

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092120\
 Data File : VN063512.D
 Acq On : 22 Sep 2020 2:53
 Operator : JC/MD
 Sample : L4082-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE105D2-20200915

Quant Time: Sep 22 05:00:11 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	224456	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	420437	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	422990	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	182524	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	183195	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	
35) Dibromofluoromethane	7.55	113	135932	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	
50) Toluene-d8	10.06	98	542161	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
62) 4-Bromofluorobenzene	12.38	95	215092	53.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.22%	

Target Compounds

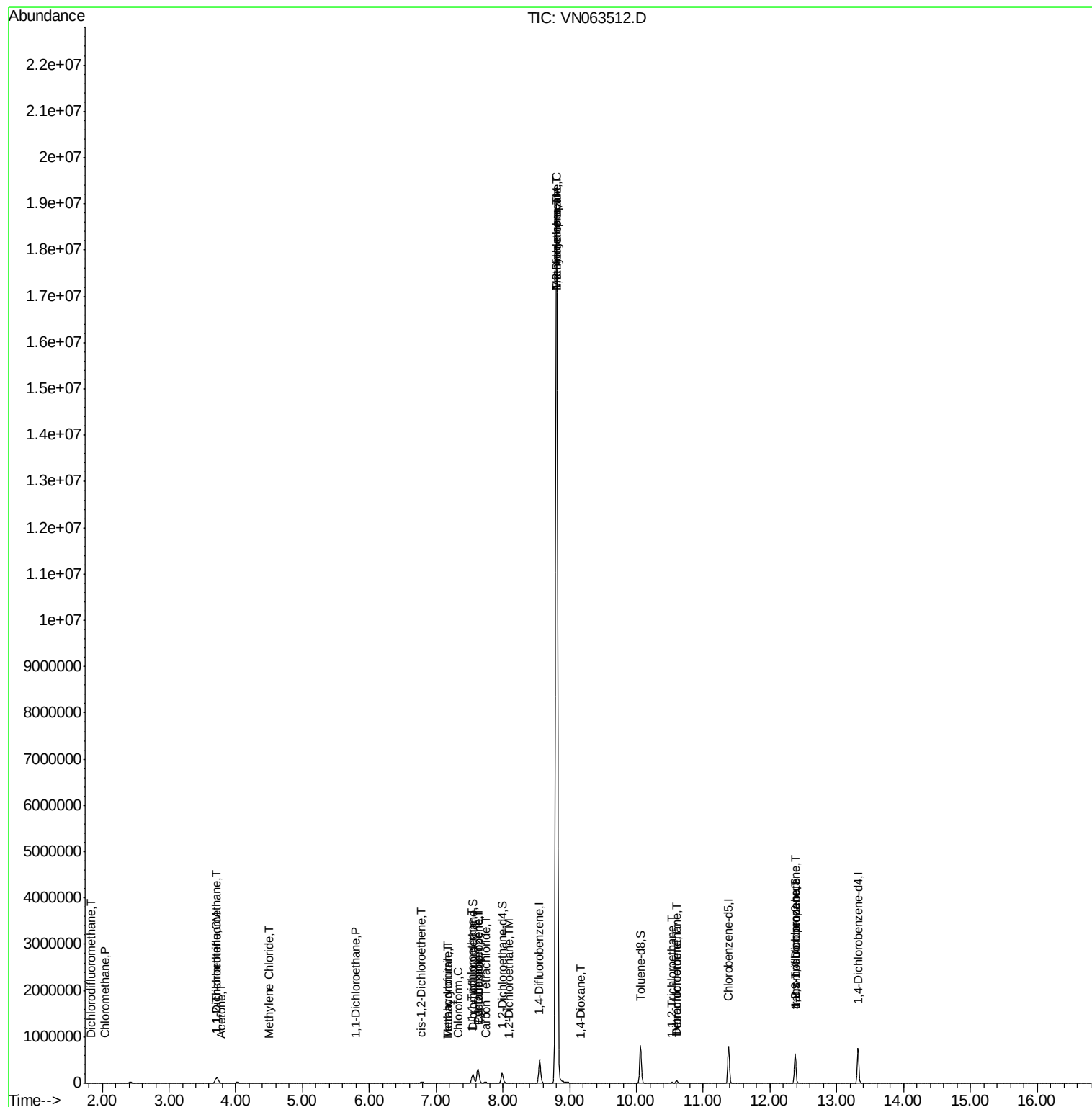
						Qvalue
2) Dichlorodifluoromethane	1.83	85	1220	0.480	ug/l	76
3) Chloromethane	2.04	50	1239	0.368	ug/l #	80
9) 1,1,2-Trichlorotrifluoroet	3.72	101	59783	23.906	ug/l	99
12) 1,1-Dichloroethene	3.70	96	23382	9.231	ug/l	91
16) Acetone	3.79	43	3995	3.253	ug/l	90
20) Methylene Chloride	4.50	84	1238	0.398	ug/l #	40
24) 1,1-Dichloroethane	5.79	63	4839	0.867	ug/l #	90
27) cis-1,2-Dichloroethene	6.78	96	14485	4.560	ug/l	90
29) Tetrahydrofuran	7.18	42	1569	1.216	ug/l #	52
30) Chloroform	7.33	83	10475	1.872	ug/l #	79
31) Cyclohexane	7.62	56	6266	1.187	ug/l #	31
32) 1,1,1-Trichloroethane	7.53	97	2083	0.418	ug/l #	45
36) 1,1-Dichloropropene	7.62	75	21471	4.794	ug/l #	48
38) Carbon Tetrachloride	7.73	117	13409	2.933	ug/l #	90
39) Methylcyclohexane	8.80	83	98661	20.295	ug/l #	1
41) Methacrylonitrile	7.17	41	465	0.235	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	1994	0.388	ug/l	92
44) Trichloroethene	8.80	130	6379977	2057.210	ug/l	96
45) 1,2-Dichloropropane	8.80	63	20837	5.983	ug/l #	1
49) 1,4-Dioxane	9.17	88	1324	23.889	ug/l #	73
55) 1,1,2-Trichloroethane	10.53	97	4433	1.452	ug/l	89
60) Dibromochloromethane	10.60	129	10645	3.086	ug/l #	10
64) Tetrachloroethene	10.60	164	10967	3.808	ug/l	94
76) 1,2,3-Trichloropropane	12.38	75	120460	26.664	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	120460	73.102	ug/l #	7

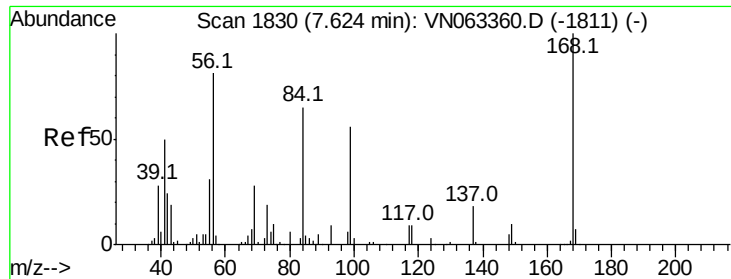
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092120\
Data File : VN063512.D
Acq On : 22 Sep 2020 2:53
Operator : JC/MD
Sample : L4082-07
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
RE105D2-20200915

Quant Time: Sep 22 05:00:11 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: VN063512.D

Acq: 22 Sep 2020 2:53

Instrument :

MSVOA_N

ClientSampleId :

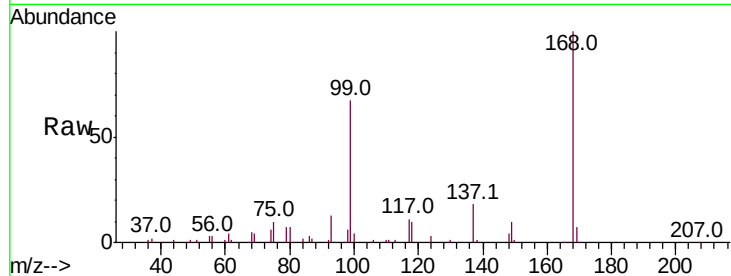
RE105D2-20200915

Tot Ion:168 Resp: 224456

Ion Ratio Lower Upper

168 100

99 66.7 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

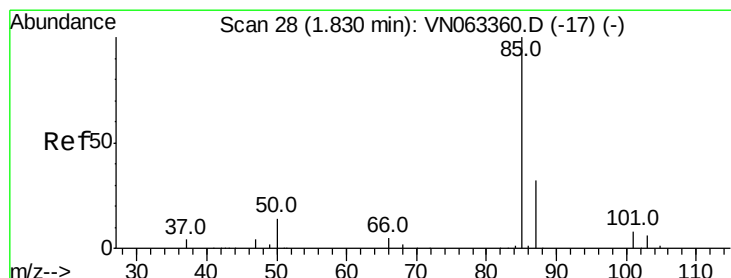
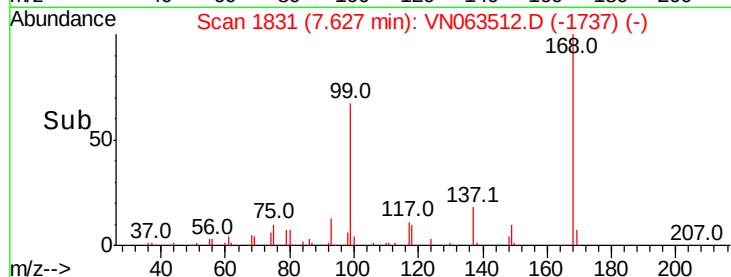
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.480 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063512.D

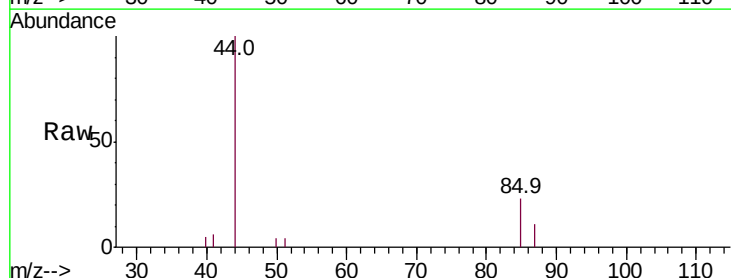
Acq: 22 Sep 2020 2:53

Tgt Ion: 85 Resp: 1220

Ion Ratio Lower Upper

85 100

87 44.9 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1000

800

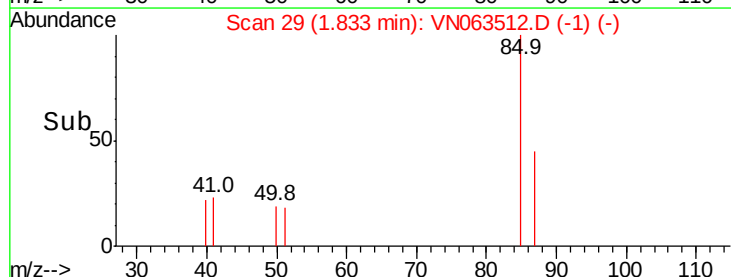
600

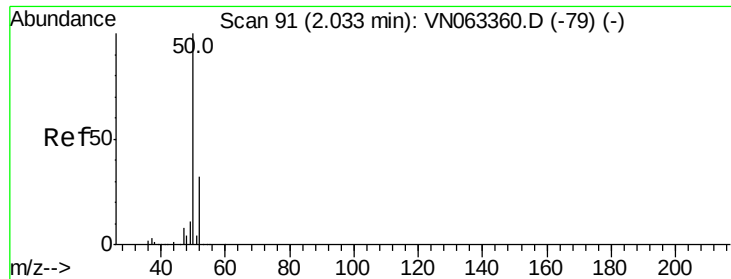
400

200

0

Time-->





#3

Chloromethane

Concen: 0.368 ug/l

RT: 2.04 min Scan# 94

Delta R.T. 0.01 min

Lab File: VN063512.D

Acq: 22 Sep 2020 2:53

Instrument :

MSVOA_N

ClientSampleId :

