

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092120\
 Data File : VN063518.D
 Acq On : 22 Sep 2020 5:17
 Operator : JC/MD
 Sample : L4082-13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE108D2-20200915

Quant Time: Sep 22 06:03:44 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	224238	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	416457	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	422681	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	176290	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	184617	48.37	ug/l	0.00
Spiked Amount			Recovery	=	96.74%	
35) Dibromofluoromethane	7.55	113	135790	47.10	ug/l	0.00
Spiked Amount			Recovery	=	94.20%	
50) Toluene-d8	10.06	98	539199	49.74	ug/l	0.00
Spiked Amount			Recovery	=	99.48%	
62) 4-Bromofluorobenzene	12.38	95	211606	53.25	ug/l	0.00
Spiked Amount			Recovery	=	106.50%	

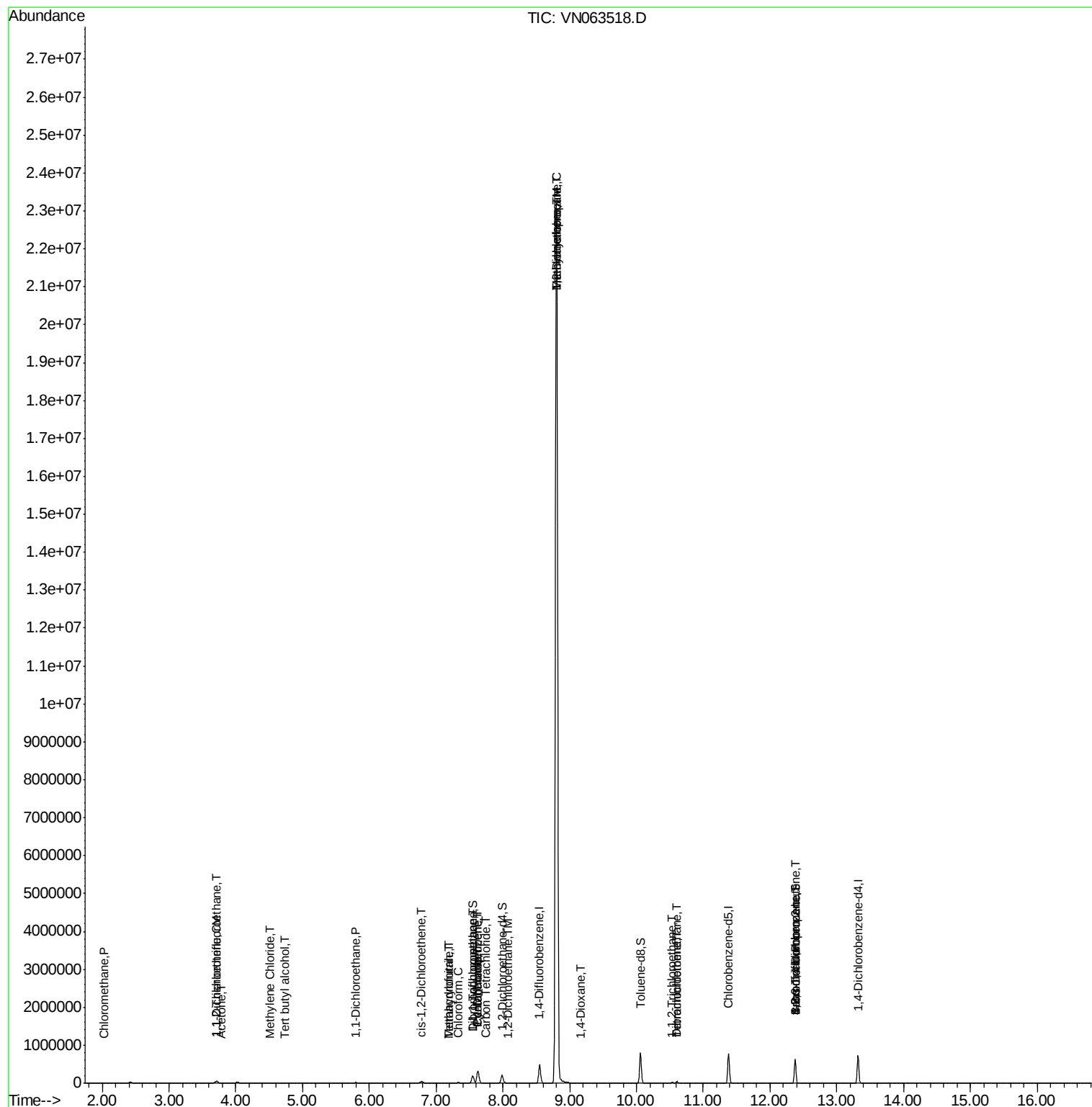
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	1103	0.328	ug/l #	26
9) 1,1,2-Trichlorotrifluoroet	3.72	101	16050	6.424	ug/l	96
11) Tert butyl alcohol	4.73	59	120	0.227	ug/l #	72
12) 1,1-Dichloroethene	3.70	96	13338	5.271	ug/l	94
16) Acetone	3.78	43	2834	2.310	ug/l	98
20) Methylene Chloride	4.51	84	1225	0.394	ug/l #	78
24) 1,1-Dichloroethane	5.80	63	21041	3.775	ug/l	95
27) cis-1,2-Dichloroethene	6.79	96	21806	6.872	ug/l	86
29) Tetrahydrofuran	7.18	42	2118	1.644	ug/l #	63
30) Chloroform	7.33	83	15173	2.714	ug/l	96
31) Cyclohexane	7.63	56	6360	1.206	ug/l #	33
32) 1,1,1-Trichloroethane	7.54	97	1366	0.275	ug/l #	30
36) 1,1-Dichloropropene	7.62	75	20926	4.717	ug/l #	51
38) Carbon Tetrachloride	7.74	117	6456	1.425	ug/l #	76
39) Methylcyclohexane	8.80	83	133284	27.679	ug/l #	1
41) Methacrylonitrile	7.18	41	1468	0.750	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	2207	0.433	ug/l	86
44) Trichloroethene	8.80	130	7686568	2502.205	ug/l	94
45) 1,2-Dichloropropane	8.80	63	29313	8.498	ug/l #	1
49) 1,4-Dioxane	9.16	88	817	14.882	ug/l #	66
55) 1,1,2-Trichloroethane	10.53	97	4191	1.386	ug/l	93
60) Dibromochloromethane	10.60	129	8713	2.550	ug/l #	10
64) Tetrachloroethene	10.60	164	9003	3.128	ug/l	94
71) Bromoform	12.37	173	567	0.231	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	118021	27.048	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	118021	74.155	ug/l #	7

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063518.D

Acq: 22 Sep 2020 5:17

Instrument :

MSVOA_N

ClientSampleId :

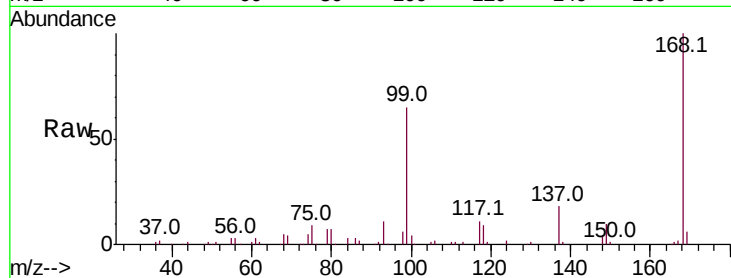
RE108D2-20200915

Tot Ion:168 Resp: 224238

Ion Ratio Lower Upper

168 100

99 64.9 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

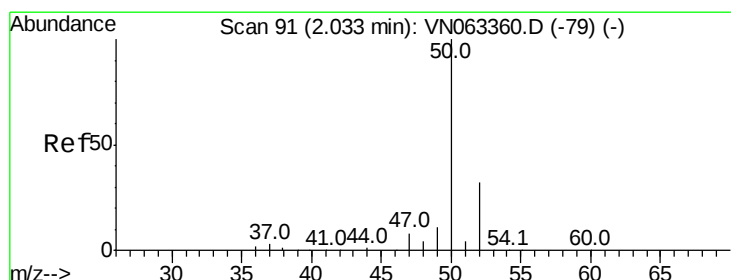
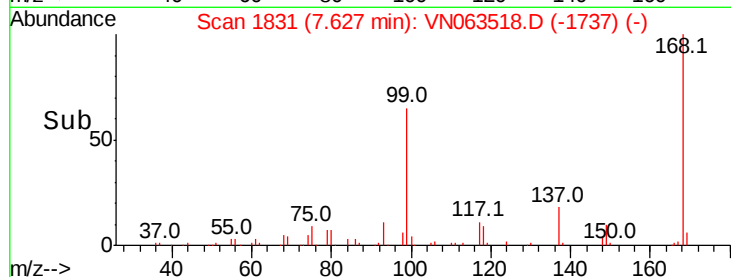
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: 0.328 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063518.D

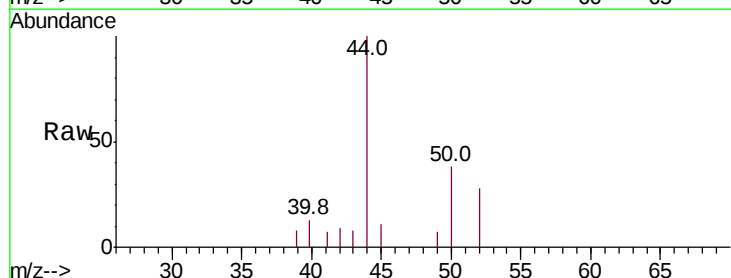
Acq: 22 Sep 2020 5:17

Tgt Ion: 50 Resp: 1103

Ion Ratio Lower Upper

50 100

52 74.0 25.9 38.9#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.04

1000

800

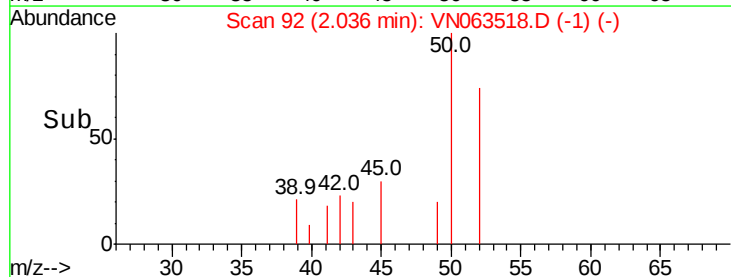
600

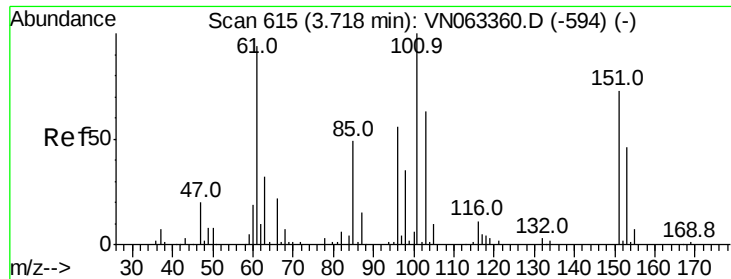
400

200

0

Time--> 2.00 2.02 2.04 2.06





#9

1,1,2-Trichlorotrifluoroethane

Concen: 6.424 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.01 min

Lab File: VN063518.D

Acq: 22 Sep 2020 5:17

Instrument :

MSVOA_N

ClientSampleId :

