

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100820\
 Data File : VN063996.D
 Acq On : 8 Oct 2020 17:18
 Operator : JC/MD
 Sample : L4255-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ148-20200930

Quant Time: Oct 09 04:05:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	251895	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	458759	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	476460	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	189891	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	209363	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
35) Dibromofluoromethane	7.55	113	159963	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	
50) Toluene-d8	10.06	98	595074	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
62) 4-Bromofluorobenzene	12.38	95	224461	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	

Target Compounds

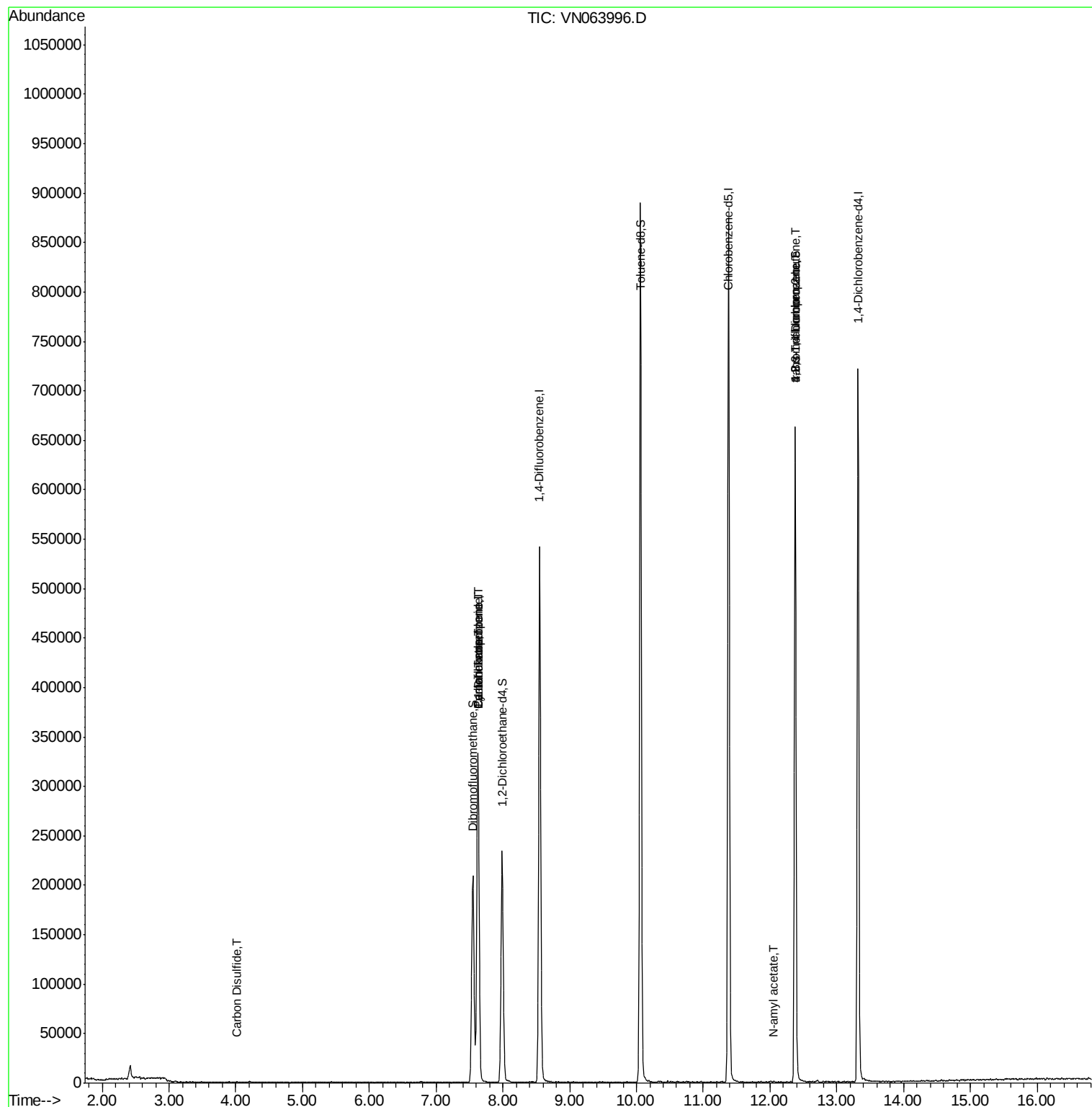
					Qvalue	
17) Carbon Disulfide	4.01	76	368	0.754	ug/l #	76
31) Cyclohexane	7.63	56	7145	1.479	ug/l #	23
36) 1,1-Dichloropropene	7.63	75	22742	4.893	ug/l #	51
38) Carbon Tetrachloride	7.63	117	26983	5.177	ug/l #	15
74) N-amyl acetate	12.04	43	115	2.233	ug/l #	46
76) 1,2,3-Trichloropropane	12.38	75	124038	29.632	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	124038	85.345	ug/l #	6

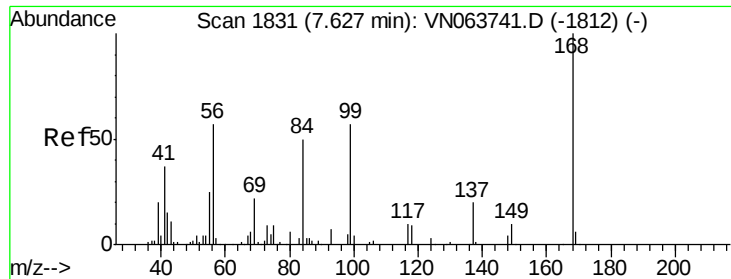
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100820\
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Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 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: VN063996.D

Acq: 8 Oct 2020 17:18

Instrument :

MSVOA_N

ClientSampleId :

