

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061120\
 Data File : VN061759.D
 Acq On : 11 Jun 2020 19:57
 Operator : JC/MD
 Sample : L2988-15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE134D3-20200608

Quant Time: Jun 12 05:49:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	273804	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	462926	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	465426	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	205342	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	155240	47.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.18%	
35) Dibromofluoromethane	7.55	113	126780	53.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.98%	
50) Toluene-d8	10.06	98	567825	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
62) 4-Bromofluorobenzene	12.38	95	194783	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	

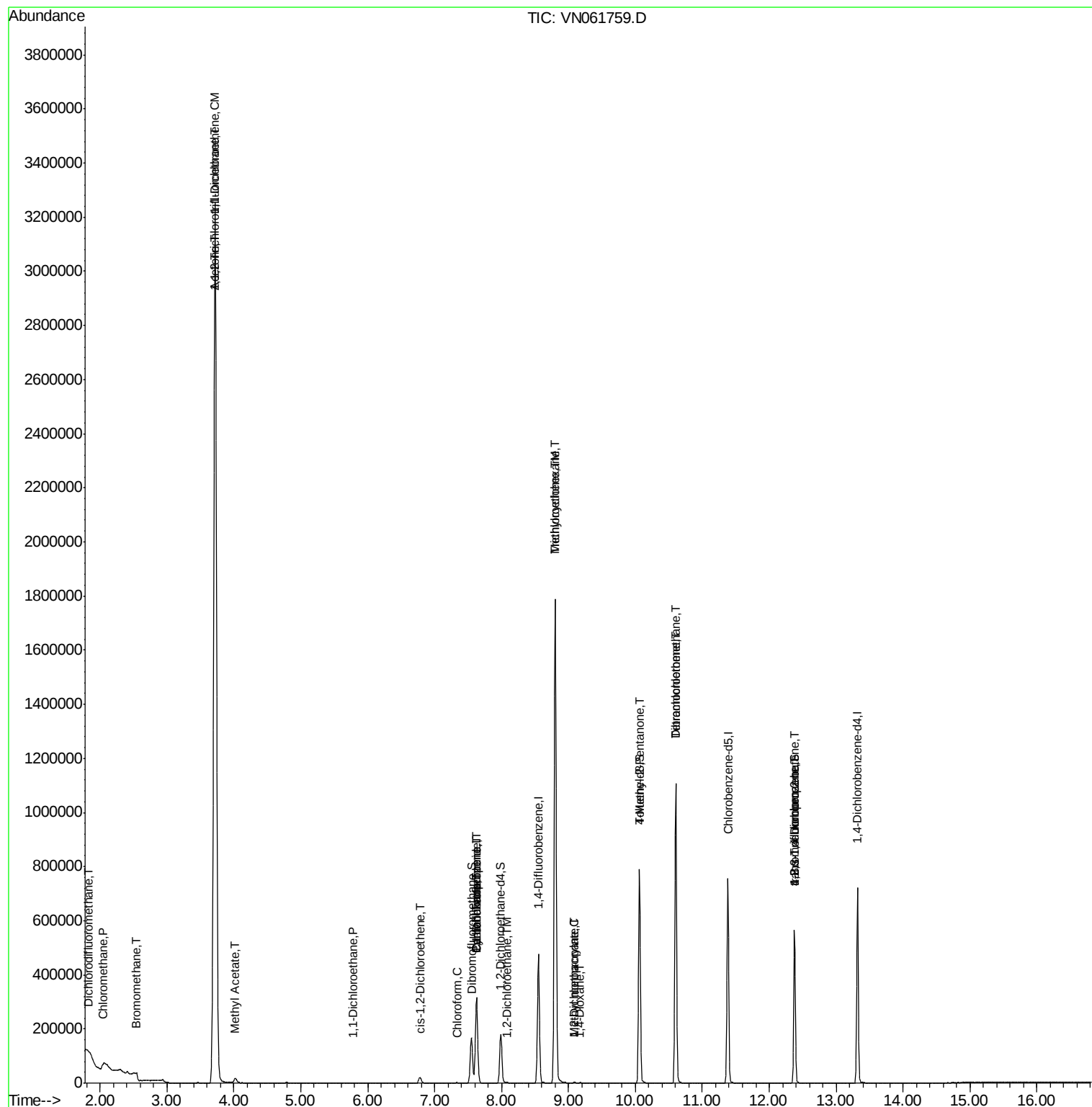
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.83	85	772	1.387	ug/l	82
3) Chloromethane	2.03	50	890	0.267	ug/l #	84
5) Bromomethane	2.55	94	603	0.230	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.72	101	2041957	779.742	ug/l	97
12) 1,1-Dichloroethene	3.70	96	14130	5.050	ug/l #	75
16) Acetone	3.72	43	19968	16.416	ug/l #	67
18) Methyl Acetate	4.02	43	6399	2.167	ug/l #	46
20) Methylene Chloride	4.50	84	64	Below Cal	#	11
24) 1,1-Dichloroethane	5.80	63	1224	0.239	ug/l #	81
27) cis-1,2-Dichloroethene	6.78	96	13295	3.721	ug/l	93
30) Chloroform	7.33	83	1922	0.340	ug/l	94
31) Cyclohexane	7.62	56	4620	1.005	ug/l #	13
36) 1,1-Dichloropropene	7.63	75	18697	4.562	ug/l #	48
38) Carbon Tetrachloride	7.63	117	25641	6.487	ug/l #	17
39) Methylcyclohexane	8.80	83	7994	1.583	ug/l #	1
42) 1,2-Dichloroethane	8.09	62	1170	0.276	ug/l #	72
44) Trichloroethene	8.80	130	699941	180.120	ug/l	95
45) 1,2-Dichloropropane	9.08	63	2025	0.674	ug/l	93
48) Methyl methacrylate	9.09	41	1230	0.460	ug/l #	32
49) 1,4-Dioxane	9.17	88	1498	36.192	ug/l #	60
51) 4-Methyl-2-Pentanone	10.06	43	1951	0.583	ug/l #	1
60) Dibromochloromethane	10.60	129	231669	61.977	ug/l #	11
64) Tetrachloroethene	10.61	164	265635	60.632	ug/l	98
76) 1,2,3-Trichloropropane	12.38	75	93997	25.174	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	93997	64.376	ug/l #	15

(#) = 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# 1820

Delta R.T. 0.00 min

Lab File: VN061759.D

Acq: 11 Jun 2020 19:57

Instrument :

MSVOA_N

ClientSampleId :

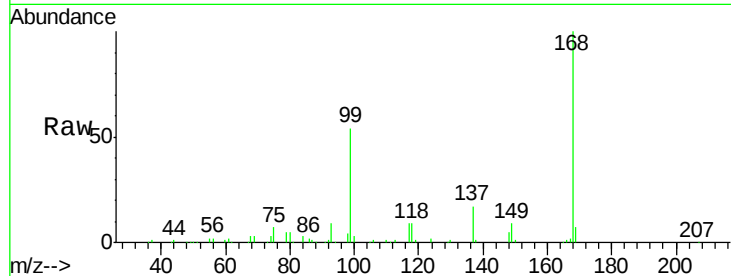
RE134D3-20200608

Tot Ion:168 Resp: 273804

Ion Ratio Lower Upper

168 100

99 53.6 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

120000

100000

80000

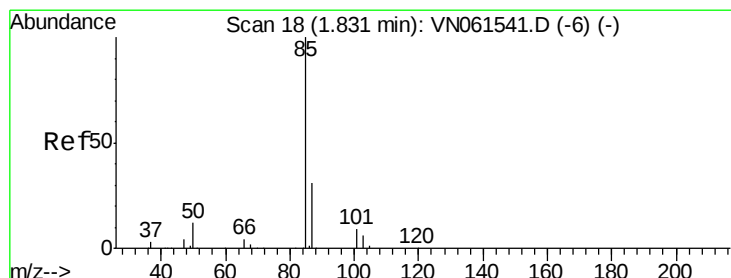
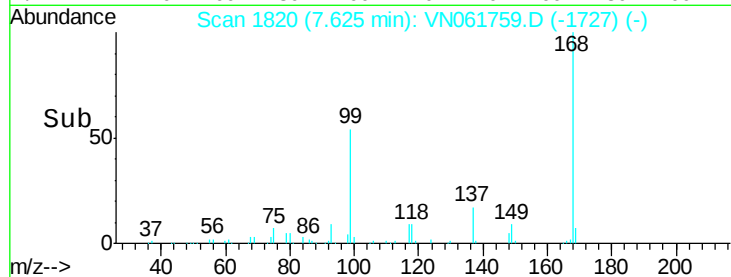
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 1.387 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061759.D

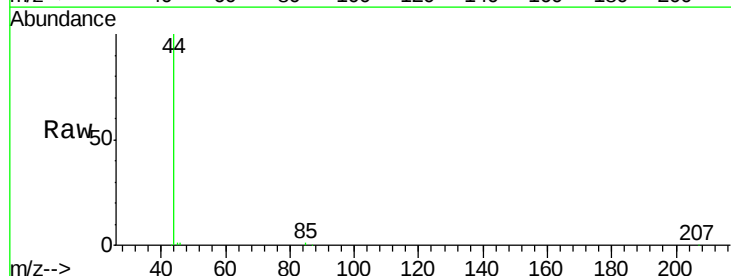
Acq: 11 Jun 2020 19:57

Tgt Ion: 85 Resp: 772

Ion Ratio Lower Upper

85 100

87 41.3 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

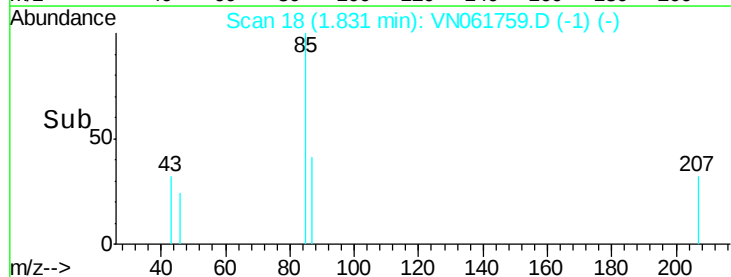
600

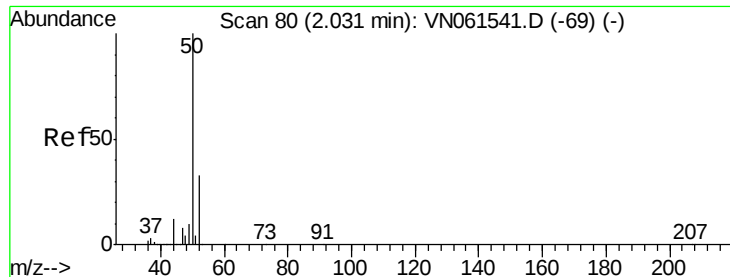
400

200

0

Time--> 1.80 1.82 1.84 1.86





#3

Chloromethane

Concen: 0.267 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061759.D

Acq: 11 Jun 2020 19:57

Instrument :

MSVOA_N

ClientSampleId :