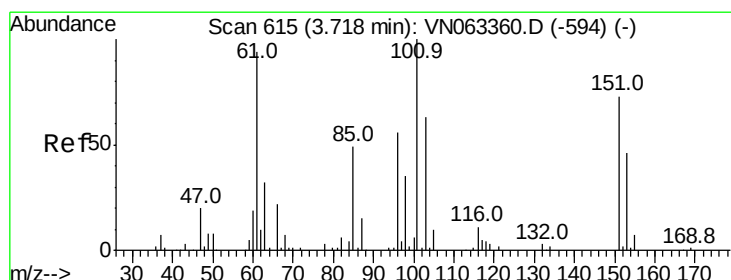
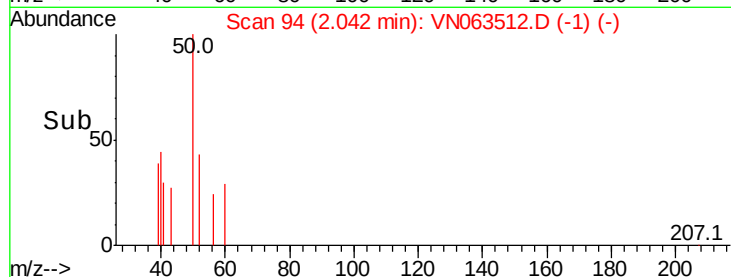
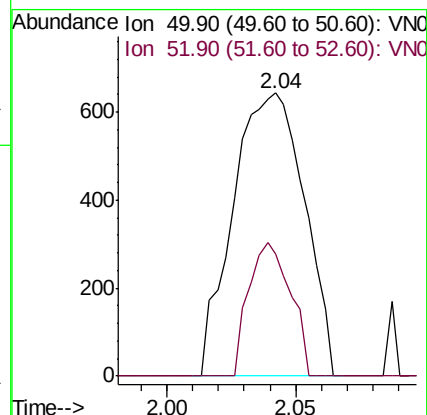
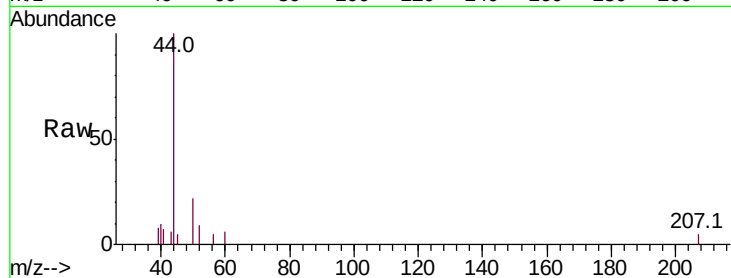
RE105D2-20200915

Tot Ion: 50 Resp: 1239

Ion Ratio Lower Upper

50 100

52 43.4 25.9 38.9#



#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.906 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.01 min

Lab File: VN063512.D

Acq: 22 Sep 2020 2:53

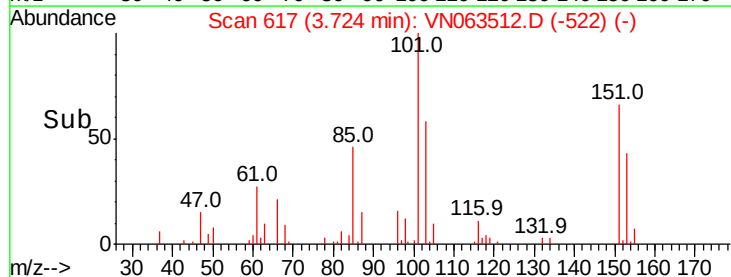
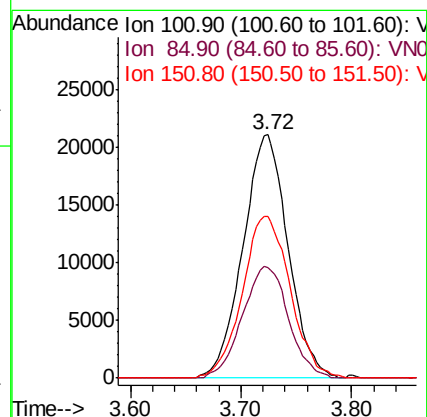
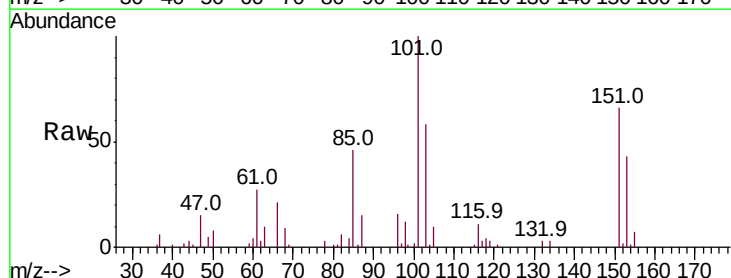
Tgt Ion: 101 Resp: 59783

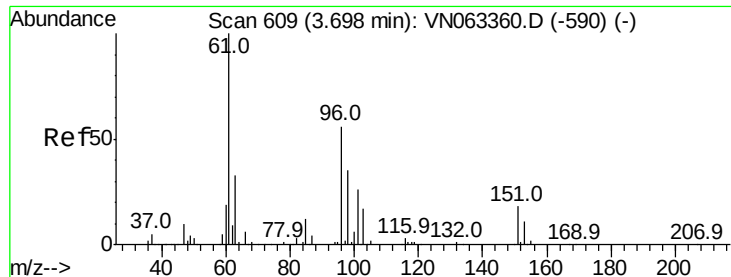
Ion Ratio Lower Upper

101 100

85 46.9 37.7 56.5

151 70.7 57.7 86.5

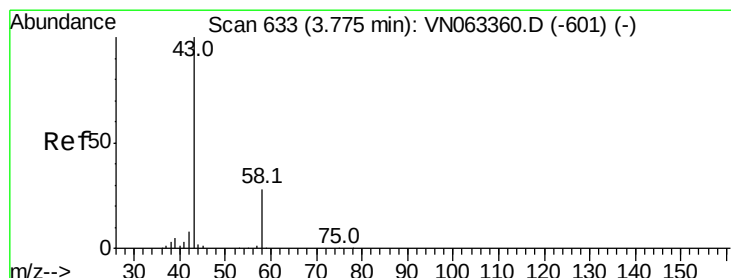
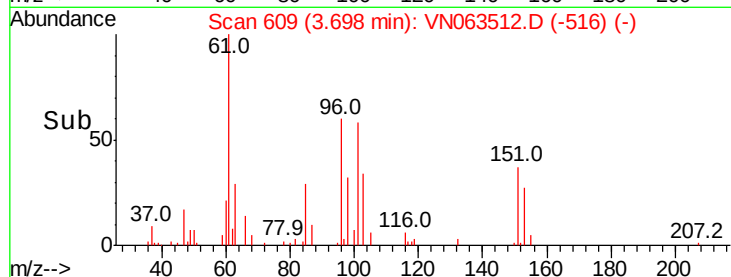
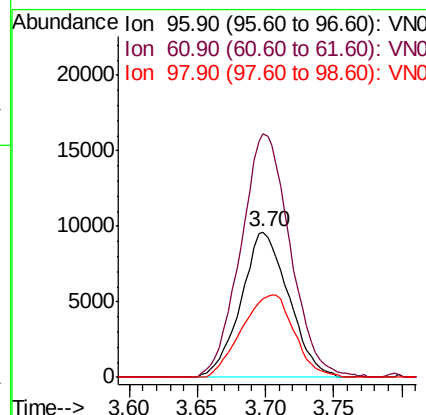
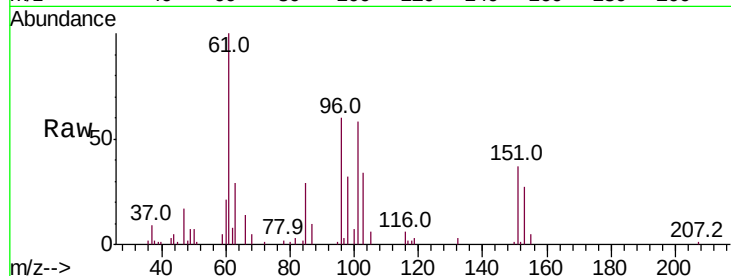




#12
 1,1-Dichloroethene
 Concen: 9.231 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN063512.D
 Acq: 22 Sep 2020 2:53

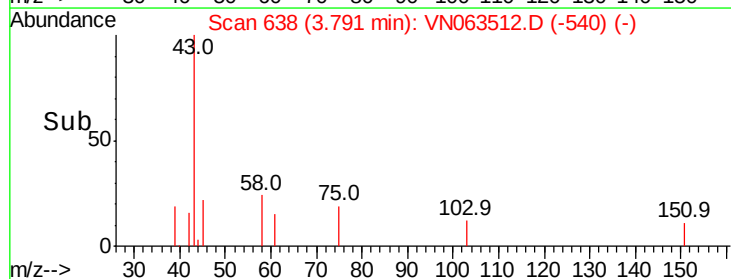
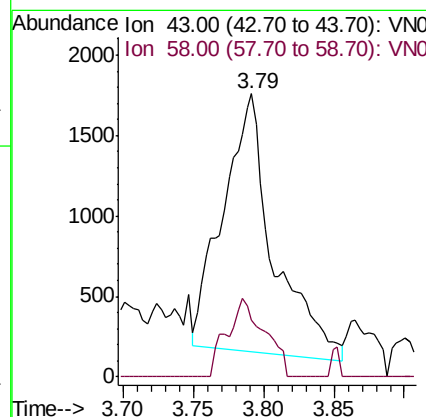
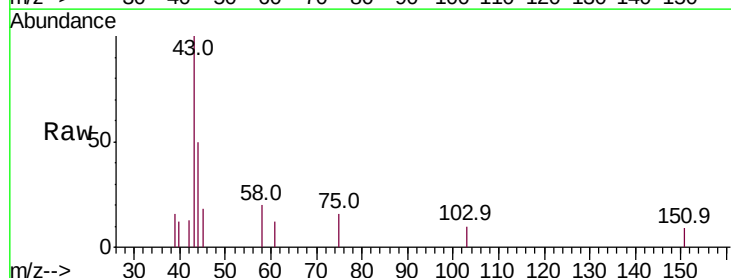
Instrument :
 MSVOA_N
 ClientSampleId :
 RE105D2-20200915

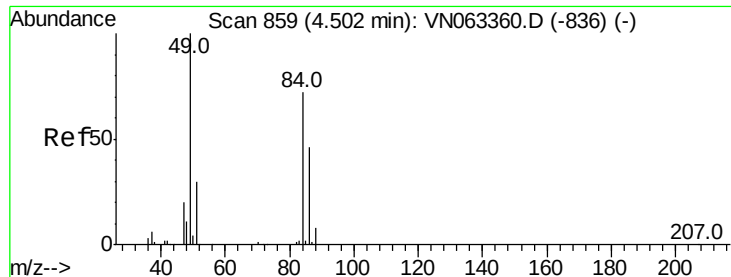
Tot Ion	96	Resp	23382
Ion Ratio	Lower	Upper	
96	100		
61	167.7	143.4	215.2
98	53.7	50.6	76.0



#16
 Acetone
 Concen: 3.253 ug/l
 RT: 3.79 min Scan# 638
 Delta R.T. 0.02 min
 Lab File: VN063512.D
 Acq: 22 Sep 2020 2:53

Tgt Ion	43	Resp	3995
Ion Ratio	Lower	Upper	
43	100		
58	22.7	22.3	33.5





#20

Methylene Chloride

Concen: 0.398 ug/l

RT: 4.50 min Scan# 858

Delta R.T. -0.00 min

Lab File: VN063512.D

Acq: 22 Sep 2020 2:53

Instrument :

MSVOA_N

ClientSampleId :

