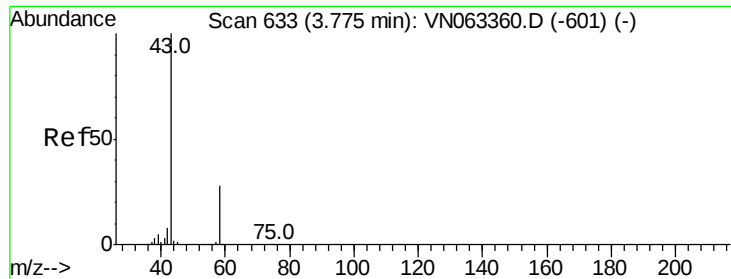
200

100

0

Time-->





#16

Acetone

Concen: 0.545 ug/l

RT: 3.79 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN063532.D

Acq: 22 Sep 2020 14:56

Instrument :

MSVOA_N

ClientSampled :

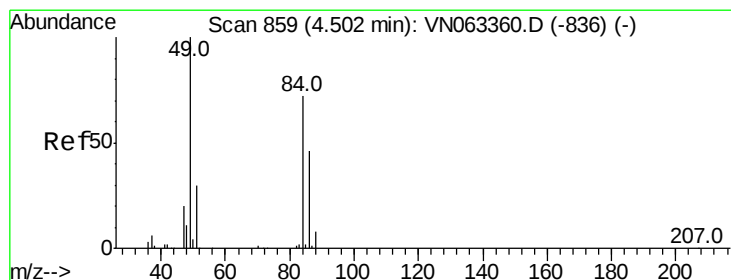
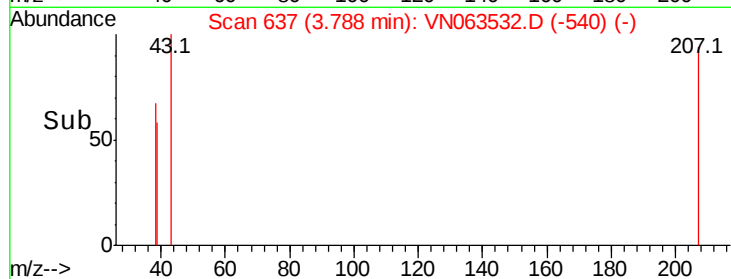
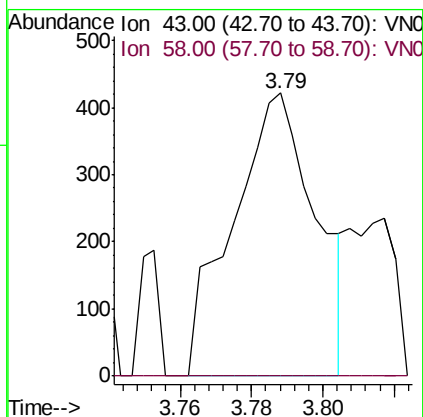
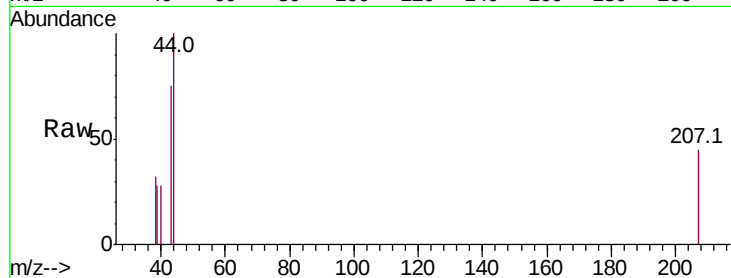
TRIP-BLANK

