

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061220\
 Data File : VN061800.D
 Acq On : 12 Jun 2020 18:44
 Operator : JC/MD
 Sample : L2989-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 REDUP02-20200609

Quant Time: Jun 13 05:14:31 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	259125	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	438206	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	431781	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	189605	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	149418	48.40	ug/l	0.00
Spiked Amount			Recovery	=	96.80%	
35) Dibromofluoromethane	7.55	113	129869	58.42	ug/l	0.00
Spiked Amount			Recovery	=	116.84%	
50) Toluene-d8	10.06	98	534356	51.87	ug/l	0.00
Spiked Amount			Recovery	=	103.74%	
62) 4-Bromofluorobenzene	12.38	95	178243	47.43	ug/l	0.00
Spiked Amount			Recovery	=	94.86%	

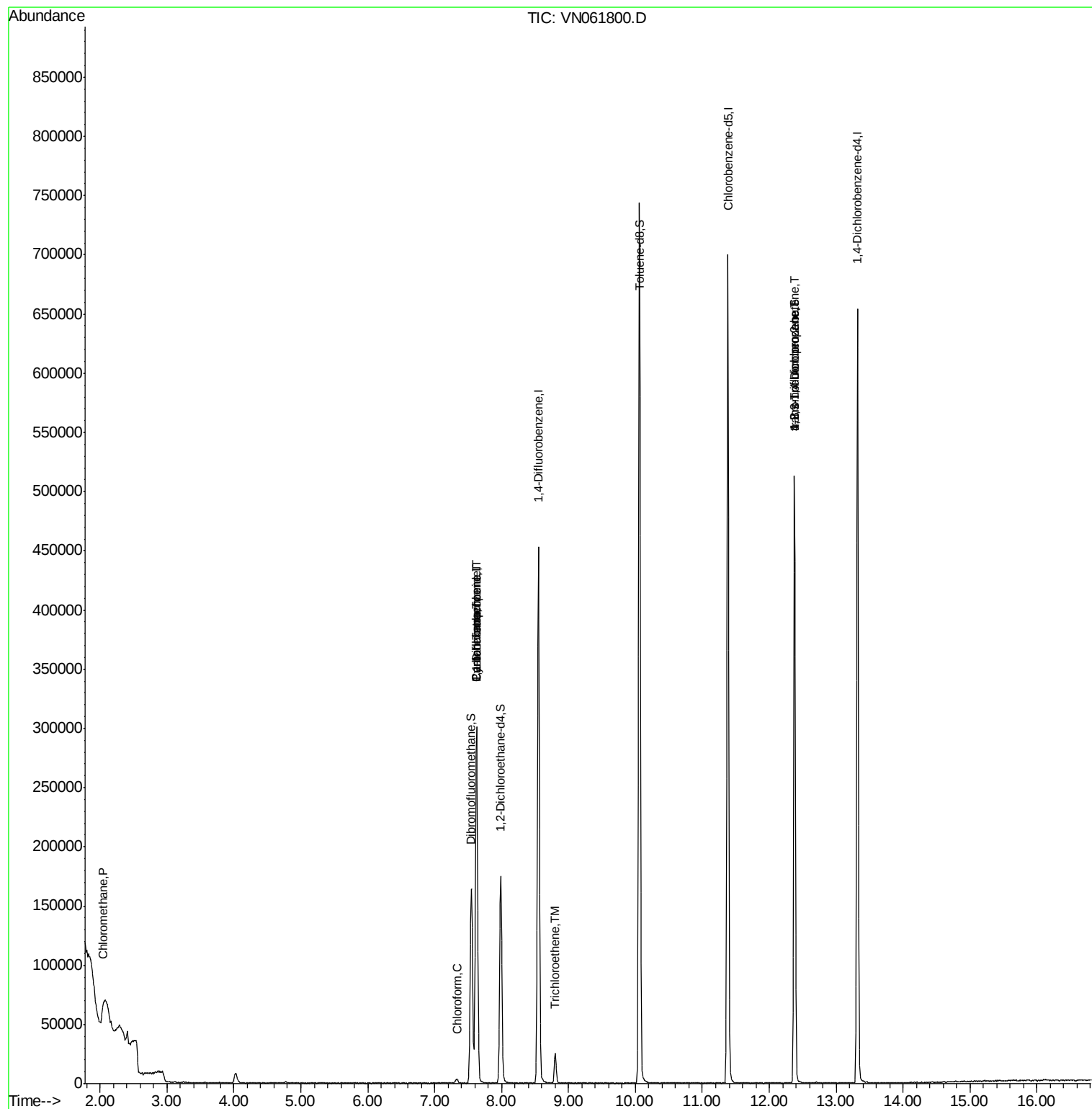
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	669	0.212	ug/l #	41
16) Acetone	3.79	43	859	Below Cal	#	41
28) Bromochloromethane	7.34	49	155	Below Cal	#	3
30) Chloroform	7.32	83	4685	0.875	ug/l	94
31) Cyclohexane	7.62	56	4326	0.994	ug/l #	1
36) 1,1-Dichloropropene	7.63	75	17694	4.561	ug/l #	49
38) Carbon Tetrachloride	7.63	117	24389	6.518	ug/l #	17
44) Trichloroethene	8.80	130	10267	2.791	ug/l	95
76) 1,2,3-Trichloropropane	12.38	75	85491	24.796	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	85491	63.410	ug/l #	15