RE105D2-20200915

Tot Ion: 84 Resp: 1238

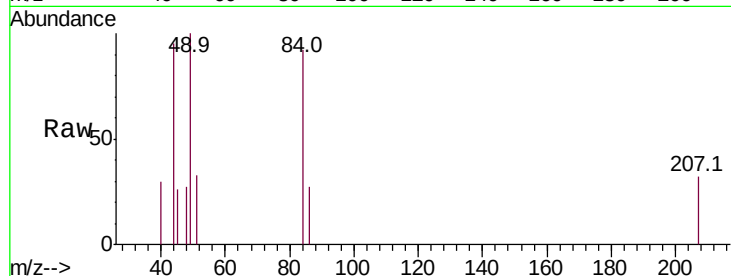
Ion Ratio Lower Upper

84 100

49 53.2 110.7 166.1#

51 9.2 32.9 49.3#

86 29.7 51.1 76.7#

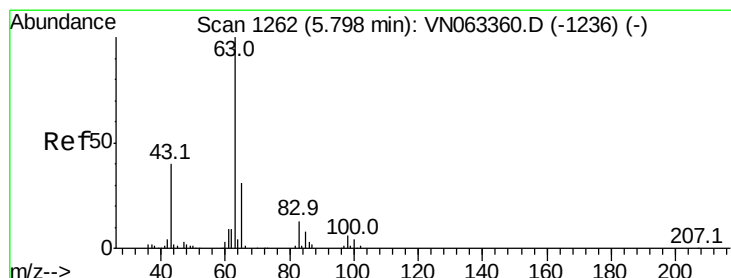
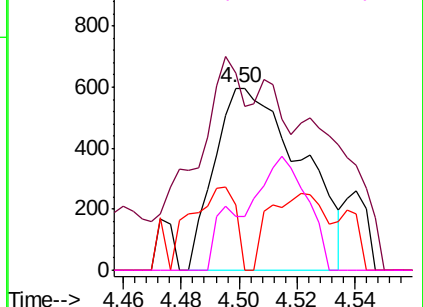
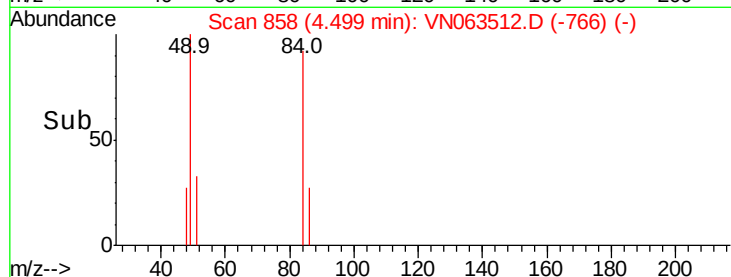


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 0.867 ug/l

RT: 5.79 min Scan# 1260

Delta R.T. -0.01 min

Lab File: VN063512.D

Acq: 22 Sep 2020 2:53

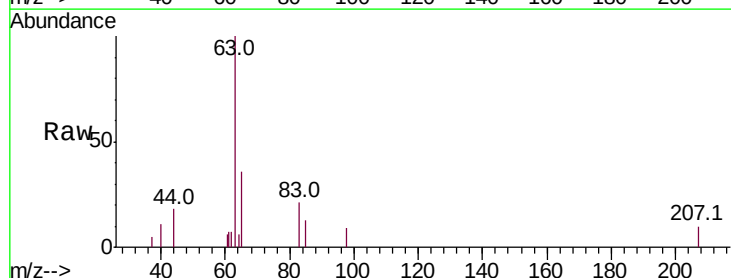
Tgt Ion: 63 Resp: 4839

Ion Ratio Lower Upper

63 100

98 8.7 2.9 8.8

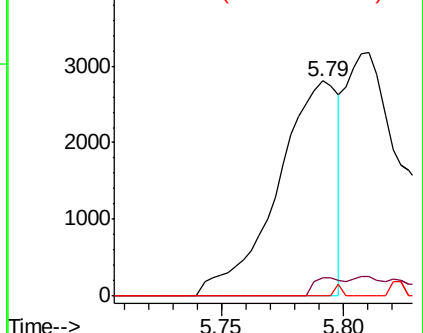
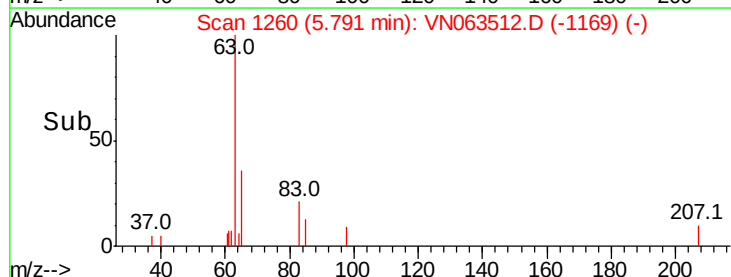
100 0.0 2.1 6.3#

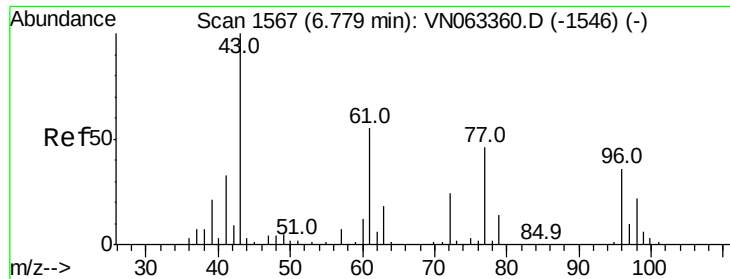


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 4.560 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VN063512.D

Acq: 22 Sep 2020 2:53

Instrument :

MSVOA_N

ClientSampleId :

RE105D2-20200915

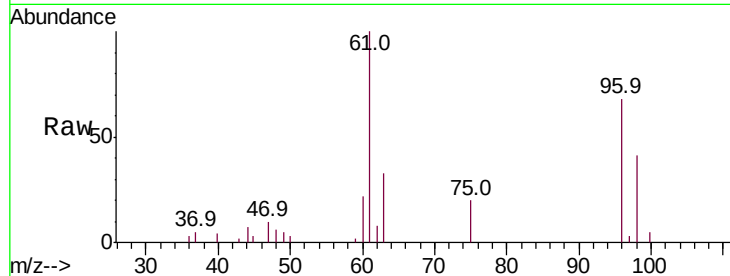
Tot Ion: 96 Resp: 14485

Ion Ratio Lower Upper

96 100

61 141.2 0.0 319.6

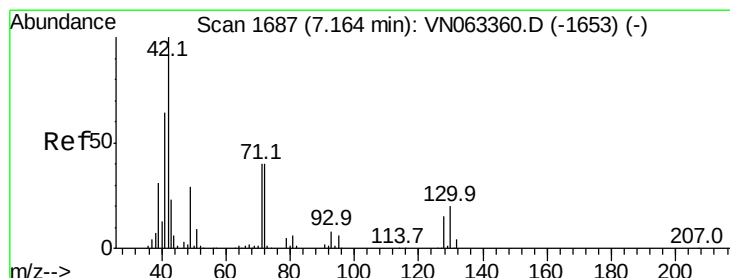
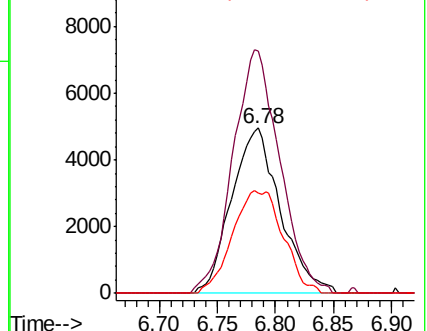
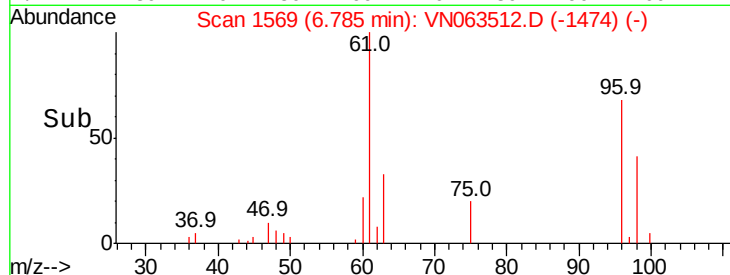
98 64.2 0.0 127.8



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: 1.216 ug/l

RT: 7.18 min Scan# 1691

Delta R.T. 0.01 min

Lab File: VN063512.D

Acq: 22 Sep 2020 2:53

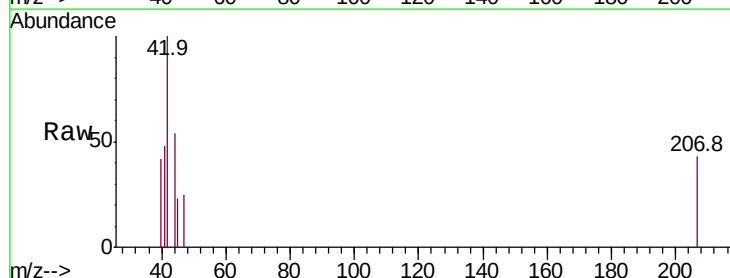
Tgt Ion: 42 Resp: 1569

Ion Ratio Lower Upper

42 100

72 6.4 32.1 48.1#

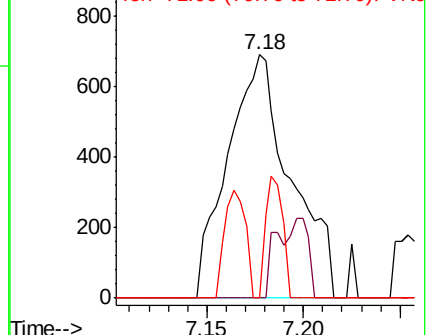
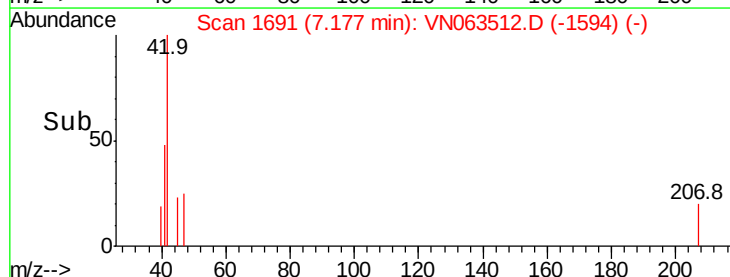
71 13.7 31.2 46.8#

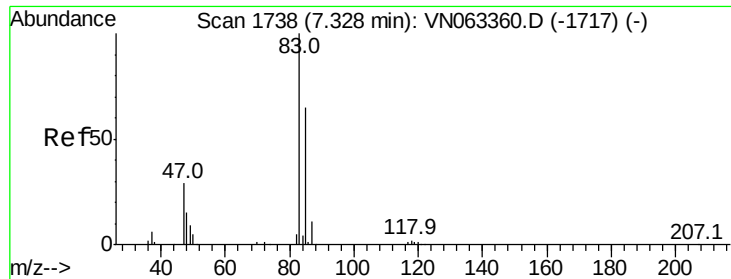


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0





#30

Chloroform

Concen: 1.872 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VN063512.D

Acq: 22 Sep 2020 2:53

Instrument :

MSVOA_N

ClientSampleId :