Tot Ion: 43 Resp: 675

Ion Ratio Lower Upper

43 100

58 0.0 22.3 33.5#



#20

Methylene Chloride

Concen: 0.360 ug/l

RT: 4.51 min Scan# 861

Delta R.T. 0.01 min

Lab File: VN063532.D

Acq: 22 Sep 2020 14:56

Tgt Ion: 84 Resp: 1129

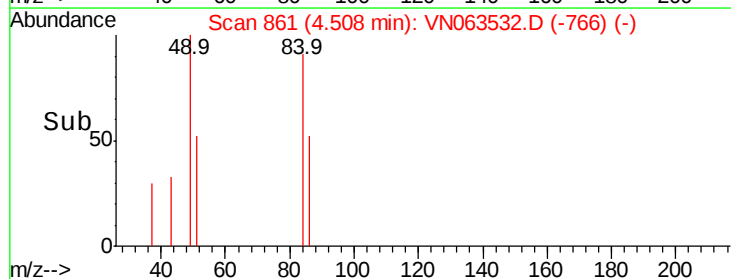
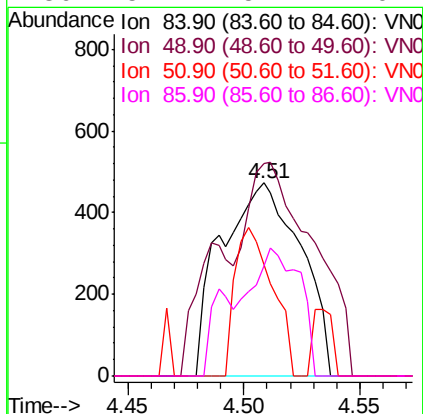
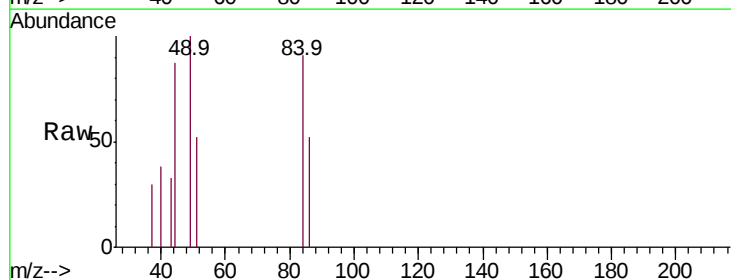
Ion Ratio Lower Upper

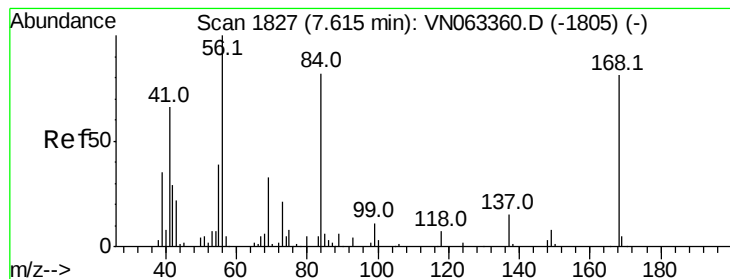
84 100

49 76.3 110.7 166.1#

51 57.6 32.9 49.3#

86 57.2 51.1 76.7





#31

Cyclohexane

Concen: 1.286 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. 0.01 min

Lab File: VN063532.D

Acq: 22 Sep 2020 14:56

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

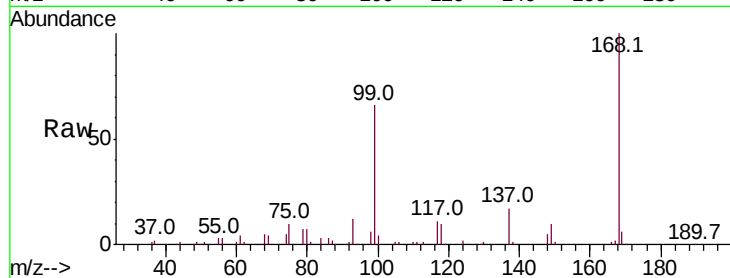
Tot Ion: 56 Resp: 6846

Ion Ratio Lower Upper

56 100

69 139.4 26.1 39.1#

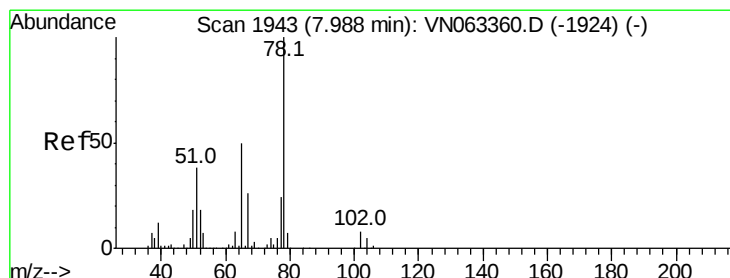
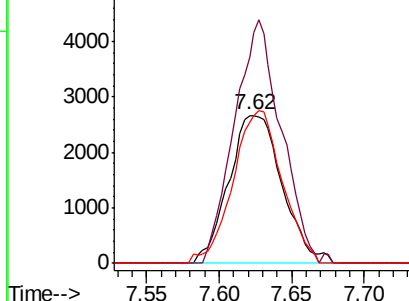
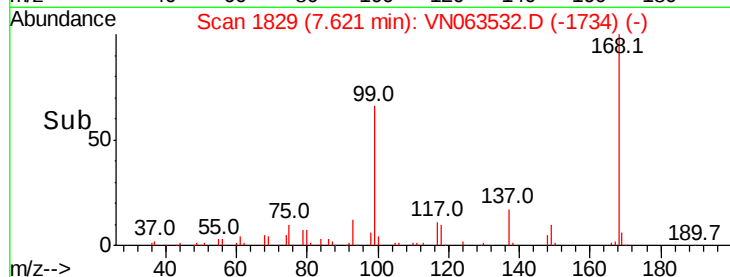
84 95.5 65.4 98.2



Abundance Ion 56.00 (55.70 to 56.70): VN063532.D (-1734) (-)

