

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061220\
 Data File : VN061799.D
 Acq On : 12 Jun 2020 18:20
 Operator : JC/MD
 Sample : L2989-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 REDUP01-20200608

Quant Time: Jun 13 05:14:15 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	270156	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	460480	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	463730	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	201882	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	154840	48.11	ug/l	0.00
Spiked Amount			Recovery	=	96.22%	
35) Dibromofluoromethane	7.55	113	132896	56.89	ug/l	0.00
Spiked Amount			Recovery	=	113.78%	
50) Toluene-d8	10.06	98	563382	52.04	ug/l	0.00
Spiked Amount			Recovery	=	104.08%	
62) 4-Bromofluorobenzene	12.38	95	189824	48.06	ug/l	0.00
Spiked Amount			Recovery	=	96.12%	

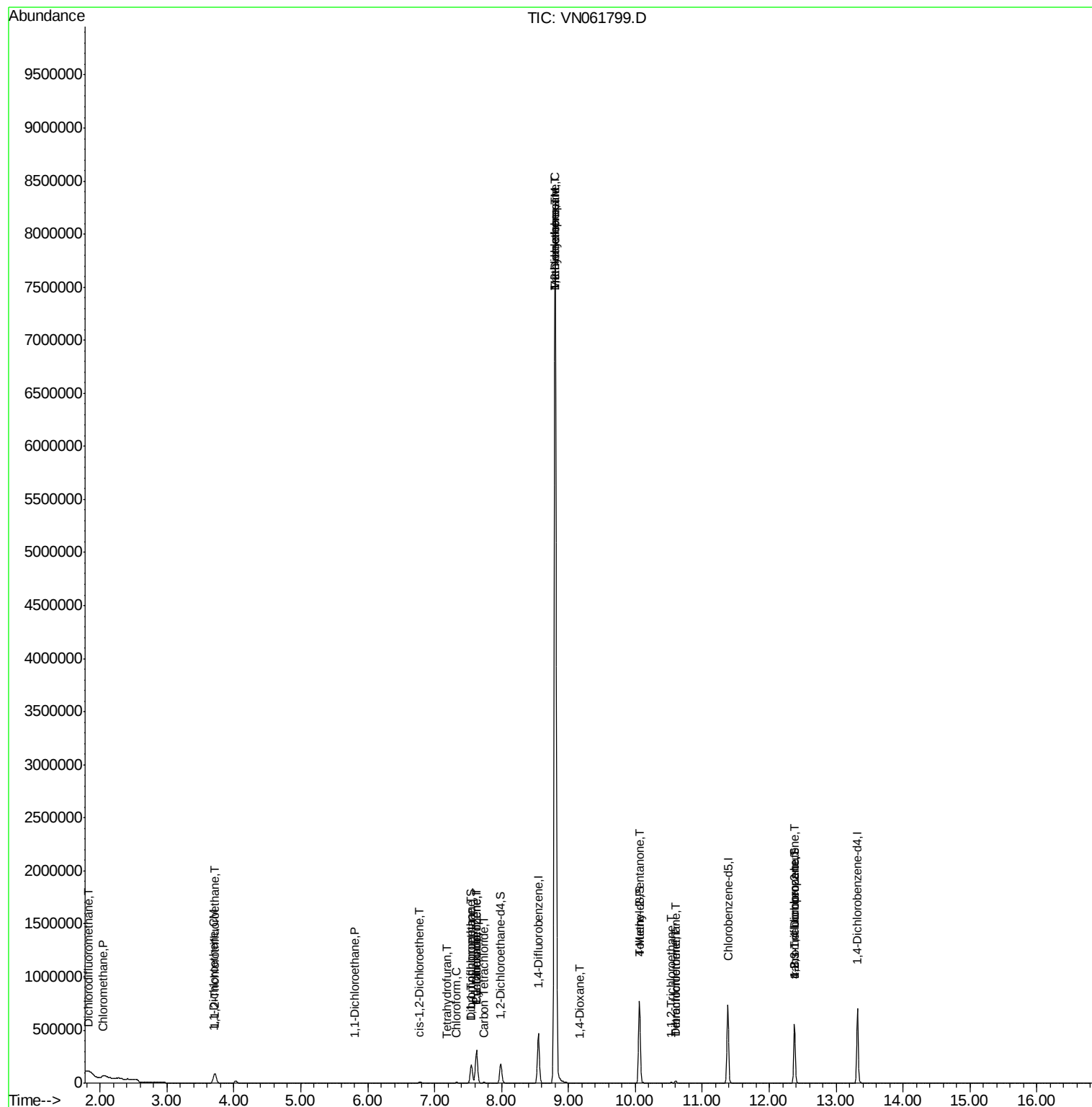
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	343	1.256	ug/l #	43
3) Chloromethane	2.04	50	666	0.202	ug/l #	78
9) 1,1,2-Trichlorotrifluoroet	3.72	101	50567	19.570	ug/l	96
12) 1,1-Dichloroethene	3.69	96	12072	4.373	ug/l	84
16) Acetone	3.78	43	5371	Below Cal		100
20) Methylene Chloride	4.50	84	64	Below Cal	#	49
24) 1,1-Dichloroethane	5.80	63	5020	0.995	ug/l #	81
27) cis-1,2-Dichloroethene	6.78	96	4151	1.178	ug/l	61
28) Bromochloromethane	7.31	49	61	Below Cal	#	3
29) Tetrahydrofuran	7.18	42	349	0.347	ug/l #	25
30) Chloroform	7.33	83	8439	1.512	ug/l	93
31) Cyclohexane	7.63	56	4825	1.064	ug/l #	6
32) 1,1,1-Trichloroethane	7.54	97	1625	0.320	ug/l #	33
36) 1,1-Dichloropropene	7.62	75	18918	4.641	ug/l #	46
38) Carbon Tetrachloride	7.74	117	5254	1.336	ug/l	98
39) Methylcyclohexane	8.80	83	36618	7.288	ug/l #	1
44) Trichloroethene	8.80	130	3221558	833.429	ug/l	97
45) 1,2-Dichloropropane	8.80	63	6372	2.134	ug/l #	1
49) 1,4-Dioxane	9.17	88	196	4.761	ug/l #	29
51) 4-Methyl-2-Pentanone	10.06	43	2201	0.661	ug/l #	1
55) 1,1,2-Trichloroethane	10.54	97	2159	0.660	ug/l	91
60) Dibromochloromethane	10.60	129	4316	1.161	ug/l #	11
64) Tetrachloroethene	10.60	164	4858	1.113	ug/l	94
76) 1,2,3-Trichloropropane	12.38	75	91477	24.919	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	91477	63.724	ug/l #	15

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

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061799.D

Acq: 12 Jun 2020 18:20

Instrument :

MSVOA_N

ClientSampleId :

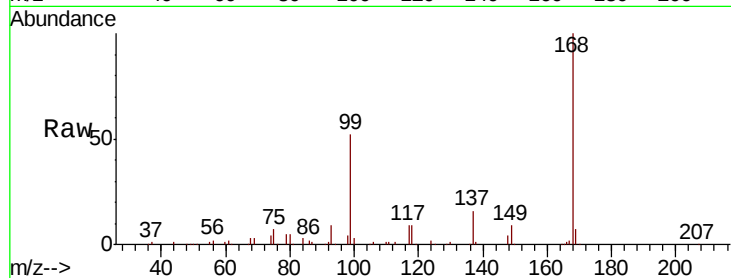
REDUP01-20200608

Tot Ion:168 Resp: 270156

Ion Ratio Lower Upper

168 100

99 52.2 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

120000

100000

80000

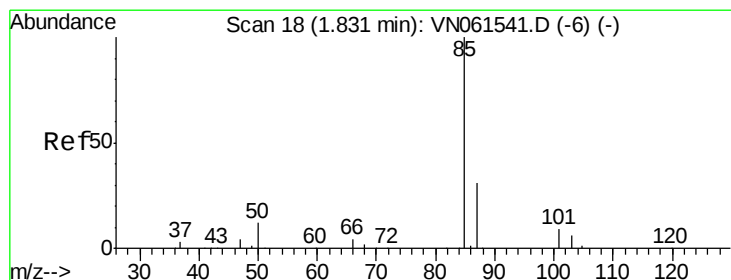
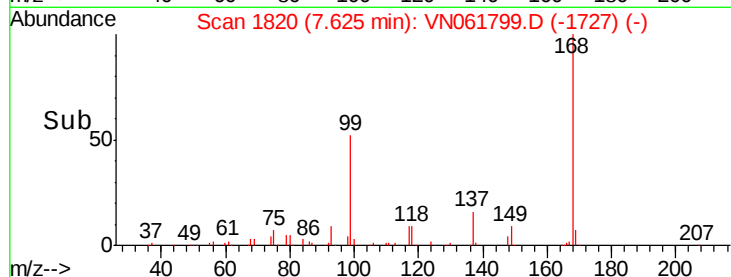
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 1.256 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN061799.D

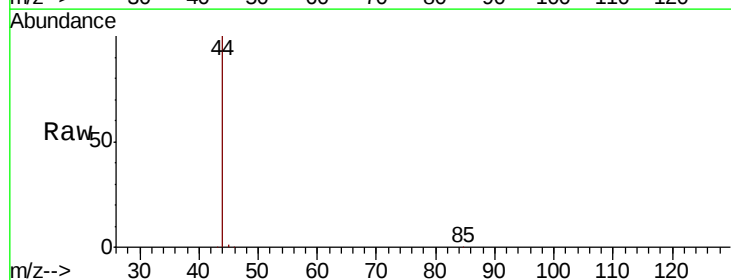
Acq: 12 Jun 2020 18:20

Tgt Ion: 85 Resp: 343

Ion Ratio Lower Upper

85 100

87 0.0 15.6 46.8#



Abundance Ion 84.90 (84.60 to 85.60): V

Ion 86.90 (86.60 to 87.60): VN

1.83

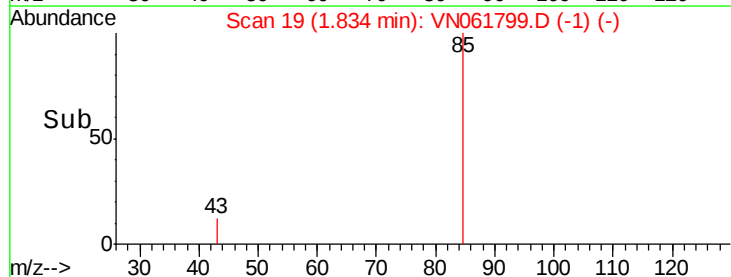
300

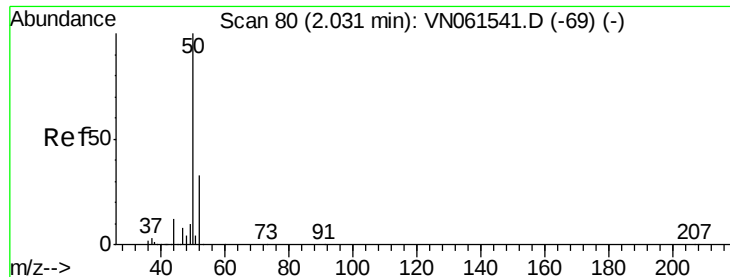
200

100

0

Time--> 1.80 1.82 1.84





#3

Chloromethane

Concen: 0.202 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.01 min

Lab File: VN061799.D

Acq: 12 Jun 2020 18:20

Instrument :

MSVOA_N

ClientSampleId :