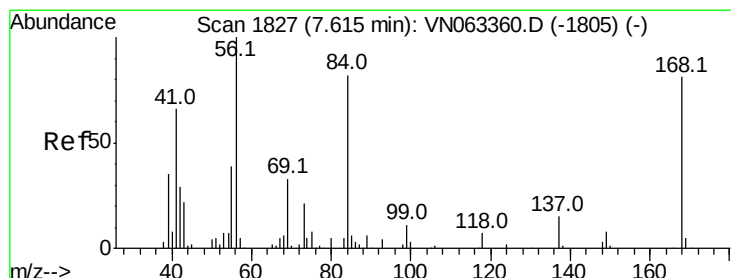
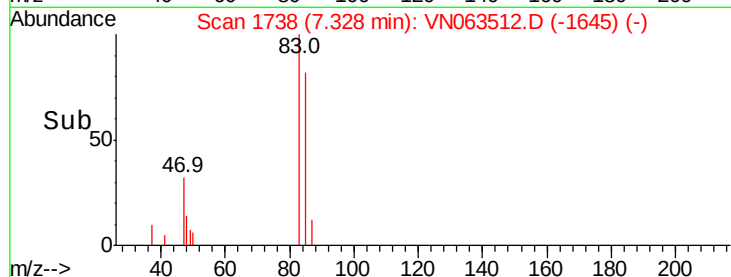
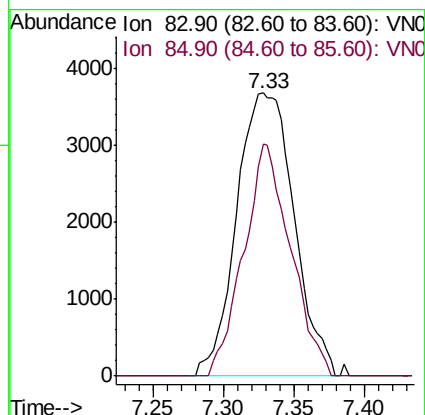
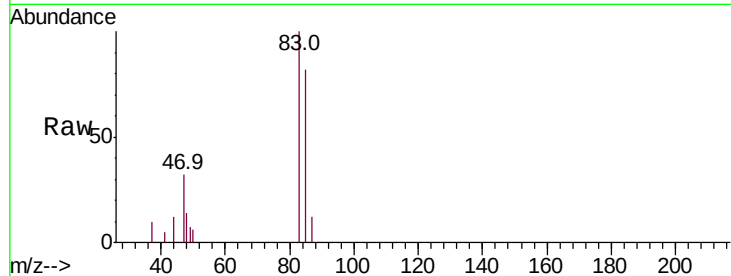
RE105D2-20200915

Tot Ion: 83 Resp: 10475

Ion Ratio Lower Upper

83 100

85 82.0 52.1 78.1#



#31

Cyclohexane

Concen: 1.187 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN063512.D

Acq: 22 Sep 2020 2:53

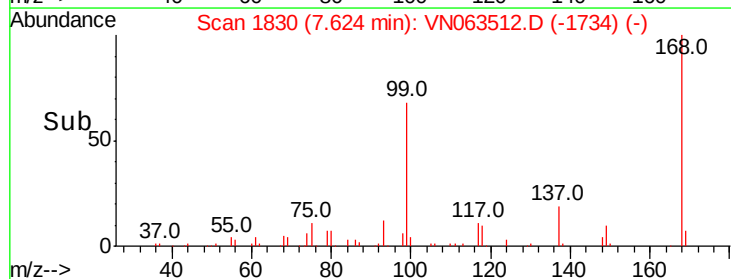
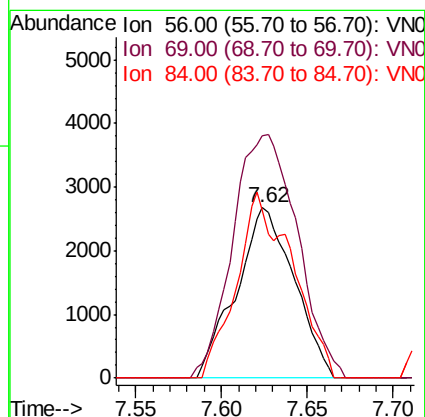
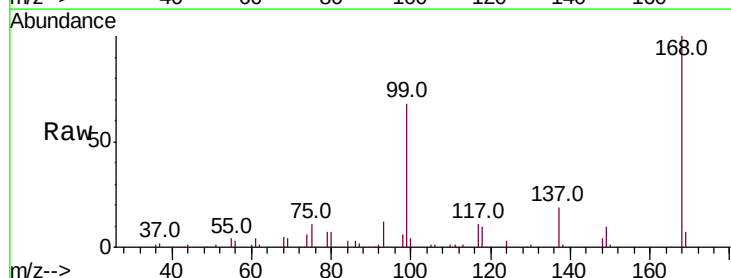
Tgt Ion: 56 Resp: 6266

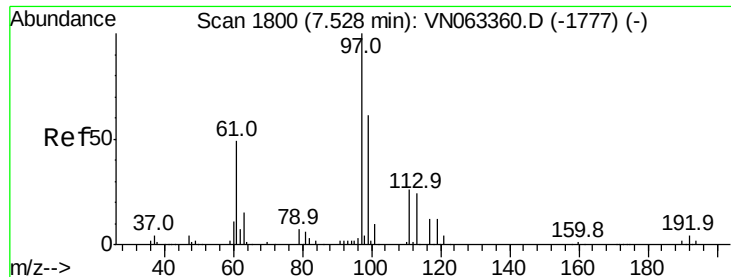
Ion Ratio Lower Upper

56 100

69 142.3 26.1 39.1#

84 98.3 65.4 98.2#





#32

1,1,1-Trichloroethane

Concen: 0.418 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN063512.D

Acq: 22 Sep 2020 2:53

Instrument :

MSVOA_N

ClientSampleId :

RE105D2-20200915

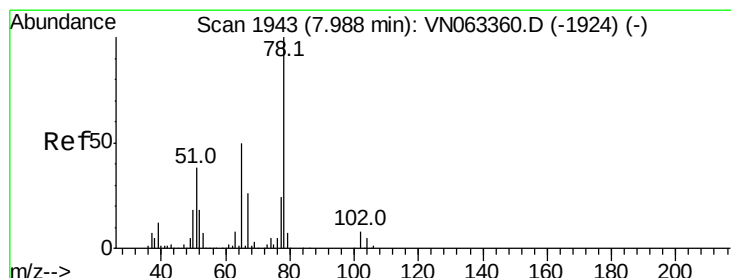
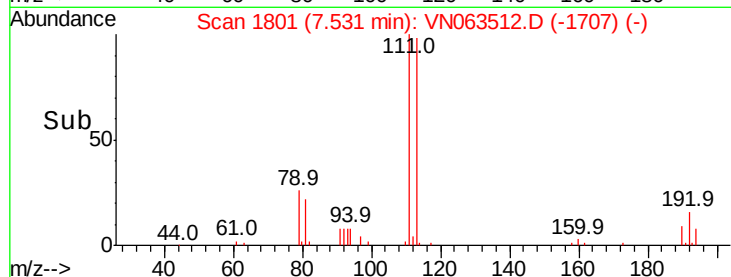
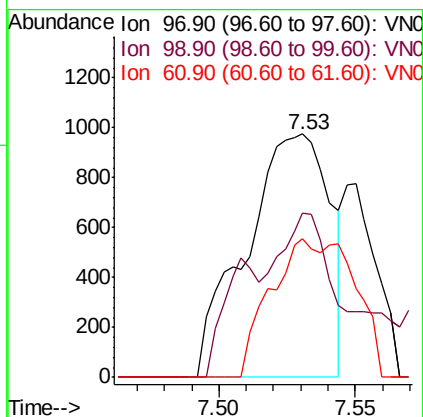
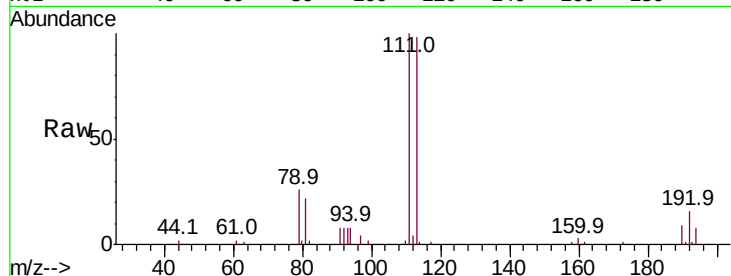
Tot Ion: 97 Resp: 2083

Ion Ratio Lower Upper

97 100

99 0.0 50.6 76.0#

61 34.1 39.2 58.8#



#33

1,2-Dichloroethane-d4

Concen: 47.946 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063512.D

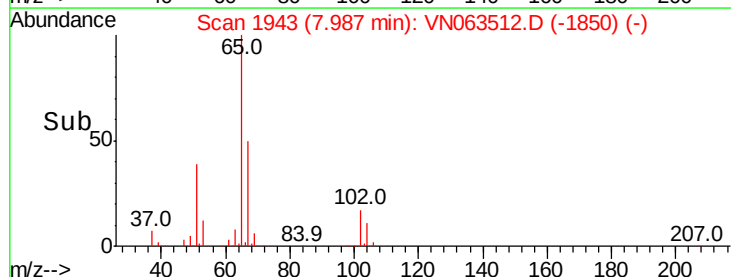
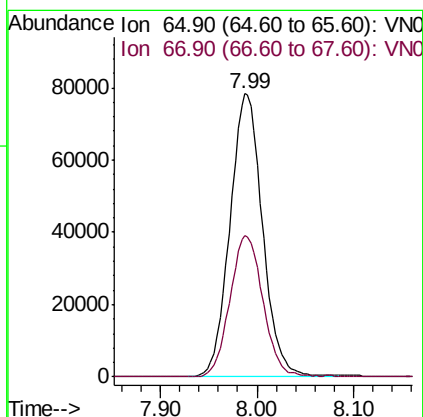
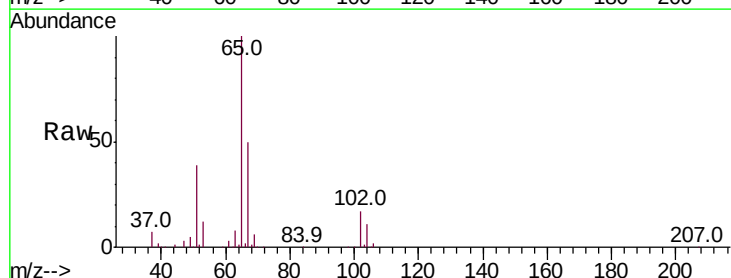
Acq: 22 Sep 2020 2:53

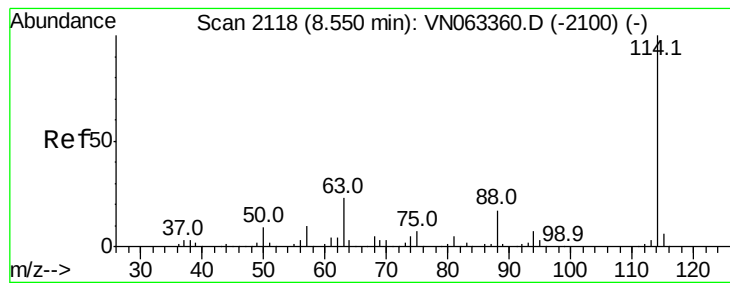
Tgt Ion: 65 Resp: 183195

Ion Ratio Lower Upper

65 100

67 50.5 0.0 104.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063512.D

Acq: 22 Sep 2020 2:53

Instrument :

MSVOA_N

ClientSampleId :

RE105D2-20200915

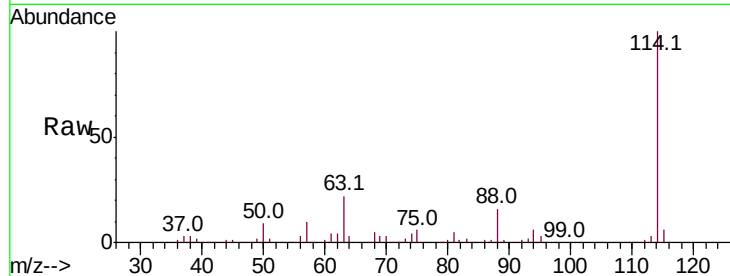
Tot Ion:114 Resp: 420437

Ion Ratio Lower Upper

114 100

63 22.1 0.0 46.4

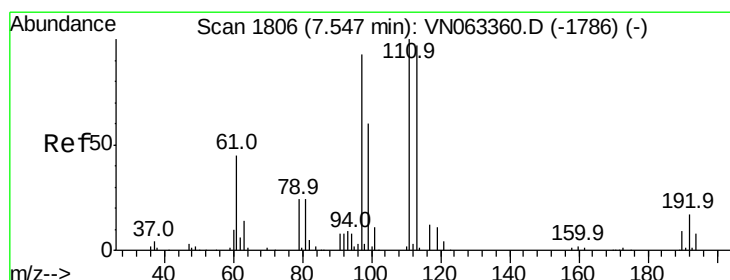
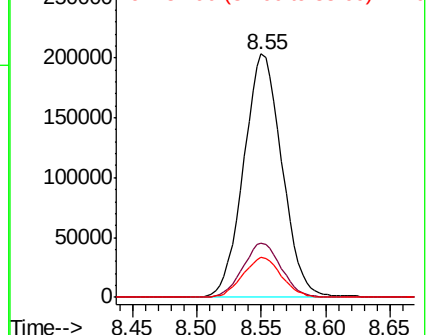
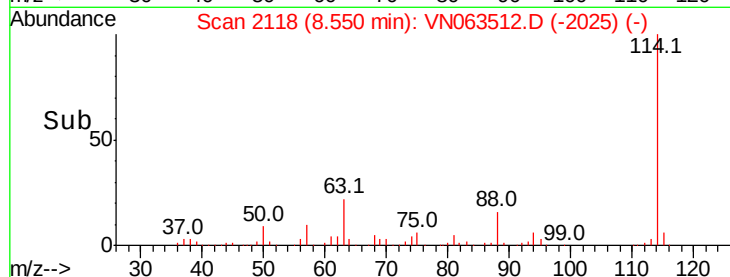
88 16.3 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 46.702 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063512.D