RE108D2-20200915

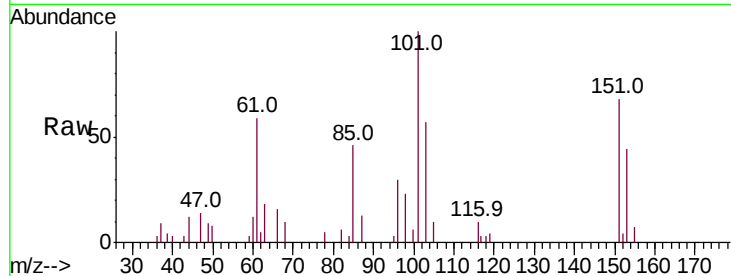
Tot Ion:101 Resp: 16050

Ion Ratio Lower Upper

101 100

85 44.5 37.7 56.5

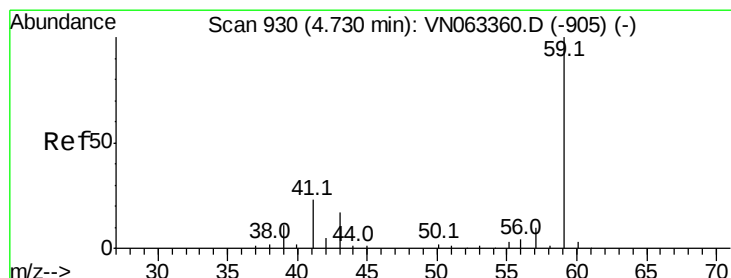
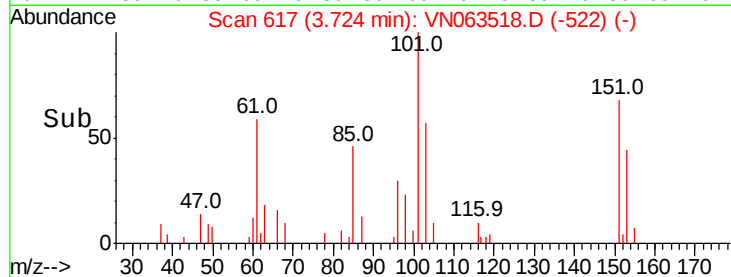
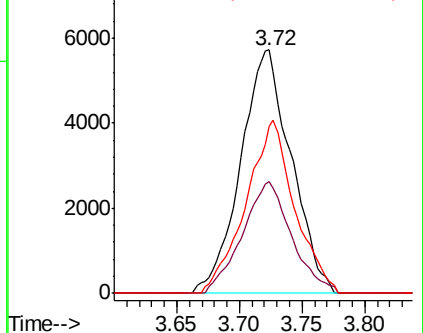
151 68.3 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#11

Tert butyl alcohol

Concen: 0.227 ug/l

RT: 4.73 min Scan# 929

Delta R.T. -0.00 min

Lab File: VN063518.D

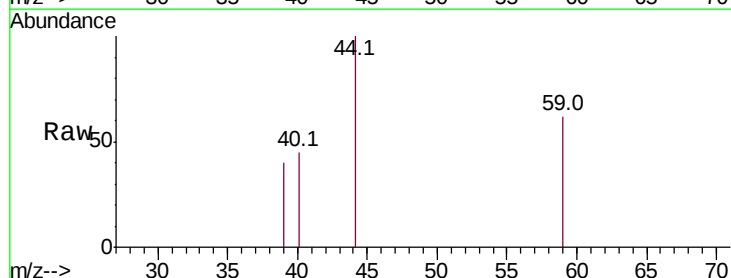
Acq: 22 Sep 2020 5:17

Tgt Ion: 59 Resp: 120

Ion Ratio Lower Upper

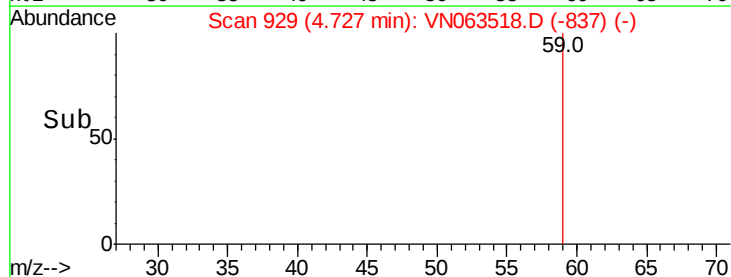
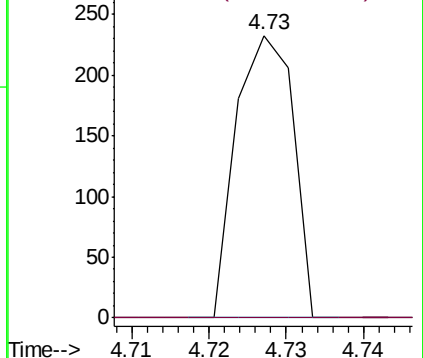
59 100

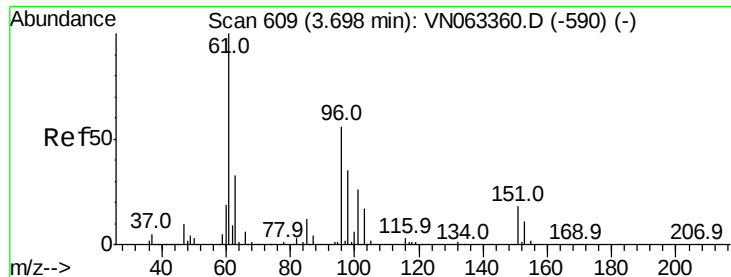
57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): V

Ion 57.00 (56.70 to 57.70): V





#12

1,1-Dichloroethene

Concen: 5.271 ug/l

RT: 3.70 min Scan# 609

Delta R.T. -0.00 min

Lab File: VN063518.D

Acq: 22 Sep 2020 5:17

Instrument :

MSVOA_N

ClientSampleId :

RE108D2-20200915

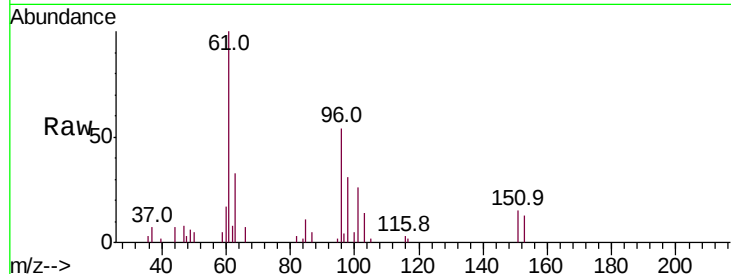
Tot Ion: 96 Resp: 13338

Ion Ratio Lower Upper

96 100

61 186.9 143.4 215.2

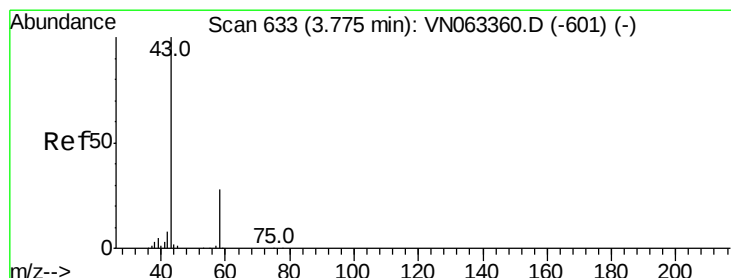
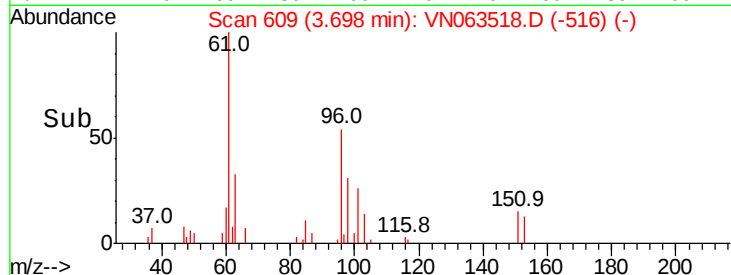
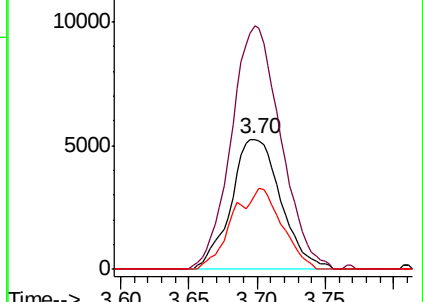
98 57.7 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#16

Acetone

Concen: 2.310 ug/l

RT: 3.78 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN063518.D

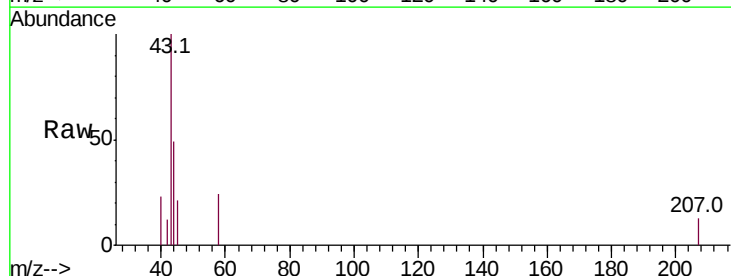
Acq: 22 Sep 2020 5:17

Tgt Ion: 43 Resp: 2834

Ion Ratio Lower Upper

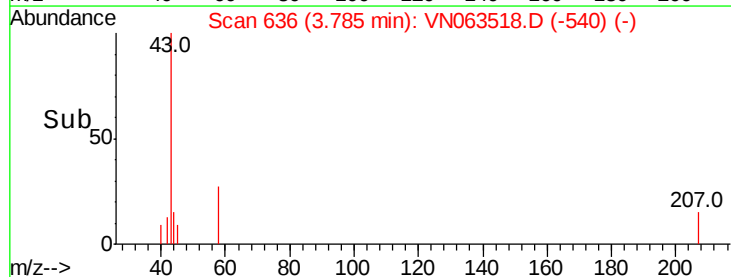
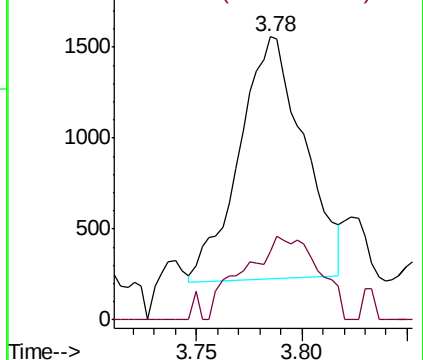
43 100

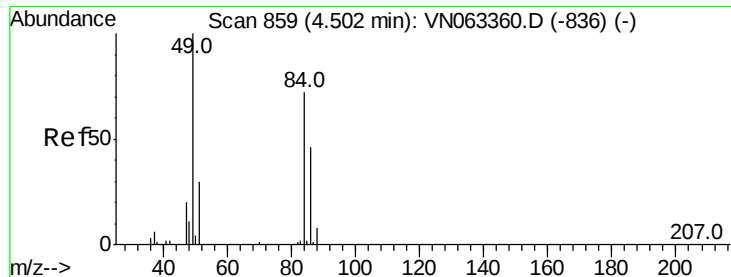
58 28.7 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#20

Methylene Chloride

Concen: 0.394 ug/l

RT: 4.51 min Scan# 863

Delta R.T. 0.01 min

Lab File: VN063518.D

Acq: 22 Sep 2020 5:17

Instrument :

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ClientSampleId :

RE108D2-20200915

Tot Ion: 84 Resp: 1225

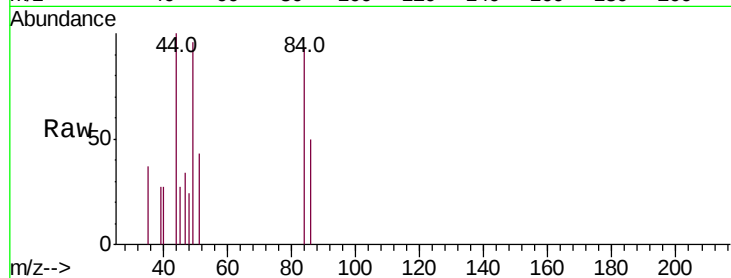
Ion Ratio Lower Upper

84 100

49 102.9 110.7 166.1#

51 46.3 32.9 49.3

86 53.0 51.1 76.7

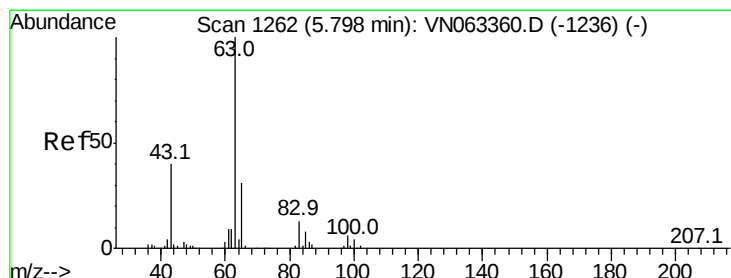
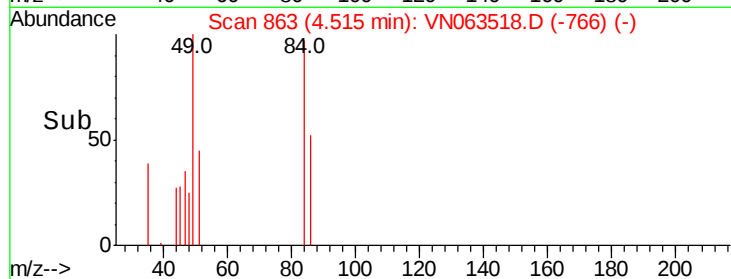
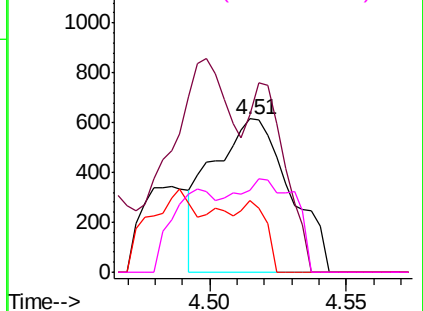