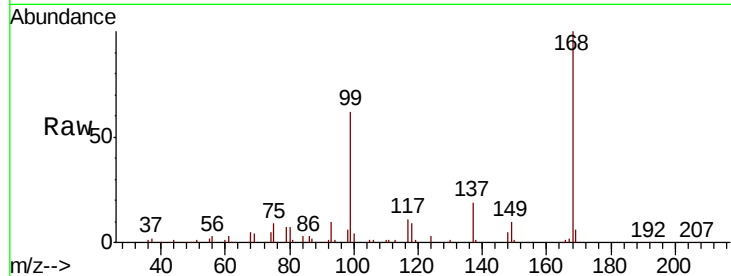
SA-PZ148-20200930

Tot Ion:168 Resp: 251895

Ion Ratio Lower Upper

168 100

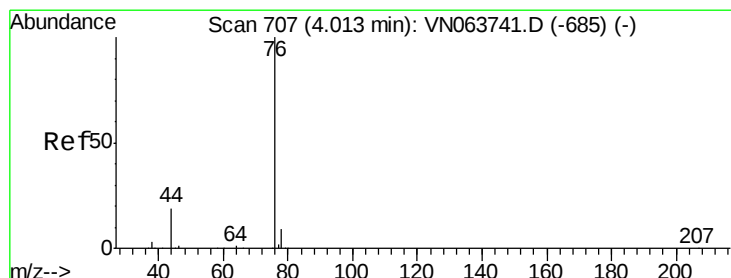
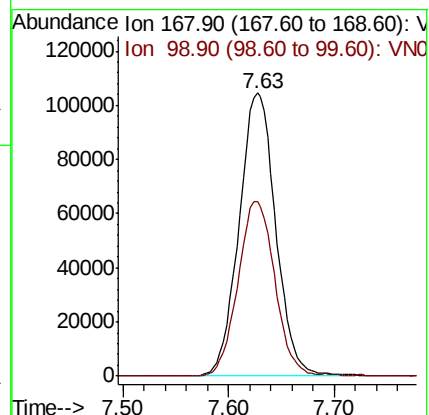
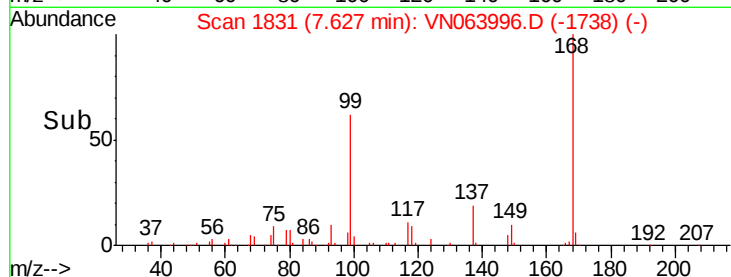
99 61.8 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): VN063741.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN063741.D (-1812) (-)

7.63



#17

Carbon Disulfide

Concen: 0.754 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN063996.D

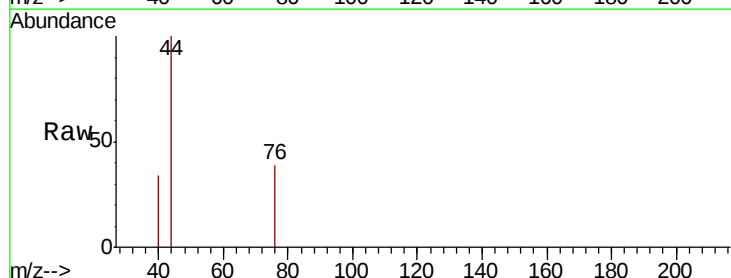
Acq: 8 Oct 2020 17:18

Tgt Ion: 76 Resp: 368

Ion Ratio Lower Upper

76 100

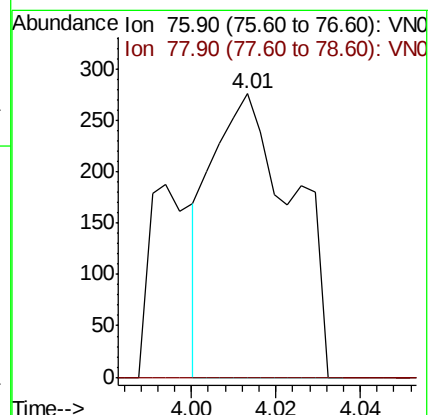
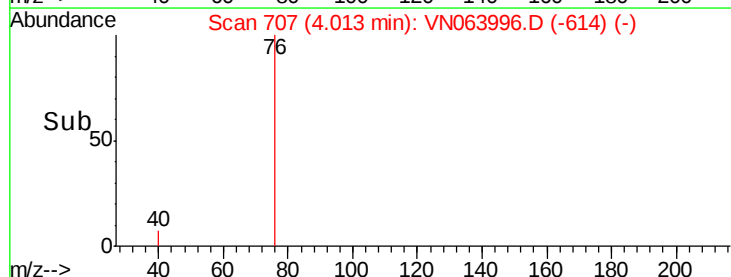
78 0.0 7.0 10.4#

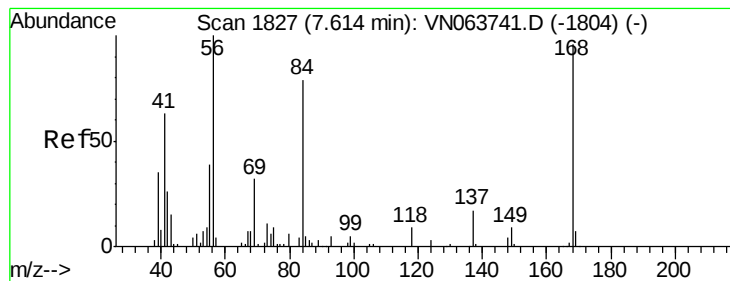


Abundance Ion 75.90 (75.60 to 76.60): VN063741.D (-685) (-)