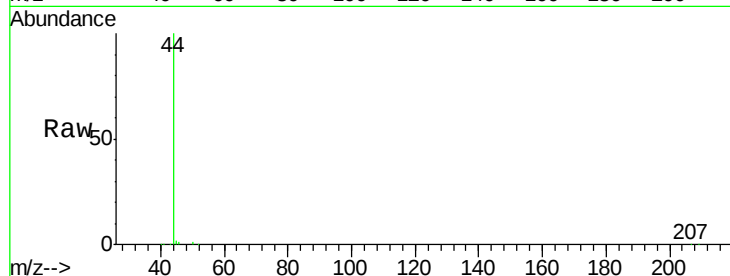
RE134D3-20200608

Tot Ion: 50 Resp: 890

Ion Ratio Lower Upper

50 100

52 24.4 26.7 40.1#



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.03

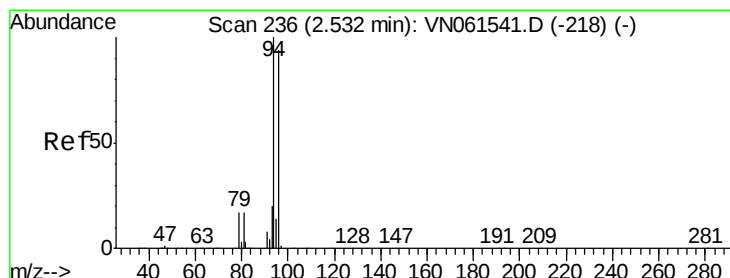
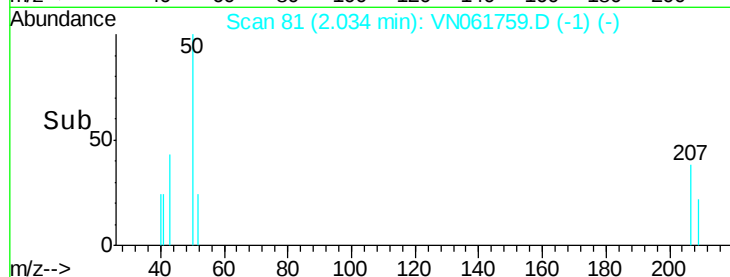
600

400

200

0

Time--> 2.00 2.02 2.04 2.06 2.08



#5

Bromomethane

Concen: 0.230 ug/l

RT: 2.55 min Scan# 242

Delta R.T. 0.02 min

Lab File: VN061759.D

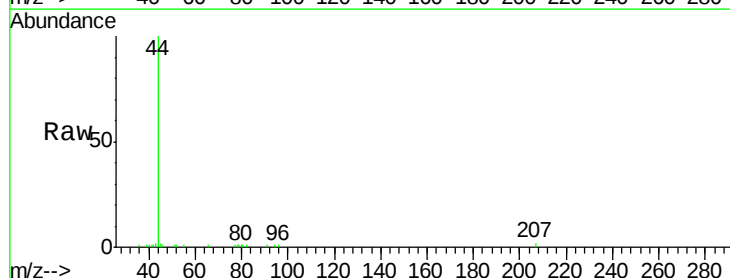
Acq: 11 Jun 2020 19:57

Tgt Ion: 94 Resp: 603

Ion Ratio Lower Upper

94 100

96 86.9 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

500

400

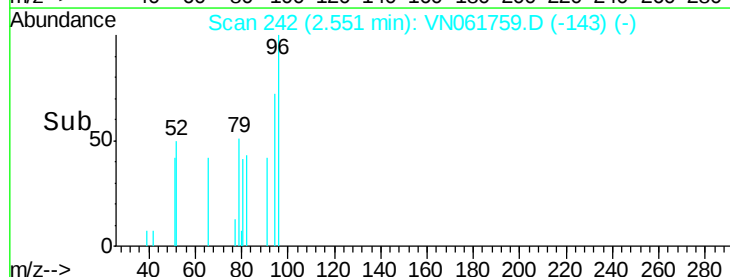
300

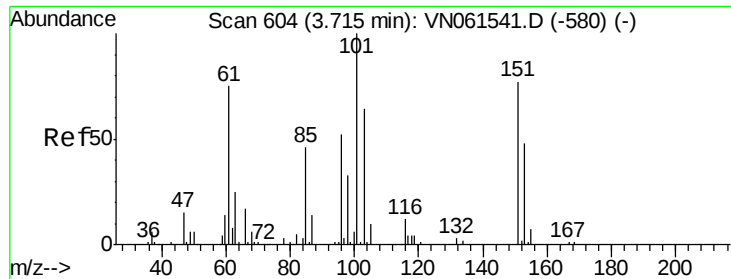
200

100

0

Time--> 2.50 2.55 2.60





#9

1,1,2-Trichlorotrifluoroethane

Concen: 779.742 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN061759.D

Acq: 11 Jun 2020 19:57

Instrument :

MSVOA_N

ClientSampleId :

RE134D3-20200608

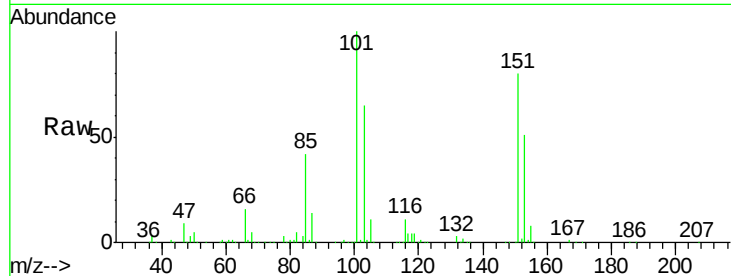
Tot Ion:101 Resp: 2041957

Ion Ratio Lower Upper

101 100

85 42.8 35.2 52.8

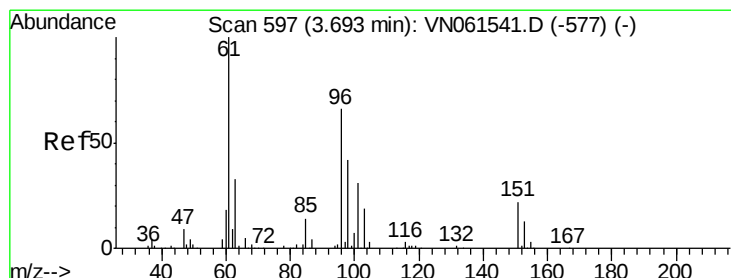
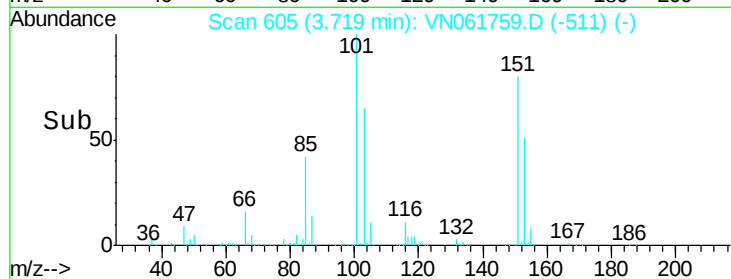
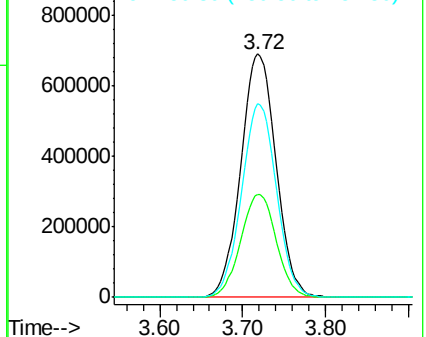
151 79.0 61.0 91.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#12

1,1-Dichloroethene

Concen: 5.050 ug/l

RT: 3.70 min Scan# 600

Delta R.T. 0.01 min

Lab File: VN061759.D

Acq: 11 Jun 2020 19:57

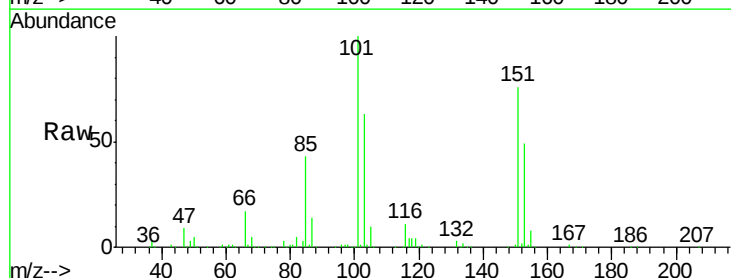
Tgt Ion: 96 Resp: 14130

Ion Ratio Lower Upper

96 100

61 112.3 120.5 180.7#

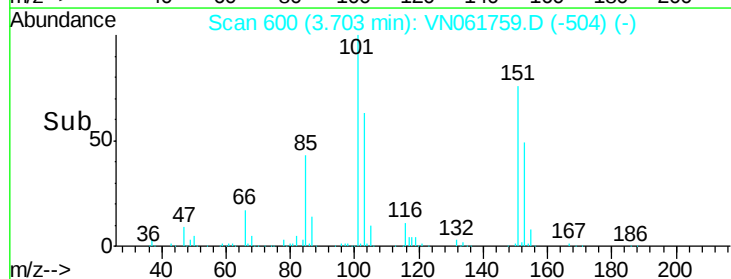
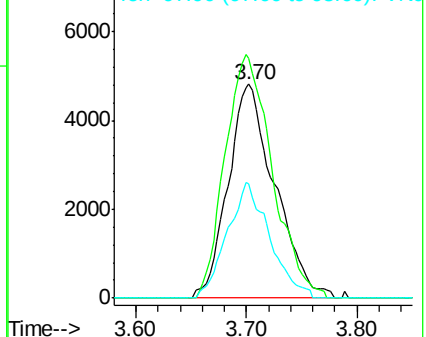
98 53.3 50.8 76.2

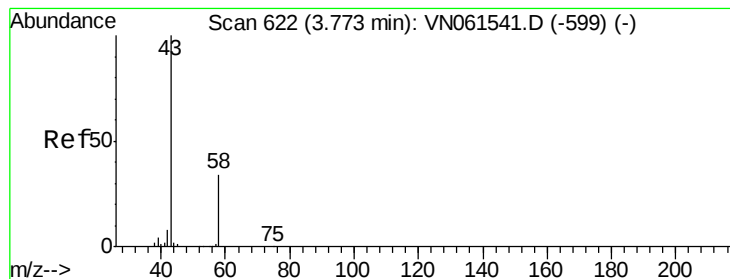


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#16

Acetone

Concen: 16.416 ug/l

RT: 3.72 min Scan# 605

Delta R.T. -0.05 min

Lab File: VN061759.D

Acq: 11 Jun 2020 19:57

Instrument :

MSVOA_N

ClientSampleId :

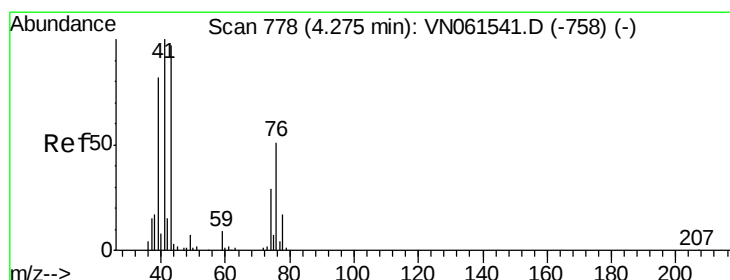
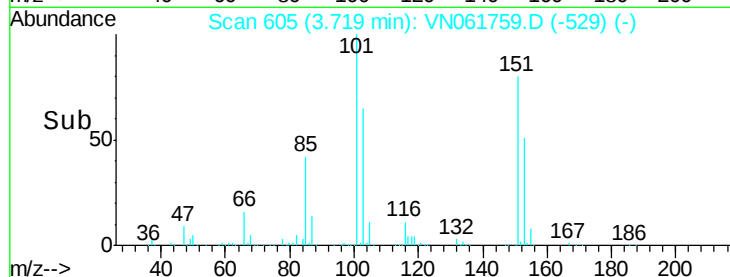
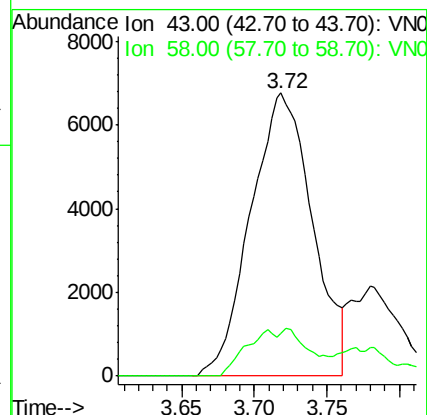
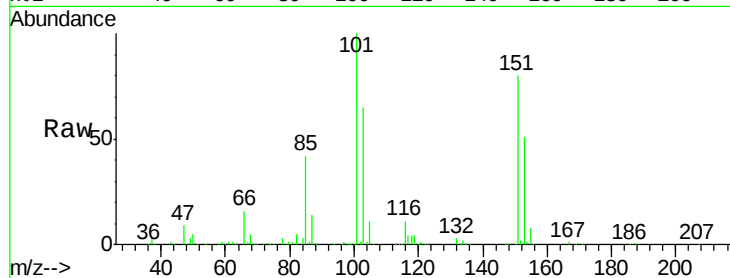
RE134D3-20200608