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#24

1,1-Dichloroethane

Concen: 3.775 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN063518.D

Acq: 22 Sep 2020 5:17

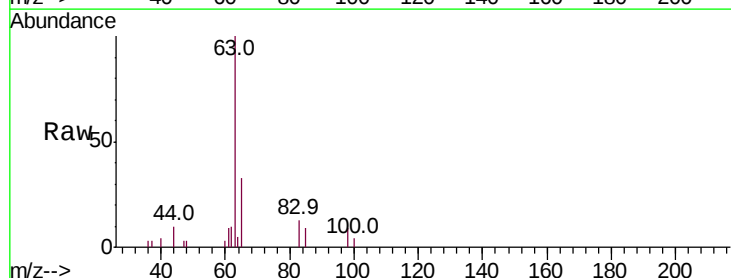
Tgt Ion: 63 Resp: 21041

Ion Ratio Lower Upper

63 100

98 8.8 2.9 8.8

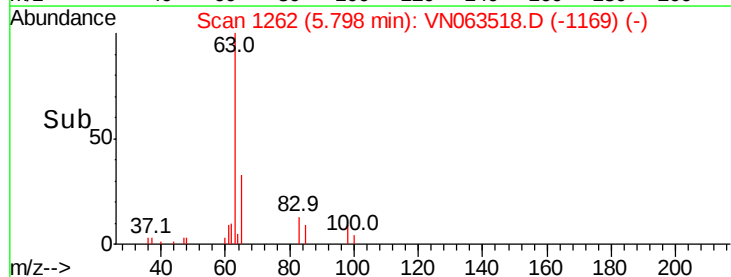
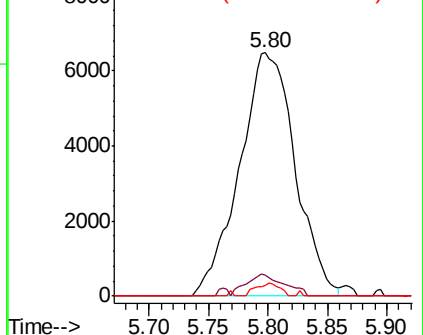
100 4.5 2.1 6.3

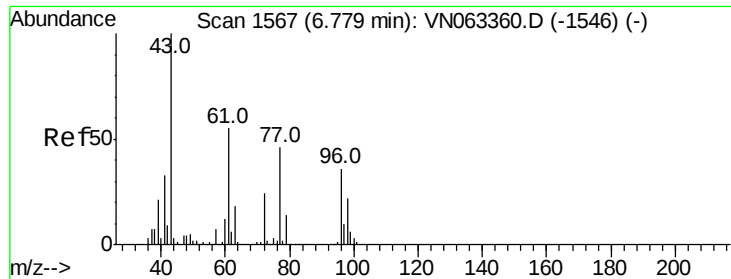


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 6.872 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. 0.01 min

Lab File: VN063518.D

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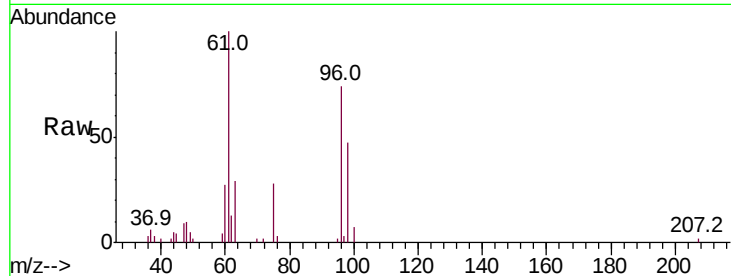
Tot Ion: 96 Resp: 21806

Ion Ratio Lower Upper

96 100

61 136.3 0.0 319.6

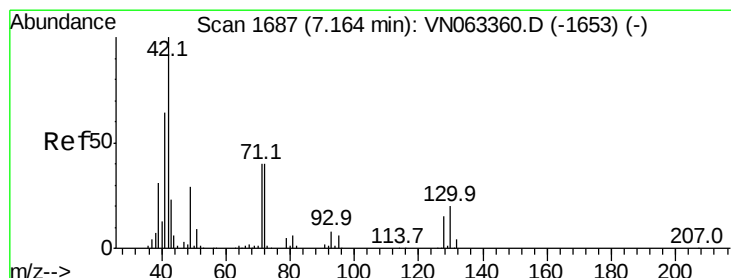
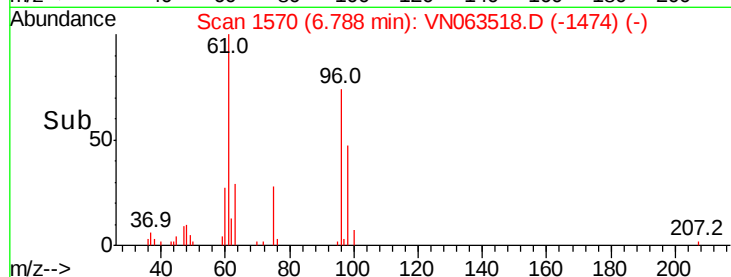
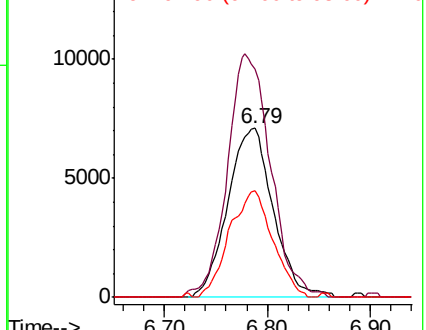
98 60.0 0.0 127.8



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#29

Tetrahydrofuran

Concen: 1.644 ug/l

RT: 7.18 min Scan# 1692

Delta R.T. 0.02 min

Lab File: VN063518.D

Acq: 22 Sep 2020 5:17

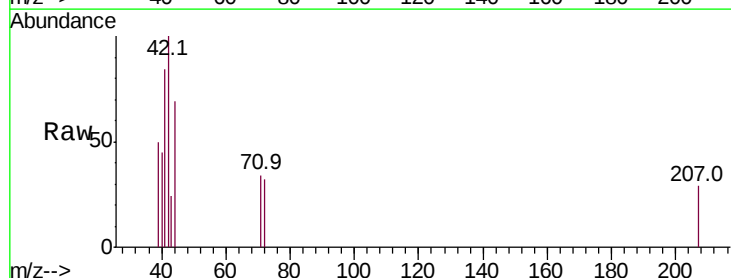
Tgt Ion: 42 Resp: 2118

Ion Ratio Lower Upper

42 100

72 22.3 32.1 48.1#

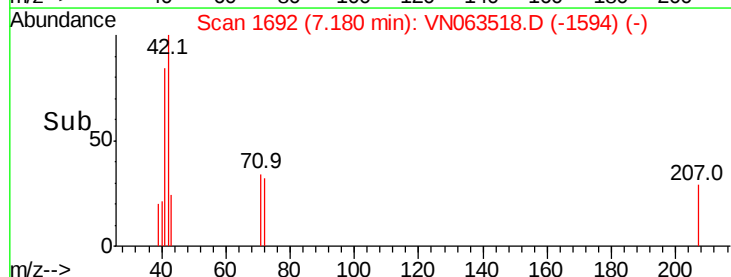
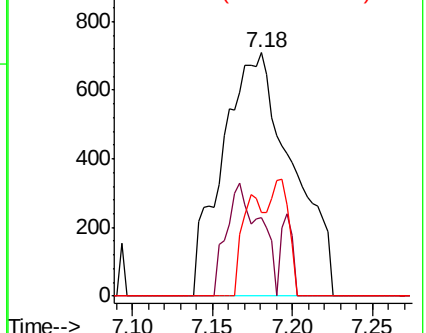
71 11.3 31.2 46.8#

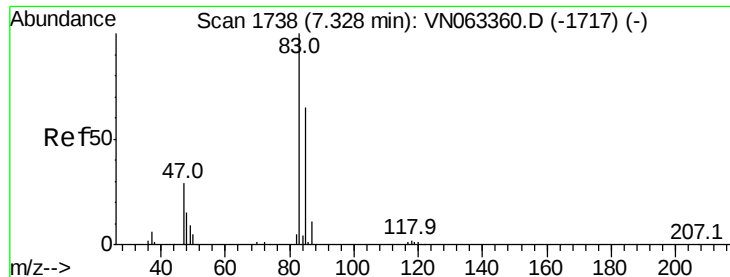


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0





#30

Chloroform

Concen: 2.714 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. -0.00 min

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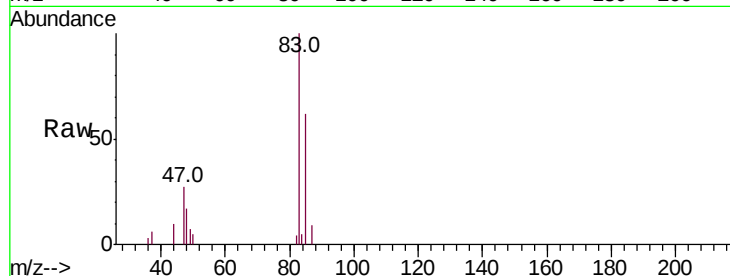
RE108D2-20200915

Tot Ion: 83 Resp: 15173

Ion Ratio Lower Upper

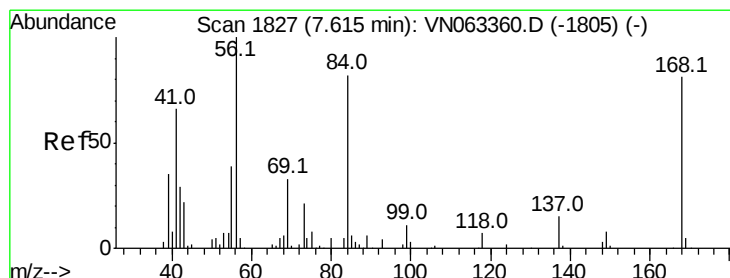
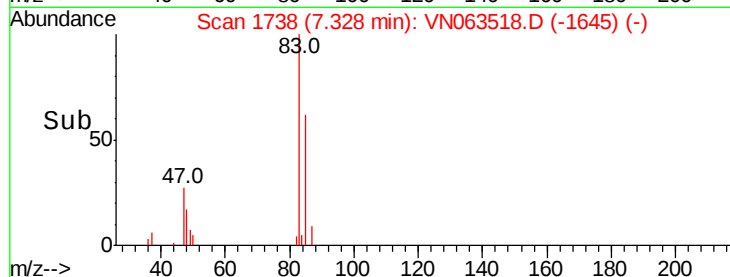
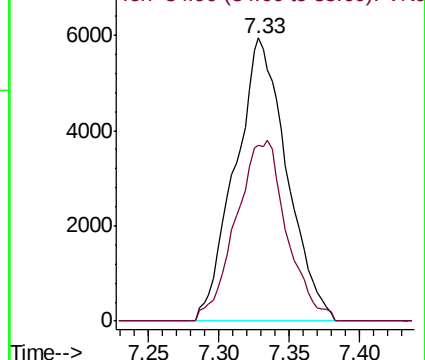
83 100