Ion 77.90 (77.60 to 78.60): VN063741.D (-685) (-)

4.01





#31

Cyclohexane

Concen: 1.479 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.01 min

Lab File: VN063996.D

Acq: 8 Oct 2020 17:18

Instrument :

MSVOA_N

ClientSampleId :

SA-PZ148-20200930

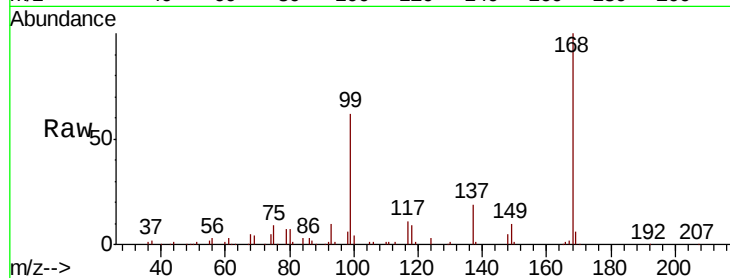
Tot Ion: 56 Resp: 7145

Ion Ratio Lower Upper

56 100

69 154.4 25.4 38.2#

84 95.6 63.3 94.9#

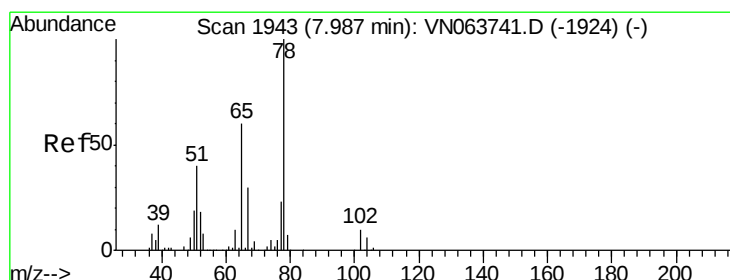
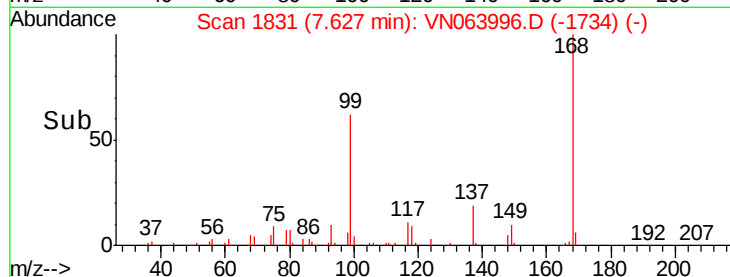
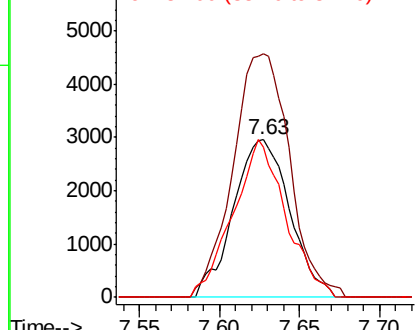


Abundance

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: 50.310 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN063996.D

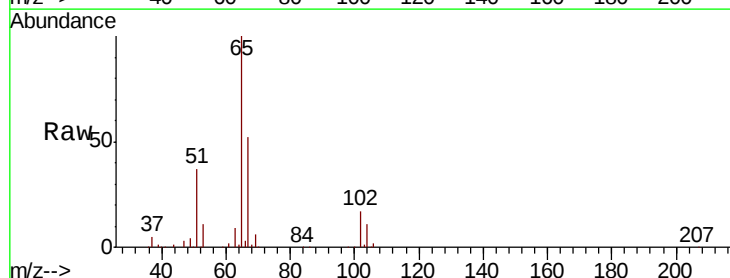
Acq: 8 Oct 2020 17:18

Tgt Ion: 65 Resp: 209363

Ion Ratio Lower Upper

65 100

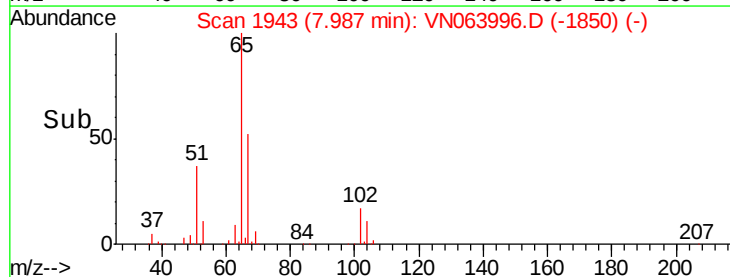
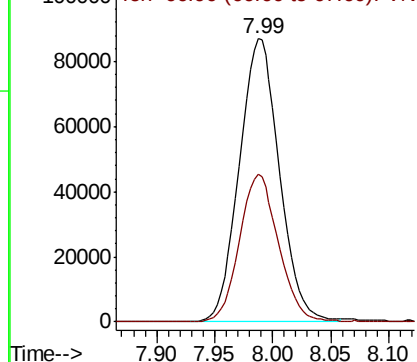
67 50.6 0.0 99.6