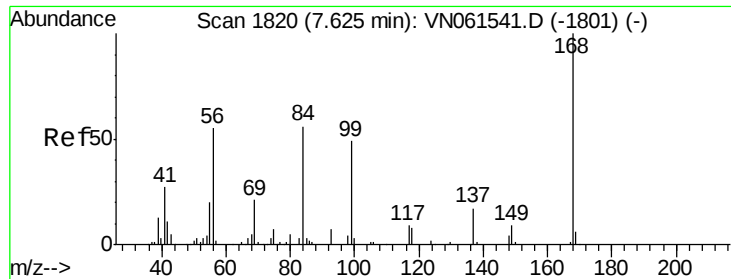
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061220\
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Quant Time: Jun 13 05:14:31 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
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: VN061800.D

Acq: 12 Jun 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

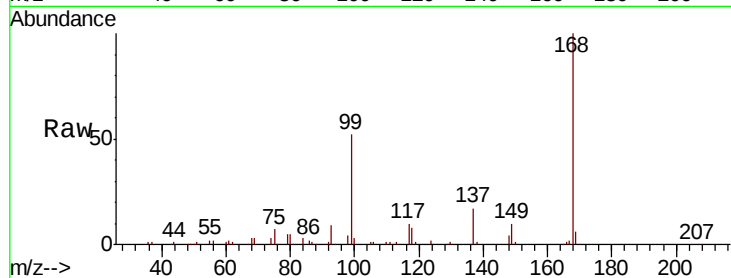
REDUP02-20200609

Tot Ion:168 Resp: 259125

Ion Ratio Lower Upper

168 100

99 52.3 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

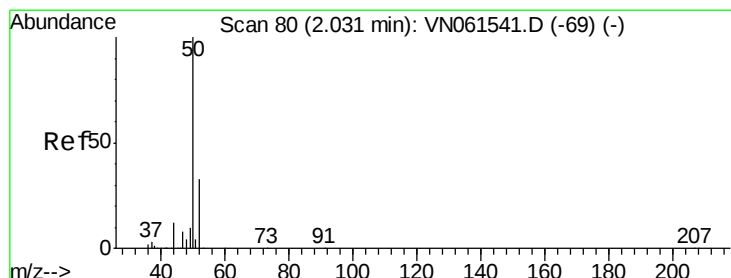
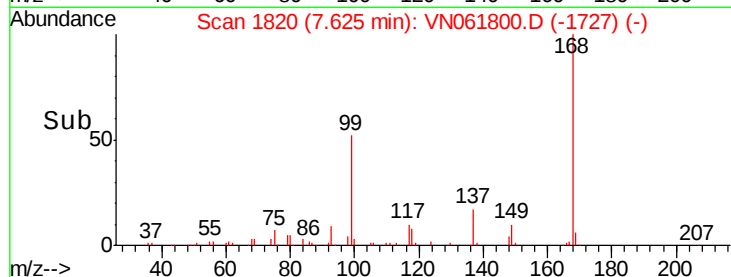
60000