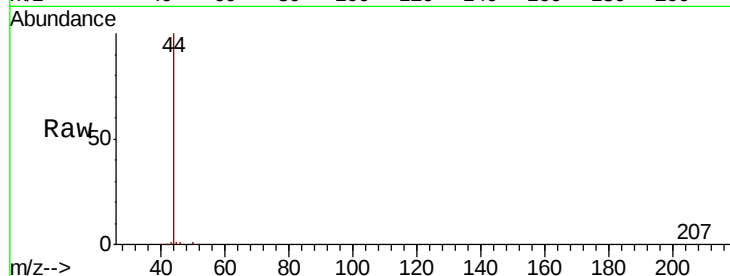
REDUP01-20200608

Tot Ion: 50 Resp: 666

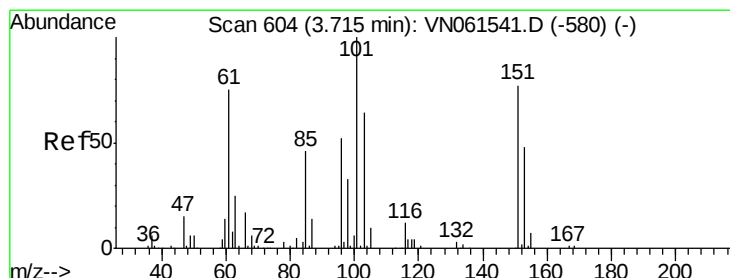
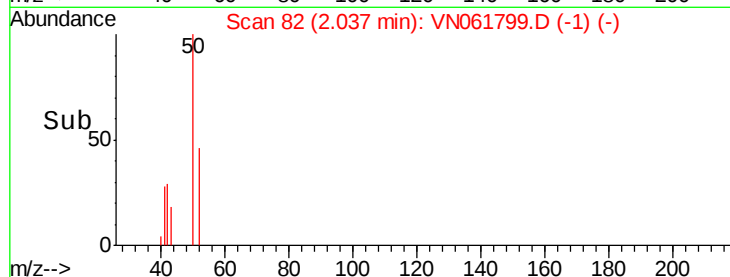
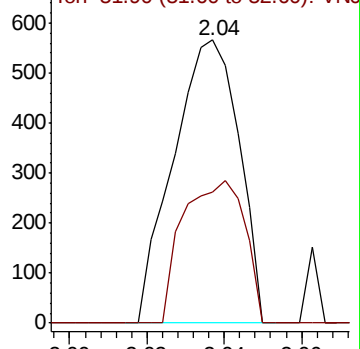
Ion Ratio Lower Upper

50 100

52 46.1 26.7 40.1#



Abundance Ion 49.90 (49.60 to 50.60): VN061799.D (-1) (-)



#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.570 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN061799.D

Acq: 12 Jun 2020 18:20

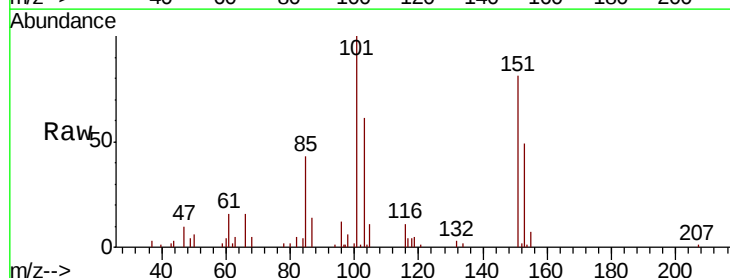
Tgt Ion: 101 Resp: 50567

Ion Ratio Lower Upper

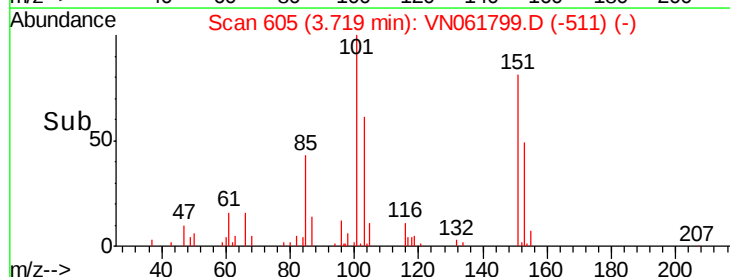
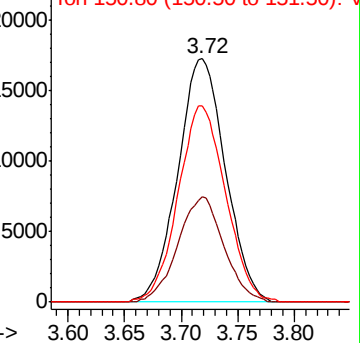
101 100

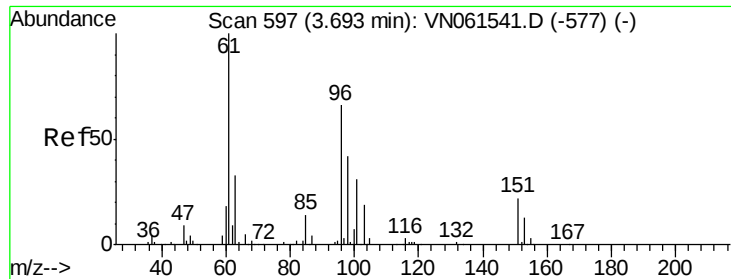
85 41.6 35.2 52.8

151 80.2 61.0 91.6



Abundance Ion 100.90 (100.60 to 101.60): VN061799.D (-511) (-)

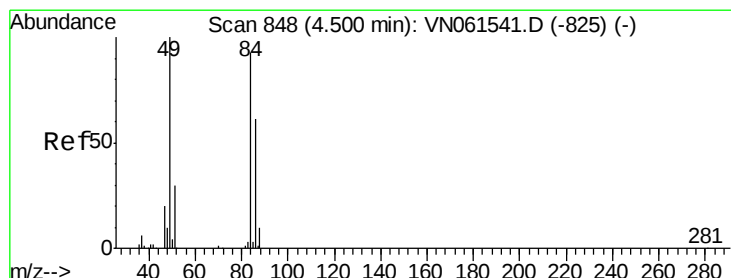
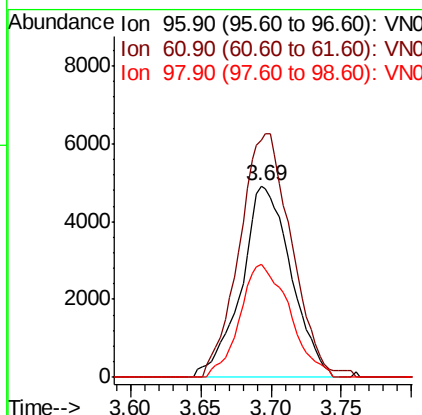
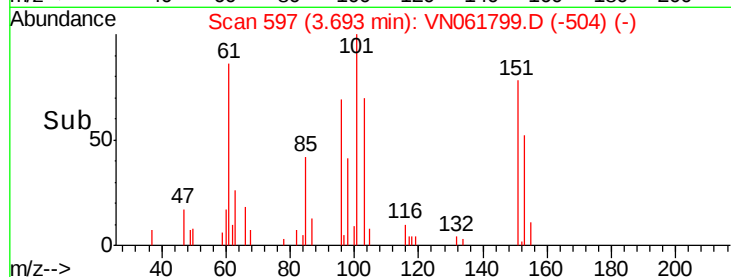
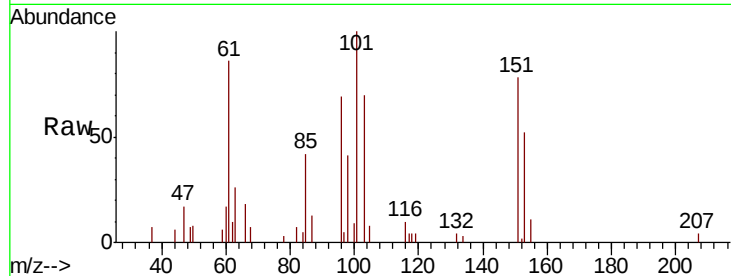




#12
 1,1-Dichloroethene
 Concen: 4.373 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: VN061799.D
 Acq: 12 Jun 2020 18:20

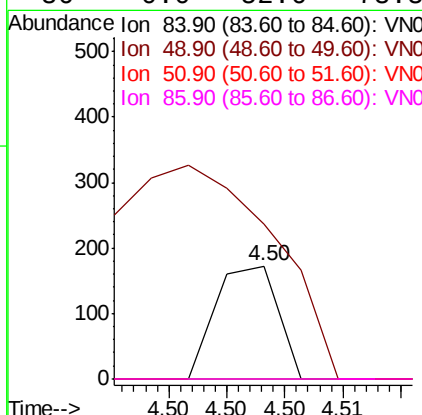
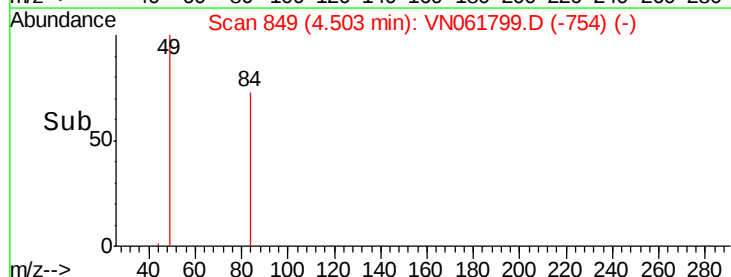
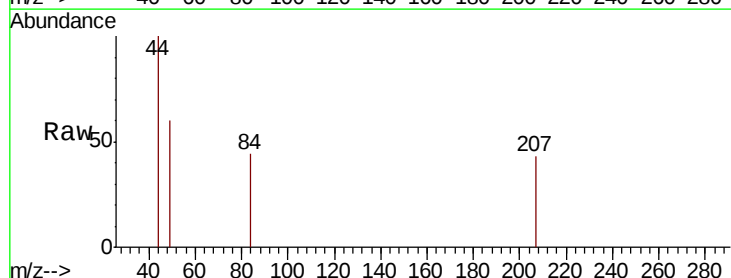
Instrument :
 MSVOA_N
 ClientSampleId :
 REDUP01-20200608

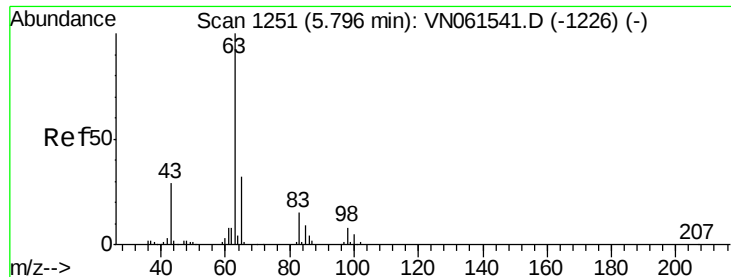
Tot Ion: 96 Resp: 12072
 Ion Ratio Lower Upper
 96 100
 61 124.1 120.5 180.7
 98 58.9 50.8 76.2



#20
 Methylene Chloride
 Concen: Below Cal
 RT: 4.50 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: VN061799.D
 Acq: 12 Jun 2020 18:20

Tgt Ion: 84 Resp: 64
 Ion Ratio Lower Upper
 84 100
 49 137.2 85.8 128.8#
 51 0.0 26.2 39.2#
 86 0.0 52.6 78.8#





#24

1,1-Dichloroethane

Concen: 0.995 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VN061799.D

Acq: 12 Jun 2020 18:20

Instrument :

MSVOA_N

ClientSampleId :