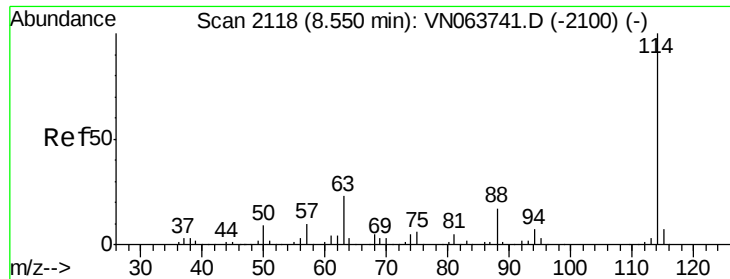


Abundance

Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

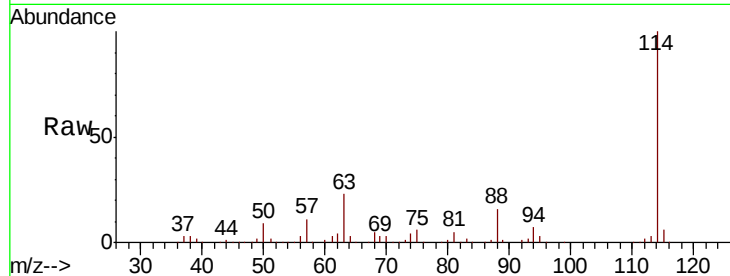




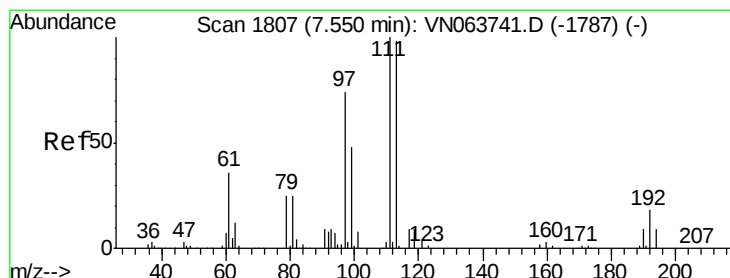
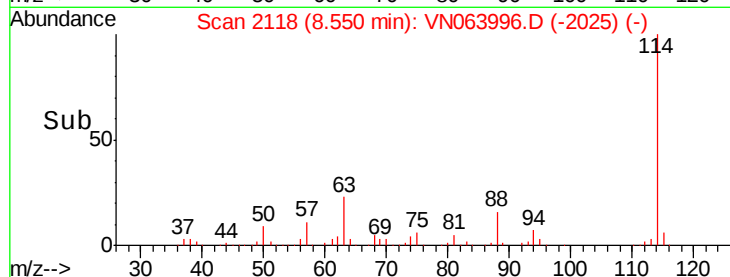
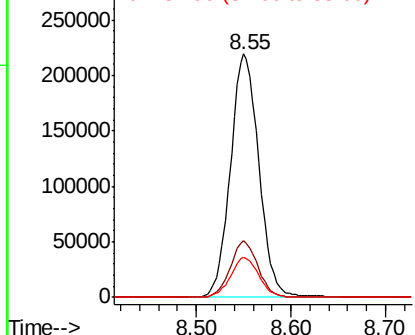
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN063996.D
Acq: 8 Oct 2020 17:18

Instrument :
MSVOA_N
ClientSampleId :
SA-PZ148-20200930

Tot Ion:114 Resp: 458759
Ion Ratio Lower Upper
114 100
63 23.2 0.0 45.0
88 16.3 0.0 34.0

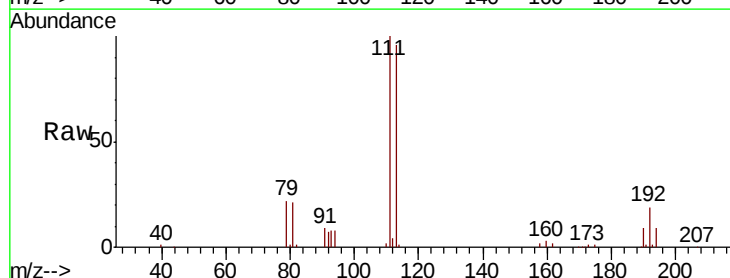


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

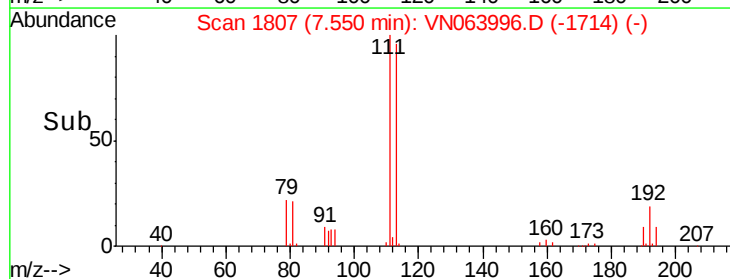
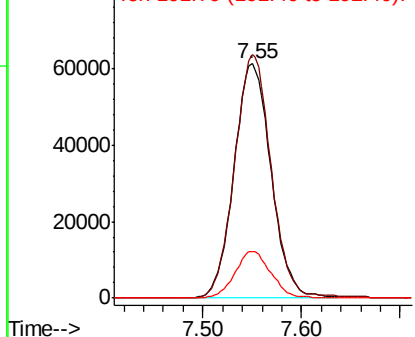


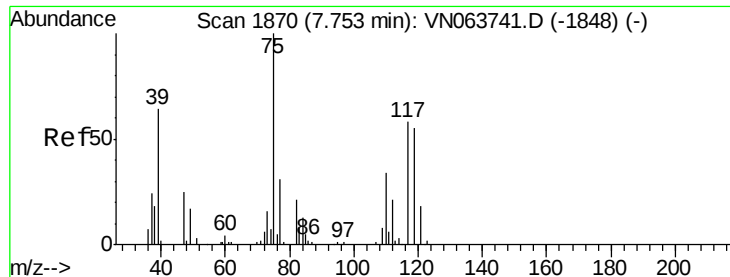
#35
Dibromofluoromethane
Concen: 50.252 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063996.D
Acq: 8 Oct 2020 17:18

Tgt Ion:113 Resp: 159963
Ion Ratio Lower Upper
113 100
111 102.5 81.8 122.8
192 19.3 14.2 21.2



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: 4.893 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.13 min

Lab File: VN063996.D

Acq: 8 Oct 2020 17:18

Instrument :

MSVOA_N

ClientSampleId :