Tot Ion: 43 Resp: 19968

Ion Ratio Lower Upper

43 100

58 15.2 27.2 40.8#



#18

Methyl Acetate

Concen: 2.167 ug/l

RT: 4.02 min Scan# 700

Delta R.T. -0.25 min

Lab File: VN061759.D

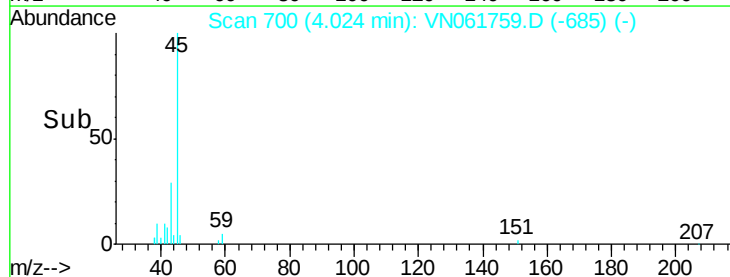
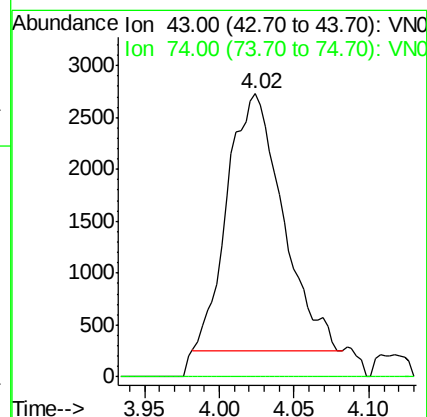
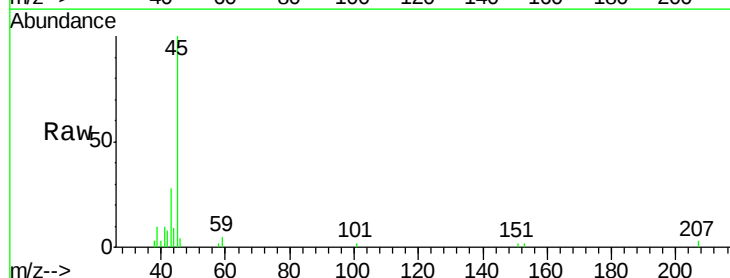
Acq: 11 Jun 2020 19:57

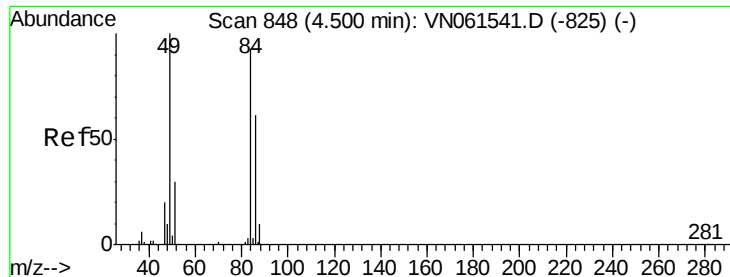
Tgt Ion: 43 Resp: 6399

Ion Ratio Lower Upper

43 100

74 0.0 23.2 34.8#

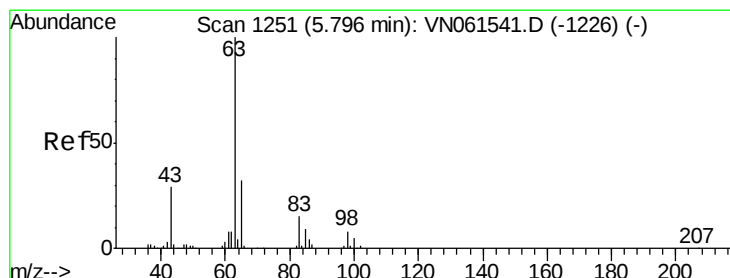
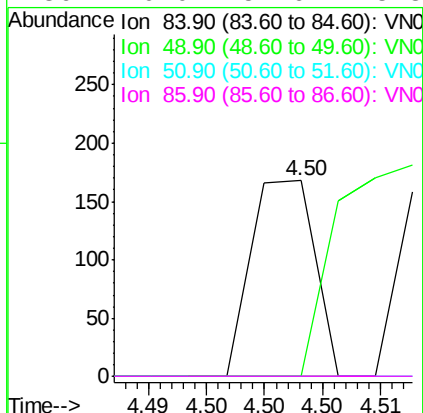
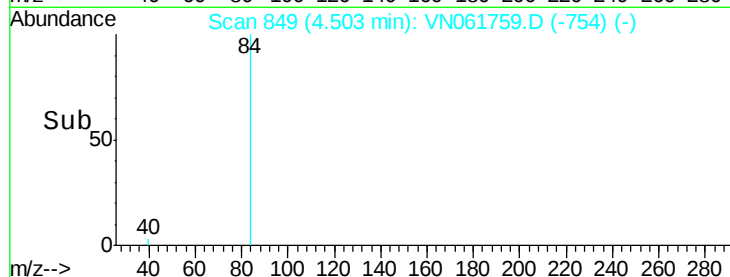
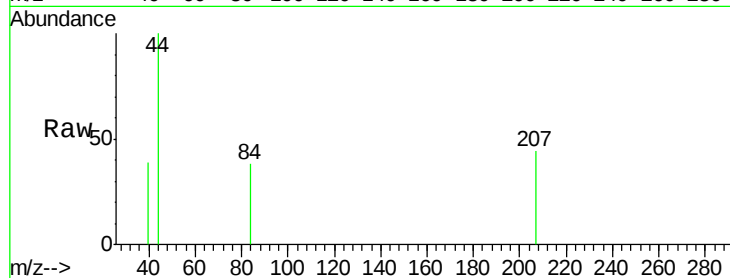




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN061759.D
Acq: 11 Jun 2020 19:57

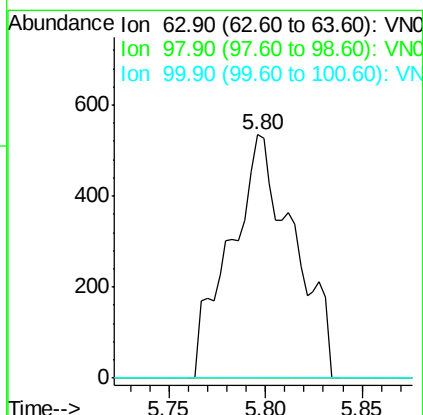
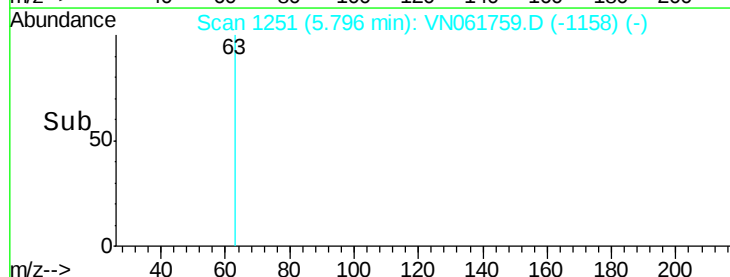
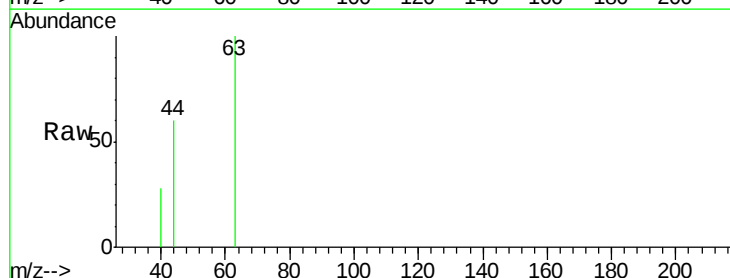
Instrument :
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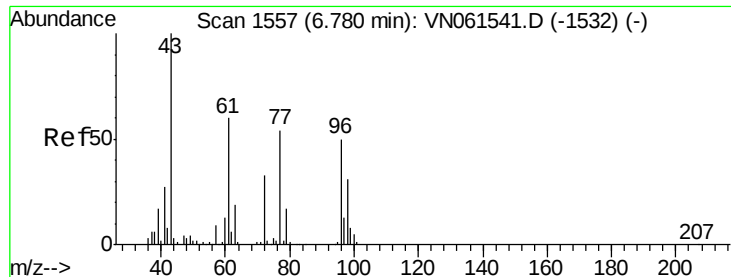
Tot Ion: 84 Resp: 64
Ion Ratio Lower Upper
84 100
49 0.0 85.8 128.8#
51 0.0 26.2 39.2#
86 0.0 52.6 78.8#



#24
1,1-Dichloroethane
Concen: 0.239 ug/l
RT: 5.80 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VN061759.D
Acq: 11 Jun 2020 19:57

Tgt Ion: 63 Resp: 1224
Ion Ratio Lower Upper
63 100
98 0.0 3.8 11.4#
100 0.0 2.5 7.6#





#27

cis-1,2-Dichloroethene

Concen: 3.721 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN061759.D

Acq: 11 Jun 2020 19:57

Instrument :

MSVOA_N

ClientSampleId :

RE134D3-20200608

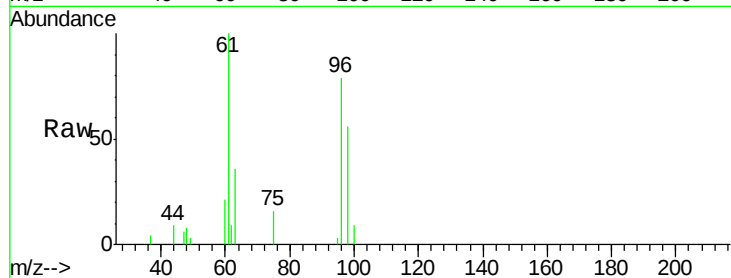
Tot Ion: 96 Resp: 13295

Ion Ratio Lower Upper

96 100

61 117.4 0.0 252.2

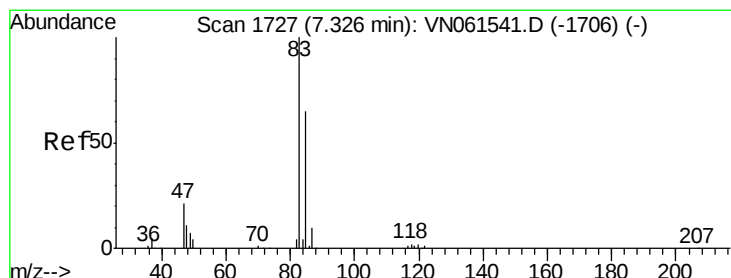
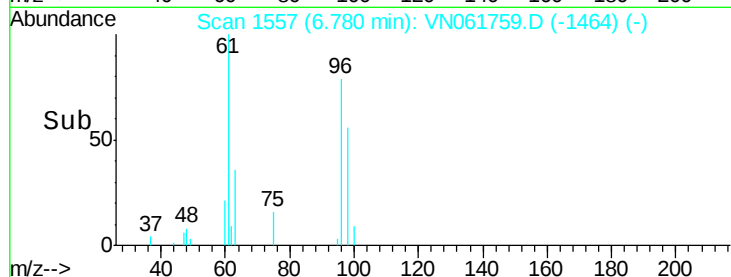
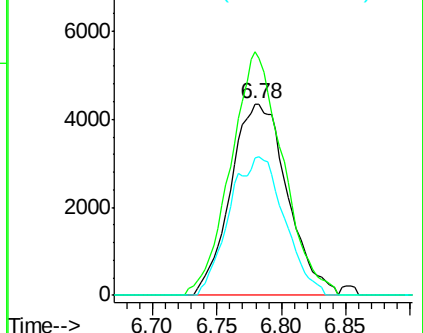
98 70.2 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VN061759.D (-1464) (-)