85 62.2 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0



#31

Cyclohexane

Concen: 1.206 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.01 min

Lab File: VN063518.D

Acq: 22 Sep 2020 5:17

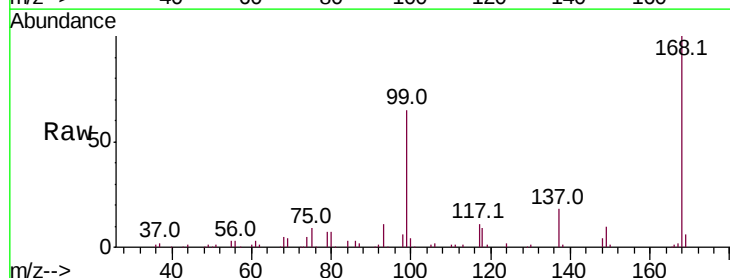
Tgt Ion: 56 Resp: 6360

Ion Ratio Lower Upper

56 100

69 143.2 26.1 39.1#

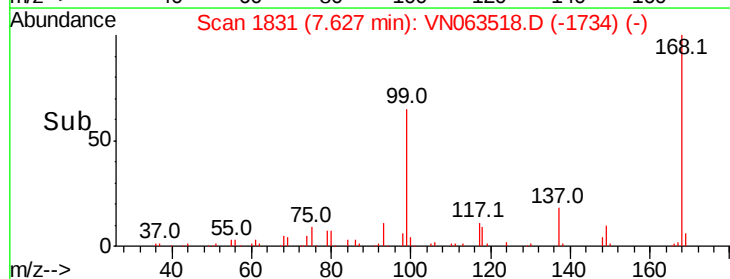
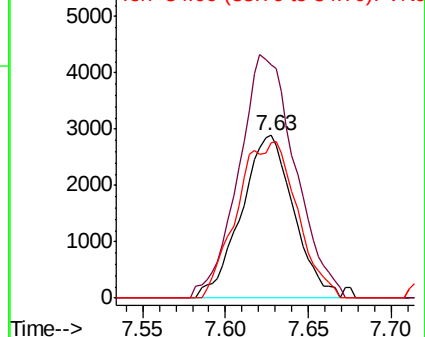
84 95.4 65.4 98.2

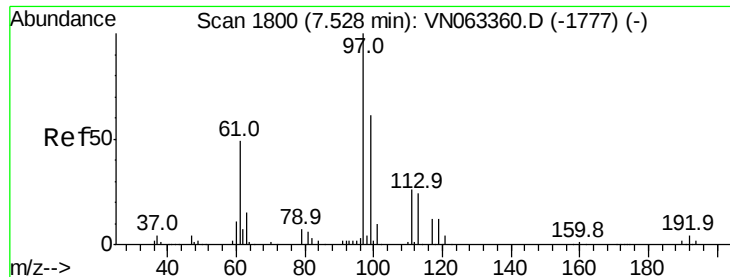


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0





#32

1,1,1-Trichloroethane

Concen: 0.275 ug/l

RT: 7.54 min Scan# 1803

Delta R.T. 0.01 min

Lab File: VN063518.D

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RE108D2-20200915

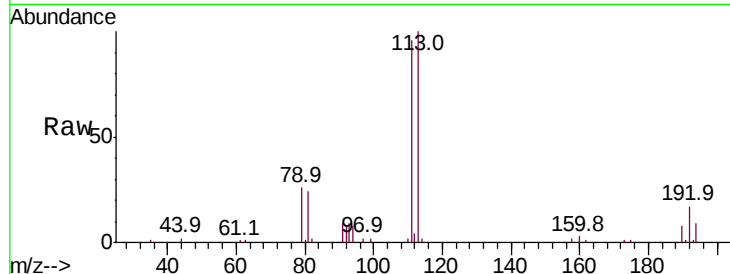
Tot Ion: 97 Resp: 1366

Ion Ratio Lower Upper

97 100

99 0.0 50.6 76.0#

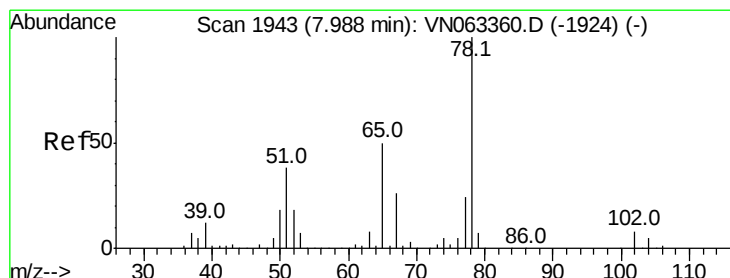
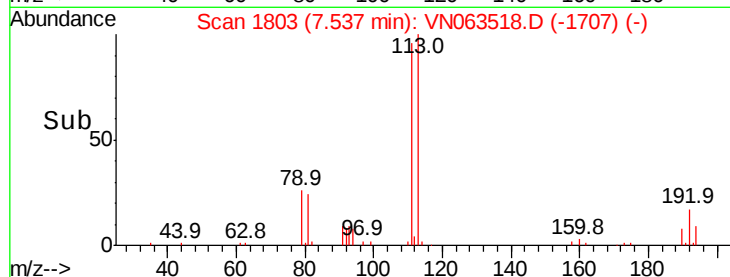
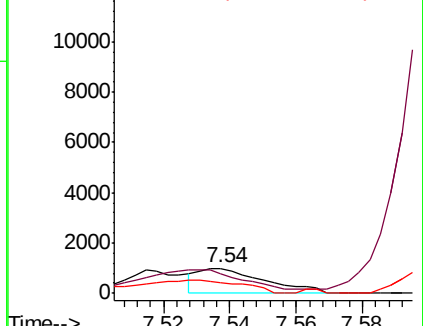
61 86.2 39.2 58.8#



Abundance Ion 96.90 (96.60 to 97.60): VNC

Ion 98.90 (98.60 to 99.60): VNC

Ion 60.90 (60.60 to 61.60): VNC



#33

1,2-Dichloroethane-d4

Concen: 48.365 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063518.D

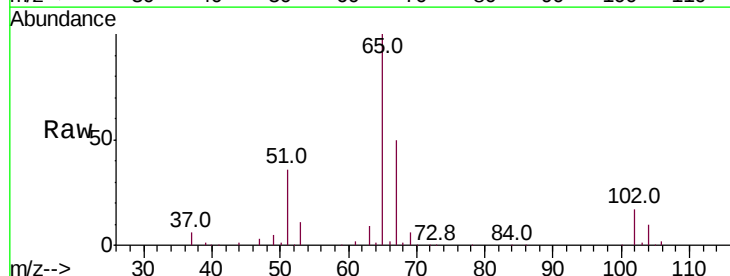
Acq: 22 Sep 2020 5:17

Tgt Ion: 65 Resp: 184617

Ion Ratio Lower Upper

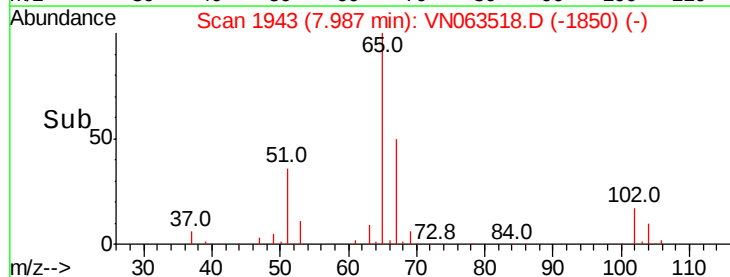
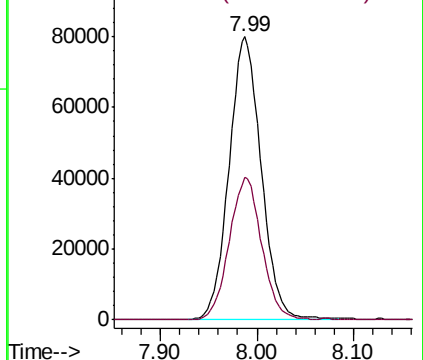
65 100

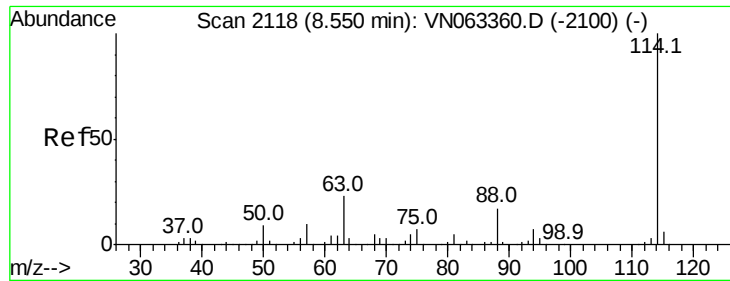
67 50.8 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VNC

Ion 66.90 (66.60 to 67.60): VNC

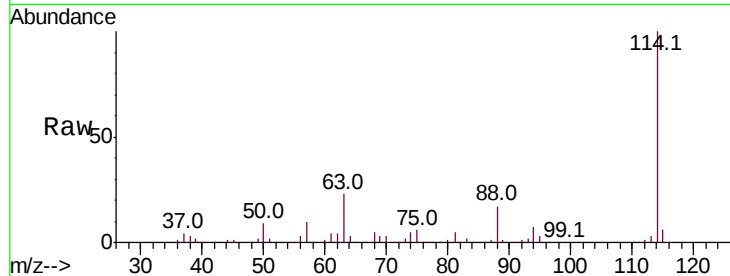




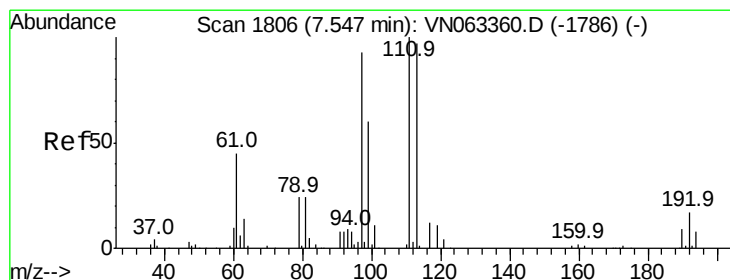
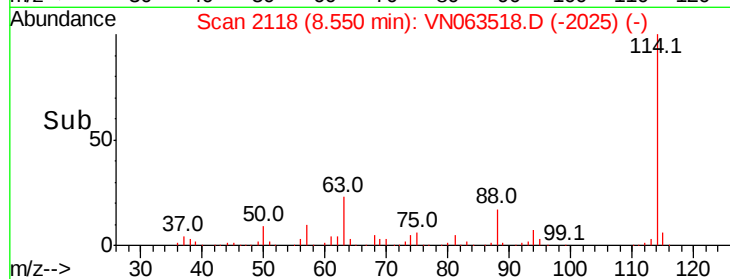
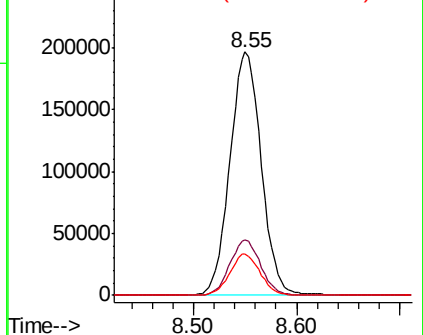
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063518.D
 Acq: 22 Sep 2020 5:17

Instrument :
 MSVOA_N
 ClientSampleId :
 RE108D2-20200915

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	46.4
88	17.0	0.0	33.2

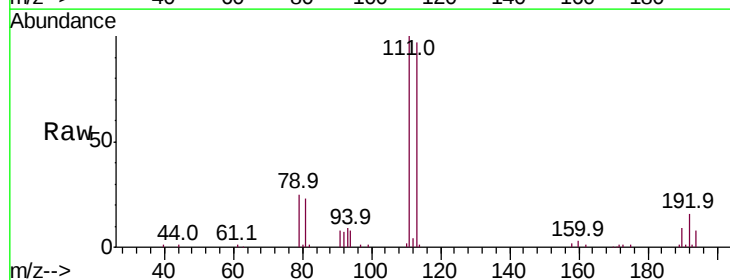


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

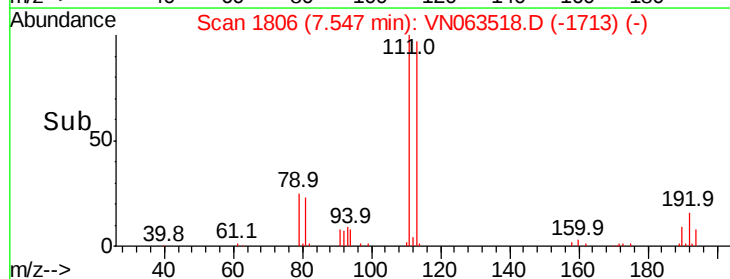
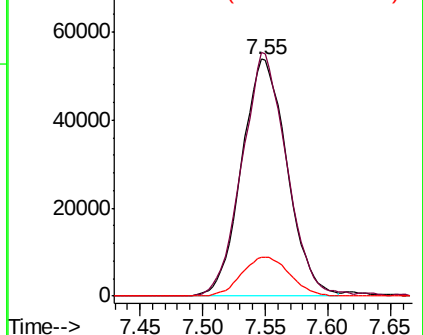