Ion 69.00 (68.70 to 69.70): VN063532.D (-1734) (-)

Ion 84.00 (83.70 to 84.70): VN063532.D (-1734) (-)



#33

1,2-Dichloroethane-d4

Concen: 48.407 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063532.D

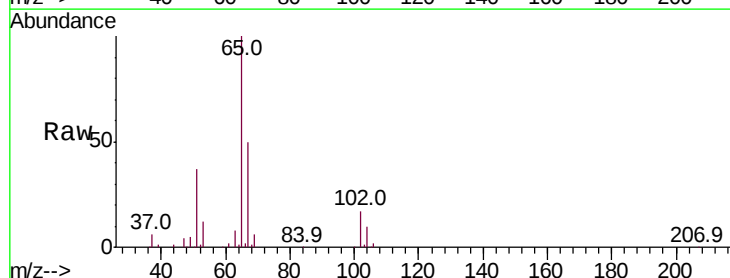
Acq: 22 Sep 2020 14:56

Tgt Ion: 65 Resp: 186576

Ion Ratio Lower Upper

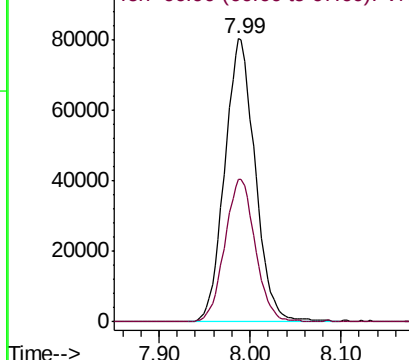
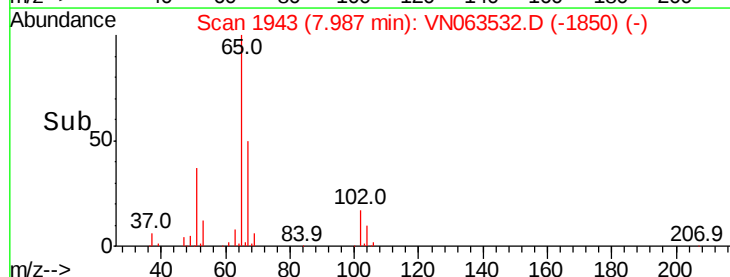
65 100

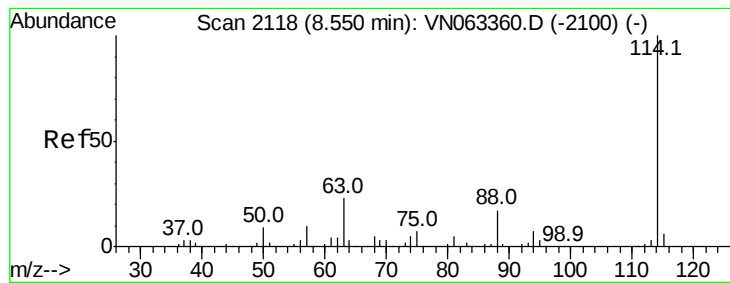
67 50.5 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VN063532.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN063532.D (-1850) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063532.D