Ion 60.90 (60.60 to 61.60): VN061759.D (-1464) (-)

Ion 97.90 (97.60 to 98.60): VN061759.D (-1464) (-)



#30

Chloroform

Concen: 0.340 ug/l

RT: 7.33 min Scan# 1728

Delta R.T. 0.00 min

Lab File: VN061759.D

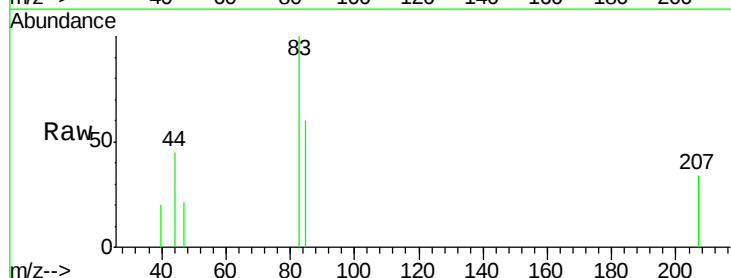
Acq: 11 Jun 2020 19:57

Tgt Ion: 83 Resp: 1922

Ion Ratio Lower Upper

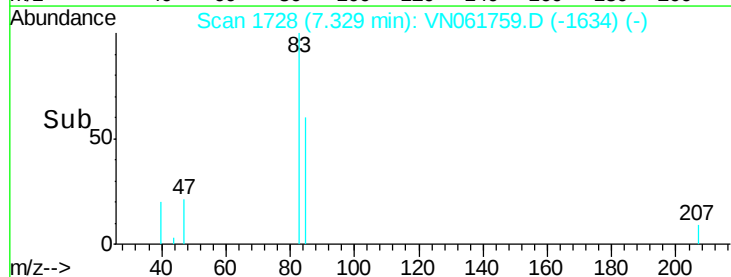
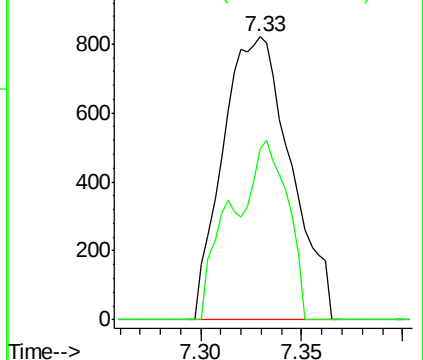
83 100

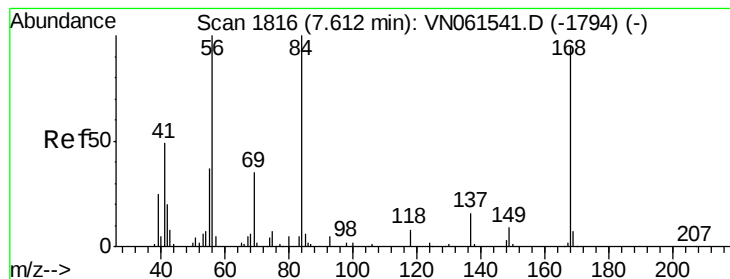
85 60.2 51.7 77.5



Abundance Ion 82.90 (82.60 to 83.60): VN061759.D (-1634) (-)

Ion 84.90 (84.60 to 85.60): VN061759.D (-1634) (-)





#31

Cyclohexane

Concen: 1.005 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VN061759.D

Acq: 11 Jun 2020 19:57

Instrument :

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RE134D3-20200608

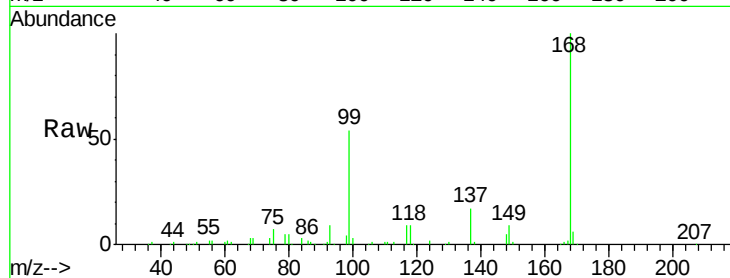
Tot Ion: 56 Resp: 4620

Ion Ratio Lower Upper

56 100

69 175.0 27.8 41.8#

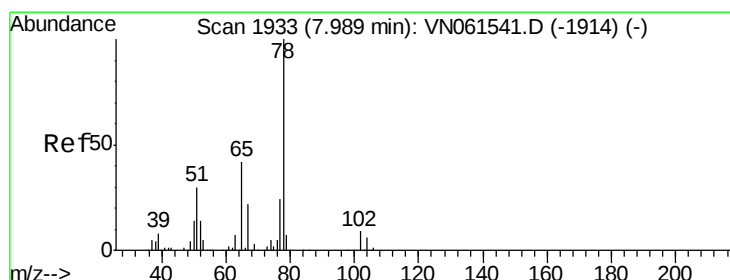
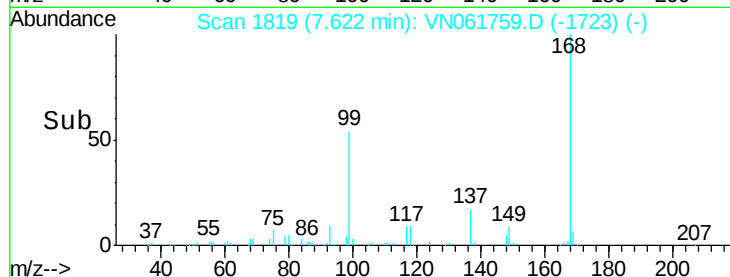
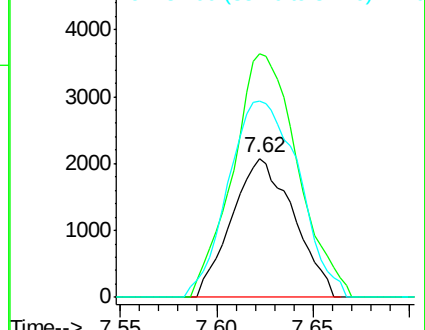
84 133.3 79.9 119.9#



Abundance Ion 56.00 (55.70 to 56.70): VN061541.D (-1794) (-)

Ion 69.00 (68.70 to 69.70): VN061541.D (-1794) (-)

Ion 84.00 (83.70 to 84.70): VN061541.D (-1794) (-)



#33

1,2-Dichloroethane-d4

Concen: 47.587 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN061759.D

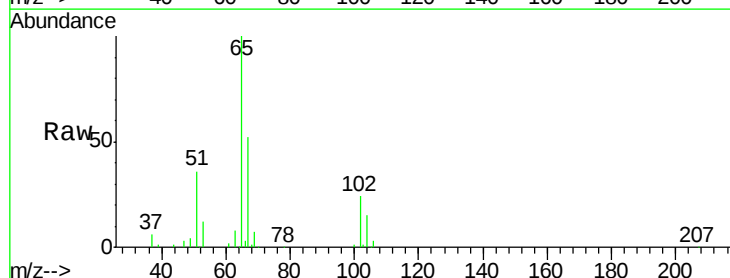
Acq: 11 Jun 2020 19:57

Tgt Ion: 65 Resp: 155240

Ion Ratio Lower Upper

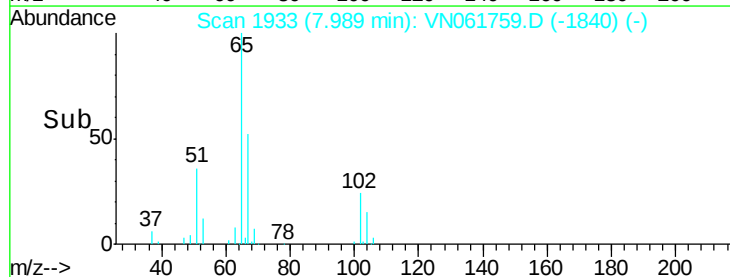
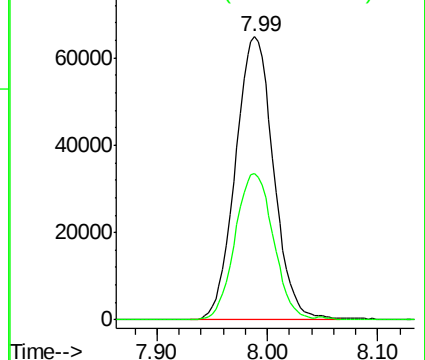
65 100

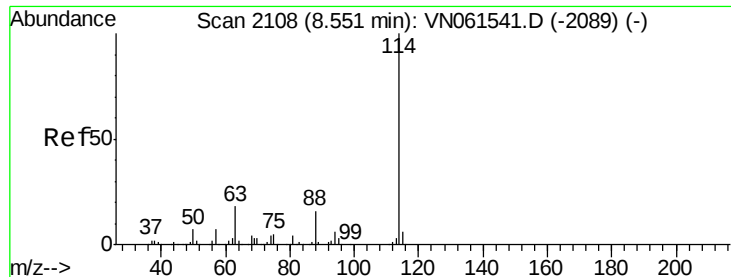
67 52.1 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VN061541.D (-1914) (-)

Ion 66.90 (66.60 to 67.60): VN061541.D (-1914) (-)

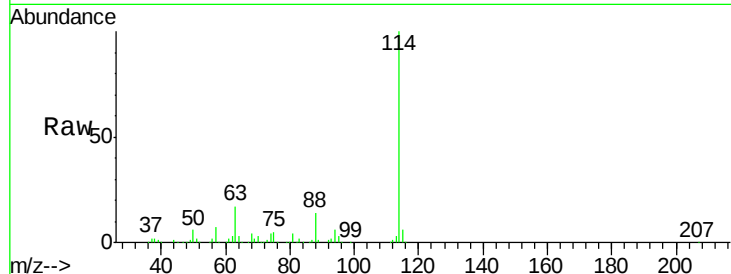




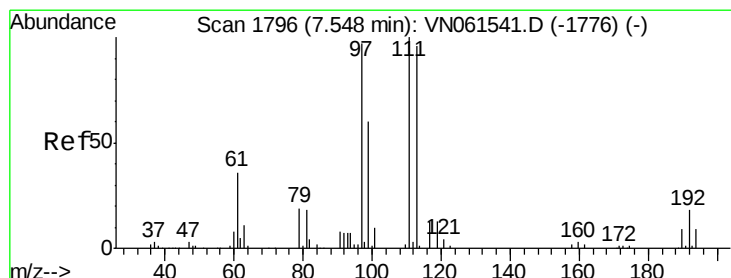
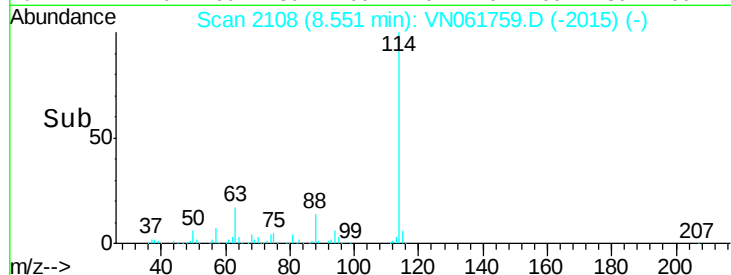
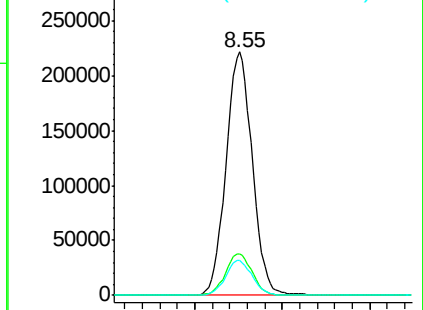
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061759.D
 Acq: 11 Jun 2020 19:57