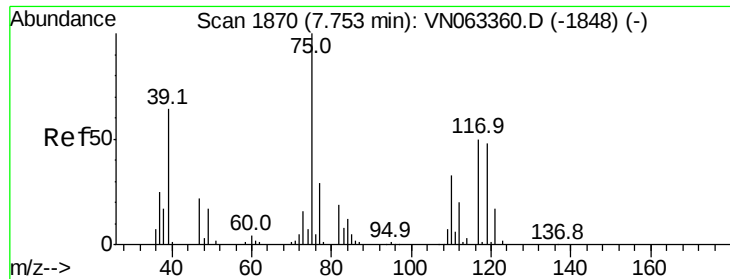
#35
 Dibromofluoromethane
 Concen: 47.099 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063518.D
 Acq: 22 Sep 2020 5:17

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.9	124.3
192	17.5	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: 4.717 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.13 min

Lab File: VN063518.D

Acq: 22 Sep 2020 5:17

Instrument :

MSVOA_N

ClientSampleId :

RE108D2-20200915

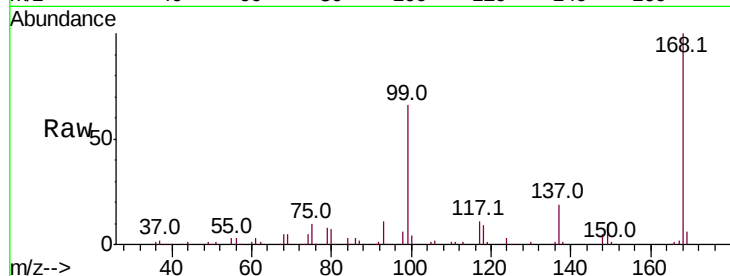
Tot Ion: 75 Resp: 20926

Ion Ratio Lower Upper

75 100

110 9.5 16.5 49.5#

77 0.0 24.6 36.8#

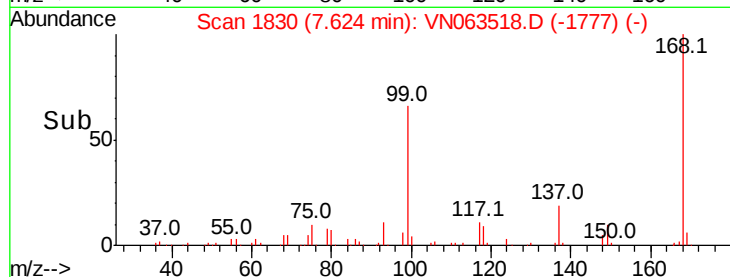


Abundance Ion 74.90 (74.60 to 75.60): VN063518.D (-1777) (-)

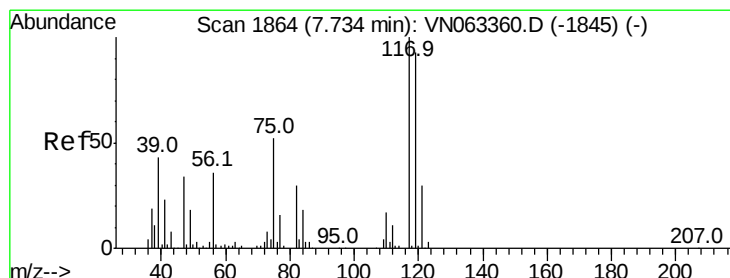
Ion 109.90 (109.60 to 110.60): VN063518.D (-1777) (-)

Ion 76.90 (76.60 to 77.60): VN063518.D (-1777) (-)

Time-->



Time-->



#38

Carbon Tetrachloride

Concen: 1.425 ug/l

RT: 7.74 min Scan# 1866

Delta R.T. 0.01 min

Lab File: VN063518.D

Acq: 22 Sep 2020 5:17

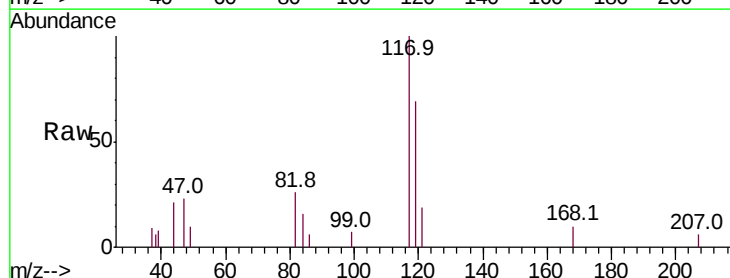
Tgt Ion: 117 Resp: 6456

Ion Ratio Lower Upper

117 100

119 68.8 74.5 111.7#

121 19.0 24.1 36.1#

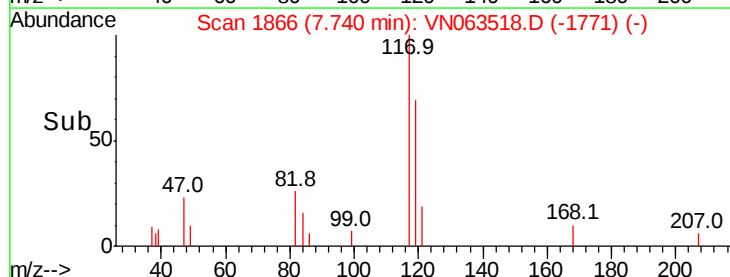


Abundance Ion 116.80 (116.50 to 117.50): VN063518.D (-1771) (-)

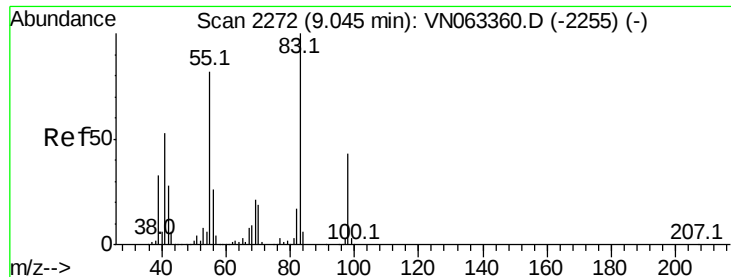
Ion 118.80 (118.50 to 119.50): VN063518.D (-1771) (-)

Ion 120.80 (120.50 to 121.50): VN063518.D (-1771) (-)

Time-->



Time-->



#39

Methylcyclohexane

Concen: 27.679 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.24 min

Lab File: VN063518.D

Acq: 22 Sep 2020 5:17

Instrument :

MSVOA_N

ClientSampleId :

RE108D2-20200915

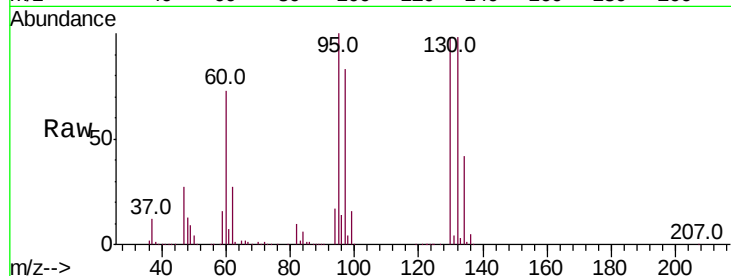
Tot Ion: 83 Resp: 133284

Ion Ratio Lower Upper

83 100

55 0.4 65.5 98.3#

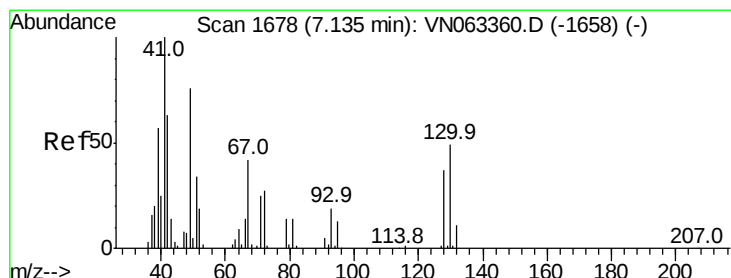
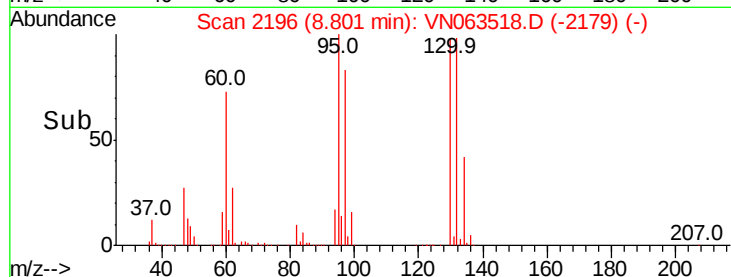
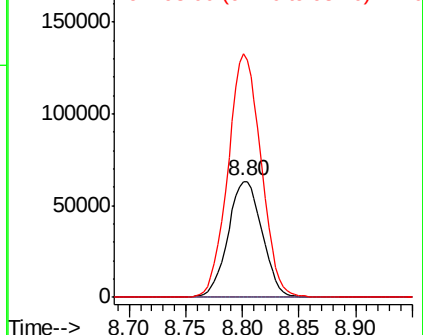
98 210.1 34.2 51.4#



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#41

Methacrylonitrile

Concen: 0.750 ug/l

RT: 7.18 min Scan# 1692

Delta R.T. 0.04 min

Lab File: VN063518.D

Acq: 22 Sep 2020 5:17

Tgt Ion: 41 Resp: 1468

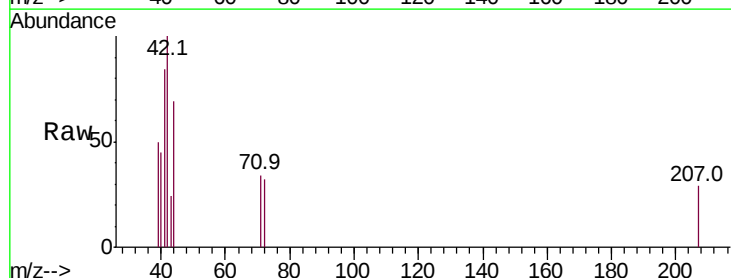
Ion Ratio Lower Upper

41 100

39 41.0 0.0 0.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

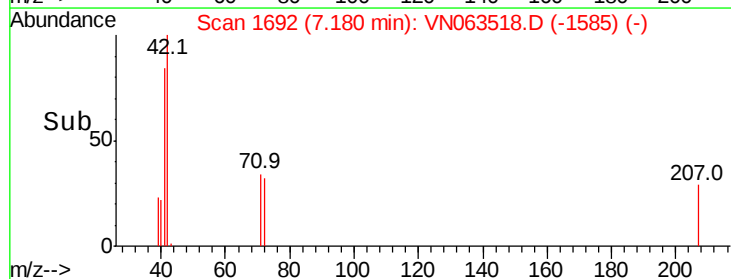
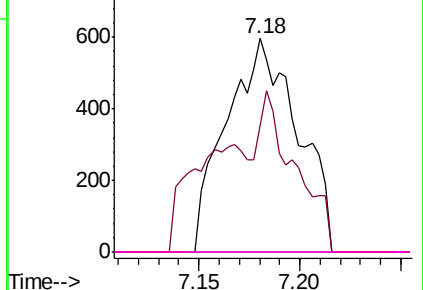


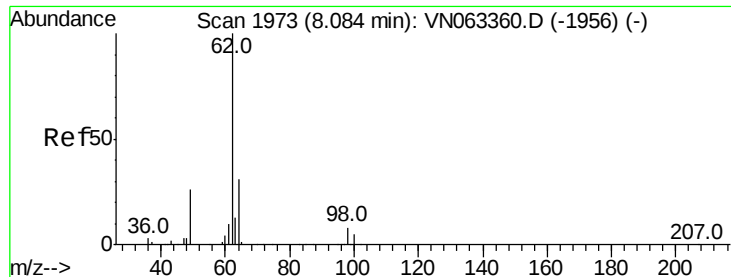
Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0