SA-PZ148-20200930

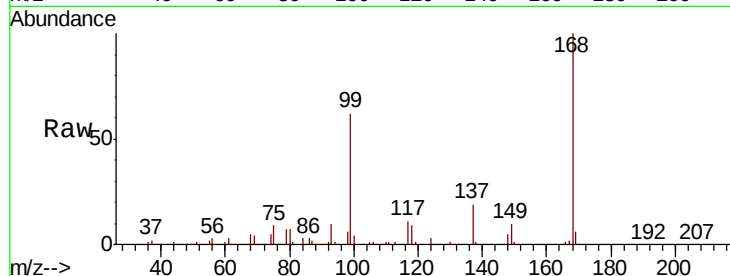
Tot Ion: 75 Resp: 22742

Ion Ratio Lower Upper

75 100

110 9.0 16.9 50.6#

77 0.0 24.5 36.7#

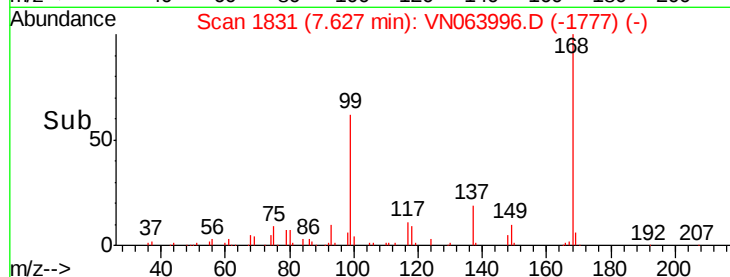


Abundance Ion 74.90 (74.60 to 75.60): VN063741.D (-1848) (-)

Ion 109.90 (109.60 to 110.60): VN063741.D (-1848) (-)

Ion 76.90 (76.60 to 77.60): VN063741.D (-1848) (-)

Time-->

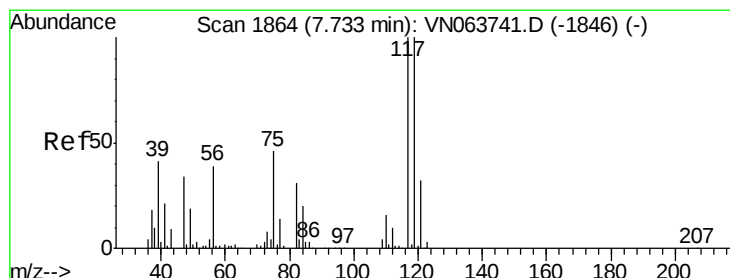


Abundance Ion 74.90 (74.60 to 75.60): VN063996.D (-1777) (-)

Ion 109.90 (109.60 to 110.60): VN063996.D (-1777) (-)

Ion 76.90 (76.60 to 77.60): VN063996.D (-1777) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 5.177 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.11 min

Lab File: VN063996.D

Acq: 8 Oct 2020 17:18

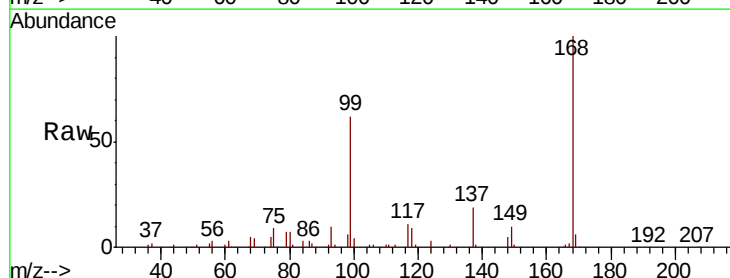
Tgt Ion: 117 Resp: 26983

Ion Ratio Lower Upper

117 100

119 5.9 80.1 120.1#

121 0.0 25.7 38.5#

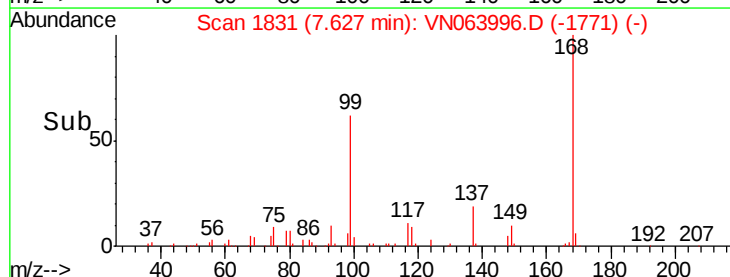


Abundance Ion 116.80 (116.50 to 117.50): VN063741.D (-1846) (-)

Ion 118.80 (118.50 to 119.50): VN063741.D (-1846) (-)

Ion 120.80 (120.50 to 121.50): VN063741.D (-1846) (-)

Time-->

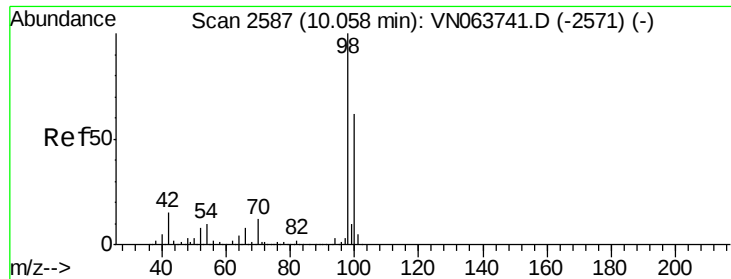


Abundance Ion 116.80 (116.50 to 117.50): VN063996.D (-1771) (-)

Ion 118.80 (118.50 to 119.50): VN063996.D (-1771) (-)

Ion 120.80 (120.50 to 121.50): VN063996.D (-1771) (-)

Time-->



#50

Toluene-d8

Concen: 49.313 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063996.D

Acq: 8 Oct 2020 17:18

Instrument :

MSVOA_N

ClientSampleId :