Acq: 22 Sep 2020 2:53

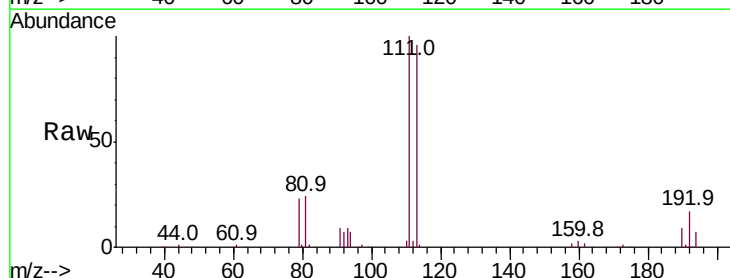
Tgt Ion:113 Resp: 135932

Ion Ratio Lower Upper

113 100

111 102.6 82.9 124.3

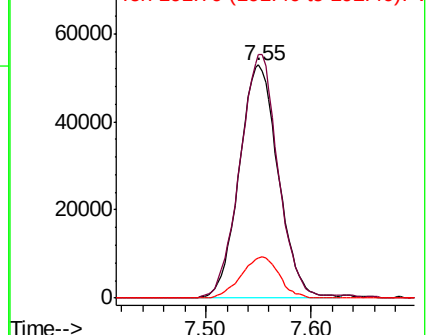
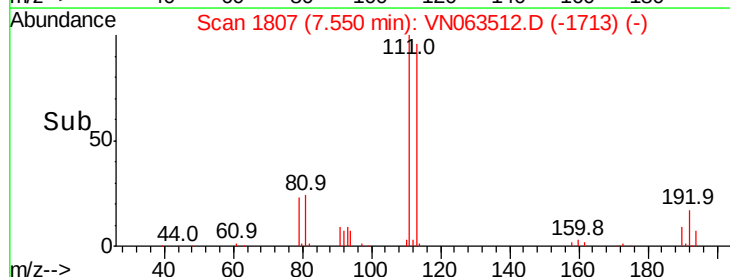
192 17.2 13.9 20.9

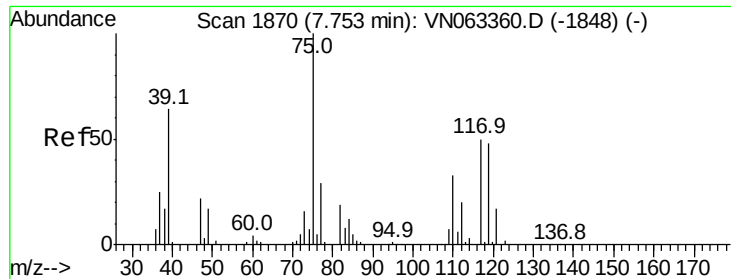


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.794 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.13 min

Lab File: VN063512.D

Acq: 22 Sep 2020 2:53

Instrument :

MSVOA_N

ClientSampleId :

RE105D2-20200915

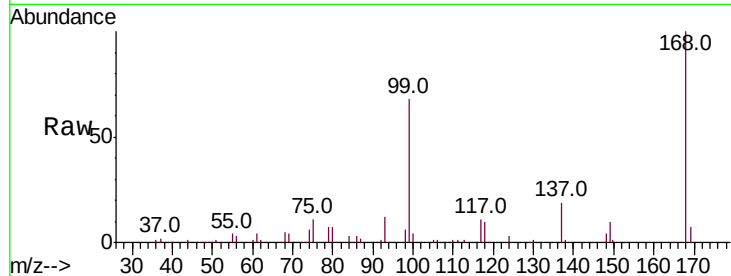
Tot Ion: 75 Resp: 21471

Ion Ratio Lower Upper

75 100

110 5.3 16.5 49.5#

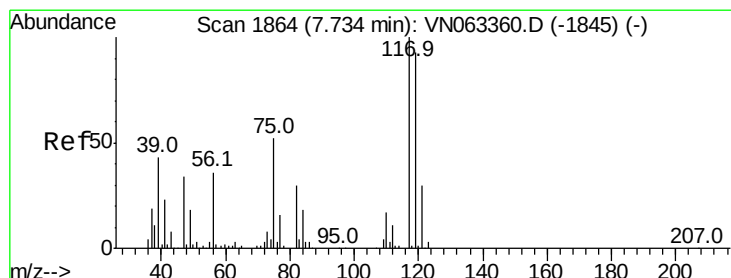
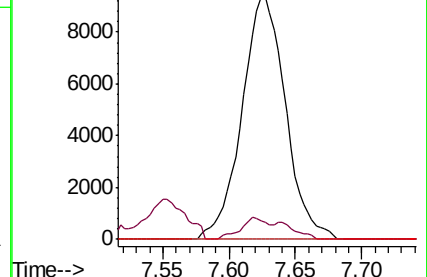
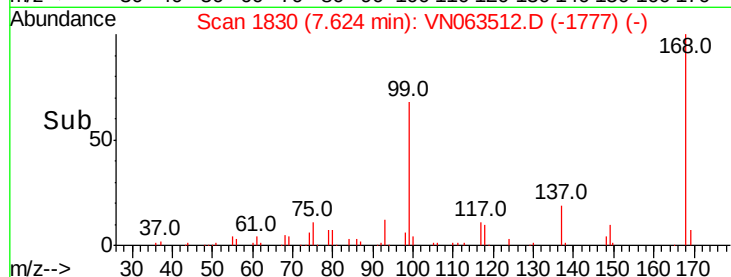
77 0.0 24.6 36.8#



Abundance Ion 74.90 (74.60 to 75.60): VN063360.D (-1848) (-)

Ion 109.90 (109.60 to 110.60): VN063360.D (-1848) (-)

Ion 76.90 (76.60 to 77.60): VN063360.D (-1848) (-)



#38

Carbon Tetrachloride

Concen: 2.933 ug/l

RT: 7.73 min Scan# 1863

Delta R.T. -0.00 min

Lab File: VN063512.D

Acq: 22 Sep 2020 2:53

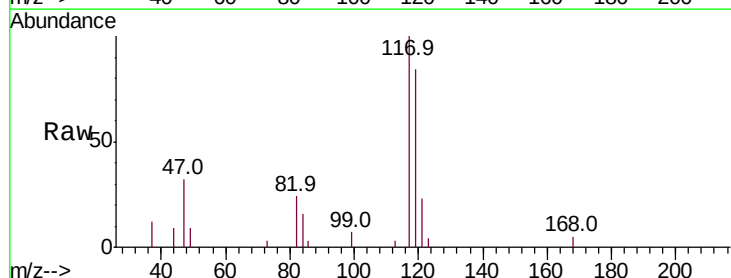
Tgt Ion: 117 Resp: 13409

Ion Ratio Lower Upper

117 100

119 84.4 74.5 111.7

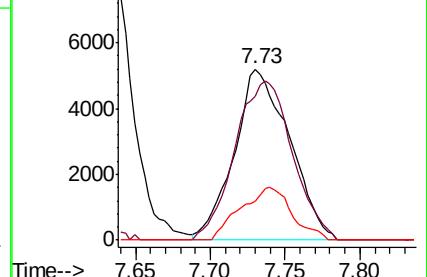
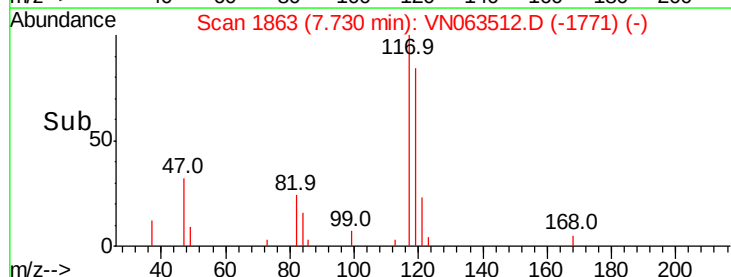
121 22.8 24.1 36.1#

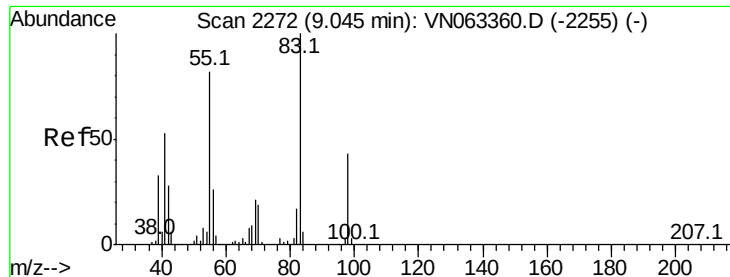


Abundance Ion 116.80 (116.50 to 117.50): VN063360.D (-1845) (-)

Ion 118.80 (118.50 to 119.50): VN063360.D (-1845) (-)

Ion 120.80 (120.50 to 121.50): VN063360.D (-1845) (-)





#39

Methylcyclohexane

Concen: 20.295 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. -0.24 min

Lab File: VN063512.D

Acq: 22 Sep 2020 2:53

Instrument :

MSVOA_N

ClientSampleId :

RE105D2-20200915

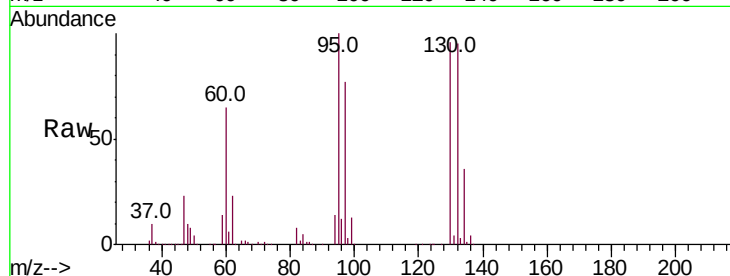
Tot Ion: 83 Resp: 98661

Ion Ratio Lower Upper

83 100

55 0.5 65.5 98.3#

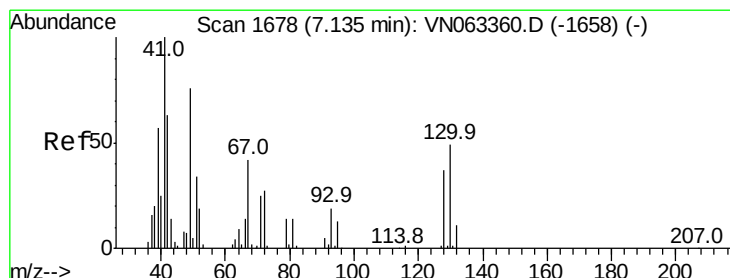
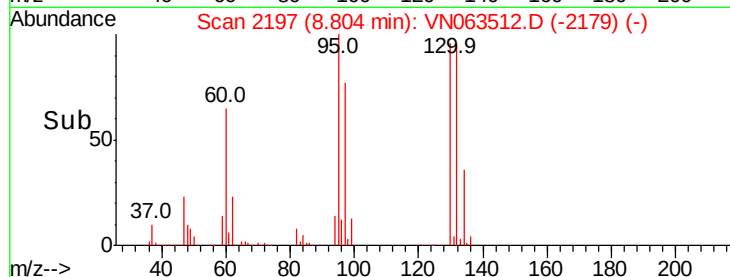
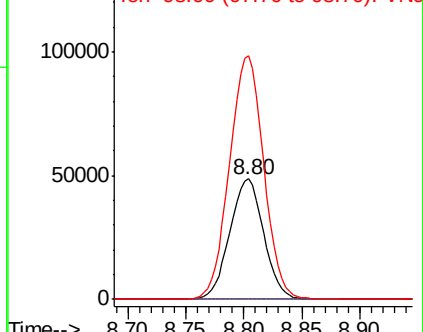
98 202.2 34.2 51.4#