Instrument :
 MSVOA_N
 ClientSampleId :
 RE134D3-20200608

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	35.8
88	14.3	0.0	31.0

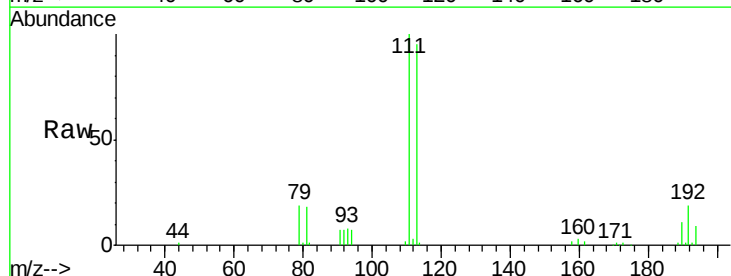


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

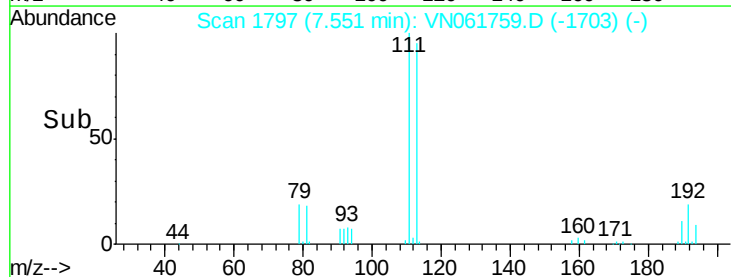
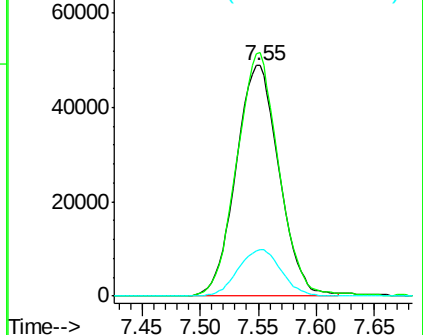


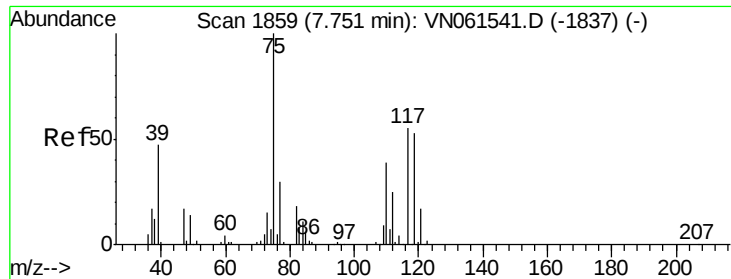
#35
 Dibromofluoromethane
 Concen: 53.987 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN061759.D
 Acq: 11 Jun 2020 19:57

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.4	125.0
192	20.3	15.4	23.2



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: 4.562 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.13 min

Lab File: VN061759.D

Acq: 11 Jun 2020 19:57

Instrument :

MSVOA_N

ClientSampleId :

RE134D3-20200608

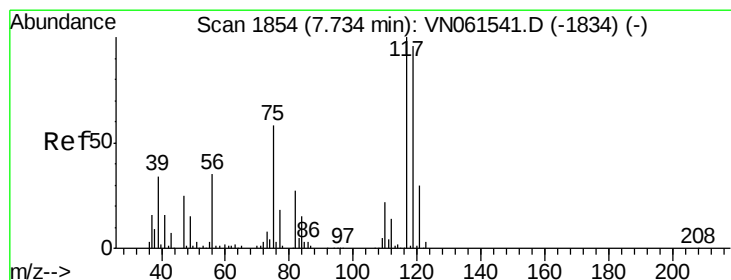
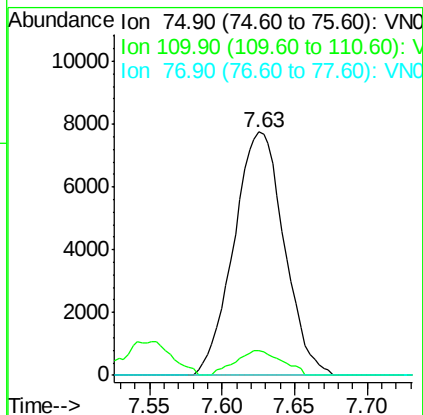
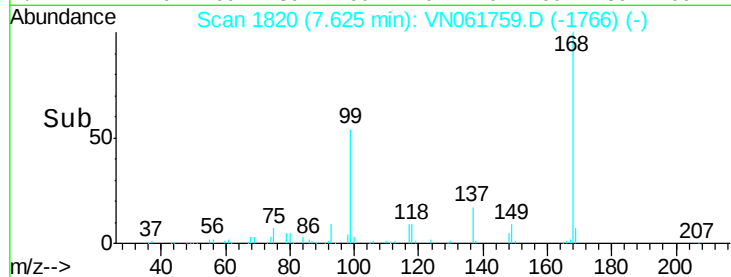
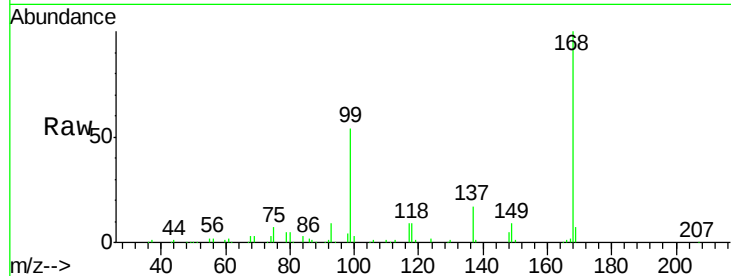
Tot Ion: 75 Resp: 18697

Ion Ratio Lower Upper

75 100

110 9.4 19.5 58.5#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.487 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. -0.11 min

Lab File: VN061759.D

Acq: 11 Jun 2020 19:57

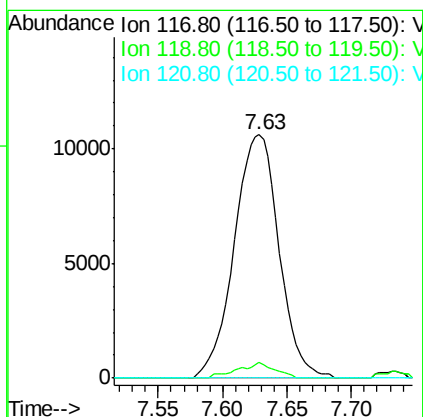
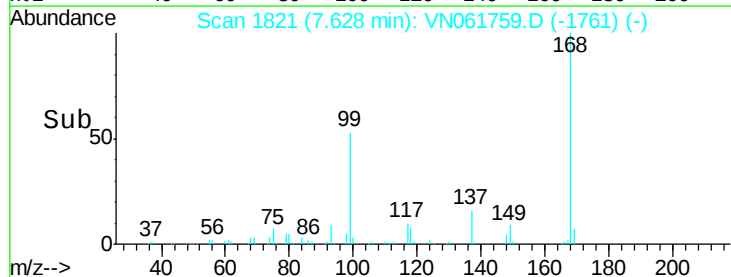
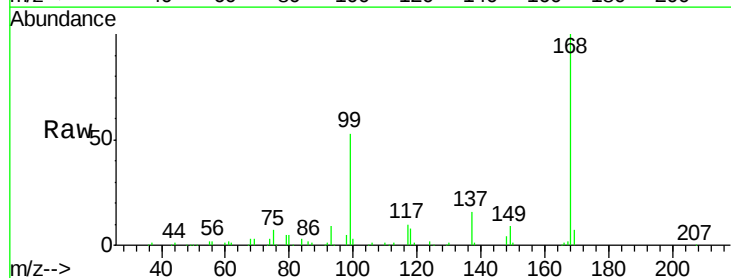
Tgt Ion: 117 Resp: 25641

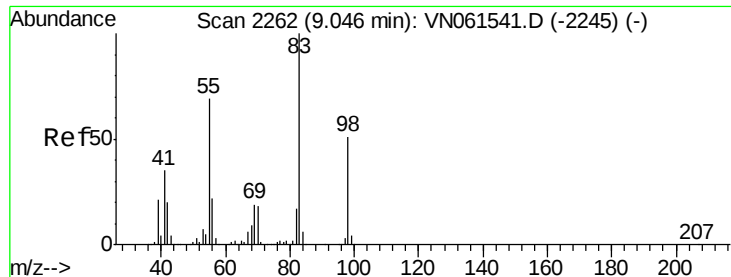
Ion Ratio Lower Upper

117 100

119 6.2 76.5 114.7#

121 0.0 24.1 36.1#

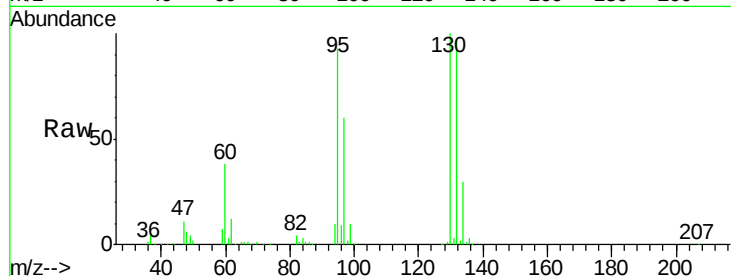




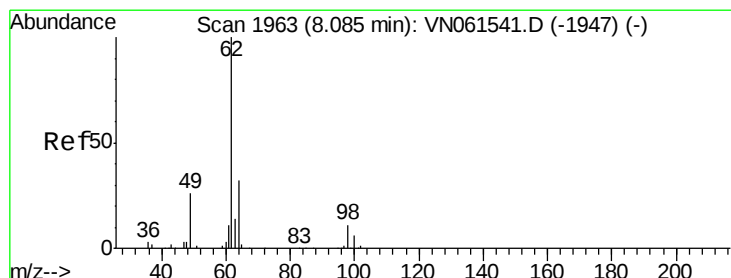
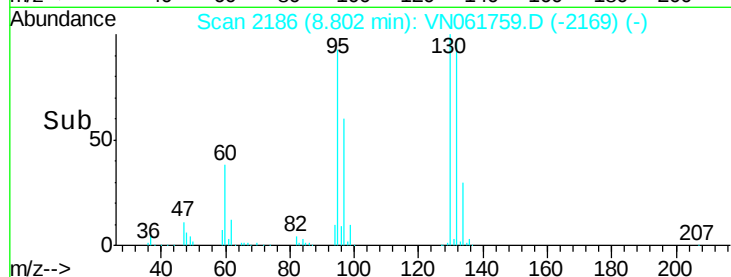
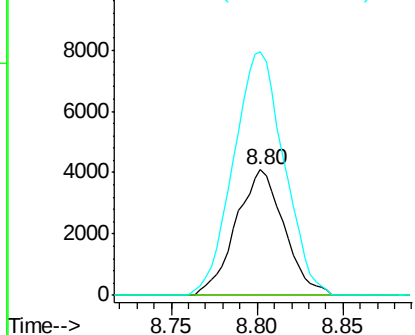
#39
Methvlcvclohexane
Concen: 1.583 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.24 min
Lab File: VN061759.D
Acq: 11 Jun 2020 19:57

Instrument :
MSVOA_N
ClientSampleId :
RE134D3-20200608

Tot Ion: 83 Resp: 7994
Ion Ratio Lower Upper
83 100
55 0.0 54.9 82.3#
98 194.0 41.0 61.4#

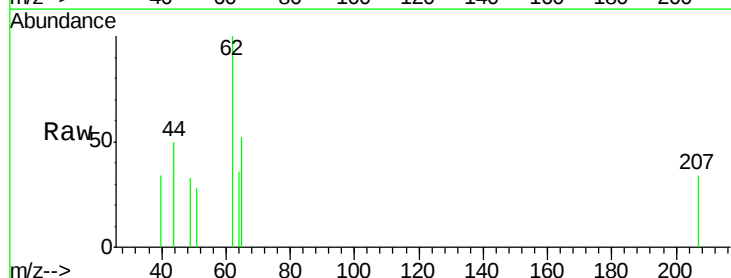


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

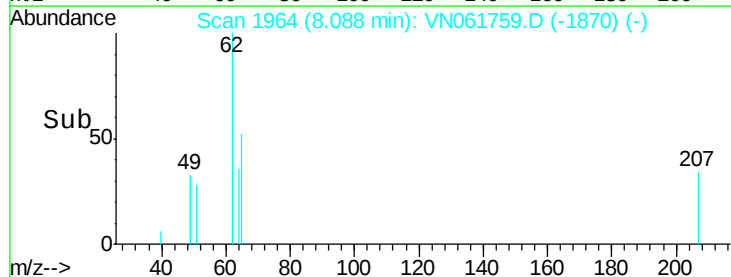
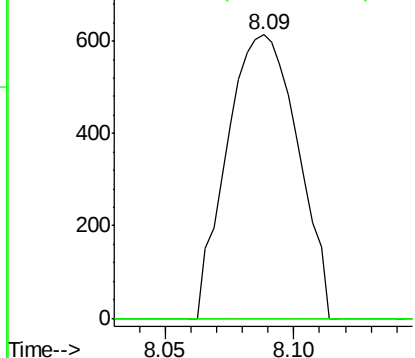