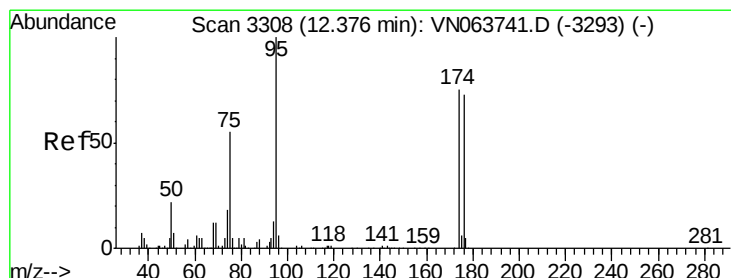
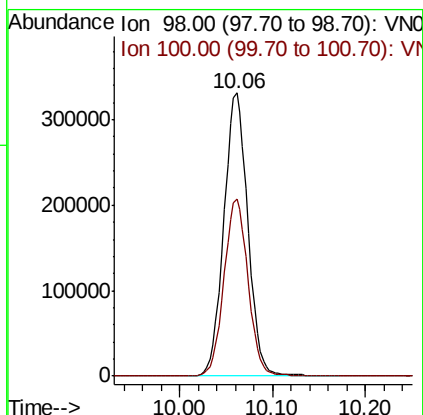
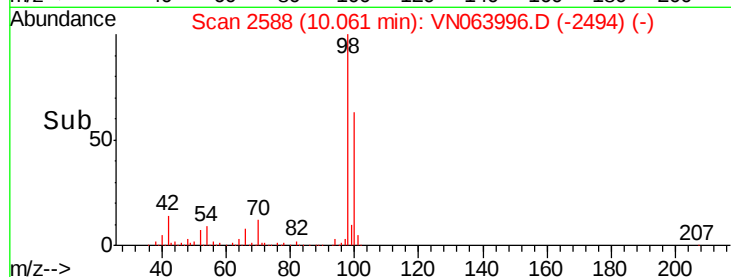
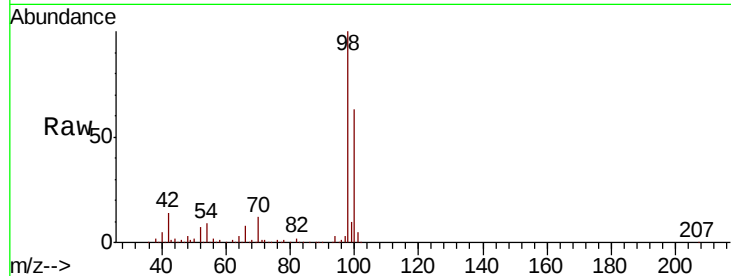
SA-PZ148-20200930

Tot Ion: 98 Resp: 595074

Ion Ratio Lower Upper

98 100

100 62.8 49.8 74.6



#62

4-Bromofluorobenzene

Concen: 49.482 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063996.D

Acq: 8 Oct 2020 17:18

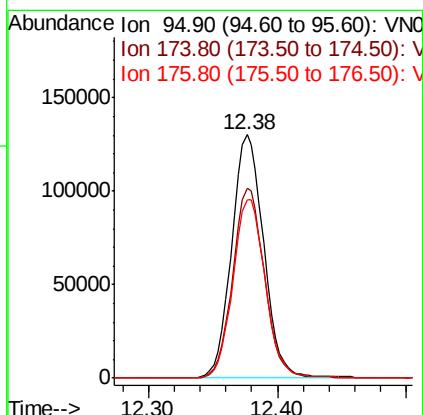
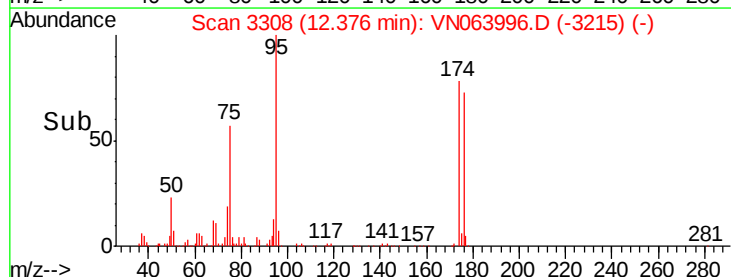
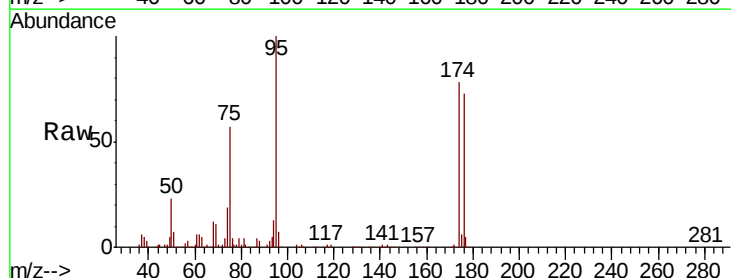
Tgt Ion: 95 Resp: 224461