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: 0.235 ug/l

RT: 7.17 min Scan# 1689

Delta R.T. 0.04 min

Lab File: VN063512.D

Acq: 22 Sep 2020 2:53

Tgt Ion: 41 Resp: 465

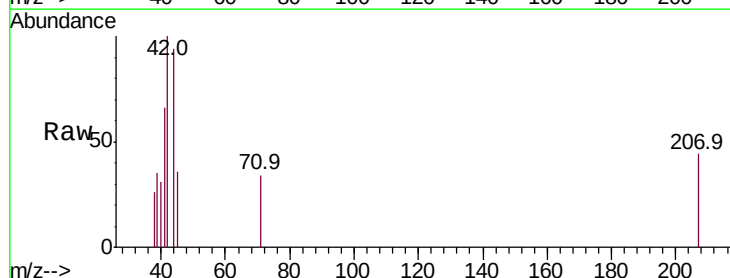
Ion Ratio Lower Upper

41 100

39 61.5 0.0 0.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

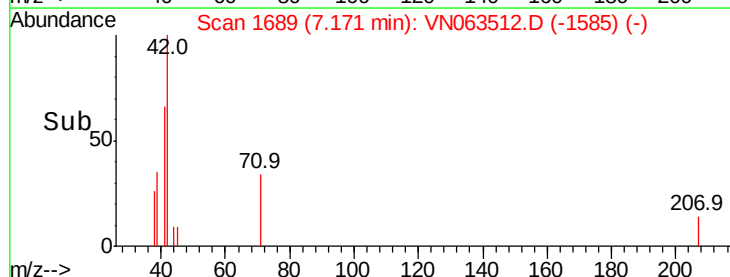
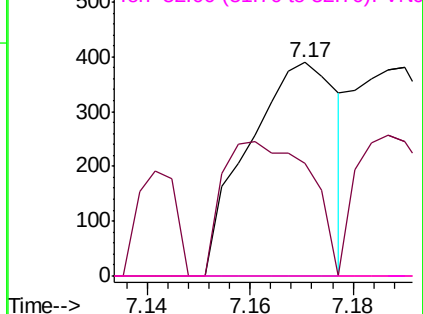


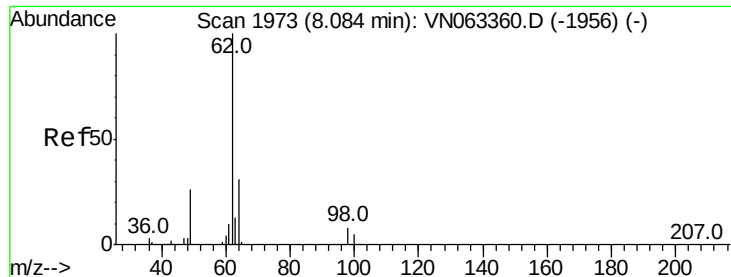
Abundance Ion 41.00 (40.70 to 41.70): VN0

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: 0.388 ug/l

RT: 8.09 min Scan# 1975

Delta R.T. 0.01 min

Lab File: VN063512.D

Acq: 22 Sep 2020 2:53

Instrument :

MSVOA_N

ClientSampleId :

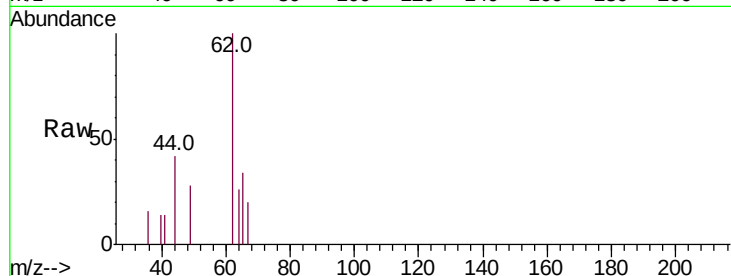
RE105D2-20200915

Tot Ion: 62 Resp: 1994

Ion Ratio Lower Upper

62 100

98 5.1 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) (-)

8.09

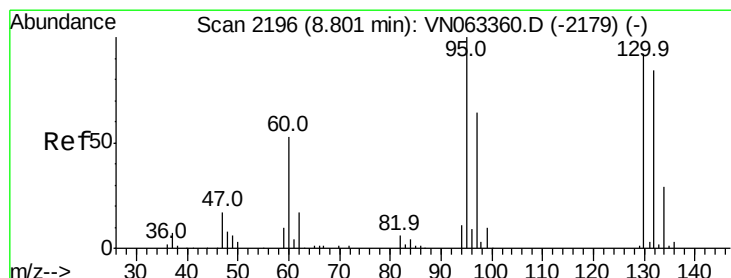
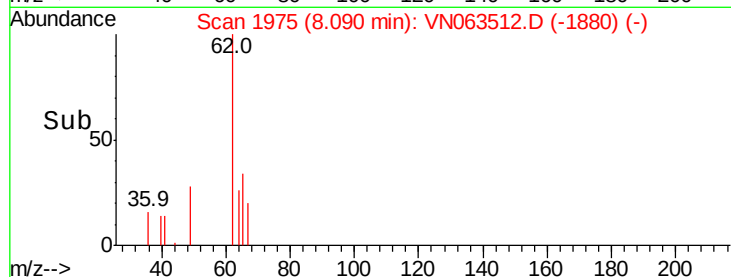
1000

500

0

8.05 8.10

Time-->



#44

Trichloroethene

Concen: 2057.210 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN063512.D

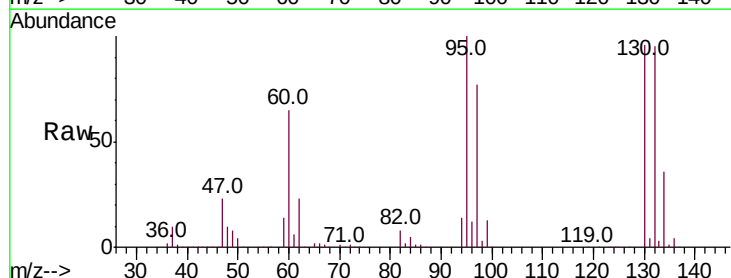
Acq: 22 Sep 2020 2:53

Tgt Ion:130 Resp: 6379977

Ion Ratio Lower Upper

130 100

95 104.0 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) (-)

8.80

3000000

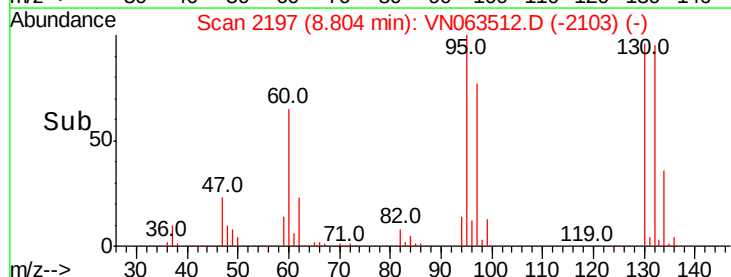
2000000

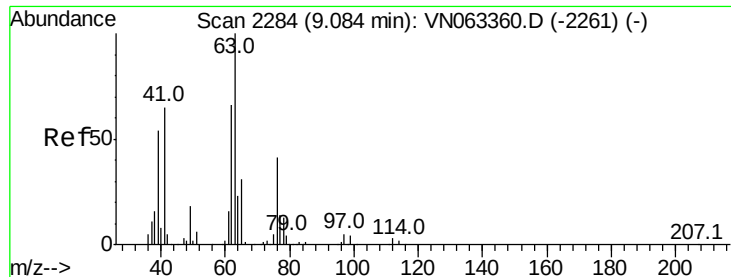
1000000

0

8.70 8.80 8.90 9.00

Time-->





#45

1,2-Dichloropropane

Concen: 5.983 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. -0.28 min

Lab File: VN063512.D

Acq: 22 Sep 2020 2:53

Instrument :

MSVOA_N

ClientSampleId :

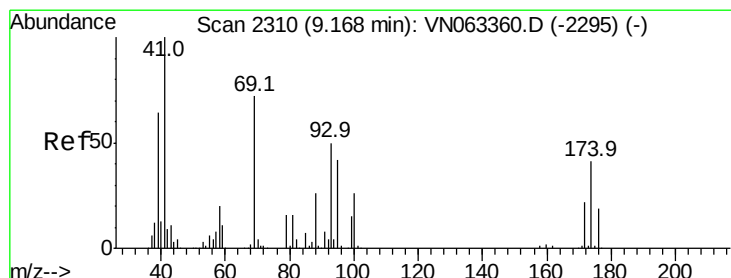
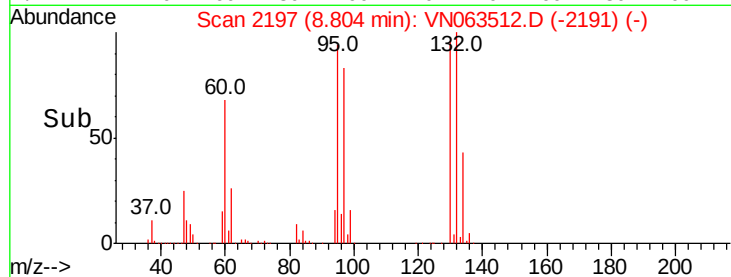
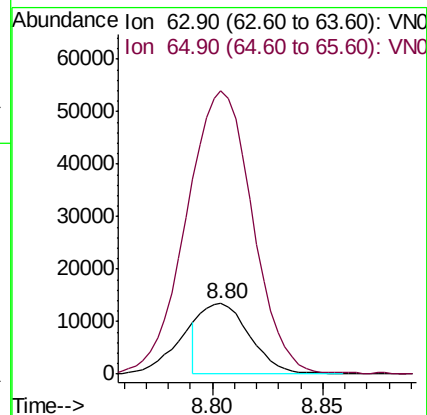
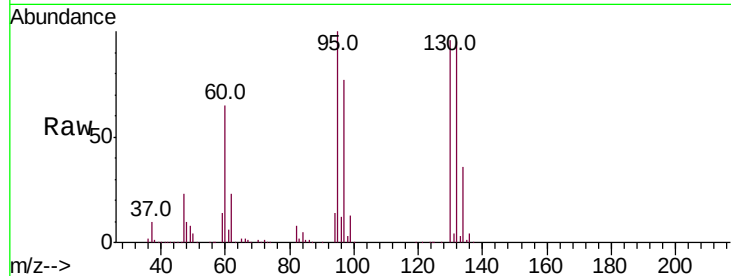
RE105D2-20200915