REDUP01-20200608

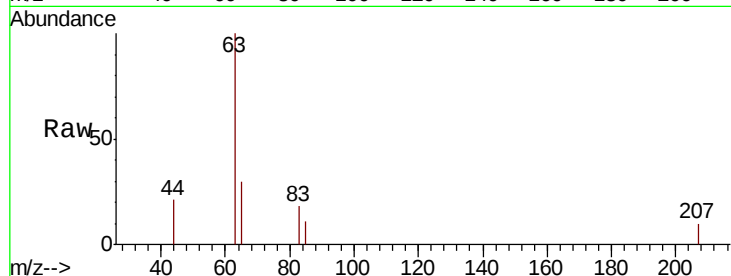
Tot Ion: 63 Resp: 5020

Ion Ratio Lower Upper

63 100

98 0.0 3.8 11.4#

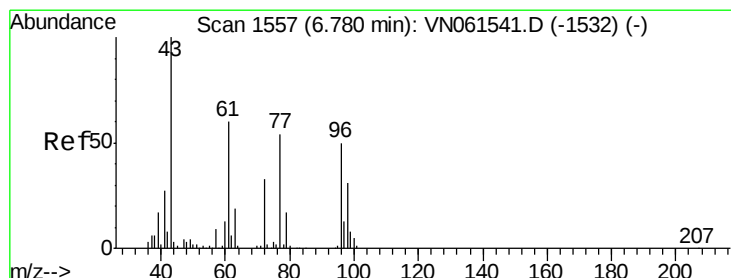
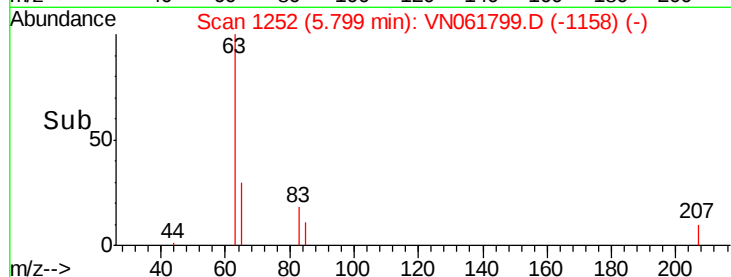
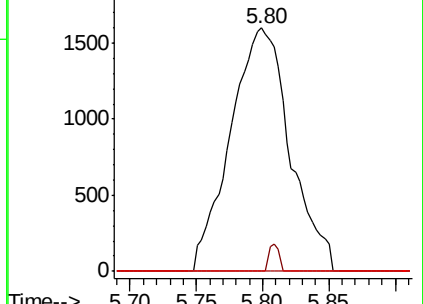
100 0.0 2.5 7.6#



Abundance Ion 62.90 (62.60 to 63.60): VN061799.D (-1158) (-)

Ion 97.90 (97.60 to 98.60): VN061799.D (-1158) (-)

Ion 99.90 (99.60 to 100.60): VN061799.D (-1158) (-)



#27

cis-1,2-Dichloroethene

Concen: 1.178 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN061799.D

Acq: 12 Jun 2020 18:20

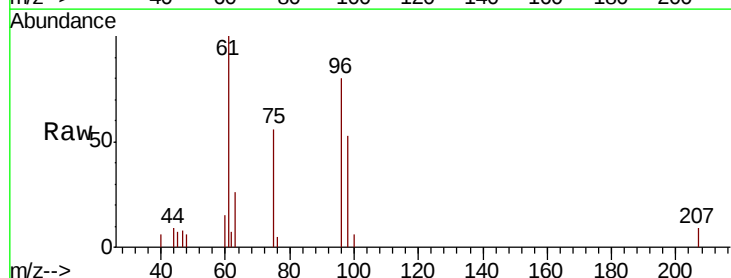
Tgt Ion: 96 Resp: 4151

Ion Ratio Lower Upper

96 100

61 193.4 0.0 252.2

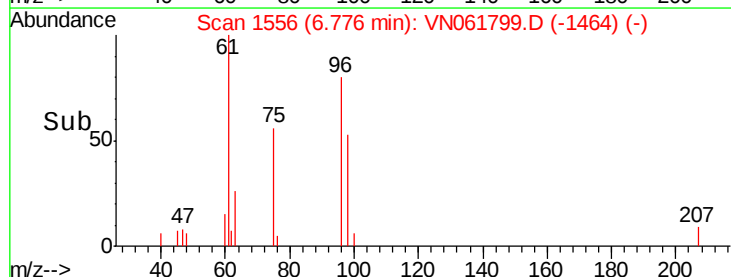
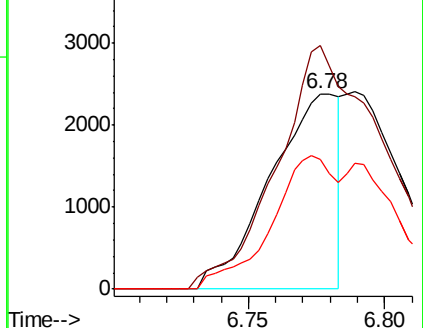
98 63.8 0.0 129.2

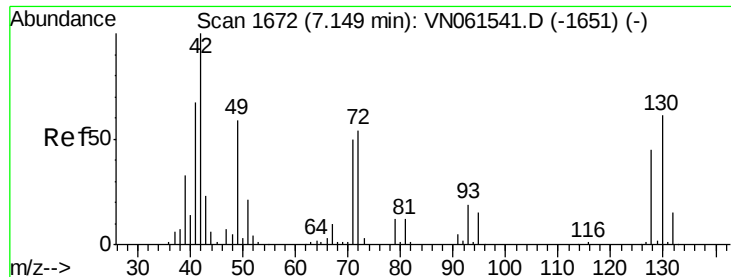


Abundance Ion 95.90 (95.60 to 96.60): VN061799.D (-1464) (-)

Ion 60.90 (60.60 to 61.60): VN061799.D (-1464) (-)

Ion 97.90 (97.60 to 98.60): VN061799.D (-1464) (-)





#28

Bromochloromethane

Concen: Below Cal

RT: 7.31 min Scan# 1721

Delta R.T. 0.16 min

Lab File: VN061799.D

Acq: 12 Jun 2020 18:20

Instrument :

MSVOA_N

ClientSampleId :

REDUP01-20200608

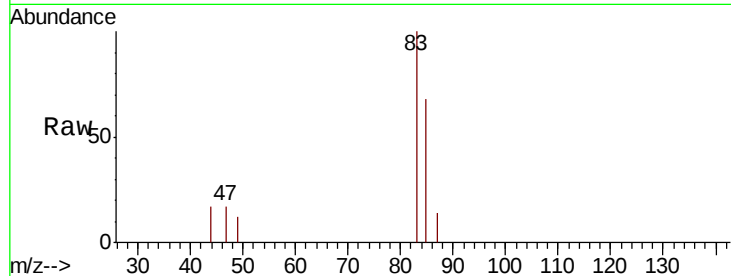
Tot Ion: 49 Resp: 61

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.8

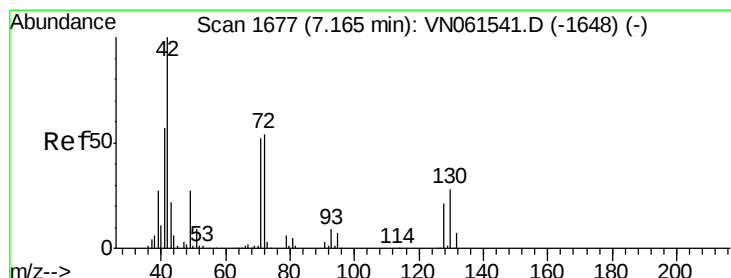
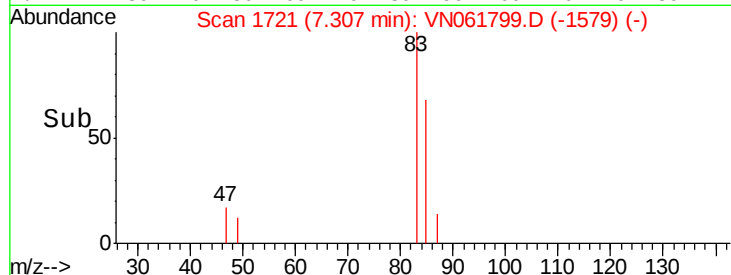
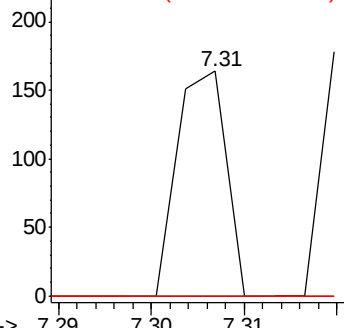
130 0.0 78.8 118.2#



Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 0.347 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. 0.01 min

Lab File: VN061799.D

Acq: 12 Jun 2020 18:20

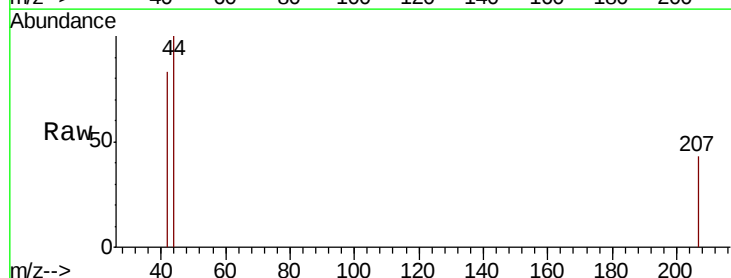
Tgt Ion: 42 Resp: 349

Ion Ratio Lower Upper

42 100

72 0.0 43.6 65.4#

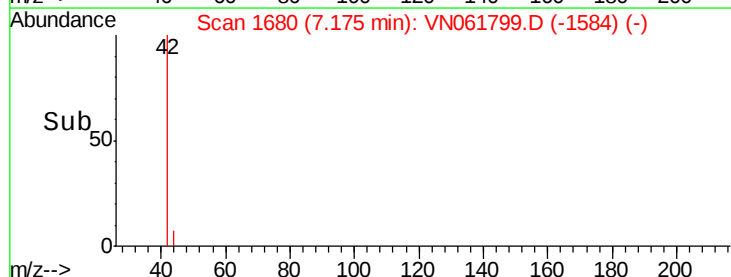
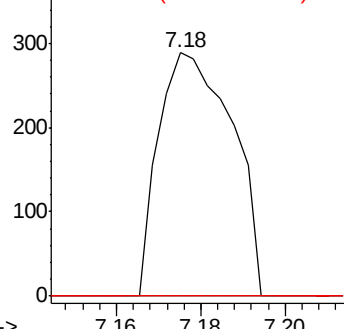
71 0.0 41.2 61.8#

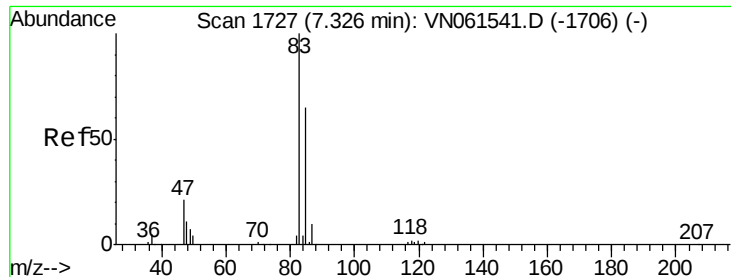


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

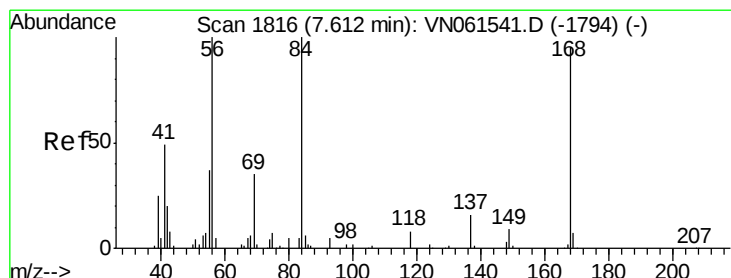
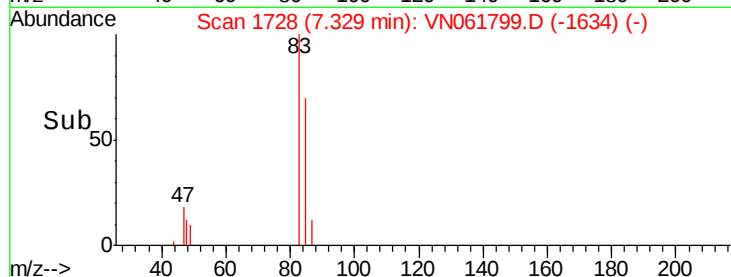
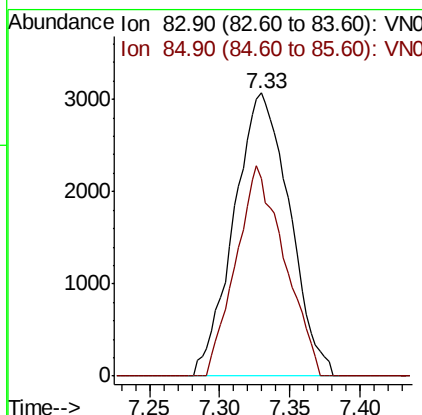
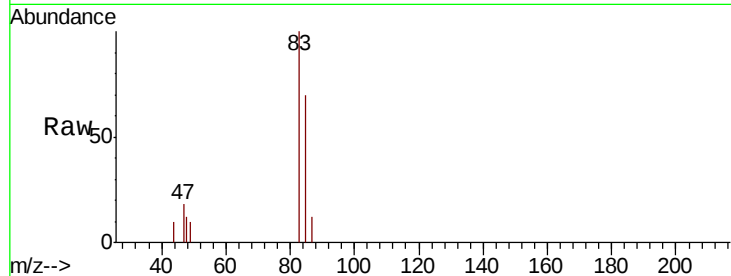