40000

20000

0

Time--> 7.50 7.60 7.70 7.80



#3

Chloromethane

Concen: 0.212 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.01 min

Lab File: VN061800.D

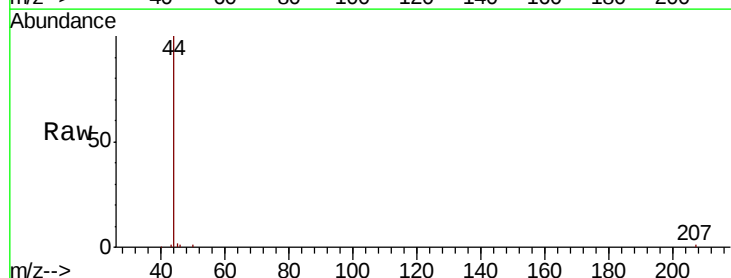
Acq: 12 Jun 2020 18:44

Tgt Ion: 50 Resp: 669

Ion Ratio Lower Upper

50 100

52 0.0 26.7 40.1#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.04

600

500

400

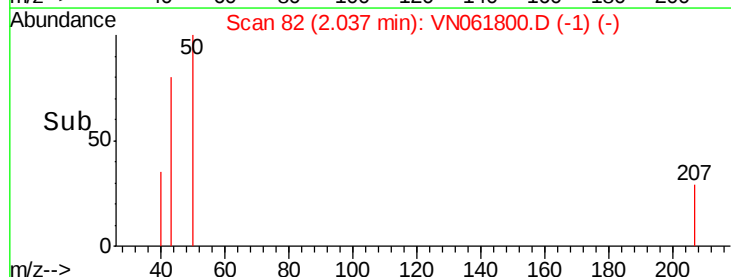
300

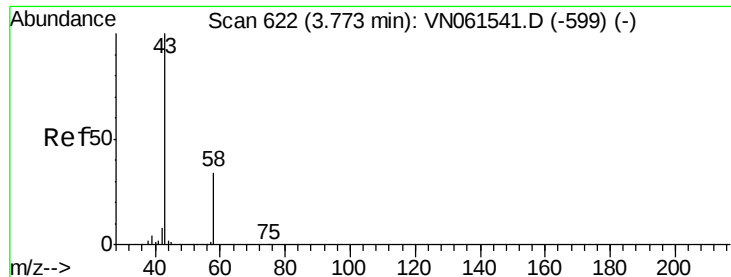
200

100

0

Time--> 2.00 2.02 2.04 2.06 2.08





#16

Acetone

Concen: Below Cal

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN061800.D

Acq: 12 Jun 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

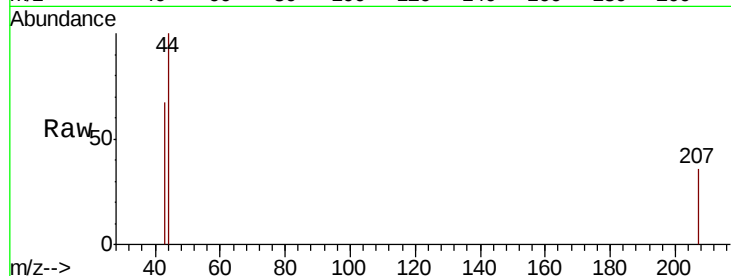
REDUP02-20200609

Tot Ion: 43 Resp: 859