Tot Ion: 63 Resp: 20837

Ion Ratio Lower Upper

63 100

65 399.4 25.0 37.6#



#49

1,4-Dioxane

Concen: 23.889 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.01 min

Lab File: VN063512.D

Acq: 22 Sep 2020 2:53

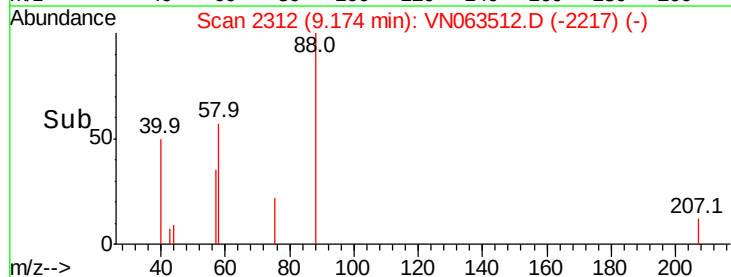
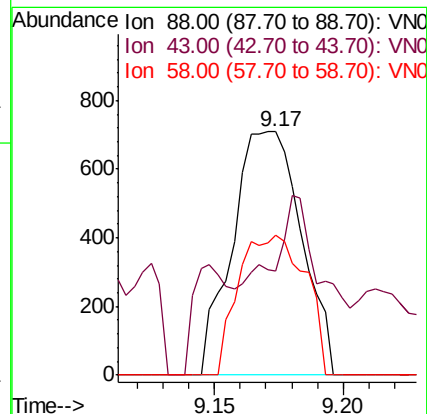
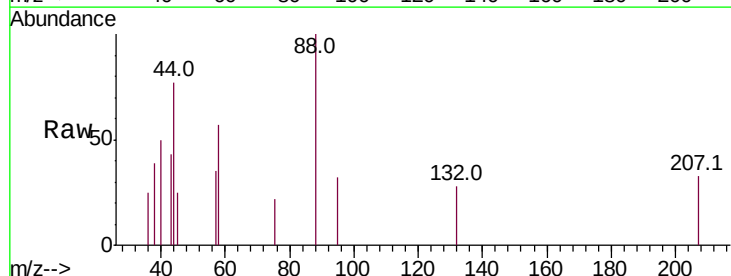
Tgt Ion: 88 Resp: 1324

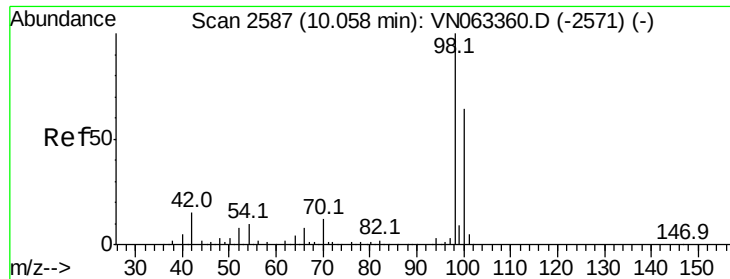
Ion Ratio Lower Upper

88 100

43 18.9 32.6 49.0#

58 55.4 60.0 90.0#





#50

Toluene-d8

Concen: 49.538 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063512.D

Acq: 22 Sep 2020 2:53

Instrument :

MSVOA_N

ClientSampleId :

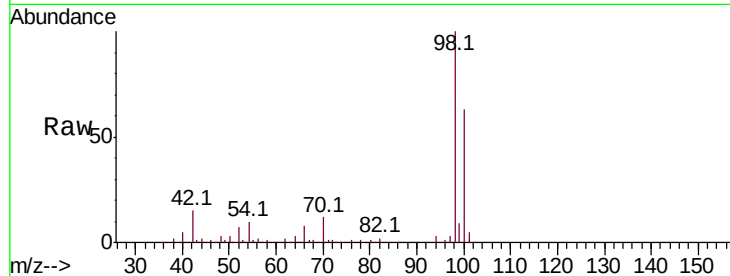
RE105D2-20200915

Tot Ion: 98 Resp: 542161

Ion Ratio Lower Upper

98 100

100 63.4 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN063360.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN063360.D (-2571) (-)

10.06

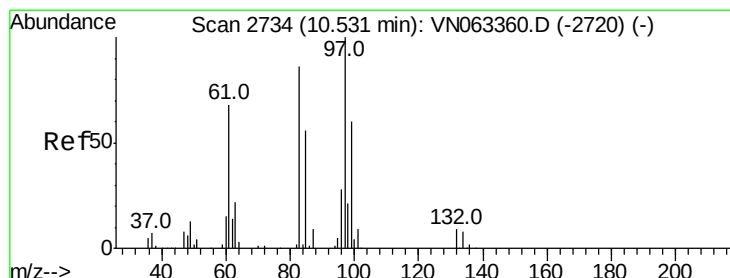
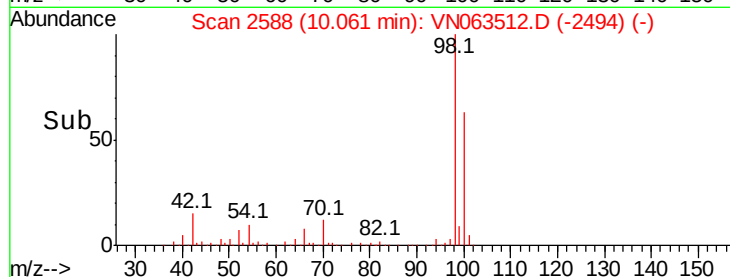
300000

200000

100000

0

Time-->



#55

1,1,2-Trichloroethane

Concen: 1.452 ug/l

RT: 10.53 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN063512.D

Acq: 22 Sep 2020 2:53

Tgt Ion: 97 Resp: 4433

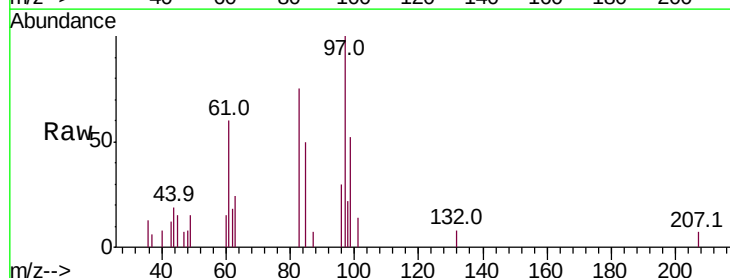
Ion Ratio Lower Upper

97 100

83 75.0 68.9 103.3

85 49.9 44.8 67.2

99 52.0 47.8 71.8



Abundance Ion 96.90 (96.60 to 97.60): VN063360.D (-2720) (-)

Ion 82.90 (82.60 to 83.60): VN063360.D (-2720) (-)

Ion 84.90 (84.60 to 85.60): VN063360.D (-2720) (-)

Ion 98.90 (98.60 to 99.60): VN063360.D (-2720) (-)

10.53

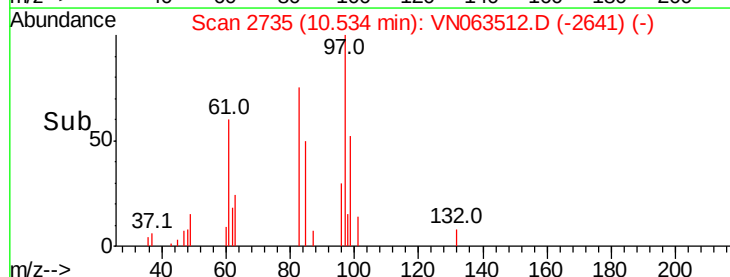
3000

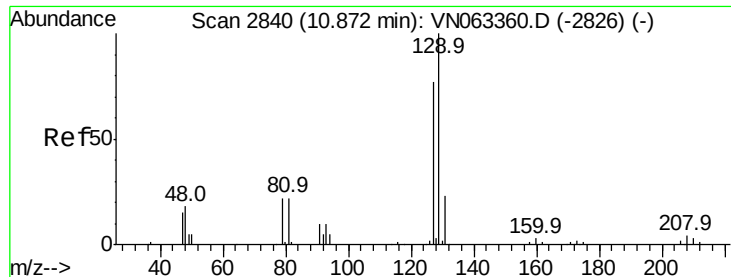
2000

1000

0

Time-->





#60

Dibromochloromethane

Concen: 3.086 ug/l

RT: 10.60 min Scan# 2757

Delta R.T. -0.27 min

Lab File: VN063512.D

Acq: 22 Sep 2020 2:53

Instrument :

MSVOA_N

ClientSampleId :

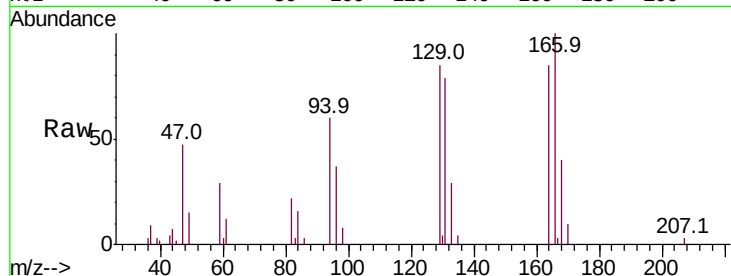
RE105D2-20200915

Tot Ion:129 Resp: 10645

Ion Ratio Lower Upper

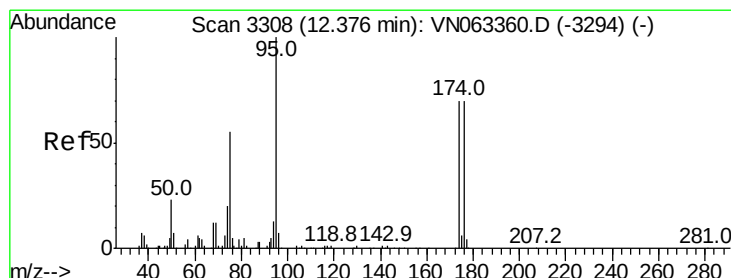
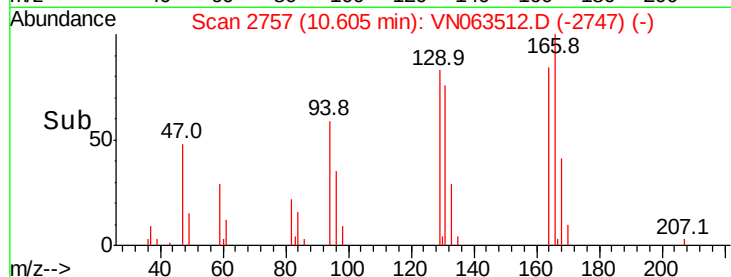
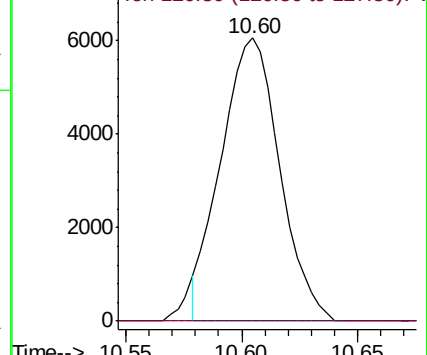
129 100

127 0.0 39.1 117.3#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 53.612 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063512.D

Acq: 22 Sep 2020 2:53

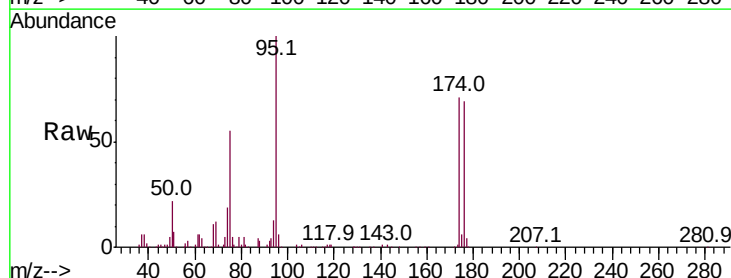
Tgt Ion: 95 Resp: 215092

Ion Ratio Lower Upper

95 100

174 72.0 0.0 140.8

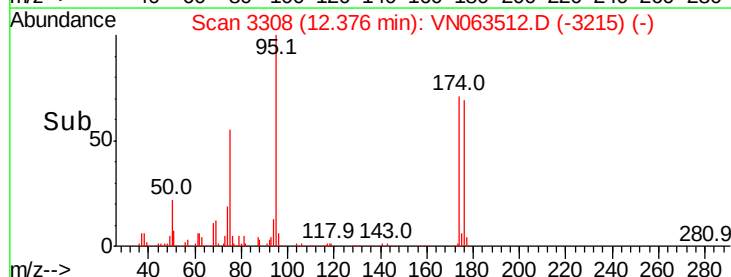
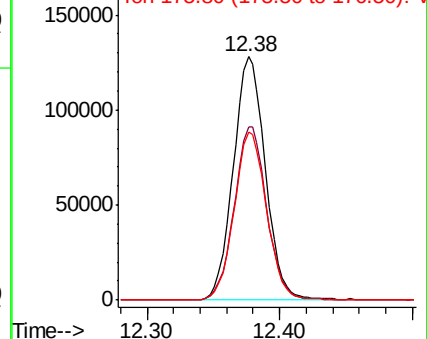
176 69.6 0.0 137.6