#42

1,2-Dichloroethane

Concen: 0.433 ug/l

RT: 8.09 min Scan# 1974

Delta R.T. 0.00 min

Lab File: VN063518.D

Acq: 22 Sep 2020 5:17

Instrument :

MSVOA_N

ClientSampleId :

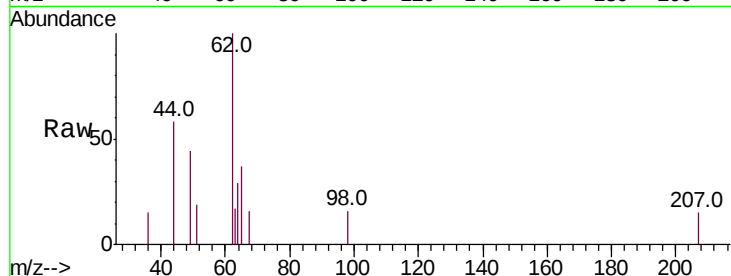
RE108D2-20200915

Tot Ion: 62 Resp: 2207

Ion Ratio Lower Upper

62 100

98 3.0 0.0 15.6



Abundance Ion 61.90 (61.60 to 62.60): VN063360.D (-1956) (-)

Ion 97.90 (97.60 to 98.60): VN063360.D (-1956) (-)

1200

1000

800

600

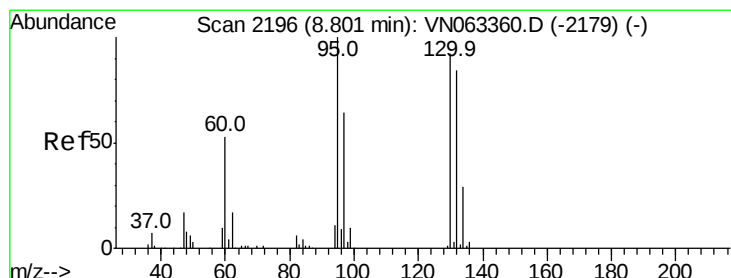
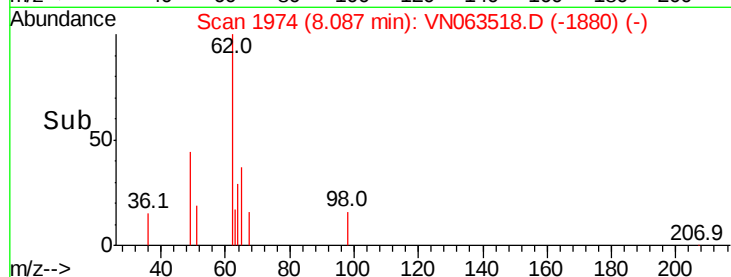
400

200

0

8.05 8.10

Time-->



#44

Trichloroethene

Concen: 2502.205 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063518.D

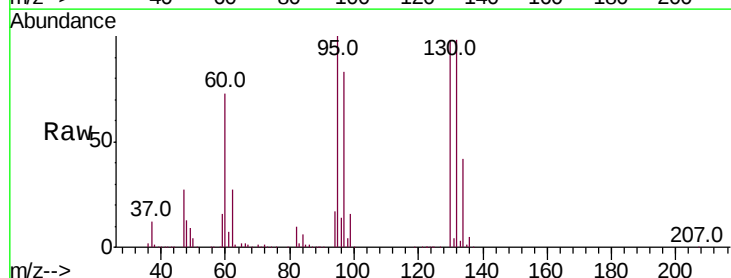
Acq: 22 Sep 2020 5:17

Tgt Ion:130 Resp: 7686568

Ion Ratio Lower Upper

130 100

95 102.0 0.0 217.4



Abundance Ion 129.80 (129.50 to 130.50): VN063360.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN063360.D (-2179) (-)

3000000

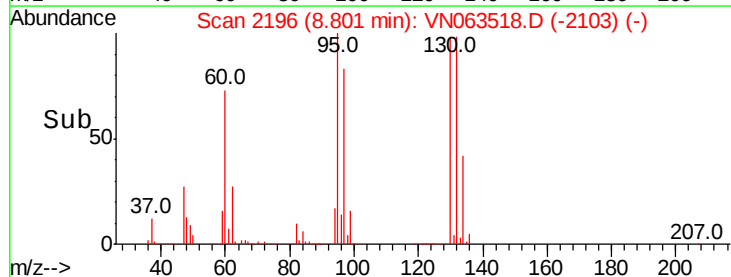
2000000

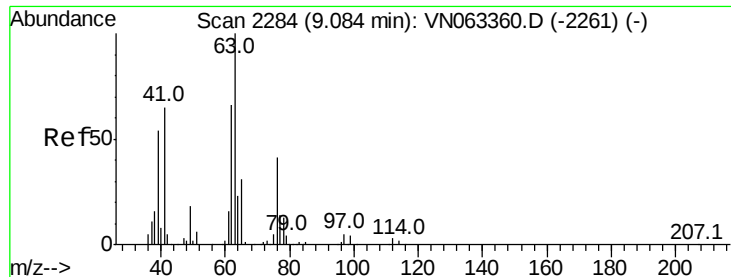
1000000

0

8.70 8.80 8.90 9.00

Time-->





#45

1,2-Dichloropropane

Concen: 8.498 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.28 min

Lab File: VN063518.D

Acq: 22 Sep 2020 5:17

Instrument :

MSVOA_N

ClientSampleId :

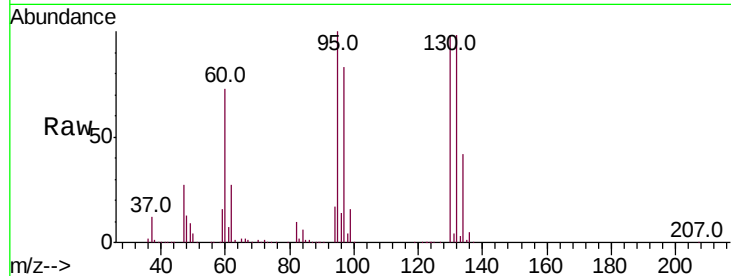
RE108D2-20200915

Tot Ion: 63 Resp: 29313

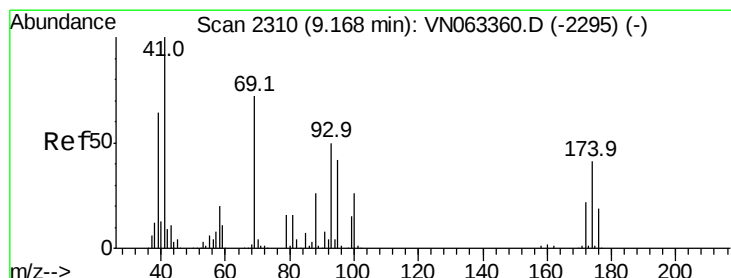
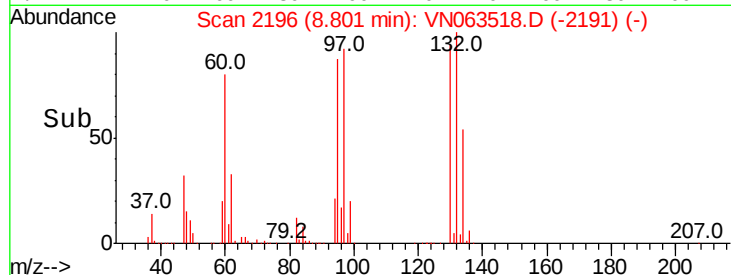
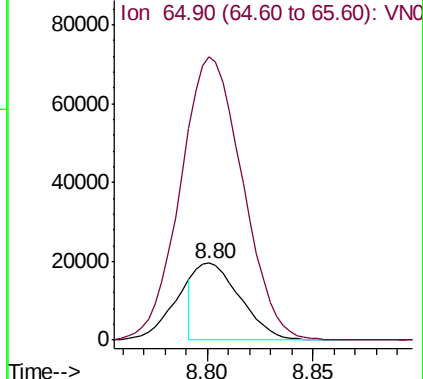
Ion Ratio Lower Upper

63 100

65 366.0 25.0 37.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0



#49

1,4-Dioxane

Concen: 14.882 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063518.D

Acq: 22 Sep 2020 5:17

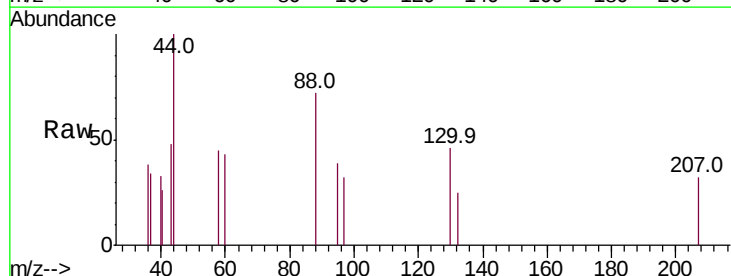
Tgt Ion: 88 Resp: 817

Ion Ratio Lower Upper

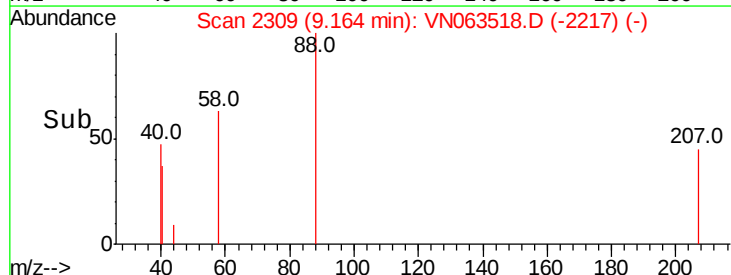
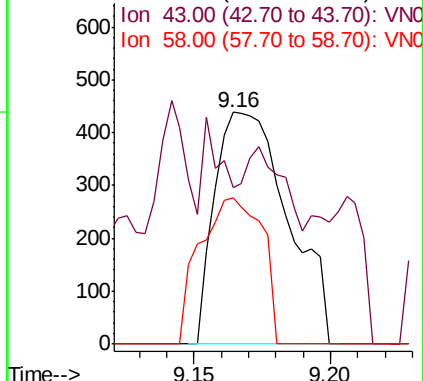
88 100

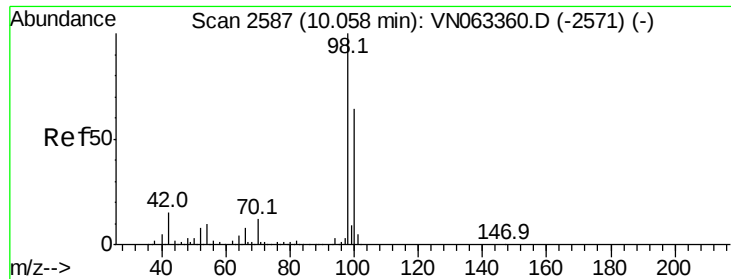
43 9.9 32.6 49.0#

58 53.4 60.0 90.0#



Abundance Ion 88.00 (87.70 to 88.70): VN0





#50

Toluene-d8

Concen: 49.738 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN063518.D

Acq: 22 Sep 2020 5:17

Instrument :

MSVOA_N

ClientSampleId :