Ion Ratio Lower Upper

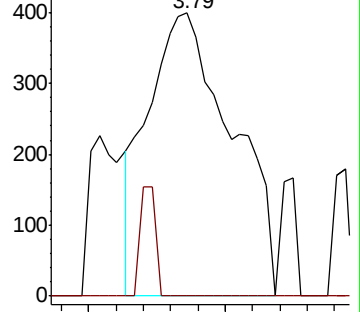
43 100

58 0.0 27.2 40.8#

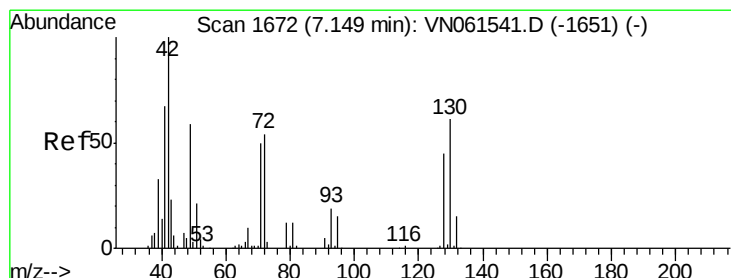
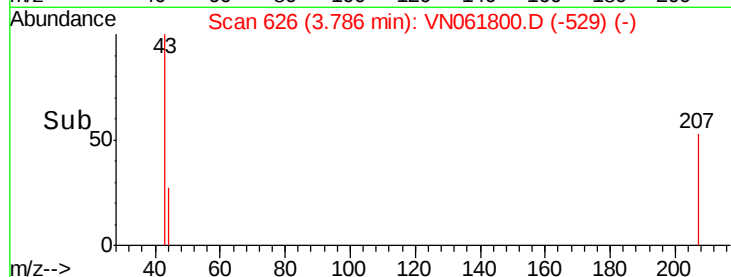


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time-->



#28

Bromochloromethane

Concen: Below Cal

RT: 7.34 min Scan# 1730

Delta R.T. 0.19 min

Lab File: VN061800.D

Acq: 12 Jun 2020 18:44

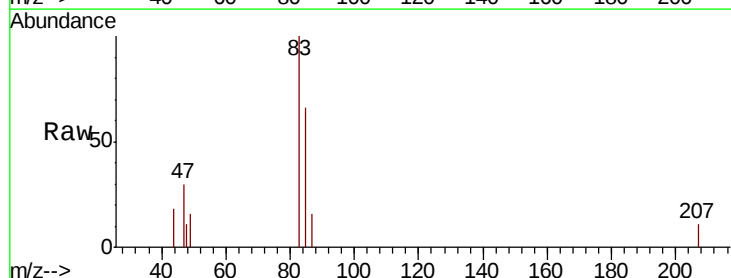
Tgt Ion: 49 Resp: 155

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.8

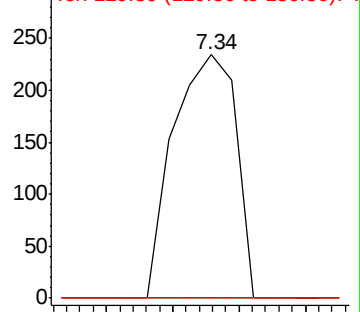
130 0.0 78.8 118.2#



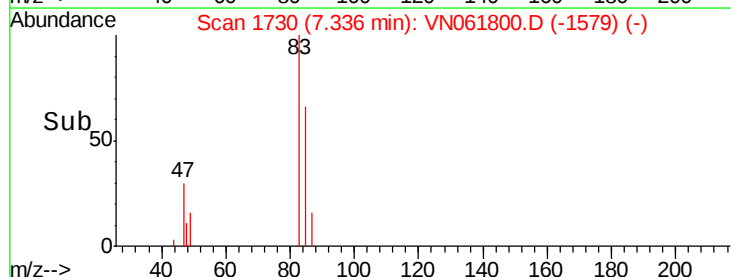
Abundance Ion 48.90 (48.60 to 49.60): VN0

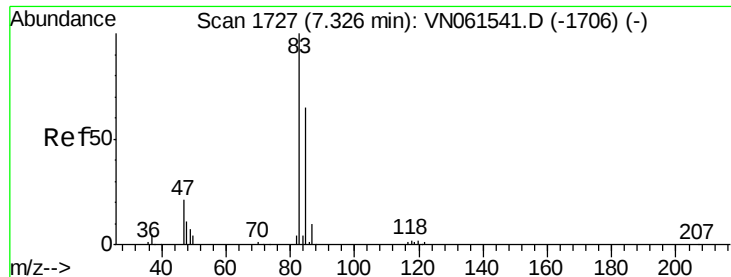
Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