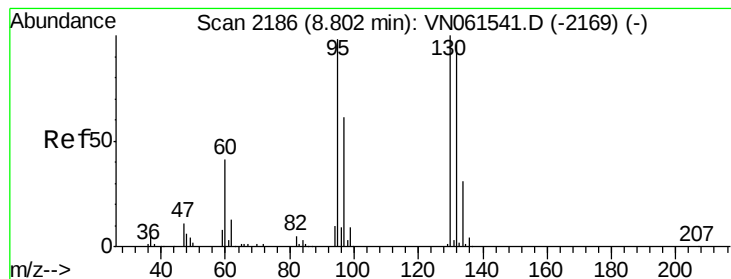
#42
1,2-Dichloroethane
Concen: 0.276 ug/l
RT: 8.09 min Scan# 1964
Delta R.T. 0.00 min
Lab File: VN061759.D
Acq: 11 Jun 2020 19:57

Tgt Ion: 62 Resp: 1170
Ion Ratio Lower Upper
62 100
98 0.0 0.0 21.4



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#44

Trichloroethene

Concen: 180.120 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN061759.D

Acq: 11 Jun 2020 19:57

Instrument :

MSVOA_N

ClientSampleId :

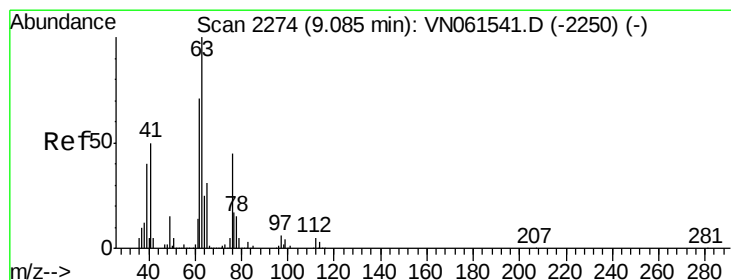
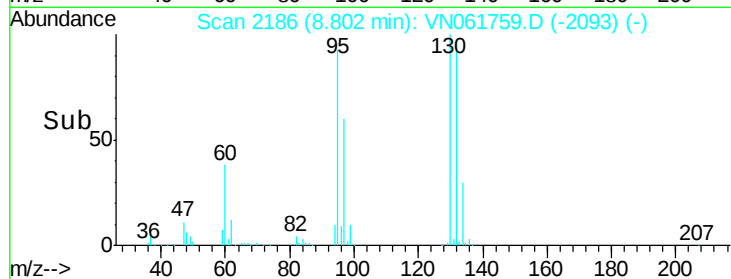
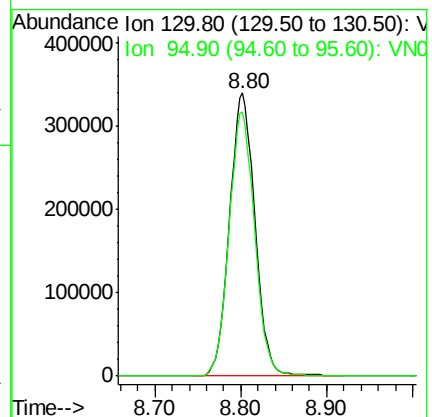
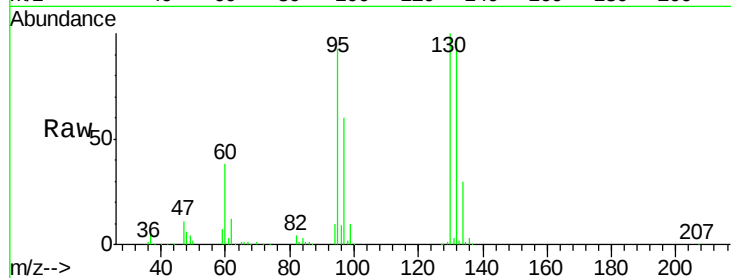
RE134D3-20200608

Tot Ion:130 Resp: 699941

Ion Ratio Lower Upper

130 100

95 93.4 0.0 196.6



#45

1,2-Dichloropropane

Concen: 0.674 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN061759.D

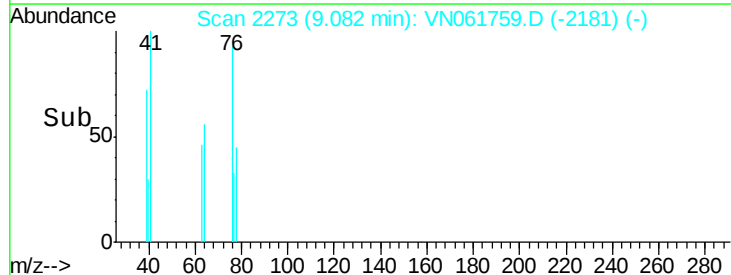
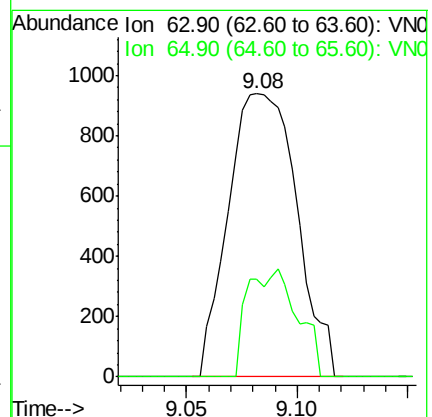
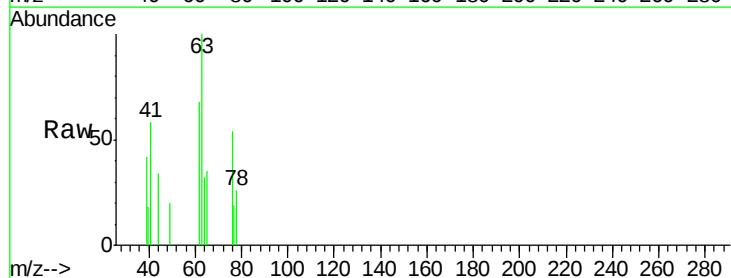
Acq: 11 Jun 2020 19:57

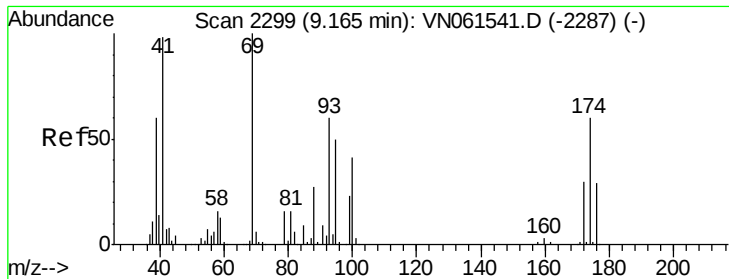
Tgt Ion: 63 Resp: 2025

Ion Ratio Lower Upper

63 100

65 34.5 24.7 37.1

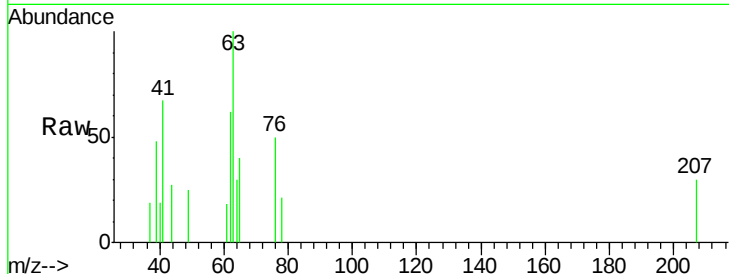




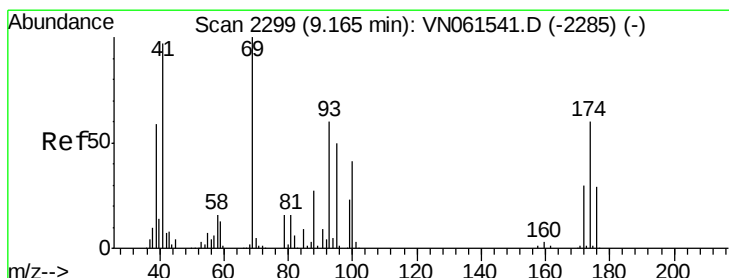
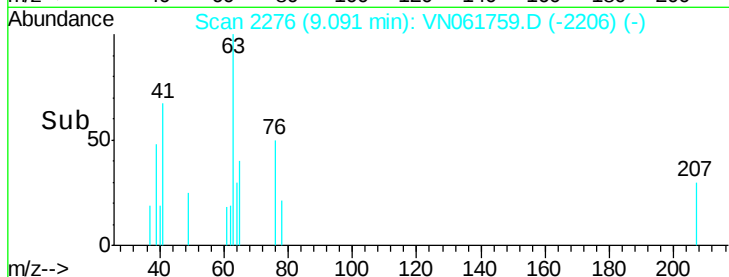
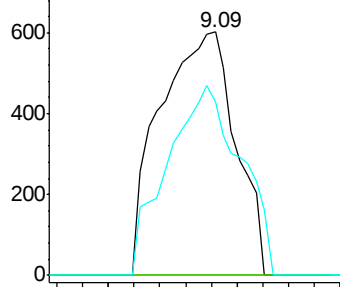
#48
Methvl methacrylate
Concen: 0.460 ug/l
RT: 9.09 min Scan# 2276
Delta R.T. -0.07 min
Lab File: VN061759.D
Acq: 11 Jun 2020 19:57

Instrument :
MSVOA_N
ClientSampleId :
RE134D3-20200608

Tot Ion: 41 Resp: 1230
Ion Ratio Lower Upper
41 100
69 0.0 83.9 125.9#
39 75.6 52.1 78.1

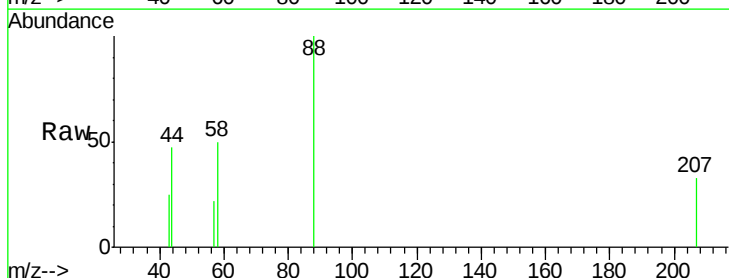


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

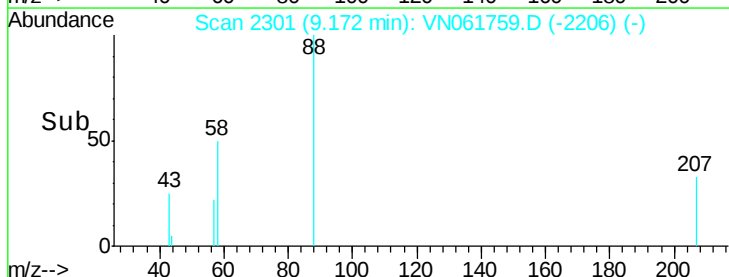
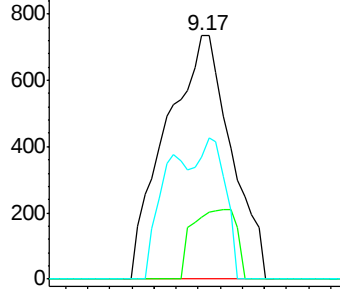