#30
Chloroform
Concen: 1.512 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN061799.D
Acq: 12 Jun 2020 18:20

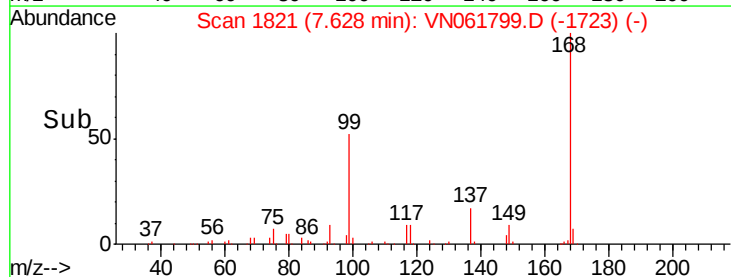
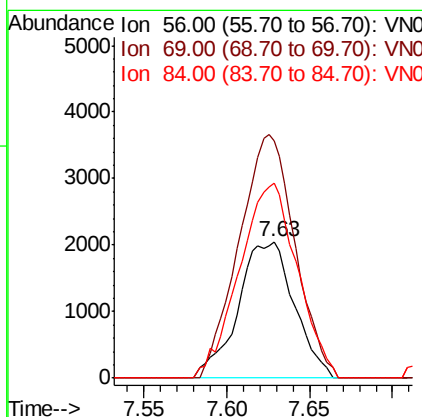
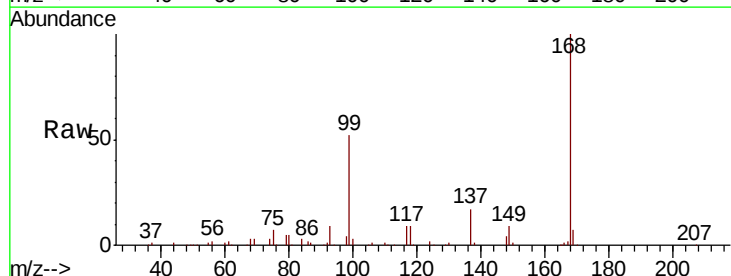
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REDUP01-20200608

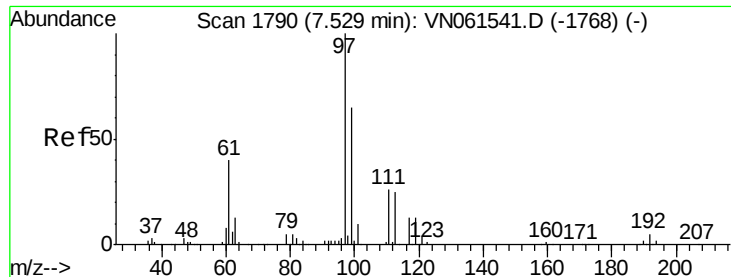
Tot Ion: 83 Resp: 8439
Ion Ratio Lower Upper
83 100
85 69.7 51.7 77.5



#31
Cyclohexane
Concen: 1.064 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. 0.02 min
Lab File: VN061799.D
Acq: 12 Jun 2020 18:20

Tgt Ion: 56 Resp: 4825
Ion Ratio Lower Upper
56 100
69 173.8 27.8 41.8#
84 143.3 79.9 119.9#





#32

1,1,1-Trichloroethane

Concen: 0.320 ug/l

RT: 7.54 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VN061799.D

Acq: 12 Jun 2020 18:20

Instrument :

MSVOA_N

ClientSampleId :

REDUP01-20200608

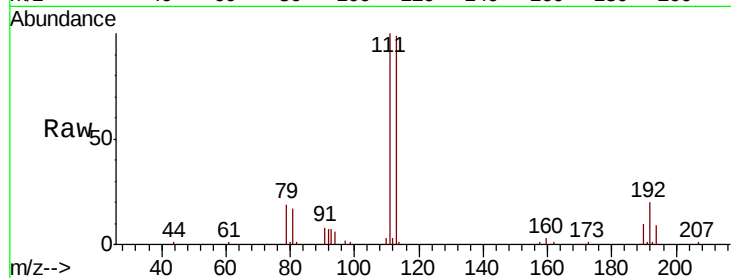
Tot Ion: 97 Resp: 1625

Ion Ratio Lower Upper

97 100

99 0.0 51.4 77.0#

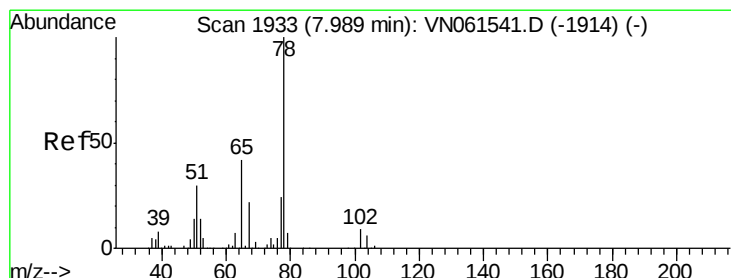
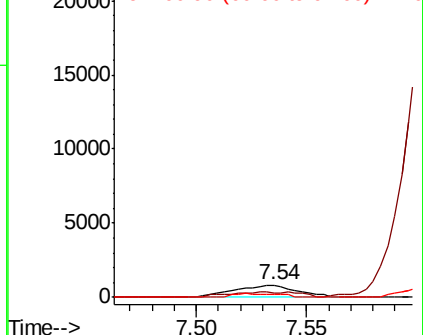
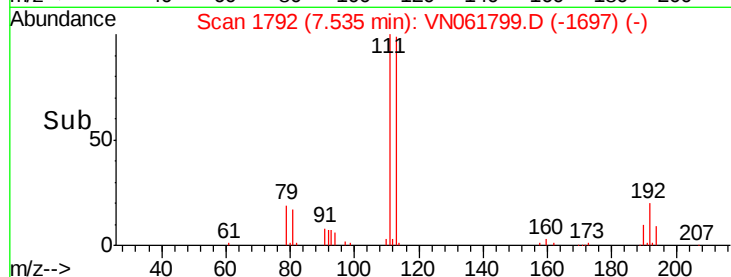
61 12.7 31.4 47.0#



Abundance Ion 96.90 (96.60 to 97.60): VN061799.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN061799.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN061799.D (-1697) (-)



#33

1,2-Dichloroethane-d4

Concen: 48.106 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN061799.D

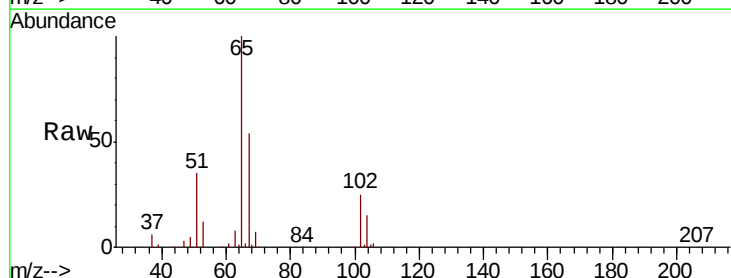
Acq: 12 Jun 2020 18:20

Tgt Ion: 65 Resp: 154840

Ion Ratio Lower Upper

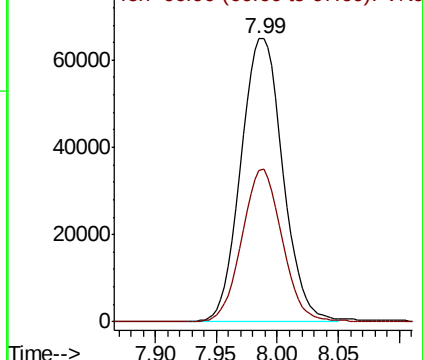
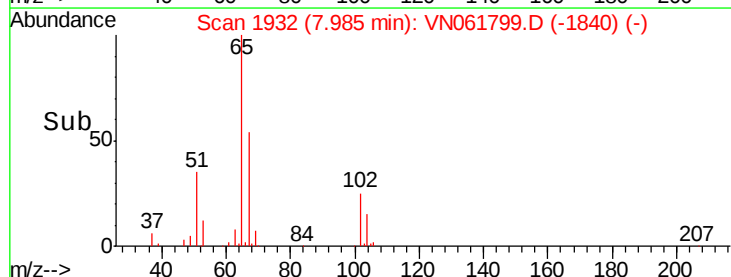
65 100

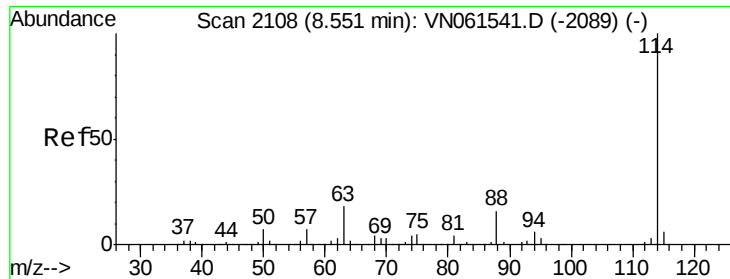
67 51.6 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VN061799.D (-1840) (-)

Ion 66.90 (66.60 to 67.60): VN061799.D (-1840) (-)

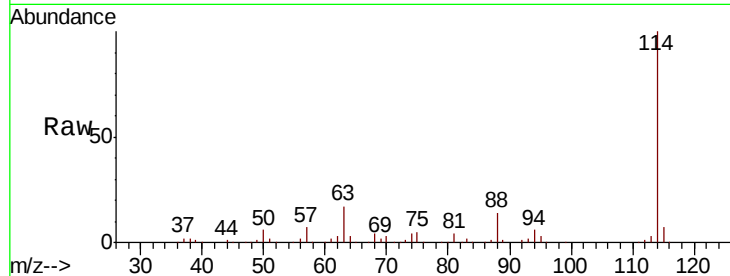




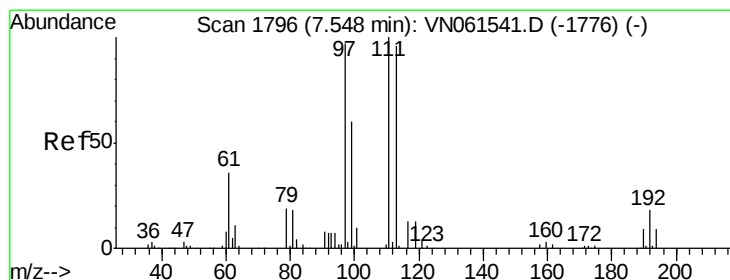
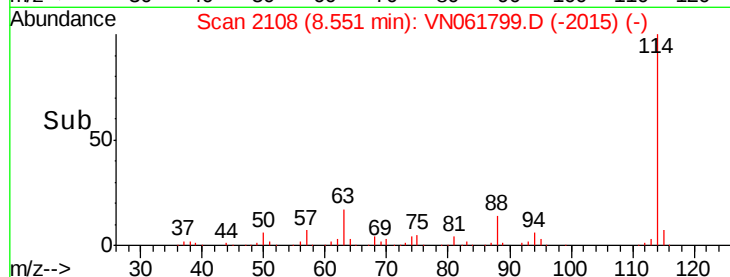
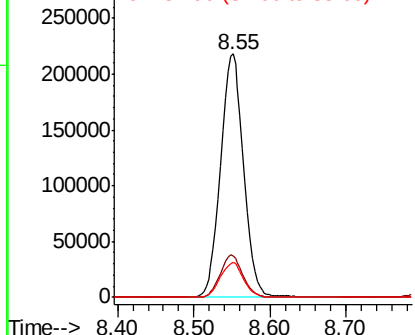
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. 0.00 min
Lab File: VN061799.D
Acq: 12 Jun 2020 18:20