Acq: 22 Sep 2020 14:56

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

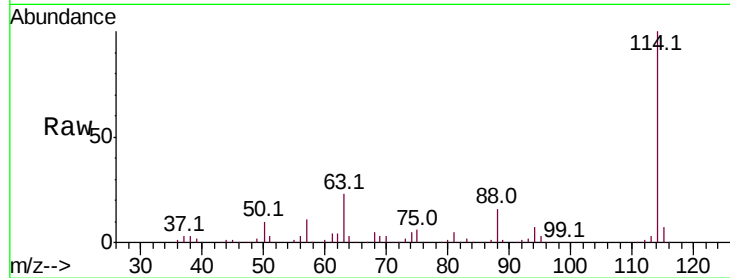
Tot Ion:114 Resp: 423841

Ion Ratio Lower Upper

114 100

63 23.2 0.0 46.4

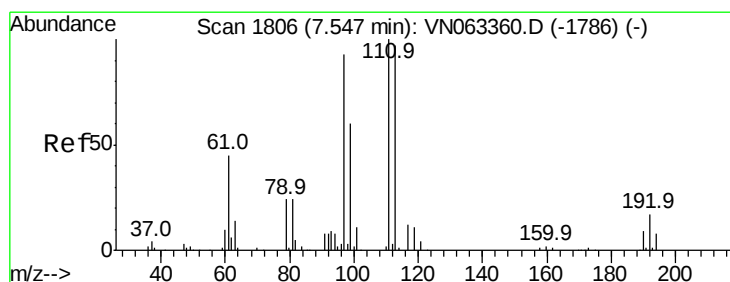
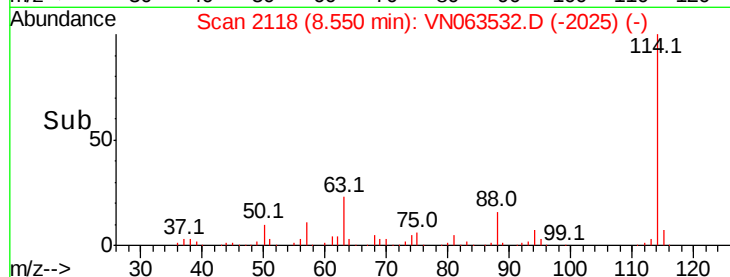
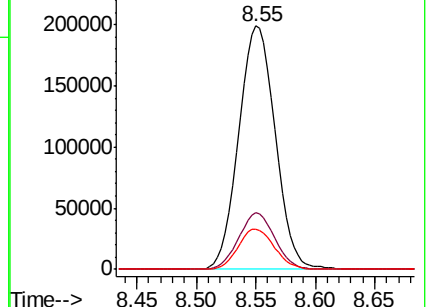
88 16.4 0.0 33.2



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: 46.797 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063532.D

Acq: 22 Sep 2020 14:56

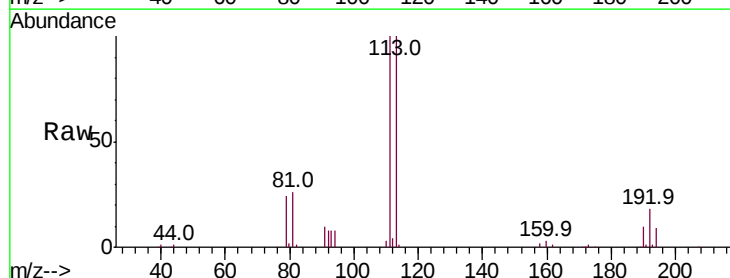
Tgt Ion:113 Resp: 137311

Ion Ratio Lower Upper

113 100

111 101.3 82.9 124.3

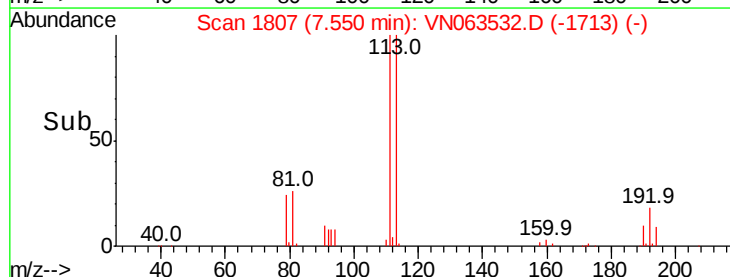
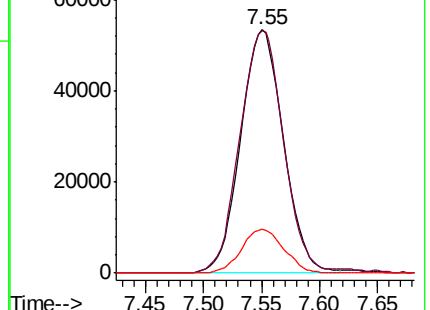
192 17.9 13.9 20.9

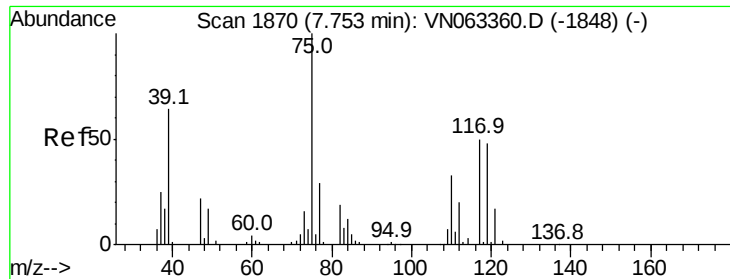


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.798 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.13 min