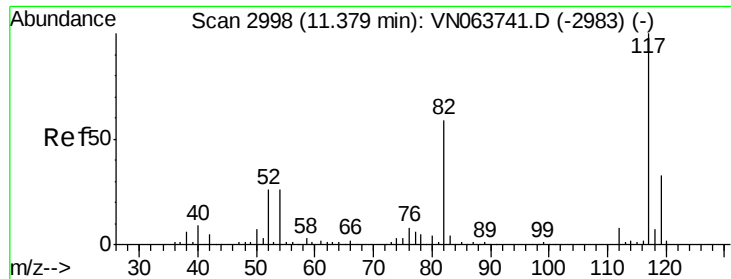
Ion Ratio Lower Upper

95 100

174 77.5 0.0 150.6

176 74.1 0.0 145.4

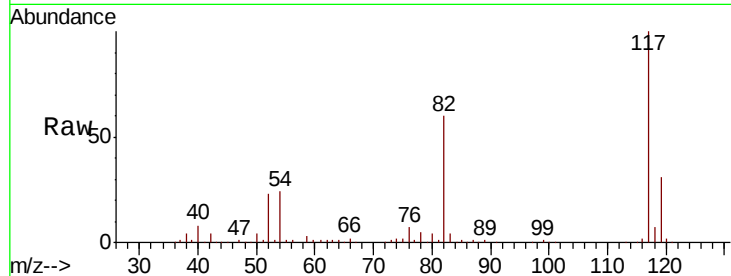




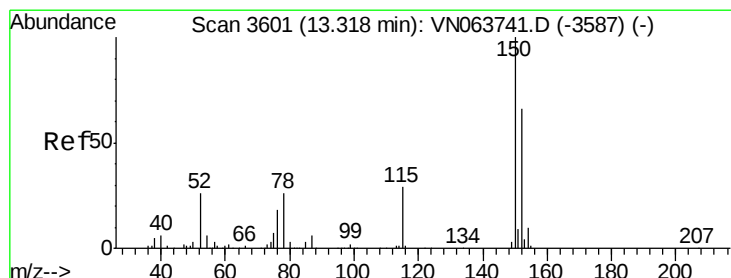
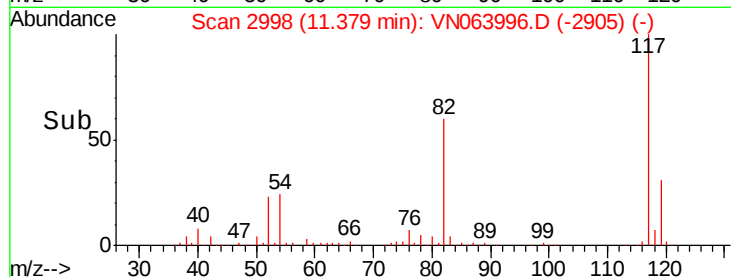
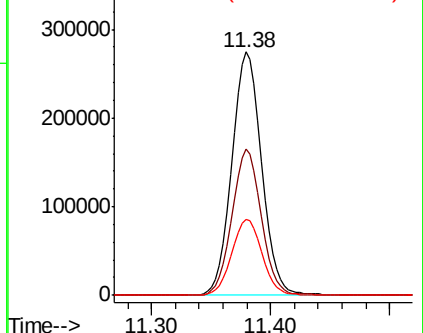
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063996.D
Acq: 8 Oct 2020 17:18

Instrument :
MSVOA_N
ClientSampleId :
SA-PZ148-20200930

Tot Ion:117 Resp: 476460
Ion Ratio Lower Upper
117 100
82 59.9 47.4 71.2
119 31.2 26.4 39.6

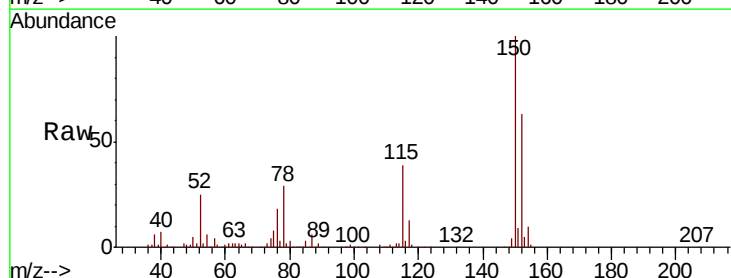


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

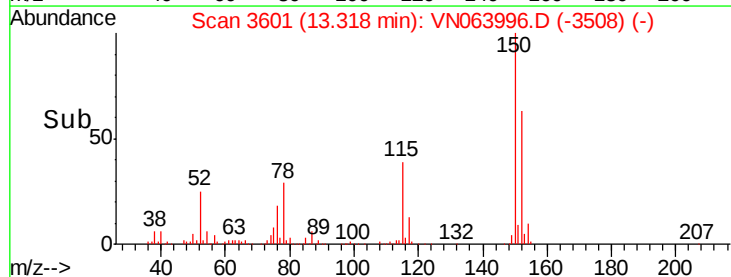
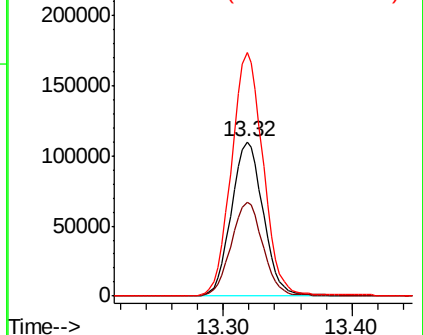


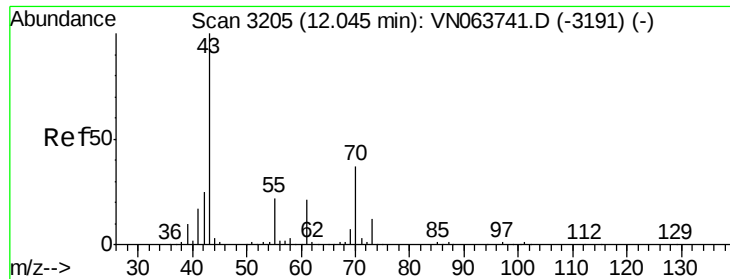
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063996.D
Acq: 8 Oct 2020 17:18

Tgt Ion:152 Resp: 189891
Ion Ratio Lower Upper
152 100
115 60.7 31.3 93.8
150 156.7 0.0 341.8



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





#74

N-amvl acetate

Concen: 2.233 ug/l

RT: 12.04 min Scan# 3203

Delta R.T. -0.01 min

Lab File: VN063996.D

Acq: 8 Oct 2020 17:18

Instrument :