Time-->

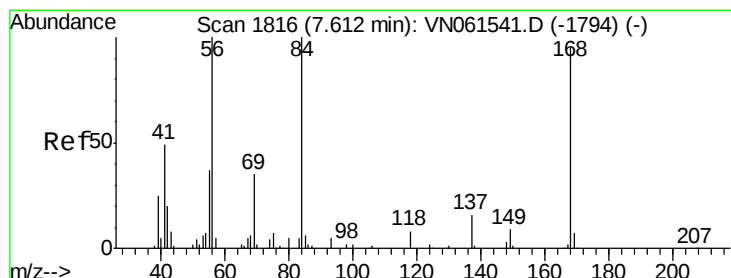
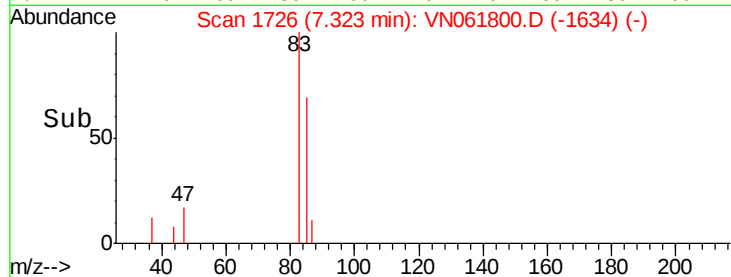
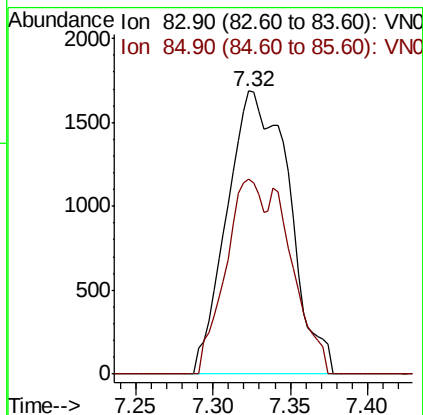
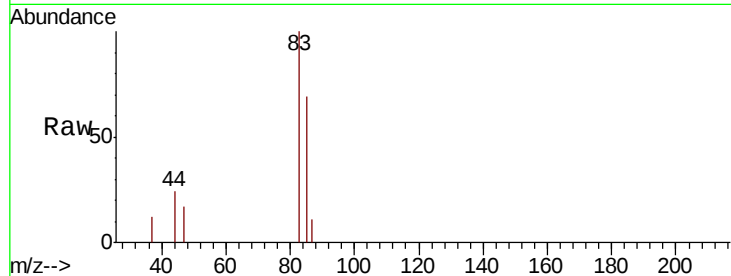




#30
Chloroform
Concen: 0.875 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.00 min
Lab File: VN061800.D
Acq: 12 Jun 2020 18:44

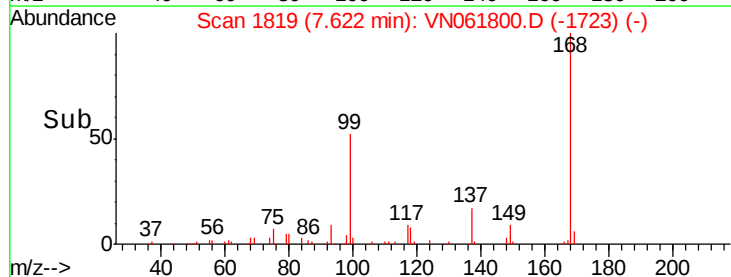
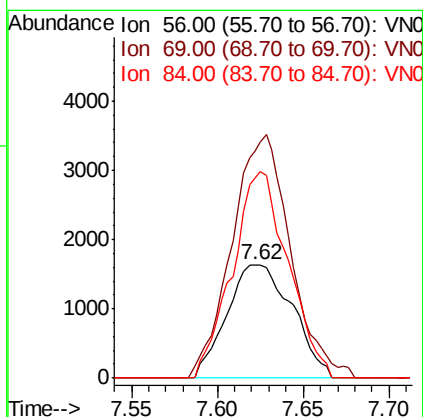
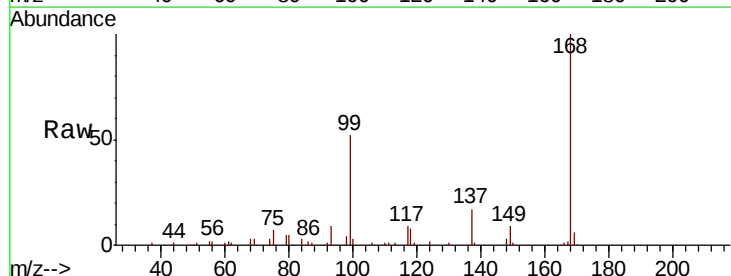
Instrument :
MSVOA_N
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REDUP02-20200609