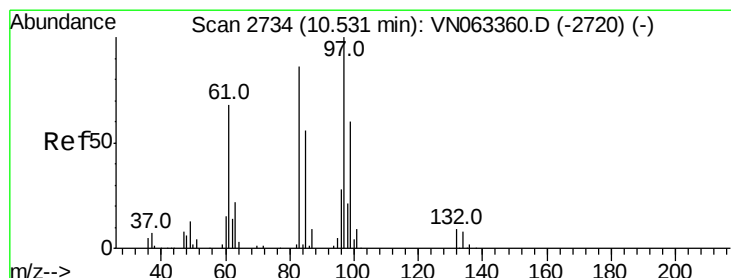
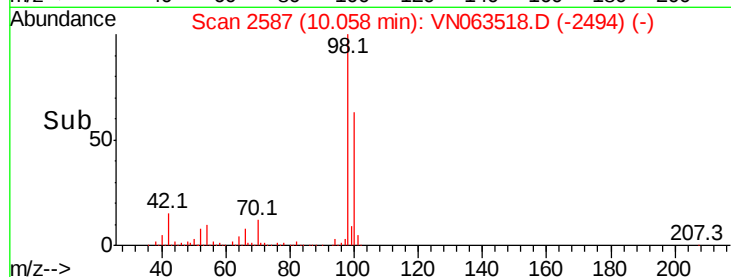
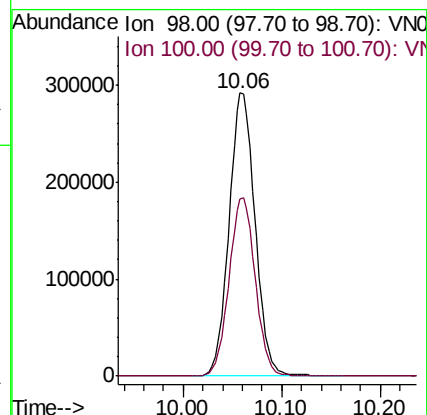
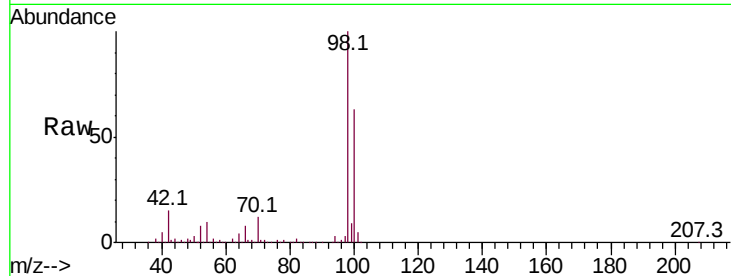
RE108D2-20200915

Tot Ion: 98 Resp: 539199

Ion Ratio Lower Upper

98 100

100 63.5 50.7 76.1



#55

1,1,2-Trichloroethane

Concen: 1.386 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN063518.D

Acq: 22 Sep 2020 5:17

Tgt Ion: 97 Resp: 4191

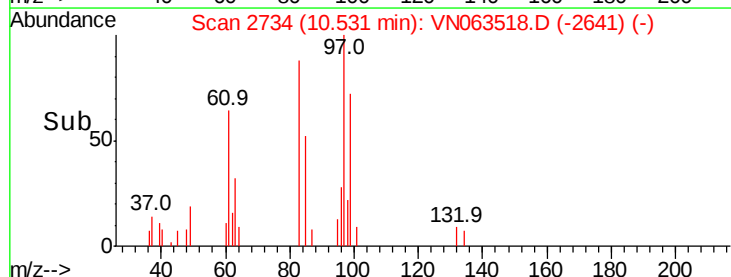
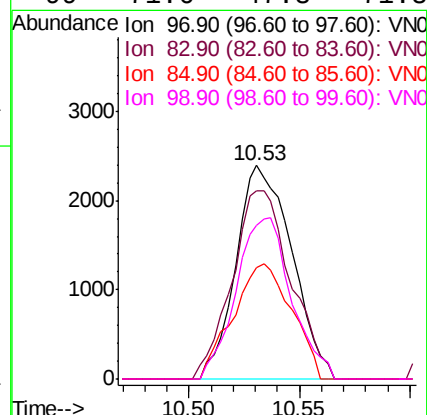
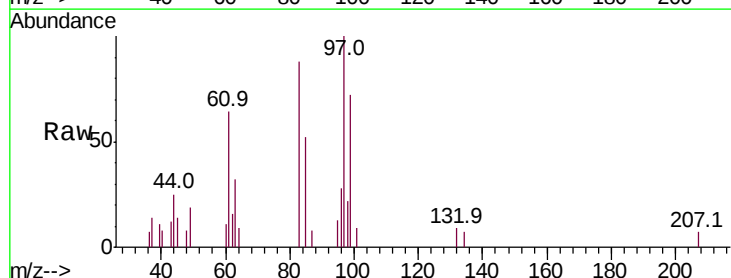
Ion Ratio Lower Upper

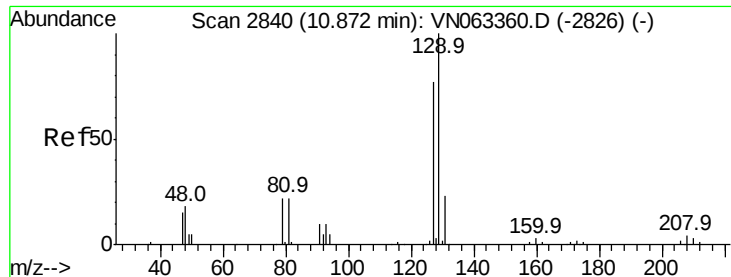
97 100

83 88.3 68.9 103.3

85 52.4 44.8 67.2

99 71.6 47.8 71.8





#60

Dibromochloromethane

Concen: 2.550 ug/l

RT: 10.60 min Scan# 2757

Delta R.T. -0.27 min

Lab File: VN063518.D

Acq: 22 Sep 2020 5:17

Instrument :

MSVOA_N

ClientSampleId :

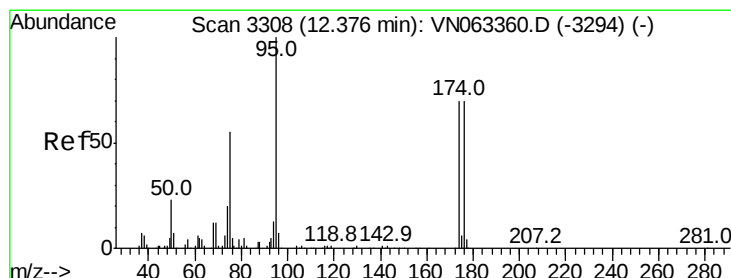
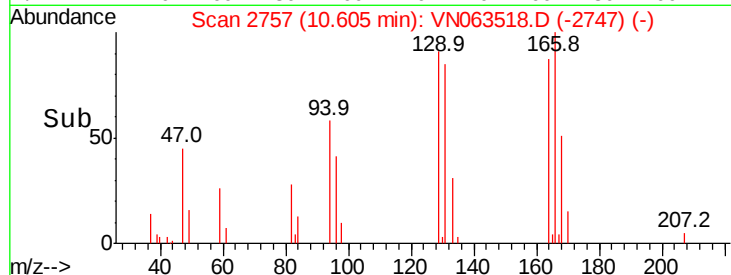
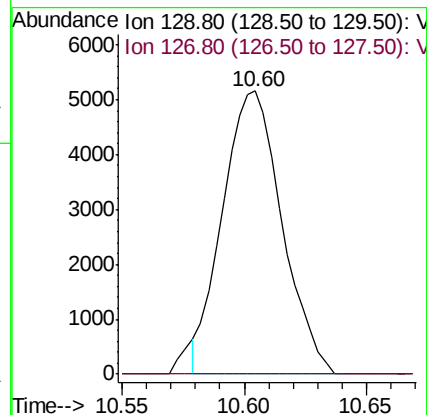
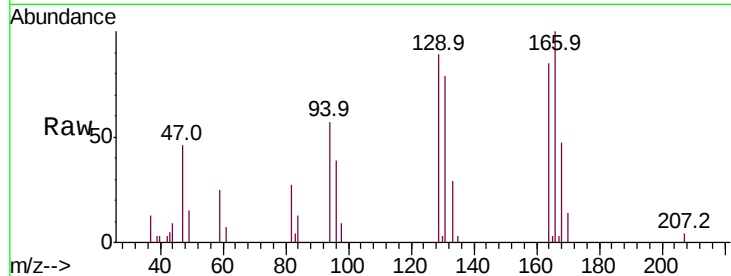
RE108D2-20200915

Tot Ion:129 Resp: 8713

Ion Ratio Lower Upper

129 100

127 0.0 39.1 117.3#



#62

4-Bromofluorobenzene

Concen: 53.247 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063518.D

Acq: 22 Sep 2020 5:17

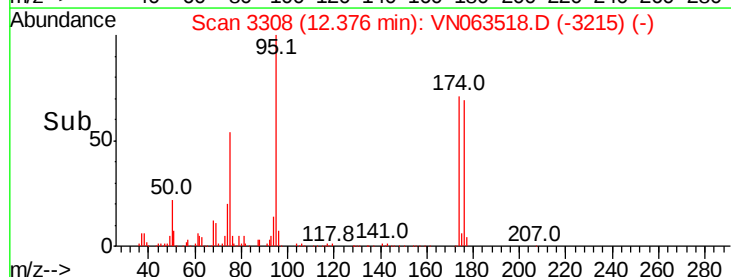
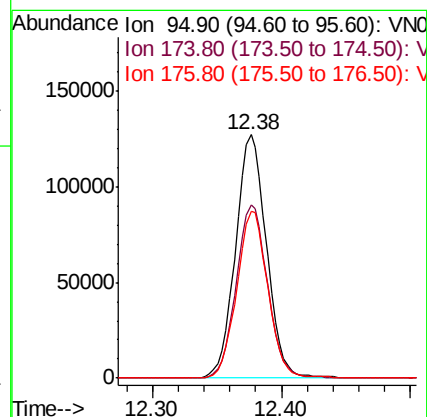
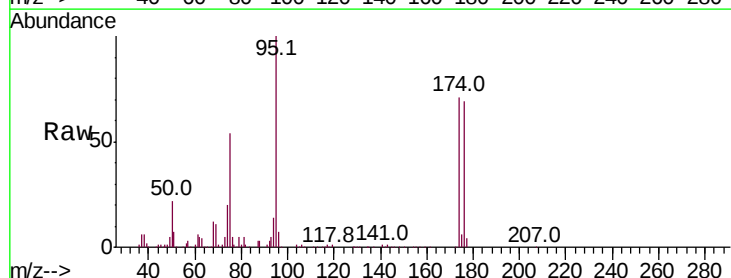
Tgt Ion: 95 Resp: 211606

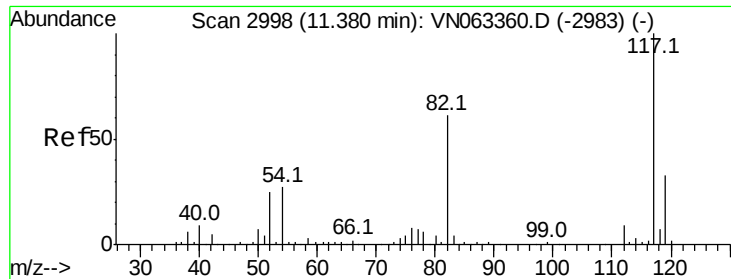
Ion Ratio Lower Upper

95 100

174 72.2 0.0 140.8

176 69.4 0.0 137.6

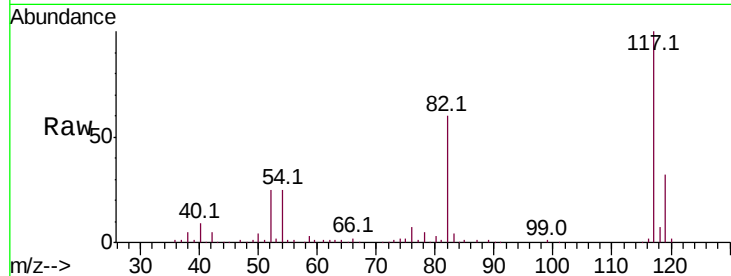




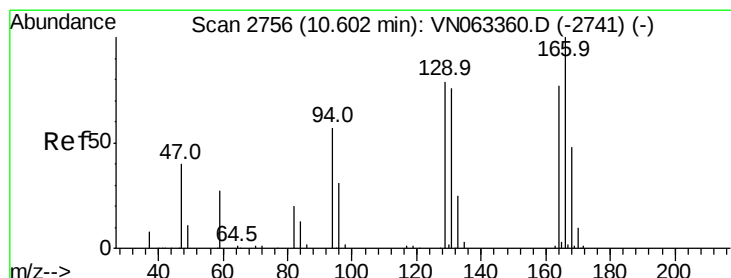
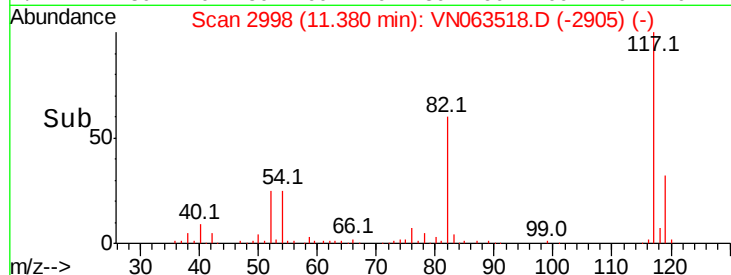
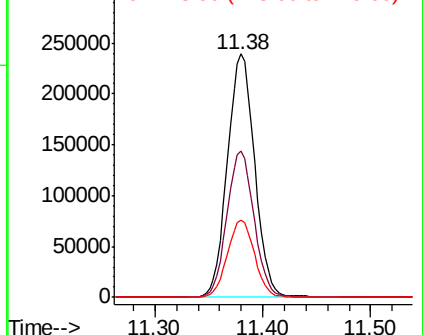
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063518.D
Acq: 22 Sep 2020 5:17