Instrument :
MSVOA_N
ClientSampleId :
REDUP01-20200608

Tot Ion:114 Resp: 460480
Ion Ratio Lower Upper
114 100
63 17.3 0.0 35.8
88 14.3 0.0 31.0

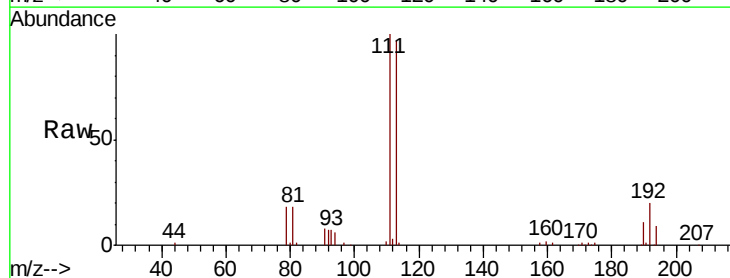


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

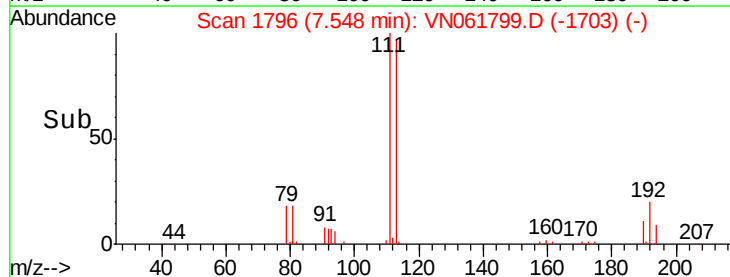
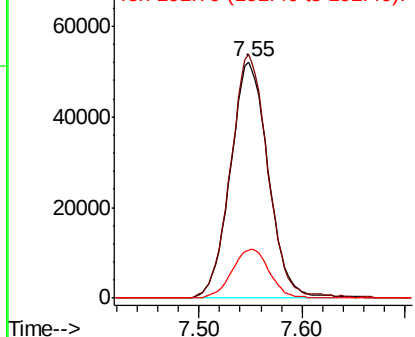


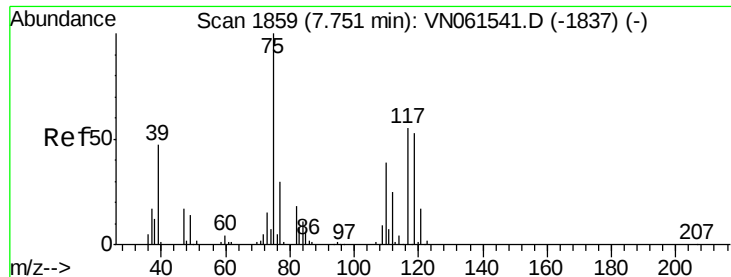
#35
Dibromofluoromethane
Concen: 56.892 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN061799.D
Acq: 12 Jun 2020 18:20

Tgt Ion:113 Resp: 132896
Ion Ratio Lower Upper
113 100
111 100.9 83.4 125.0
192 20.4 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

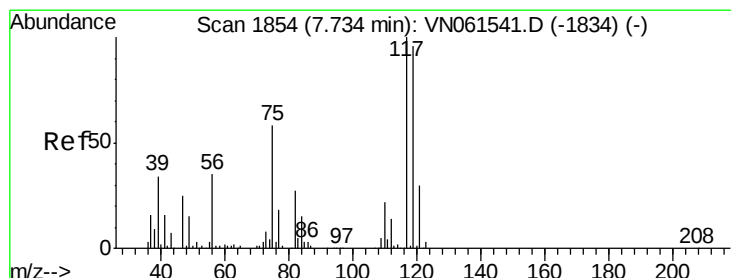
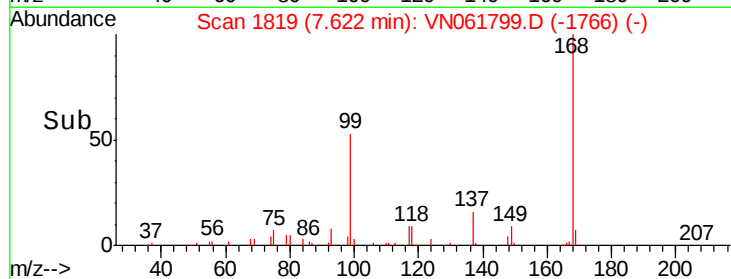
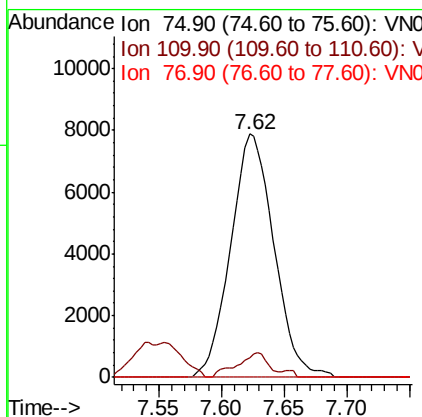
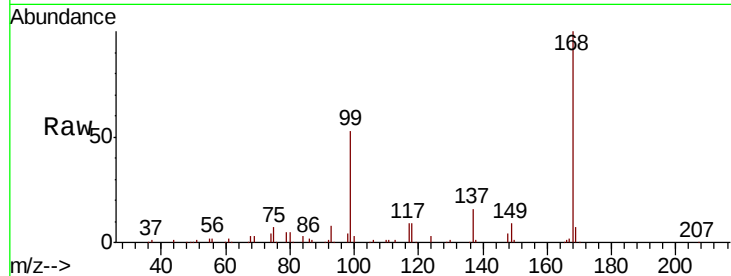




#36
 1,1-Dichloropropene
 Concen: 4.641 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.13 min
 Lab File: VN061799.D
 Acq: 12 Jun 2020 18:20

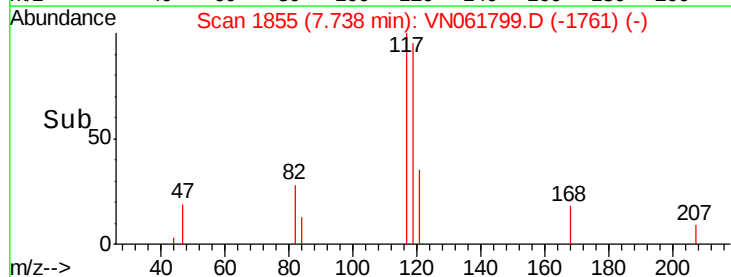
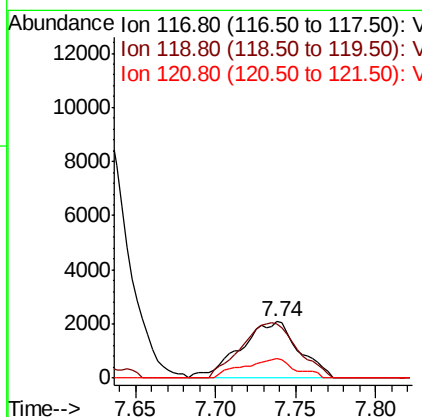
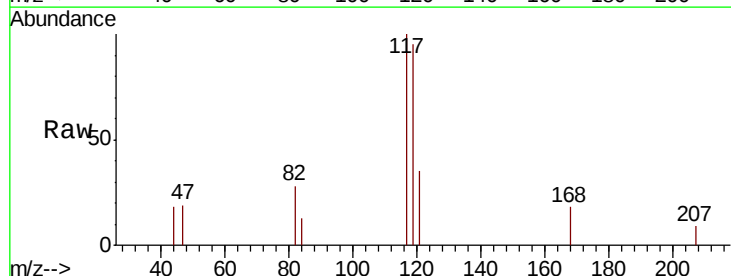
Instrument :
 MSVOA_N
 ClientSampleId :
 REDUP01-20200608

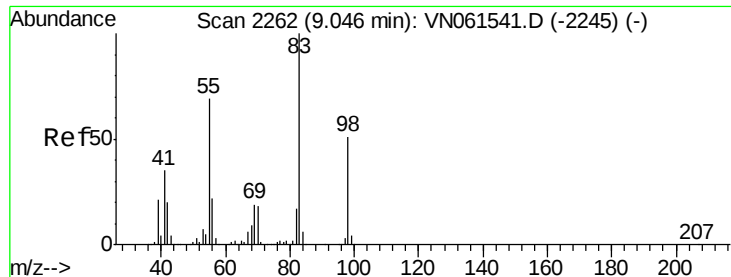
Tot Ion	75	Resp	18918
Ion Ratio	100	Lower	Upper
75	100		
110	7.4	19.5	58.5#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 1.336 ug/l
 RT: 7.74 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VN061799.D
 Acq: 12 Jun 2020 18:20

Tgt Ion	117	Resp	5254
Ion Ratio <th>100</th> <th>Lower</th> <th>Upper</th>	100	Lower	Upper
117	100		
119	95.2	76.5	114.7
121	34.7	24.1	36.1

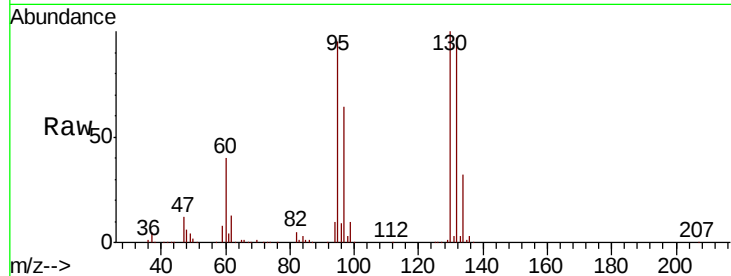




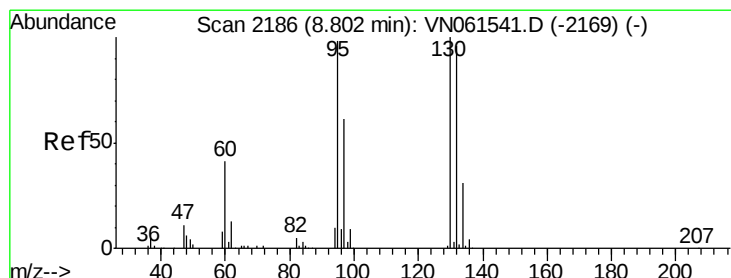
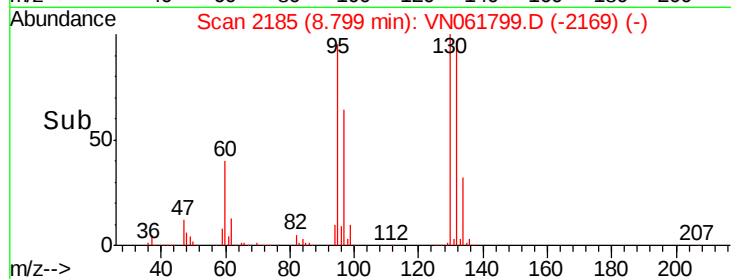
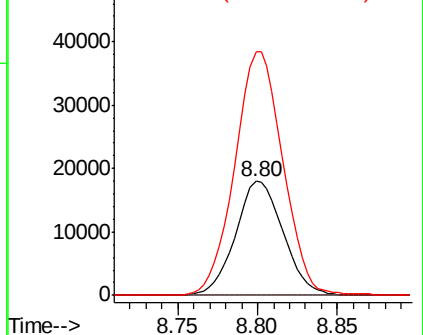
#39
Methylcyclohexane
Concen: 7.288 ug/l
RT: 8.80 min Scan# 2185
Delta R.T. -0.25 min
Lab File: VN061799.D
Acq: 12 Jun 2020 18:20