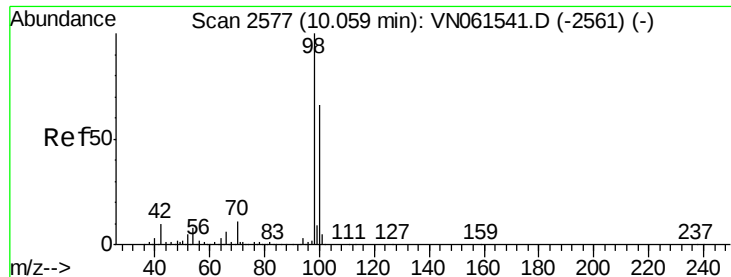
#49
1,4-Dioxane
Concen: 36.192 ug/l
RT: 9.17 min Scan# 2301
Delta R.T. 0.01 min
Lab File: VN061759.D
Acq: 11 Jun 2020 19:57

Tgt Ion: 88 Resp: 1498
Ion Ratio Lower Upper
88 100
43 19.3 23.1 34.7#
58 22.2 48.3 72.5#



Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0





#50

Toluene-d8

Concen: 52.178 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061759.D

Acq: 11 Jun 2020 19:57

Instrument :

MSVOA_N

ClientSampleId :

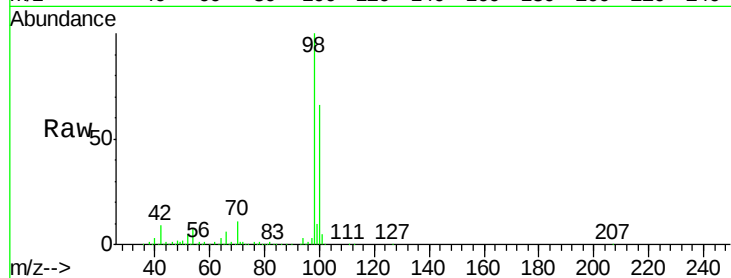
RE134D3-20200608

Tot Ion: 98 Resp: 567825

Ion Ratio Lower Upper

98 100

100 65.3 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VN061541.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN061541.D (-2561) (-)

10.06

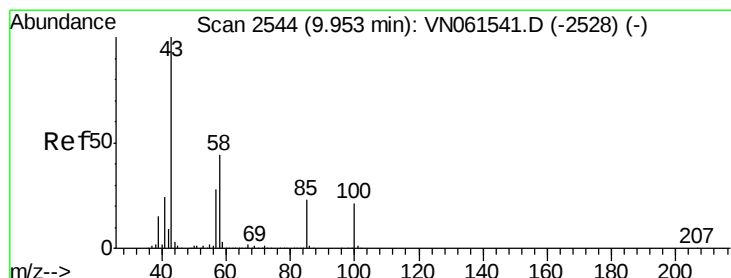
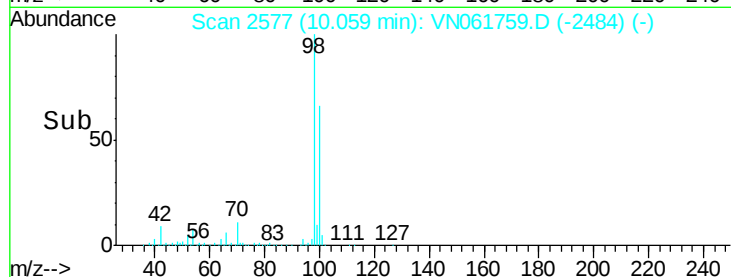
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.583 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. 0.11 min

Lab File: VN061759.D

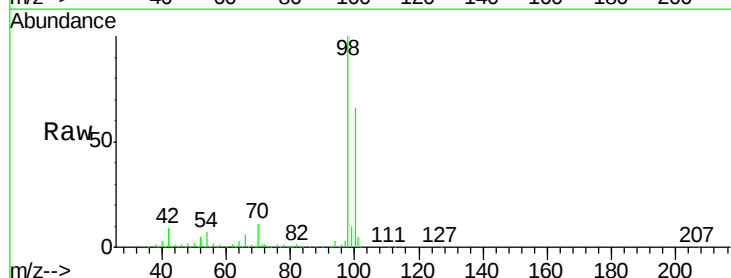
Acq: 11 Jun 2020 19:57

Tgt Ion: 43 Resp: 1951

Ion Ratio Lower Upper

43 100

58 193.9 35.0 52.6#



Abundance Ion 43.00 (42.70 to 43.70): VN061541.D (-2528) (-)

Ion 58.00 (57.70 to 58.70): VN061541.D (-2528) (-)

2500

2000

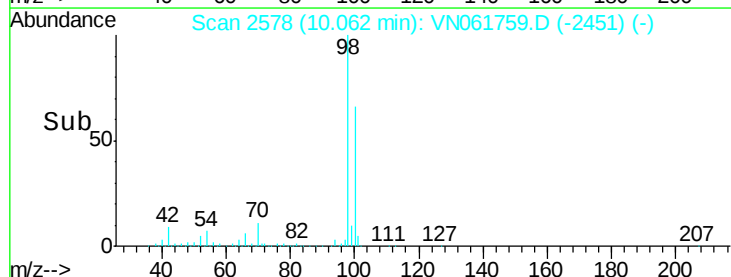
1500

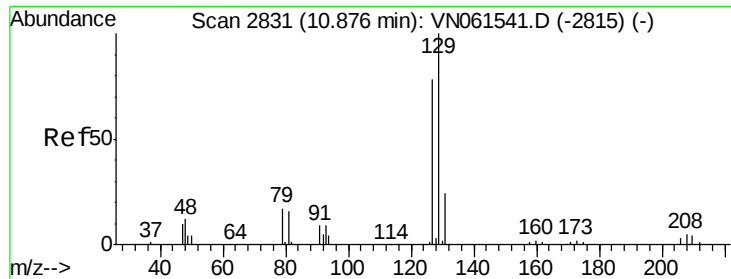
1000

500

0

Time-->

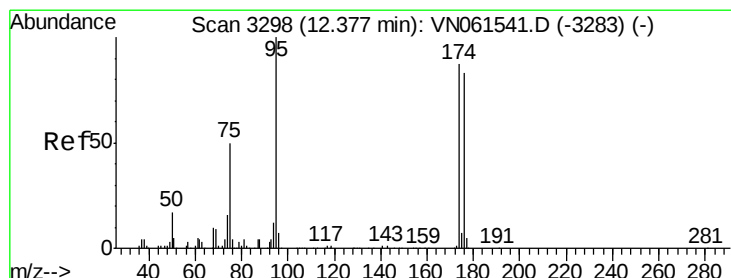
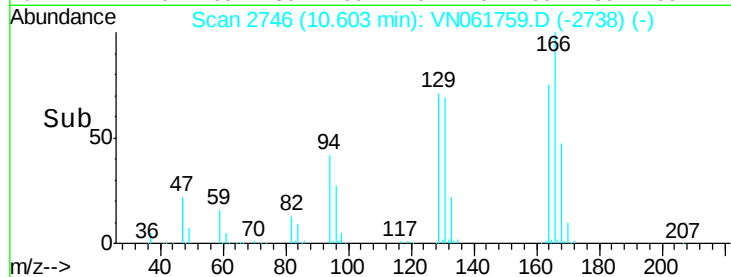
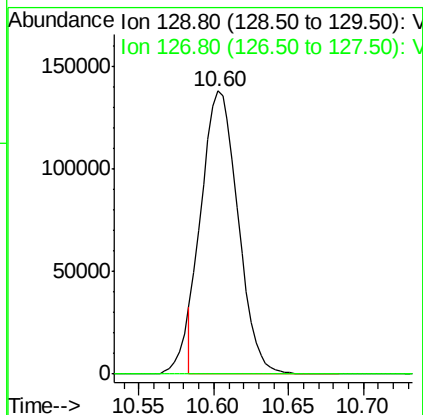
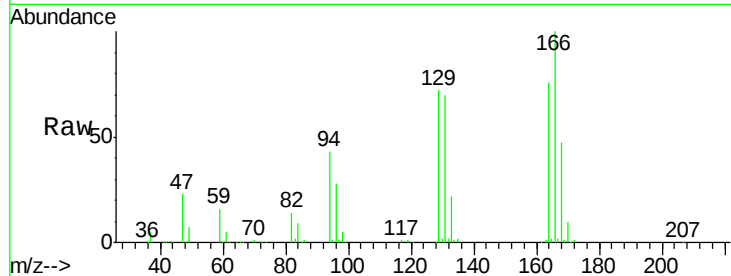




#60
Dibromochloromethane
Concen: 61.977 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.27 min
Lab File: VN061759.D
Acq: 11 Jun 2020 19:57

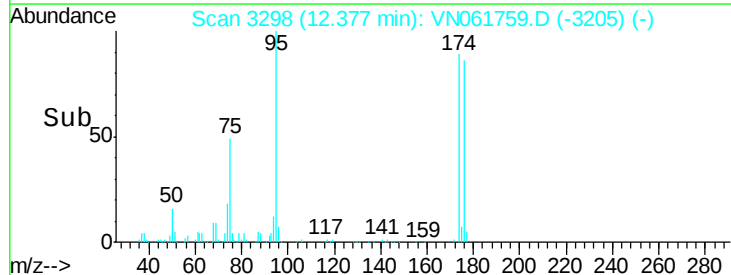
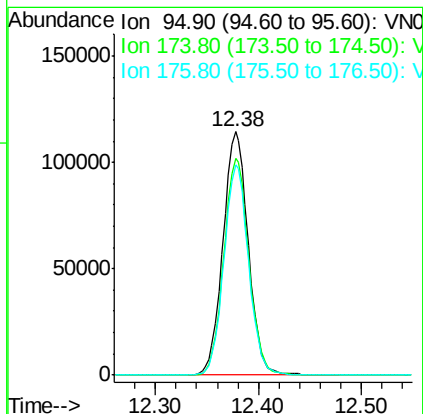
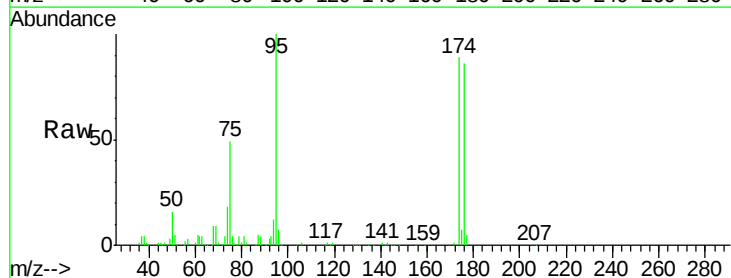
Instrument :
MSVOA_N
ClientSampleId :
RE134D3-20200608

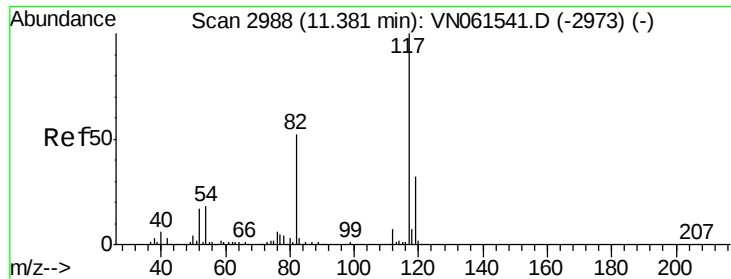
Tot Ion:129 Resp: 231669
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.3#



#62
4-Bromofluorobenzene
Concen: 49.060 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN061759.D
Acq: 11 Jun 2020 19:57

Tgt Ion: 95 Resp: 194783
Ion Ratio Lower Upper
95 100
174 88.5 0.0 172.8
176 84.3 0.0 164.8