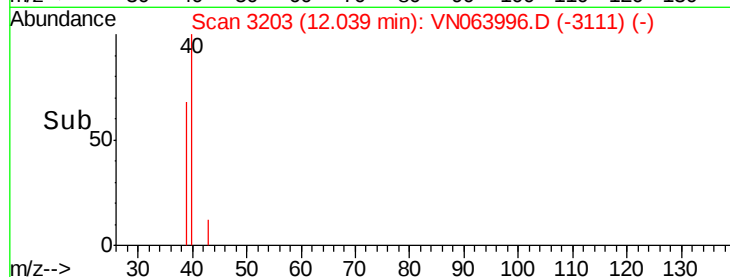
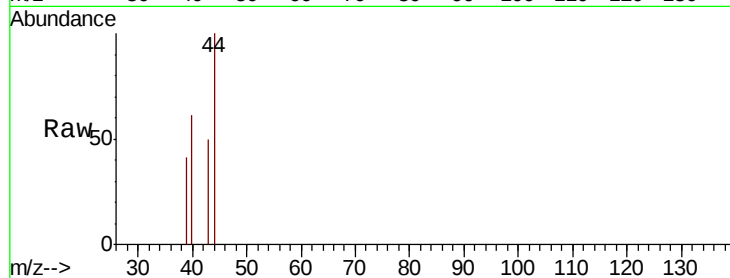
MSVOA_N

ClientSampleId :

SA-PZ148-20200930

Tot Ion: 43 Resp: 115

Ion	Ratio	Lower	Upper
43	100		
70	0.0	29.8	44.8#
55	0.0	17.9	26.9#
61	0.0	17.0	25.4#

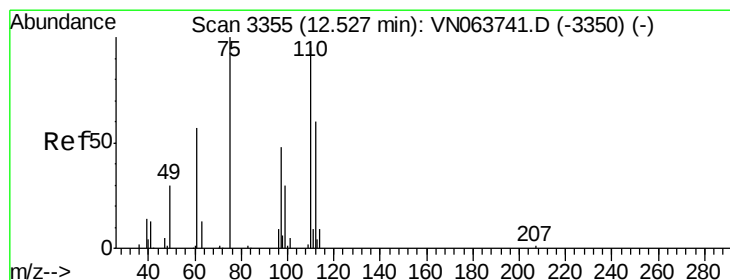
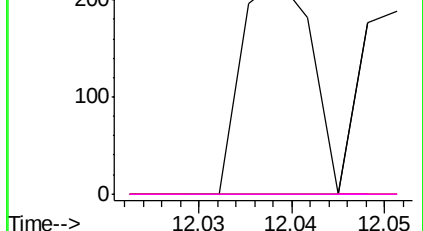


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 29.632 ug/l

RT: 12.38 min Scan# 3308

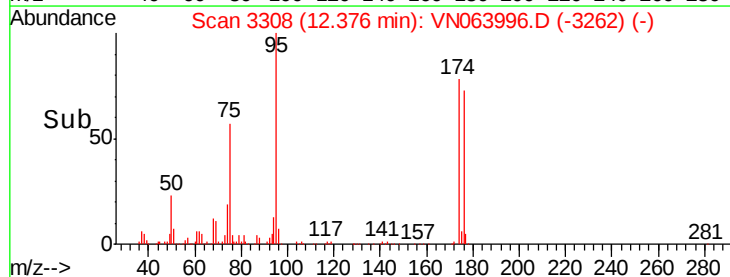
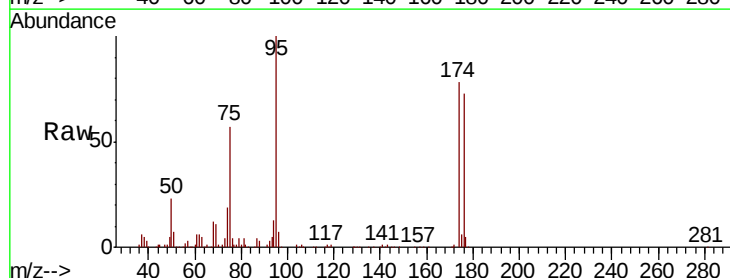
Delta R.T. -0.15 min

Lab File: VN063996.D

Acq: 8 Oct 2020 17:18

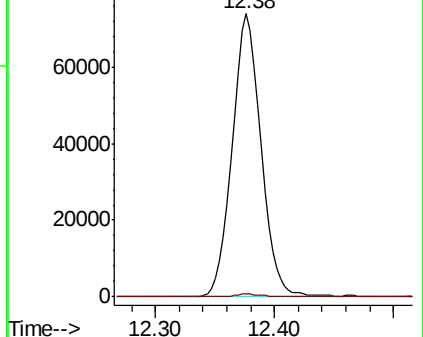
Tgt Ion: 75 Resp: 124038

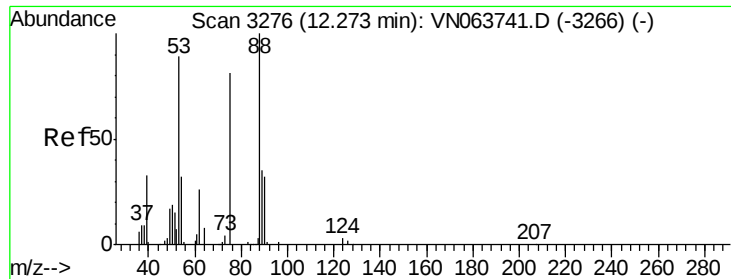
Ion	Ratio	Lower	Upper
75	100		
77	1.0	0.0	0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#81

trans-1,4-Dichloro-2-butene

Concen: 85.345 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063996.D

Acq: 8 Oct 2020 17:18

Instrument :

MSVOA_N

ClientSampleId :

SA-PZ148-20200930

Tot Ion: 75 Resp: 124038

Ion Ratio Lower Upper

75 100

53 0.2 88.2 132.2#

89 0.0 36.0 54.0#