Instrument :
MSVOA_N
ClientSampleId :
REDUP01-20200608

Tot Ion: 83 Resp: 36618
Ion Ratio Lower Upper
83 100
55 0.0 54.9 82.3#
98 211.6 41.0 61.4#

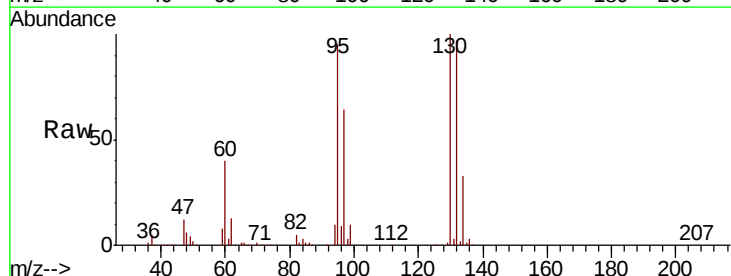


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

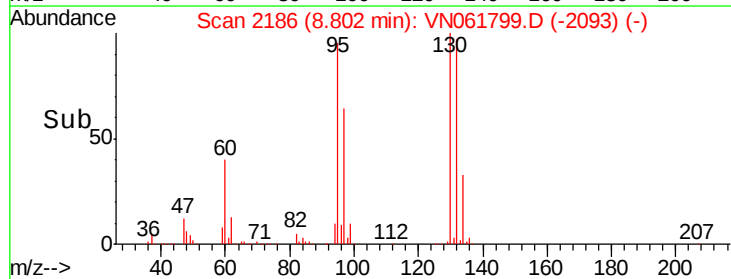
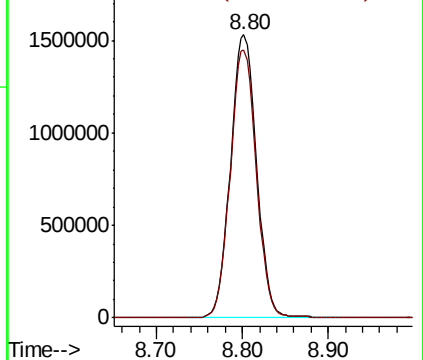


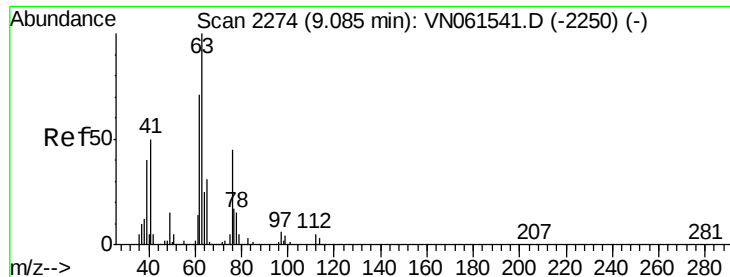
#44
Trichloroethene
Concen: 833.429 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. 0.00 min
Lab File: VN061799.D
Acq: 12 Jun 2020 18:20

Tgt Ion:130 Resp: 3221558
Ion Ratio Lower Upper
130 100
95 94.9 0.0 196.6



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VN0

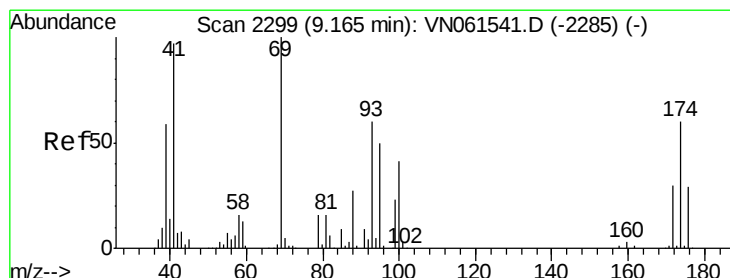
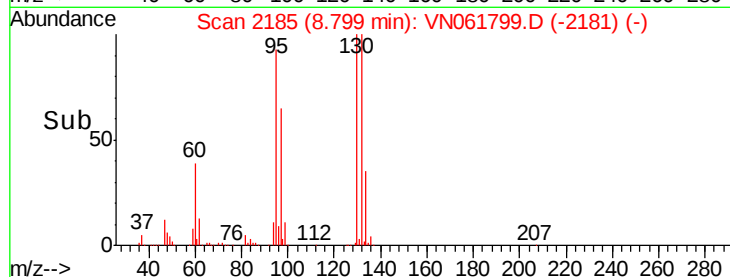
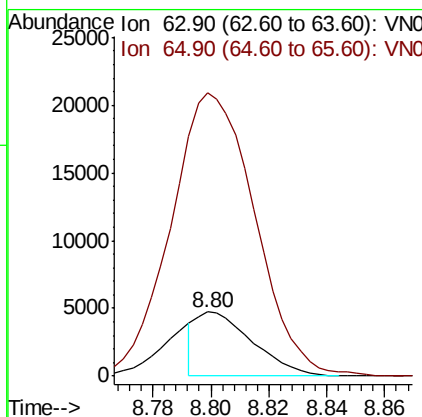
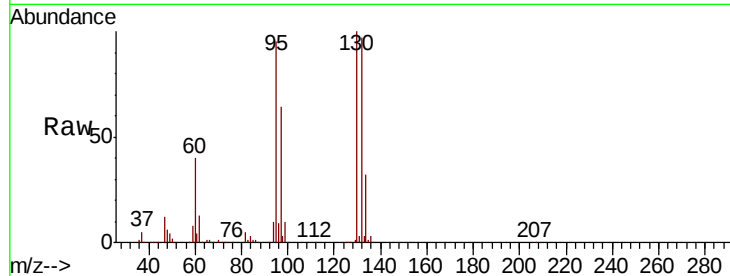




#45
 1,2-Dichloropropane
 Concen: 2.134 ug/l
 RT: 8.80 min Scan# 2185
 Delta R.T. -0.29 min
 Lab File: VN061799.D
 Acq: 12 Jun 2020 18:20

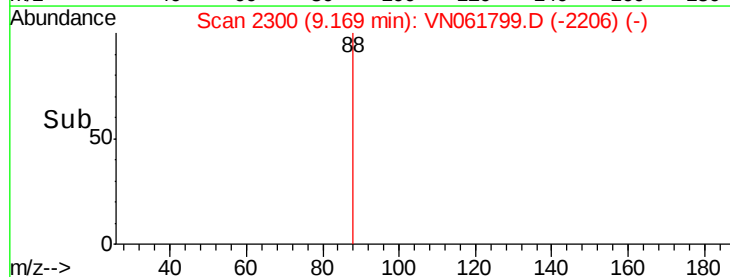
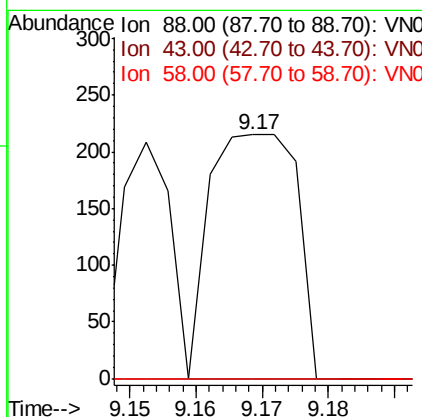
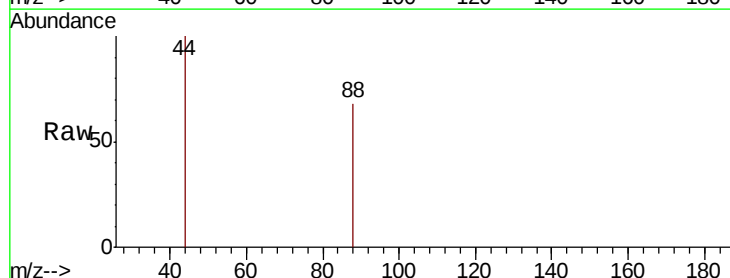
Instrument :
 MSVOA_N
 ClientSampleId :
 REDUP01-20200608

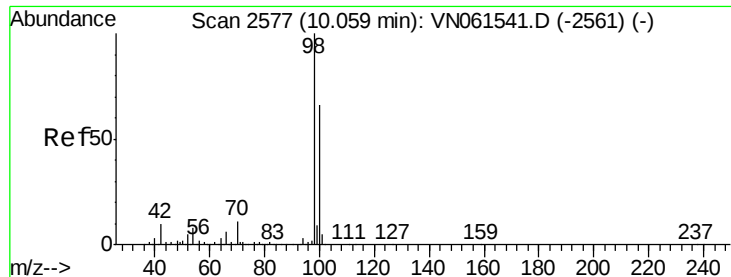
Tot Ion: 63 Resp: 6372
 Ion Ratio Lower Upper
 63 100
 65 434.5 24.7 37.1#



#49
 1,4-Dioxane
 Concen: 4.761 ug/l
 RT: 9.17 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: VN061799.D
 Acq: 12 Jun 2020 18:20

Tgt Ion: 88 Resp: 196
 Ion Ratio Lower Upper
 88 100
 43 0.0 23.1 34.7#
 58 0.0 48.3 72.5#





#50

Toluene-d8

Concen: 52.045 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061799.D

Acq: 12 Jun 2020 18:20

Instrument :

MSVOA_N

ClientSampleId :

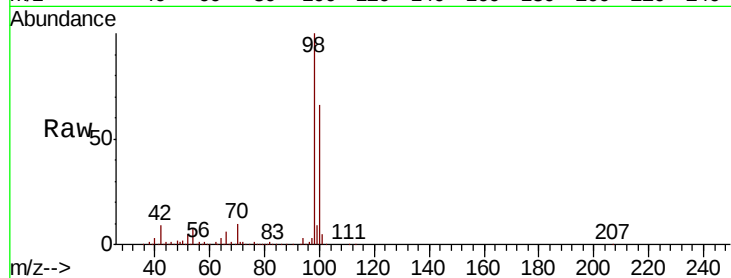
REDUP01-20200608

Tot Ion: 98 Resp: 563382

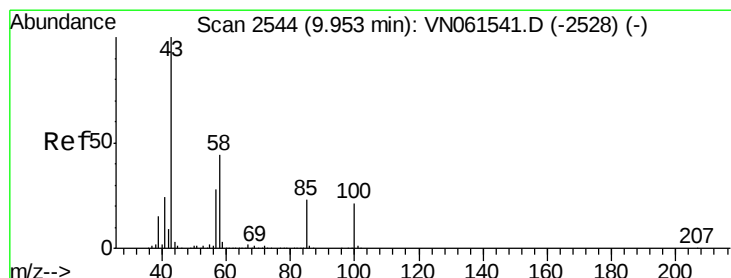
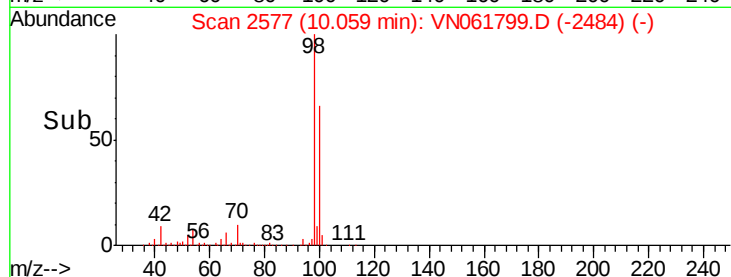
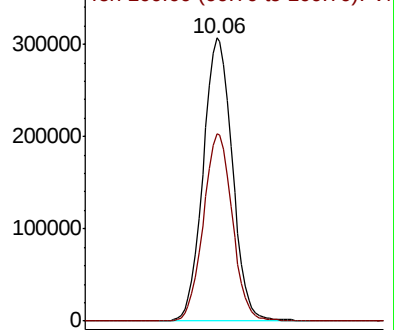
Ion Ratio Lower Upper

98 100

100 65.8 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VN061799.D (-2484) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.661 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.11 min