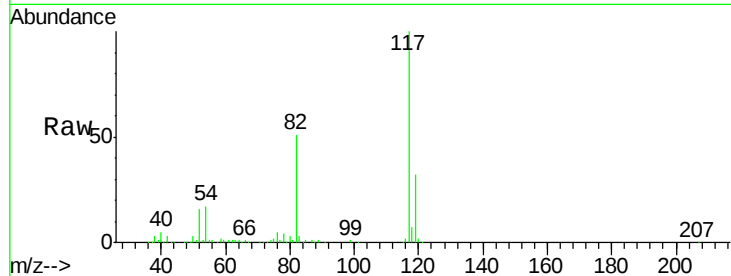




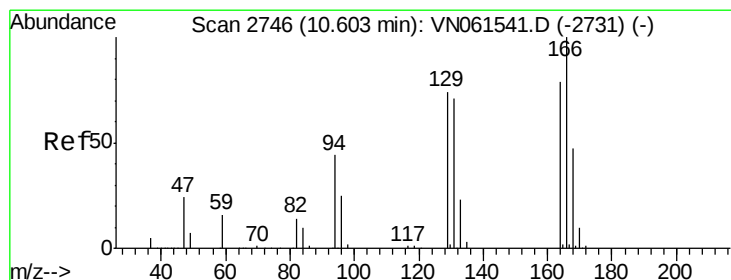
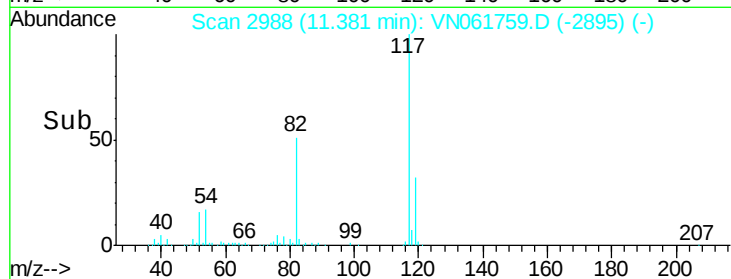
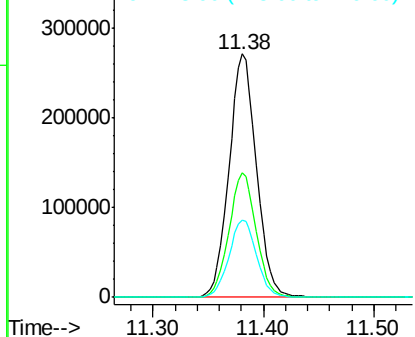
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061759.D
Acq: 11 Jun 2020 19:57

Instrument :
MSVOA_N
ClientSampleId :
RE134D3-20200608

Tot Ion:117 Resp: 465426
Ion Ratio Lower Upper
117 100
82 51.0 41.5 62.3
119 31.7 25.6 38.4

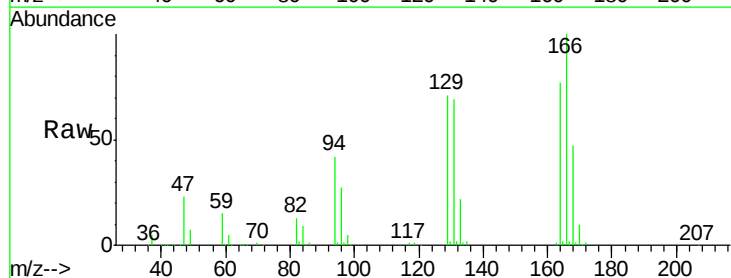


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

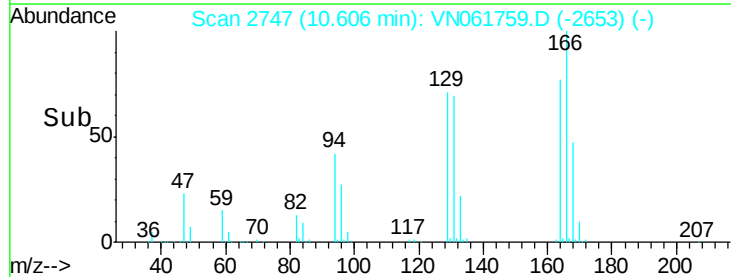
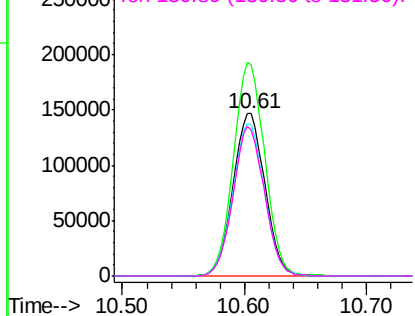


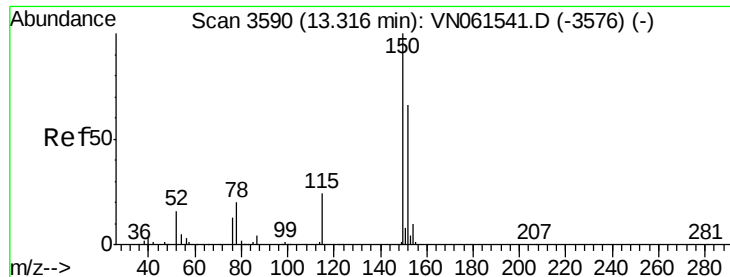
#64
Tetrachloroethene
Concen: 60.632 ug/l
RT: 10.61 min Scan# 2747
Delta R.T. 0.00 min
Lab File: VN061759.D
Acq: 11 Jun 2020 19:57

Tgt Ion:164 Resp: 265635
Ion Ratio Lower Upper
164 100
166 130.5 101.5 152.3
129 92.8 74.9 112.3
131 89.9 72.2 108.2



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# 3591

Delta R.T. 0.00 min

Lab File: VN061759.D

Acq: 11 Jun 2020 19:57

Instrument :

MSVOA_N

ClientSampleId :

RE134D3-20200608

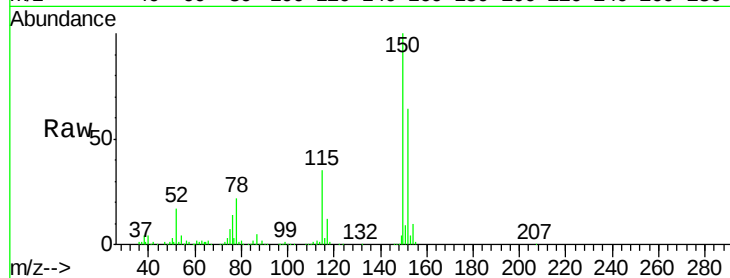
Tot Ion:152 Resp: 205342

Ion Ratio Lower Upper

152 100

115 55.6 28.0 84.0

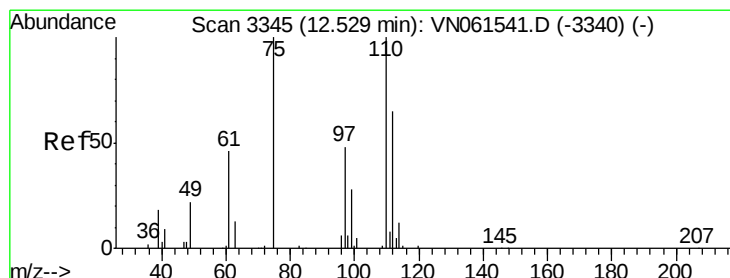
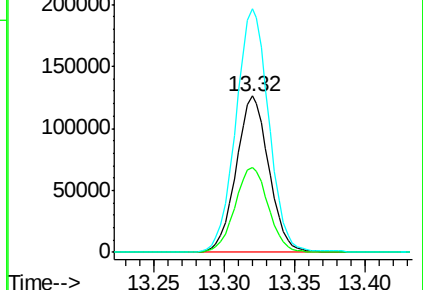
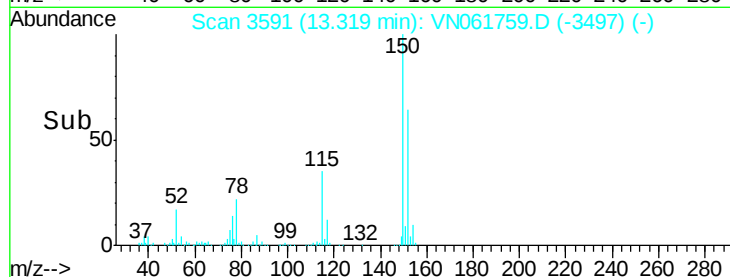
150 156.7 0.0 344.0



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: 25.174 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN061759.D

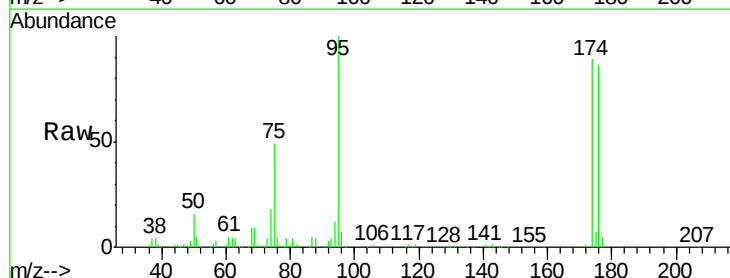
Acq: 11 Jun 2020 19:57

Tgt Ion: 75 Resp: 93997

Ion Ratio Lower Upper

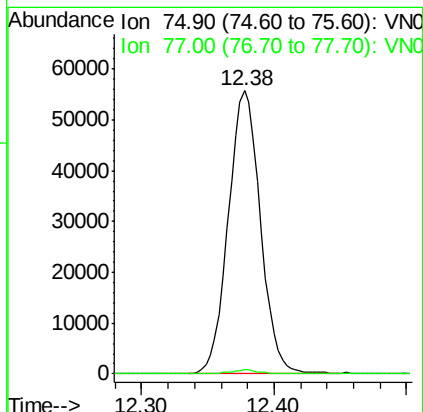
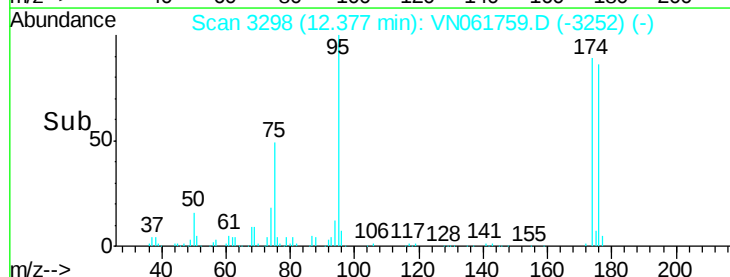
75 100

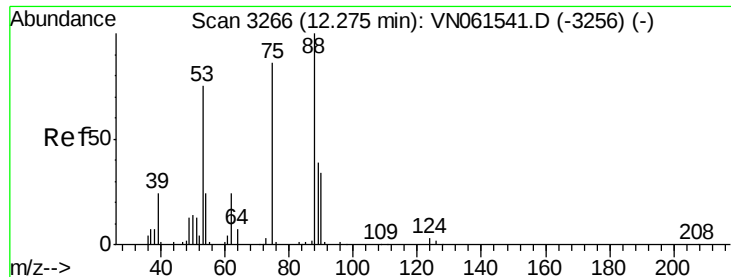
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 64.376 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN061759.D

Acq: 11 Jun 2020 19:57

Instrument :

MSVOA_N

ClientSampleId :

RE134D3-20200608

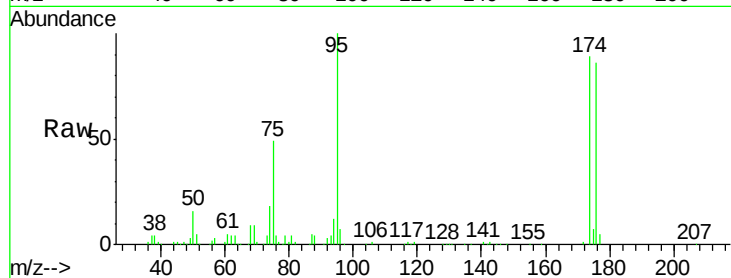
Tot Ion: 75 Resp: 93997

Ion Ratio Lower Upper

75 100

53 0.0 67.8 101.8#

89 0.0 37.1 55.7#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