Lab File: VN063532.D

Acq: 22 Sep 2020 14:56

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

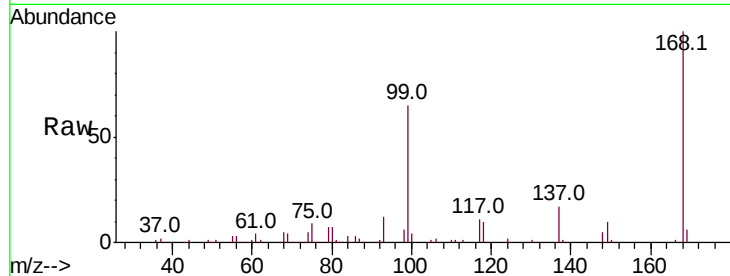
Tot Ion: 75 Resp: 21666

Ion Ratio Lower Upper

75 100

110 9.0 16.5 49.5#

77 0.0 24.6 36.8#

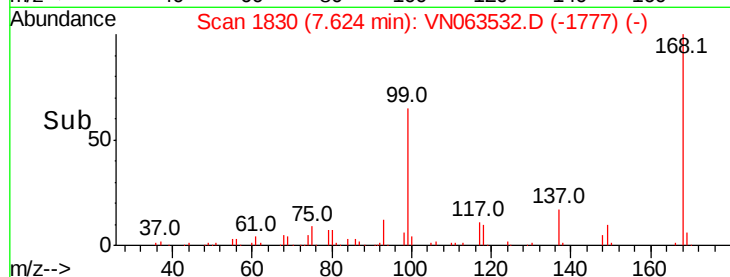


Abundance Ion 74.90 (74.60 to 75.60): VN063532.D (-1777) (-)

Ion 109.90 (109.60 to 110.60): VN063532.D (-1777) (-)

Ion 76.90 (76.60 to 77.60): VN063532.D (-1777) (-)

Time-->

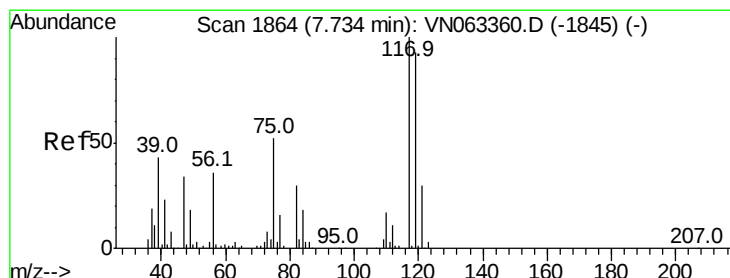


Abundance Ion 74.90 (74.60 to 75.60): VN063532.D (-1777) (-)

Ion 109.90 (109.60 to 110.60): VN063532.D (-1777) (-)

Ion 76.90 (76.60 to 77.60): VN063532.D (-1777) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 5.459 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.11 min

Lab File: VN063532.D

Acq: 22 Sep 2020 14:56

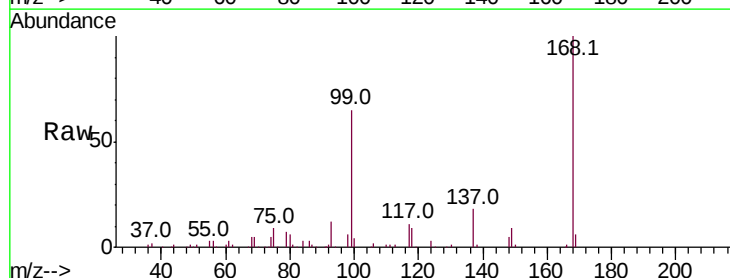
Tgt Ion: 117 Resp: 25163

Ion Ratio Lower Upper

117 100

119 4.2 74.5 111.7#

121 0.0 24.1 36.1#

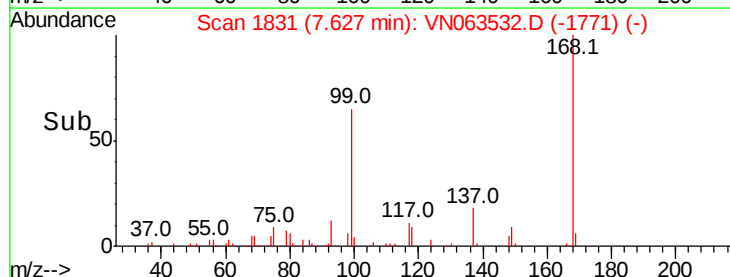


Abundance Ion 116.80 (116.50 to 117.50): VN063532.D (-1771) (-)

Ion 118.80 (118.50 to 119.50): VN063532.D (-1771) (-)

Ion 120.80 (120.50 to 121.50): VN063532.D (-1771) (-)

Time-->

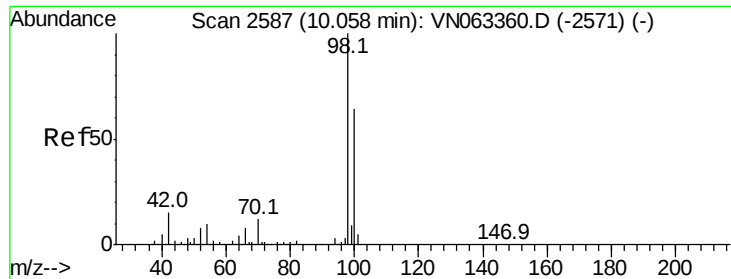


Abundance Ion 116.80 (116.50 to 117.50): VN063532.D (-1771) (-)

Ion 118.80 (118.50 to 119.50): VN063532.D (-1771) (-)

Ion 120.80 (120.50 to 121.50): VN063532.D (-1771) (-)