Instrument :
MSVOA_N
ClientSampleId :
RE108D2-20200915

Tot Ion:117 Resp: 422681
Ion Ratio Lower Upper
117 100
82 59.9 49.2 73.8
119 31.9 26.2 39.4

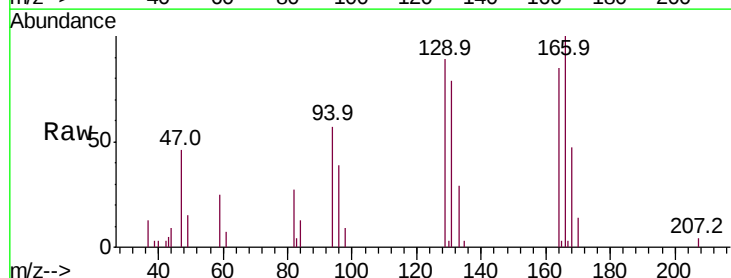


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

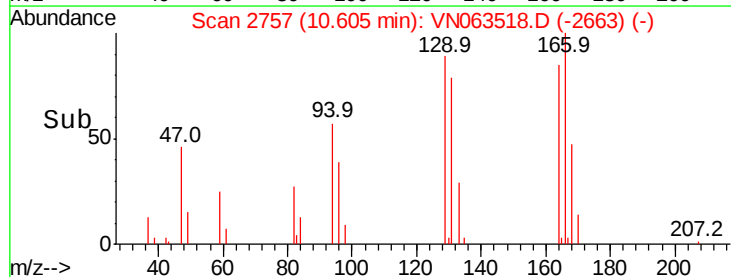
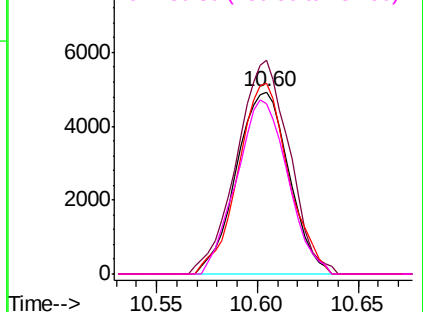


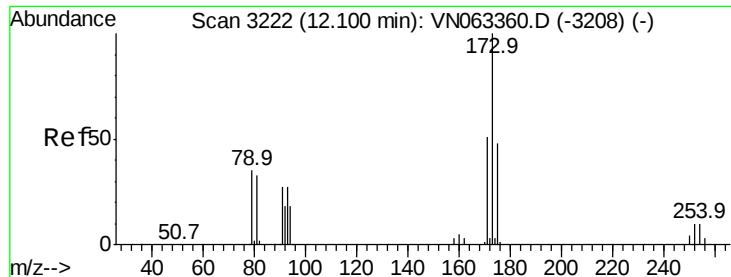
#64
Tetrachloroethene
Concen: 3.128 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063518.D
Acq: 22 Sep 2020 5:17

Tgt Ion:164 Resp: 9003
Ion Ratio Lower Upper
164 100
166 117.2 103.4 155.0
129 104.5 81.8 122.6
131 93.2 78.2 117.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#71

Bromoform

Concen: 0.231 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. 0.27 min

Lab File: VN063518.D

Acq: 22 Sep 2020 5:17

Instrument :

MSVOA_N

ClientSampleId :

RE108D2-20200915

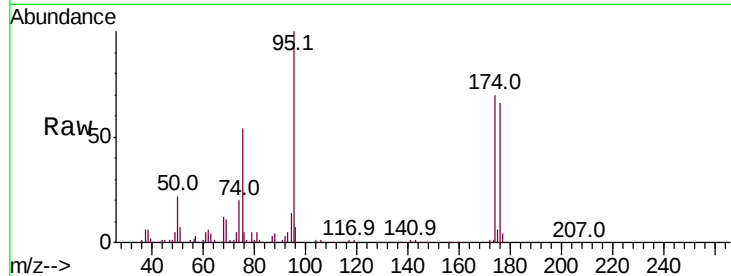
Tot Ion:173 Resp: 567

Ion Ratio Lower Upper

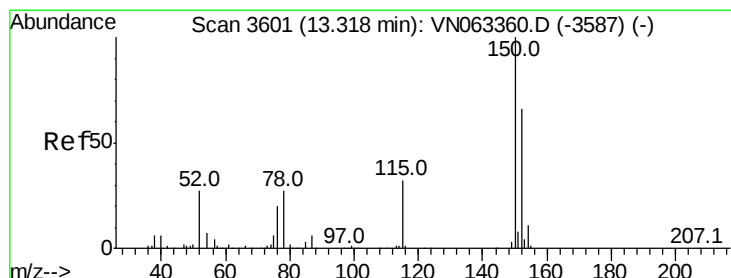
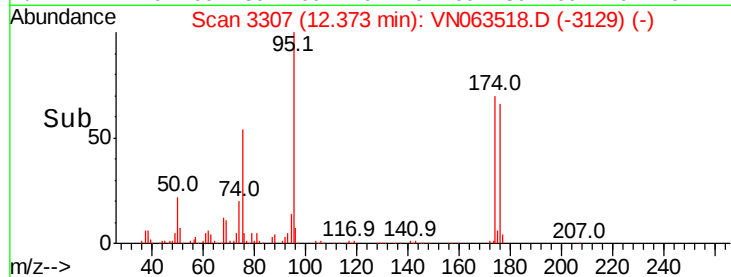
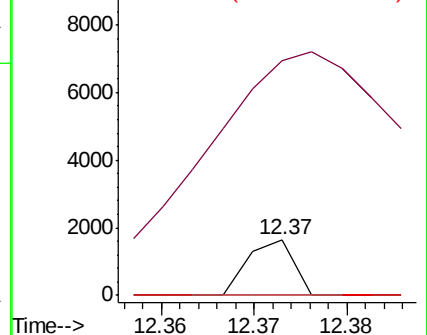
173 100

175 1767.9 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: VN063518.D

Acq: 22 Sep 2020 5:17

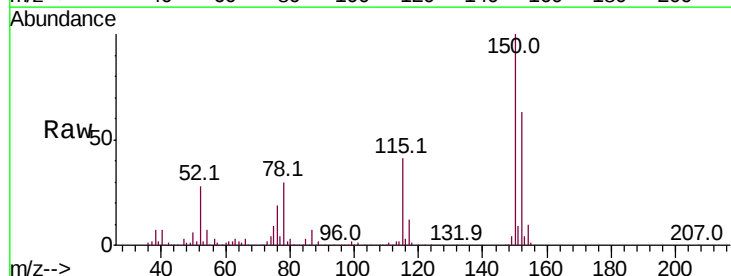
Tgt Ion:152 Resp: 176290

Ion Ratio Lower Upper

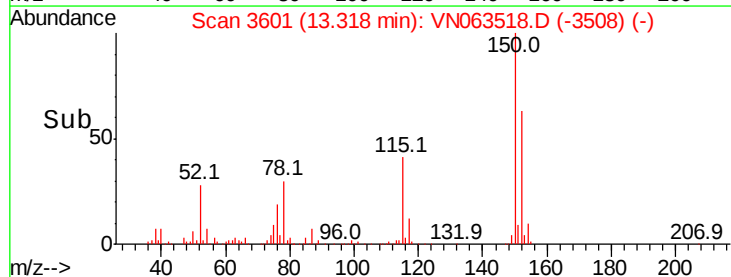
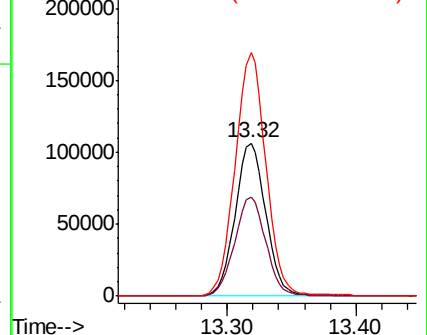
152 100

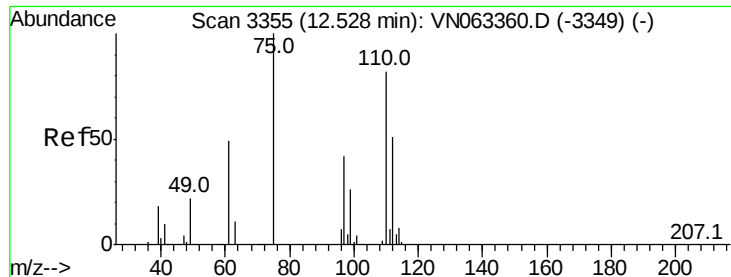
115 65.5 32.2 96.6

150 158.5 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

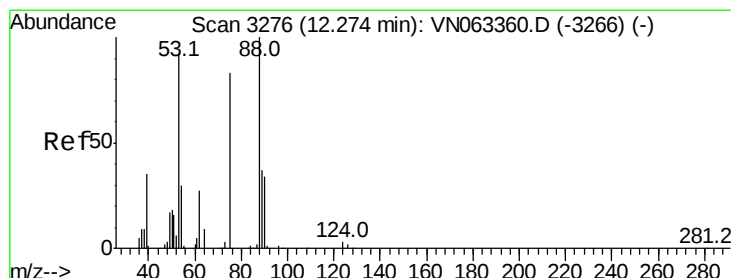
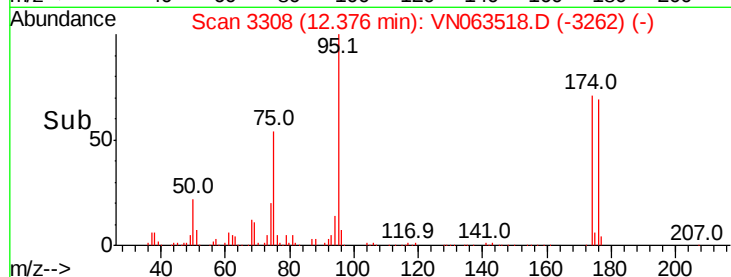
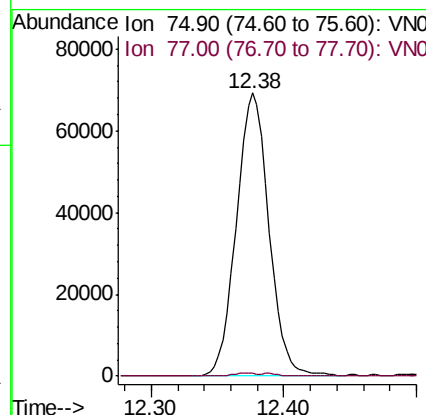
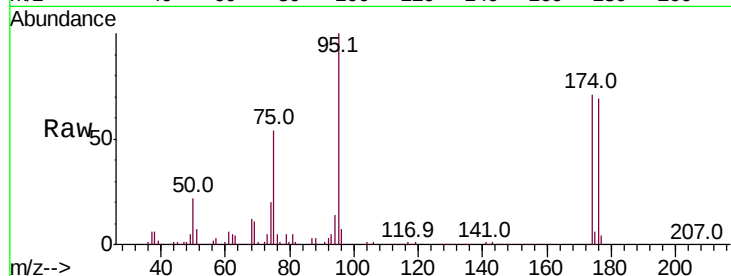




#76
 1,2,3-Trichloropropane
 Concen: 27.048 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.15 min
 Lab File: VN063518.D
 Acq: 22 Sep 2020 5:17

Instrument :
 MSVOA_N
 ClientSampleId :
 RE108D2-20200915

Tot Ion: 75 Resp: 118021
 Ion Ratio Lower Upper
 75 100
 77 0.7 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.155 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.10 min
 Lab File: VN063518.D
 Acq: 22 Sep 2020 5:17

Tgt Ion: 75 Resp: 118021
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.7 128.5#
 89 0.0 38.0 57.0#