Lab File: VN061799.D

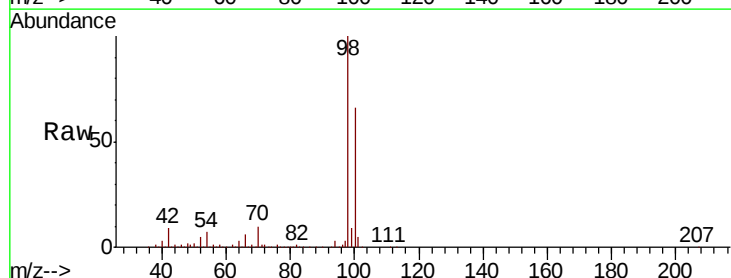
Acq: 12 Jun 2020 18:20

Tgt Ion: 43 Resp: 2201

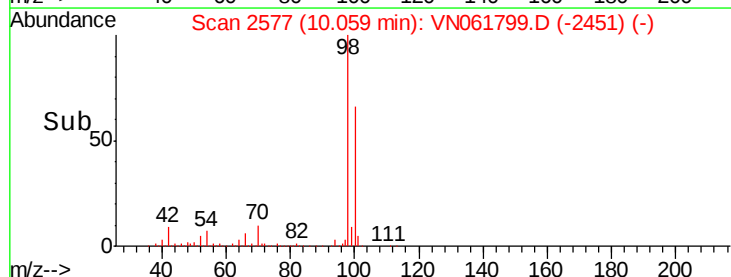
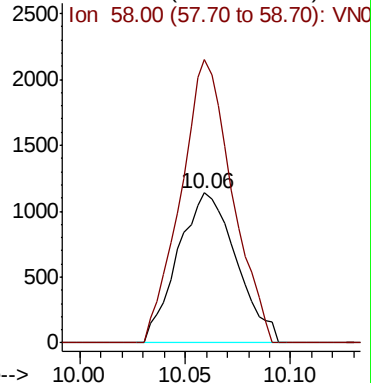
Ion Ratio Lower Upper

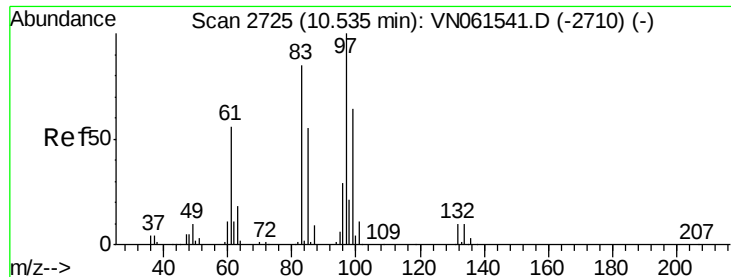
43 100

58 165.5 35.0 52.6#



Abundance Ion 43.00 (42.70 to 43.70): VN061799.D (-2451) (-)





#55

1,1,2-Trichloroethane

Concen: 0.660 ug/l

RT: 10.54 min Scan# 2726

Delta R.T. 0.00 min

Lab File: VN061799.D

Acq: 12 Jun 2020 18:20

Instrument :

MSVOA_N

ClientSampleId :

REDUP01-20200608

Tot Ion: 97 Resp: 2159

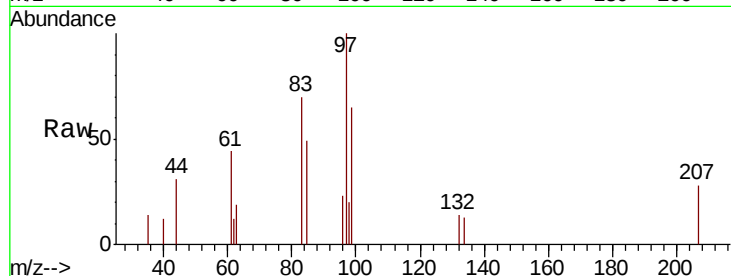
Ion Ratio Lower Upper

97 100

83 70.3 68.1 102.1

85 49.4 44.1 66.1

99 65.0 51.1 76.7



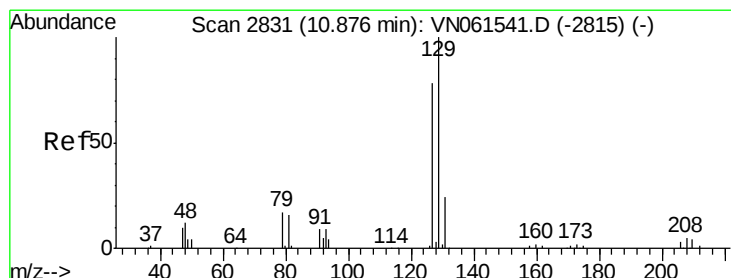
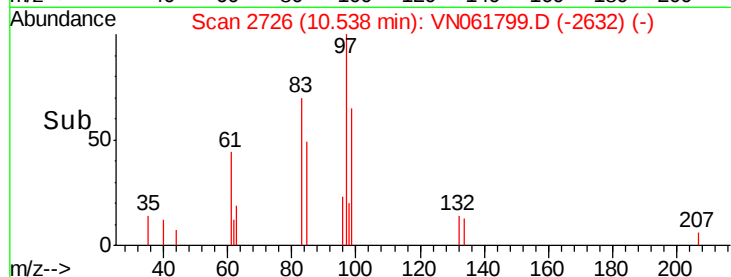
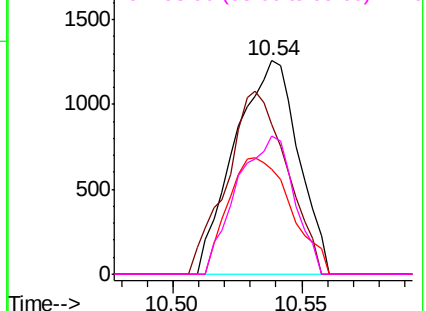
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#60

Dibromochloromethane

Concen: 1.161 ug/l

RT: 10.60 min Scan# 2745

Delta R.T. -0.28 min

Lab File: VN061799.D

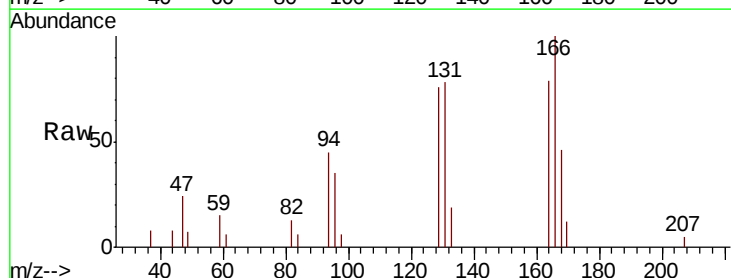
Acq: 12 Jun 2020 18:20

Tgt Ion: 129 Resp: 4316

Ion Ratio Lower Upper

129 100

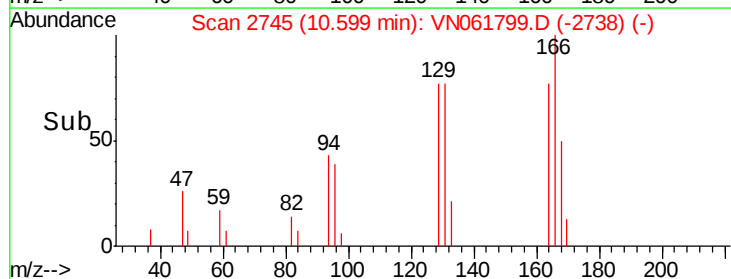
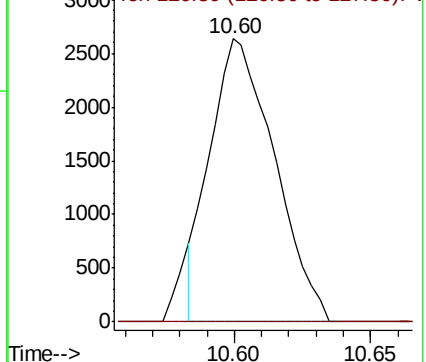
127 0.0 38.8 116.3#

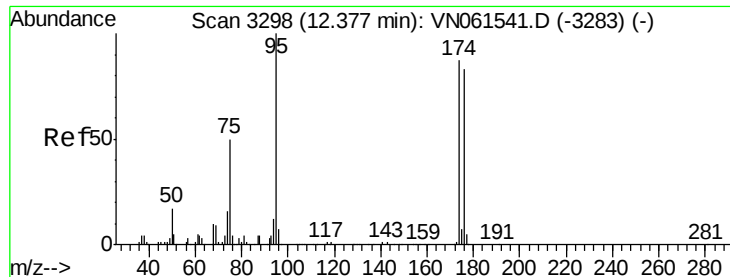


Abundance

Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

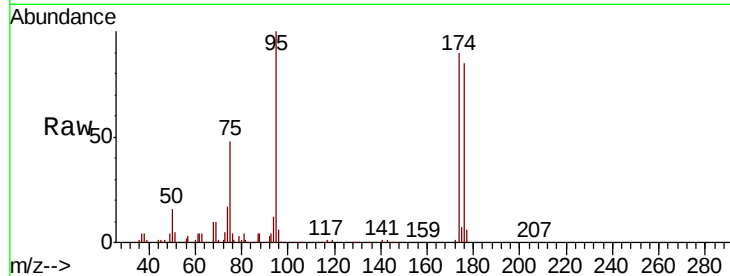




#62
4-Bromofluorobenzene
Concen: 48.065 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN061799.D
Acq: 12 Jun 2020 18:20

Instrument :
MSVOA_N
ClientSampleId :
REDUP01-20200608

Tot Ion	95	Resp	189824
Ion Ratio	Lower	Upper	
95	100		
174	90.7	0.0	172.8
176	85.0	0.0	164.8

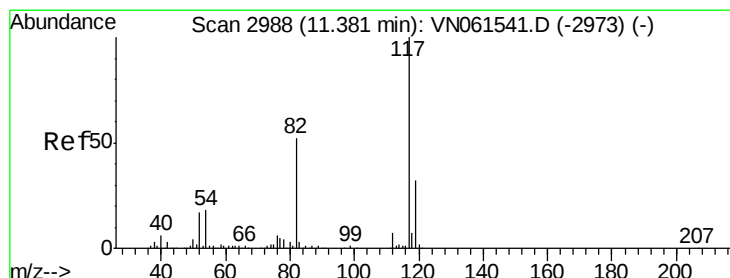
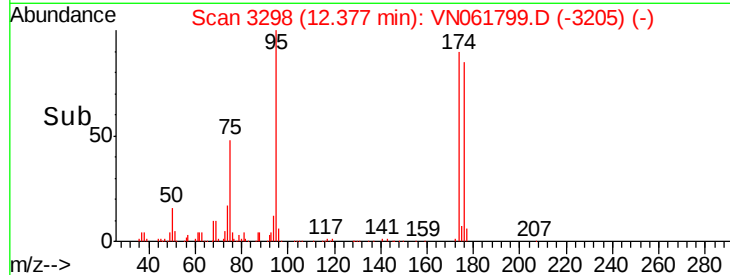
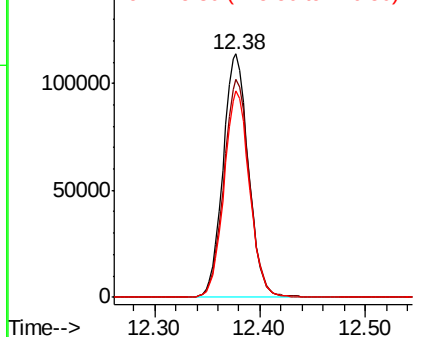


Abundance

Ion 94.90 (94.60 to 95.60): VN061541.D (-3283) (-)

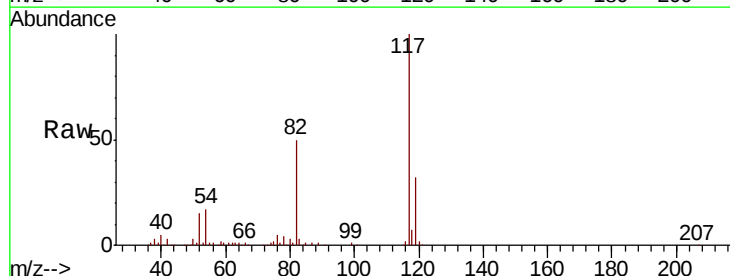
Ion 173.80 (173.50 to 174.50): VN061541.D (-3283) (-)