Time-->



#50

Toluene-d8

Concen: 48.941 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063532.D

Acq: 22 Sep 2020 14:56

Instrument :

MSVOA_N

ClientSampleId :

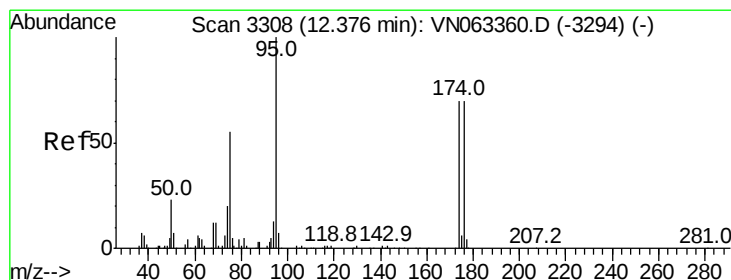
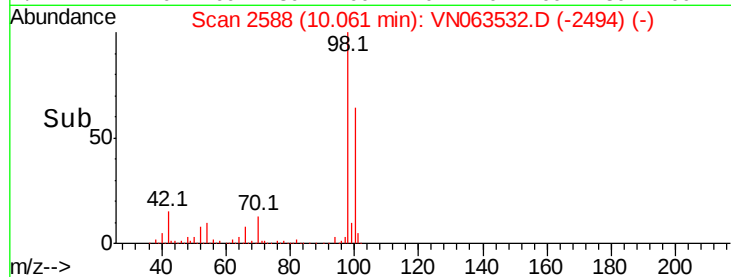
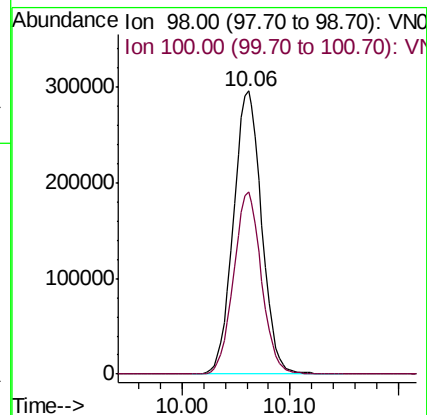
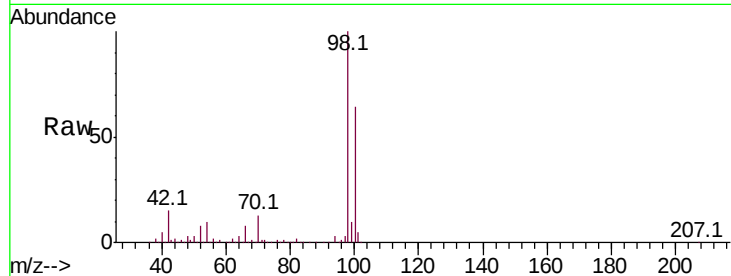
TRIP-BLANK

Tot Ion: 98 Resp: 539967

Ion Ratio Lower Upper

98 100

100 63.5 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 53.394 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063532.D

Acq: 22 Sep 2020 14:56

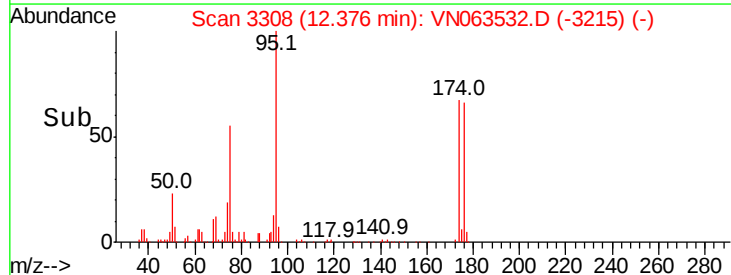
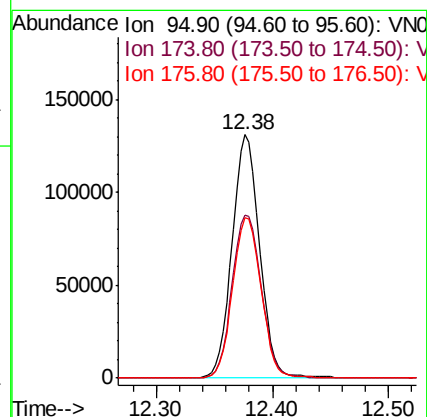
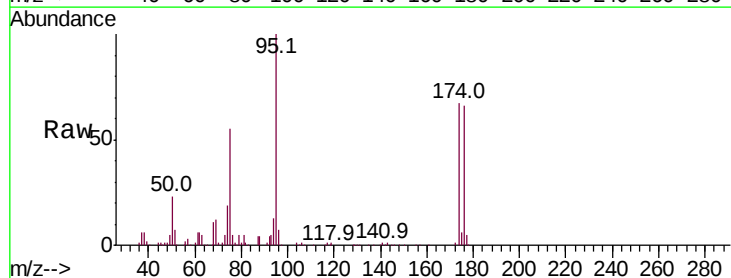
Tgt Ion: 95 Resp: 215951