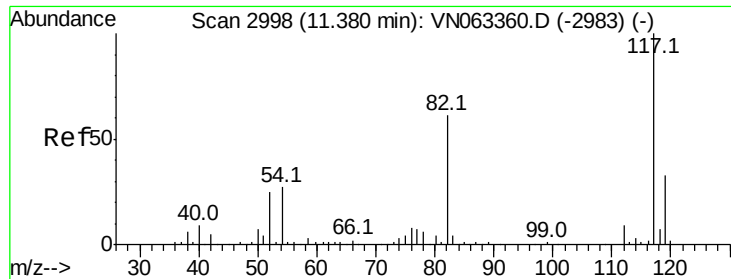


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

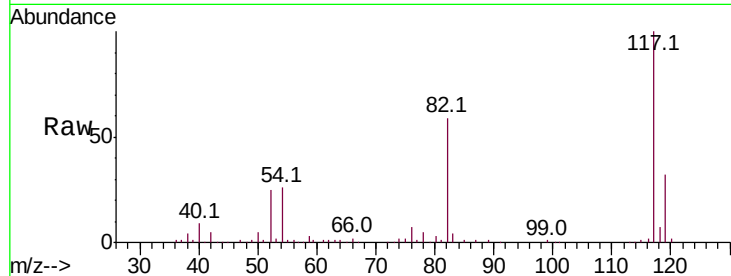




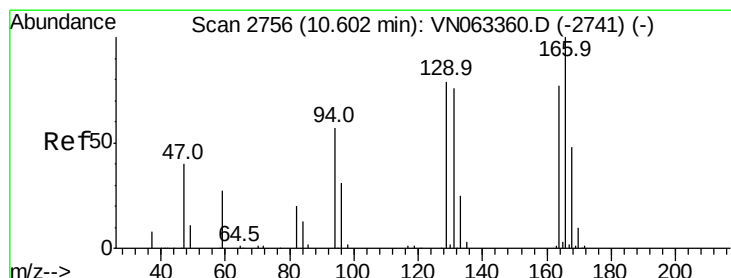
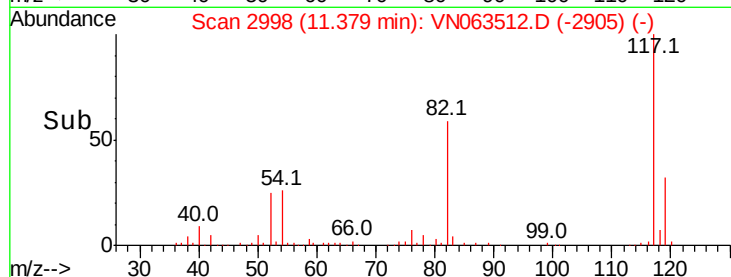
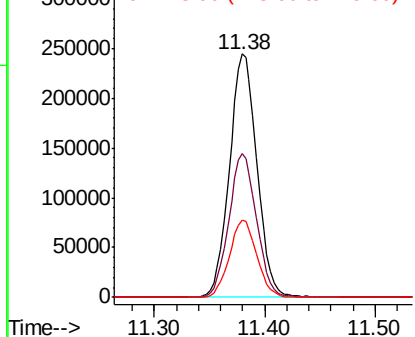
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063512.D
Acq: 22 Sep 2020 2:53

Instrument :
MSVOA_N
ClientSampleId :
RE105D2-20200915

Tot Ion:117 Resp: 422990
Ion Ratio Lower Upper
117 100
82 59.2 49.2 73.8
119 31.8 26.2 39.4

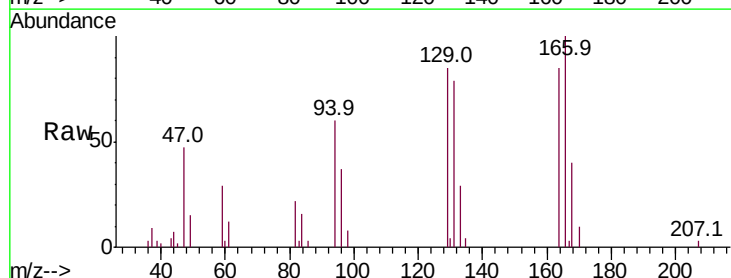


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

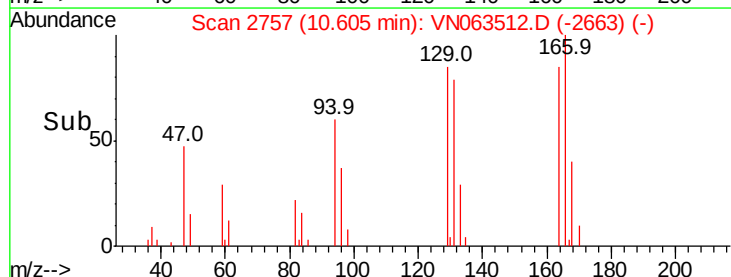
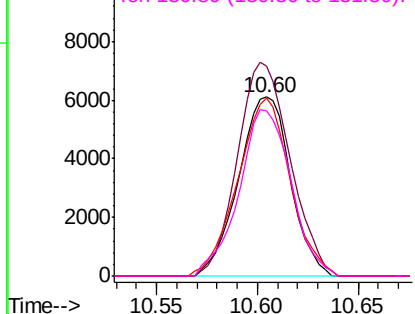


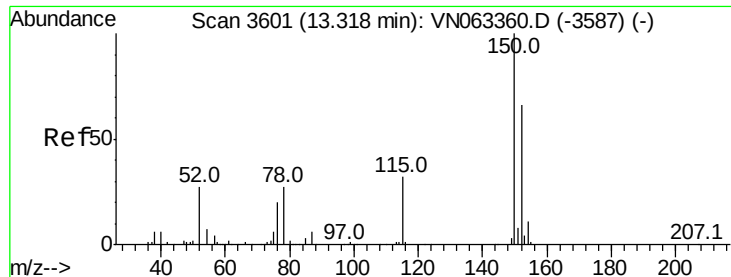
#64
Tetrachloroethene
Concen: 3.808 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063512.D
Acq: 22 Sep 2020 2:53

Tgt Ion:164 Resp: 10967
Ion Ratio Lower Upper
164 100
166 117.4 103.4 155.0
129 99.2 81.8 122.6
131 92.5 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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063512.D

Acq: 22 Sep 2020 2:53

Instrument :

MSVOA_N

ClientSampleId :

RE105D2-20200915

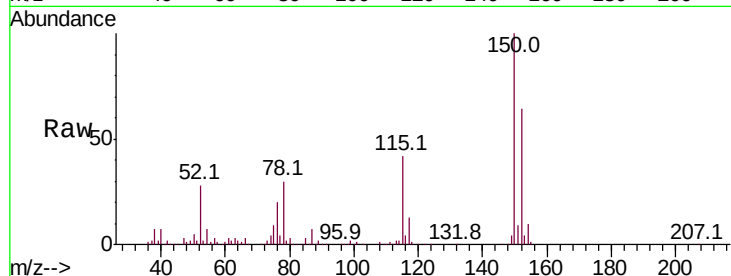
Tot Ion:152 Resp: 182524

Ion Ratio Lower Upper

152 100

115 64.1 32.2 96.6

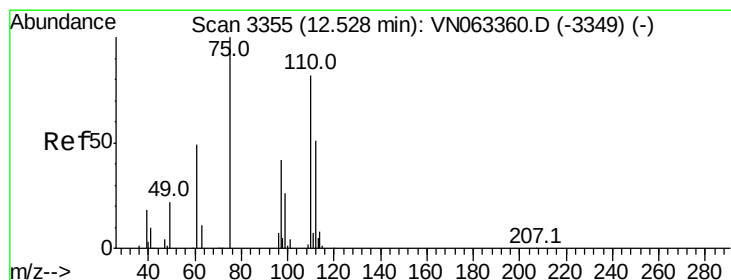
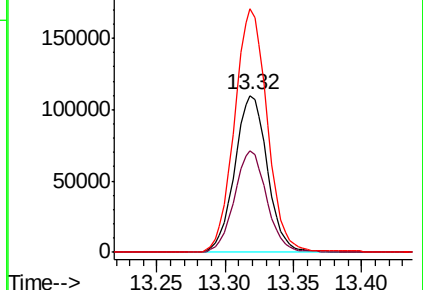
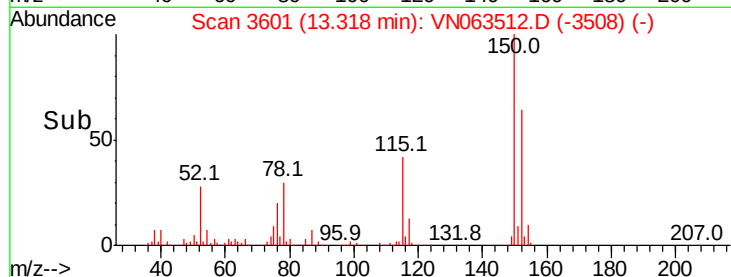
150 155.8 0.0 343.4



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: 26.664 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063512.D

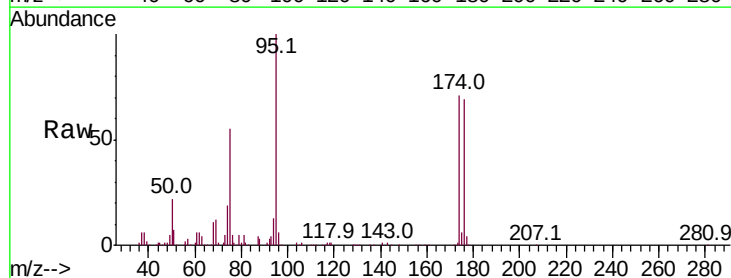
Acq: 22 Sep 2020 2:53

Tgt Ion: 75 Resp: 120460

Ion Ratio Lower Upper

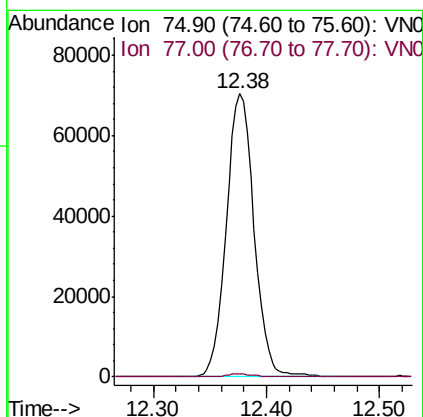
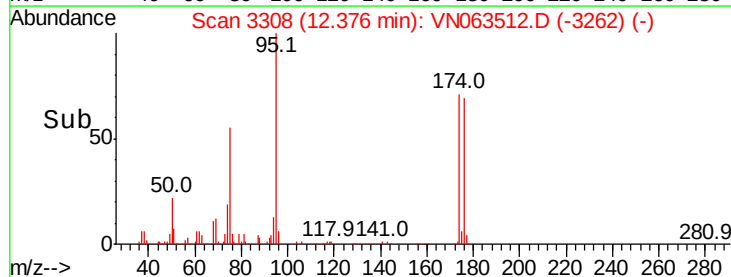
75 100

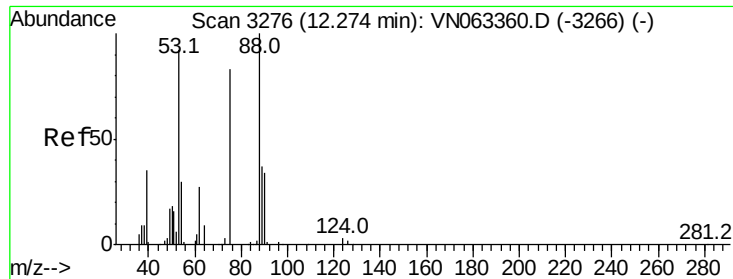
77 1.0 0.0 0.0#



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: 73.102 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063512.D

Acq: 22 Sep 2020 2:53

Instrument :

MSVOA_N

ClientSampleId :

RE105D2-20200915

Tot Ion: 75 Resp: 120460

Ion Ratio Lower Upper

75 100

53 0.0 85.7 128.5#

89 0.0 38.0 57.0#