Ion 175.80 (175.50 to 176.50): VN061541.D (-3283) (-)



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061799.D
Acq: 12 Jun 2020 18:20

Tgt Ion	117	Resp	463730
Ion Ratio	Lower	Upper	
117	100		
82	49.6	41.5	62.3
119	31.8	25.6	38.4

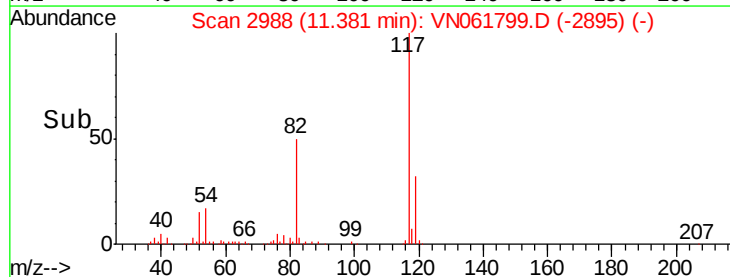
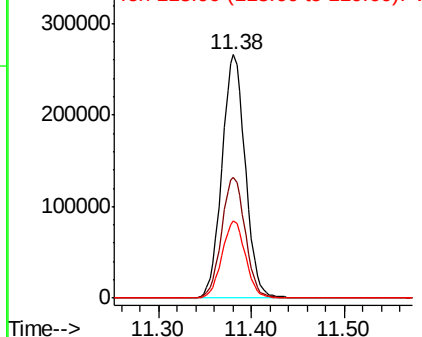


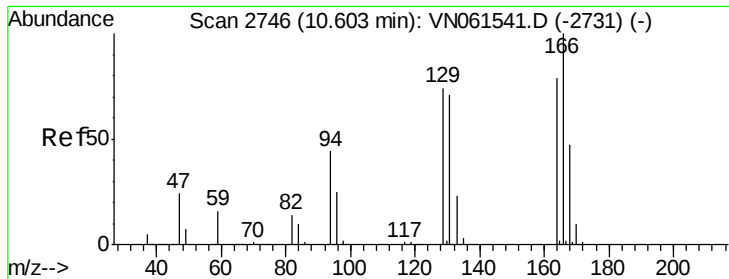
Abundance

Ion 116.90 (116.60 to 117.60): VN061541.D (-2973) (-)

Ion 82.00 (81.70 to 82.70): VN061541.D (-2973) (-)

Ion 118.90 (118.60 to 119.60): VN061541.D (-2973) (-)





#64

Tetrachloroethene

Concen: 1.113 ug/l

RT: 10.60 min Scan# 2746

Delta R.T. 0.00 min

Lab File: VN061799.D

Acq: 12 Jun 2020 18:20

Instrument :

MSVOA_N

ClientSampleId :

REDUP01-20200608

Tot Ion:164 Resp: 4858

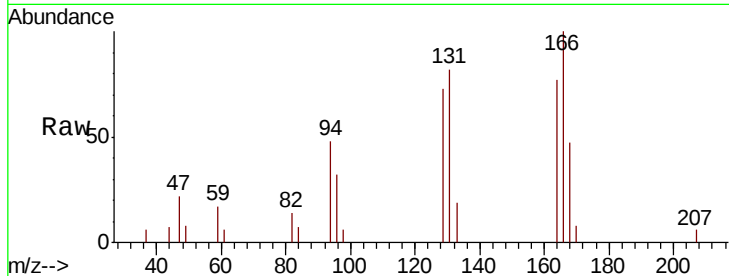
Ion Ratio Lower Upper

164 100

166 124.2 101.5 152.3

129 94.3 74.9 112.3

131 106.6 72.2 108.2

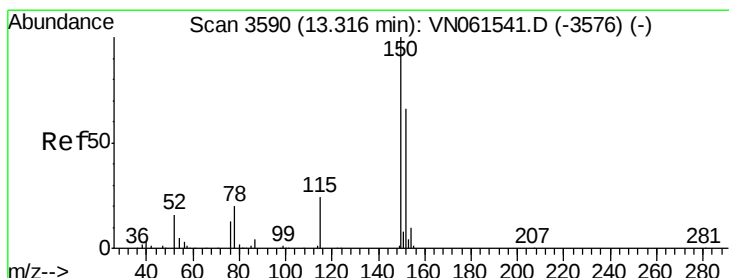
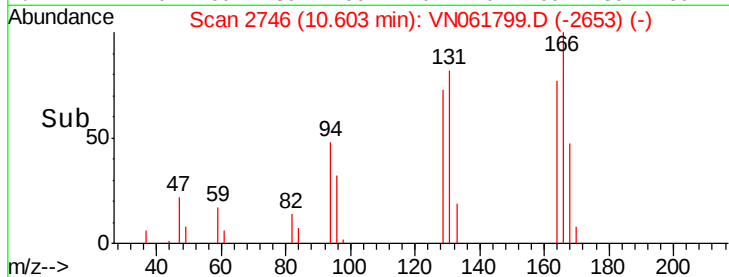
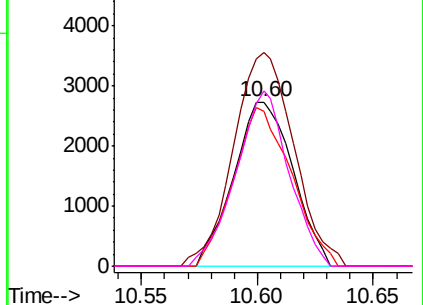


Abundance Ion 163.80 (163.50 to 164.50): V

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: VN061799.D

Acq: 12 Jun 2020 18:20

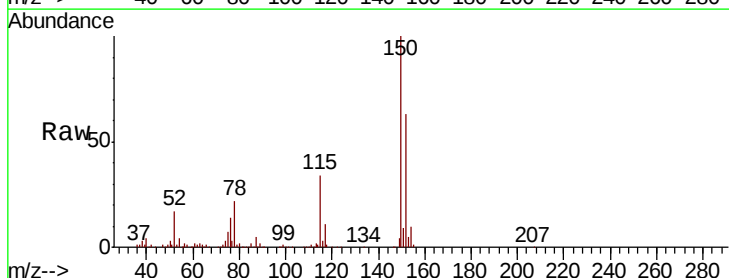
Tgt Ion:152 Resp: 201882

Ion Ratio Lower Upper

152 100

115 55.3 28.0 84.0

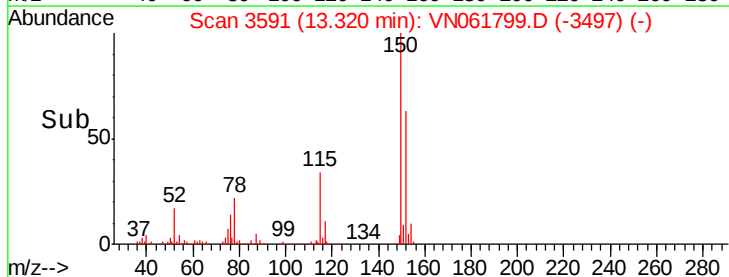
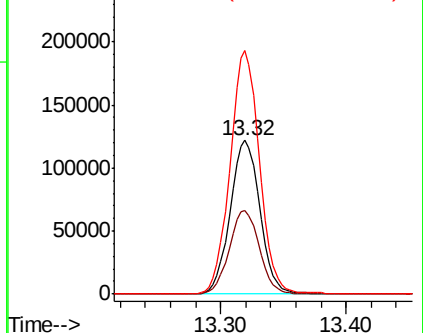
150 155.9 0.0 344.0

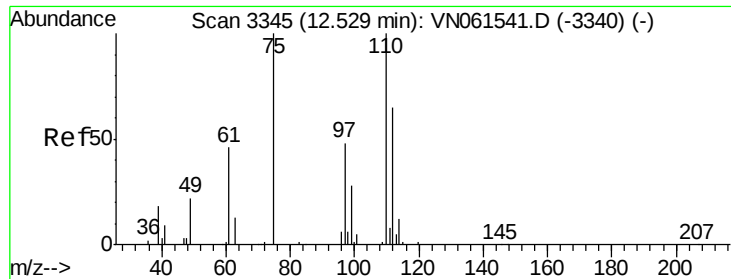


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 24.919 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN061799.D

Acq: 12 Jun 2020 18:20

Instrument :

MSVOA_N

ClientSampleId :

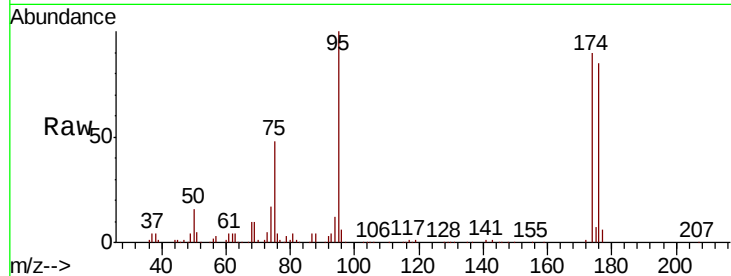
REDUP01-20200608

Tot Ion: 75 Resp: 91477

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN061799.D (-3298) (-)

Ion 77.00 (76.70 to 77.70): VN061799.D (-3298) (-)

12.38

60000

50000

40000

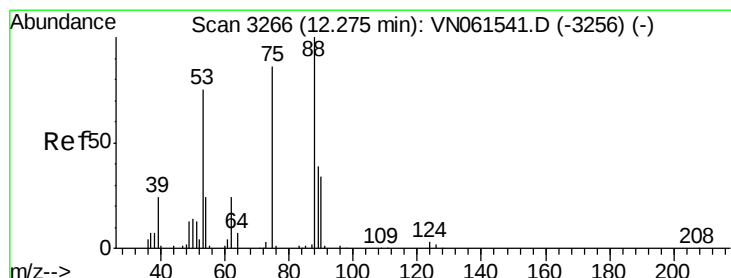
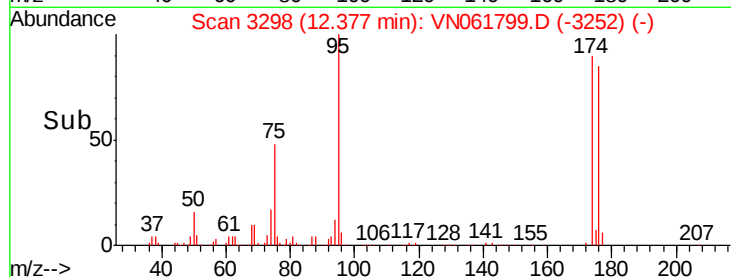
30000

20000

10000

0

Time--> 12.30 12.35 12.40 12.45



#81

trans-1,4-Dichloro-2-butene

Concen: 63.724 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN061799.D

Acq: 12 Jun 2020 18:20

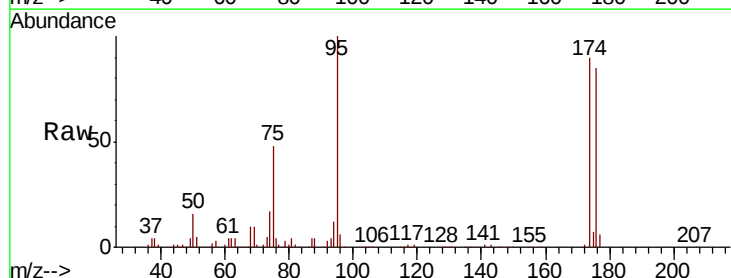
Tgt Ion: 75 Resp: 91477

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): VN061799.D (-3298) (-)

Ion 53.00 (52.70 to 53.70): VN061799.D (-3298) (-)

Ion 88.90 (88.60 to 89.60): VN061799.D (-3298) (-)

12.38

60000

40000

20000

0

Time--> 12.30 12.35 12.40 12.45