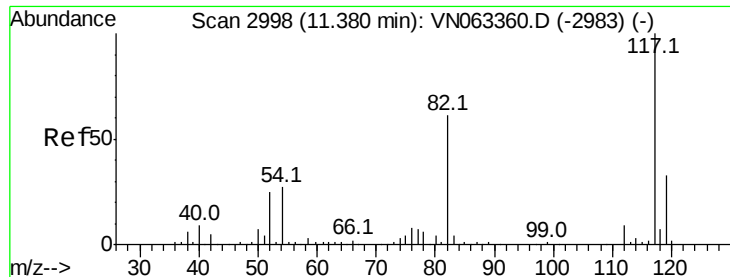
Ion Ratio Lower Upper

95 100

174 71.2 0.0 140.8

176 68.3 0.0 137.6

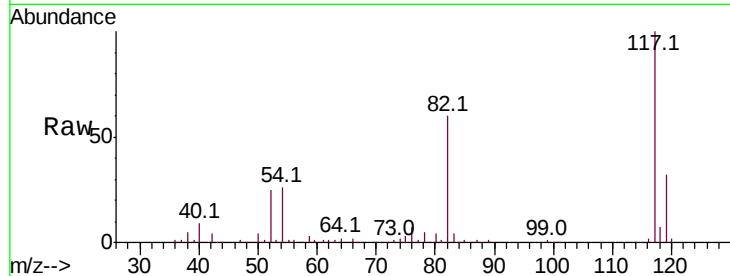




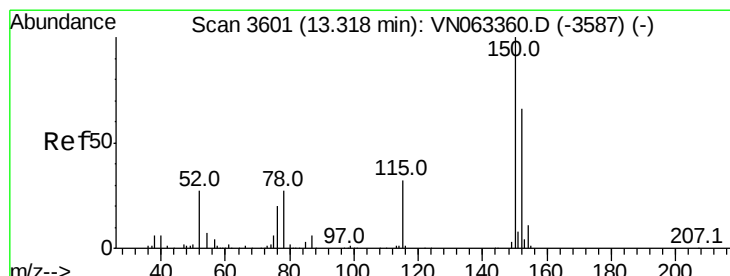
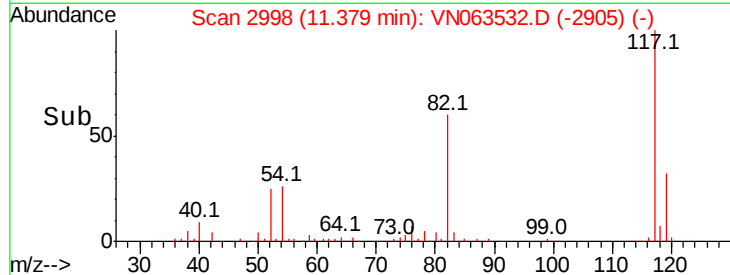
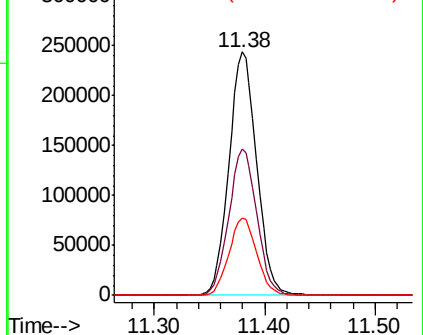
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063532.D
Acq: 22 Sep 2020 14:56

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

Tot Ion:117 Resp: 425745
Ion Ratio Lower Upper
117 100
82 60.1 49.2 73.8
119 31.7 26.2 39.4

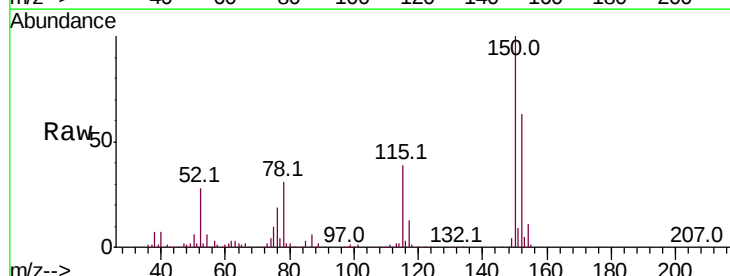


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

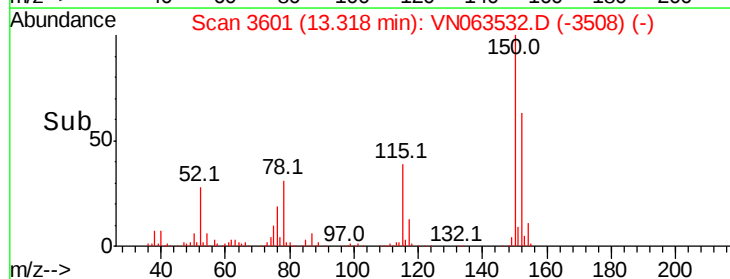
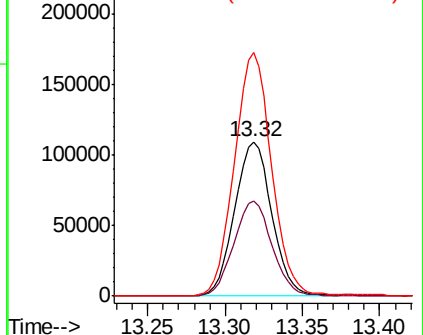


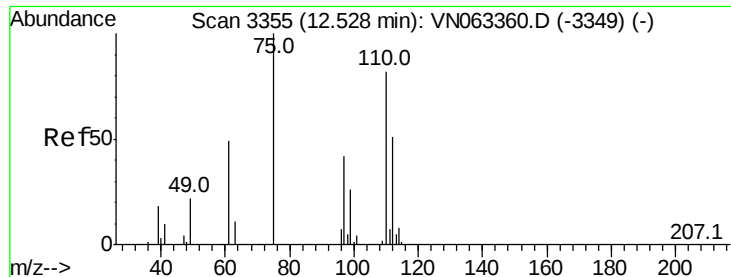
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063532.D
Acq: 22 Sep 2020 14:56

Tgt Ion:152 Resp: 182365
Ion Ratio Lower Upper
152 100
115 63.2 32.2 96.6
150 158.0 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: 26.235 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063532.D

Acq: 22 Sep 2020 14:56

Instrument :

MSVOA_N

ClientSampled :

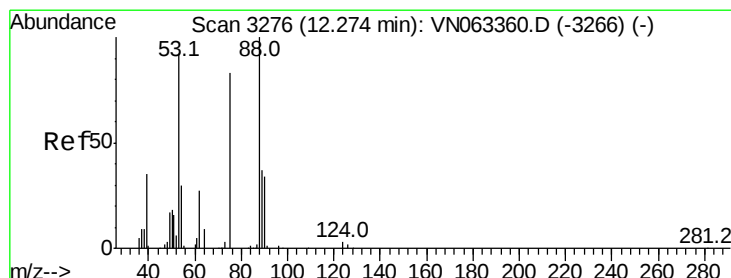
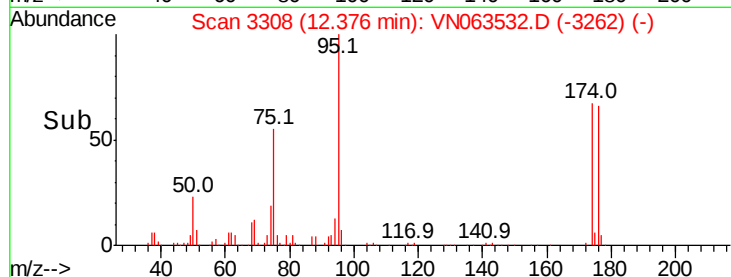
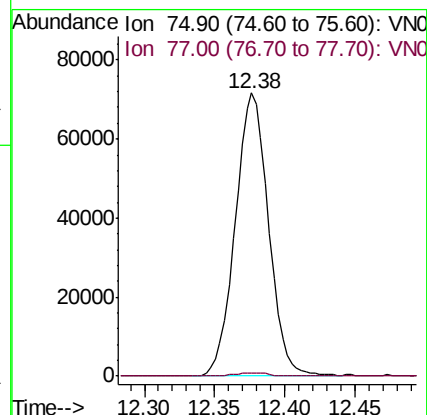
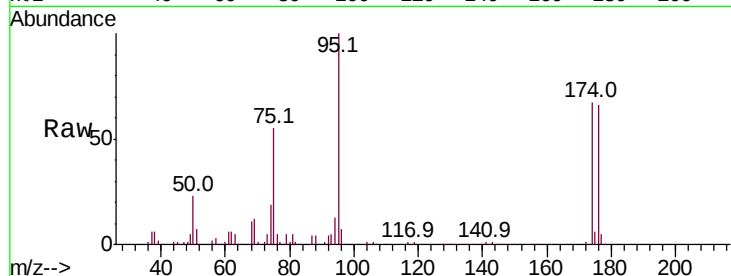
TRIP-BLANK

Tot Ion: 75 Resp: 118421

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 71.928 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063532.D

Acq: 22 Sep 2020 14:56

Tgt Ion: 75 Resp: 118421

Ion Ratio Lower Upper

75 100

53 0.0 85.7 128.5#

89 0.0 38.0 57.0#