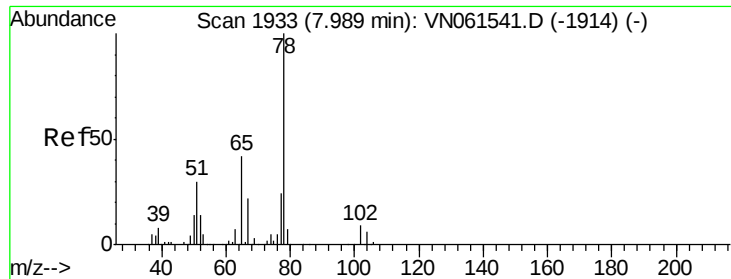
Tot Ion: 83 Resp: 4685
Ion Ratio Lower Upper
83 100
85 69.1 51.7 77.5



#31
Cyclohexane
Concen: 0.994 ug/l
RT: 7.62 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VN061800.D
Acq: 12 Jun 2020 18:44

Tgt Ion: 56 Resp: 4326
Ion Ratio Lower Upper
56 100
69 199.6 27.8 41.8#
84 176.3 79.9 119.9#

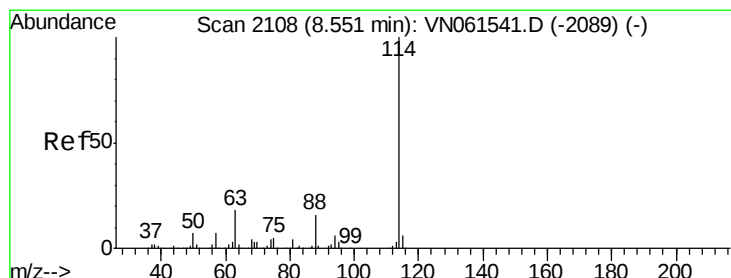
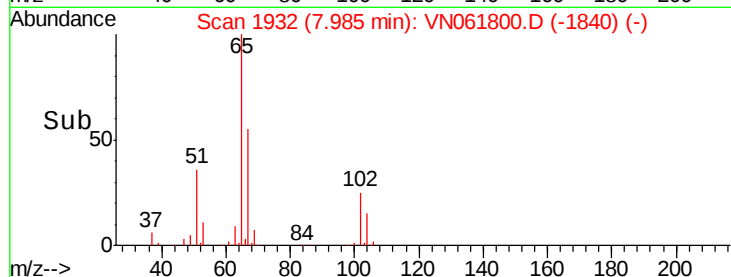
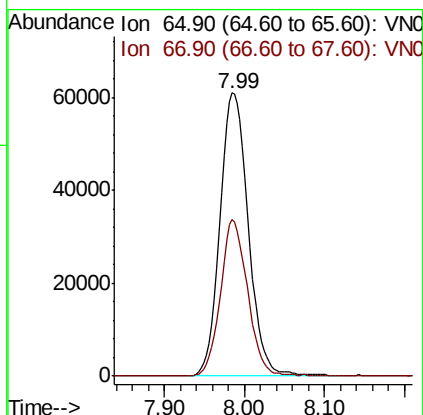
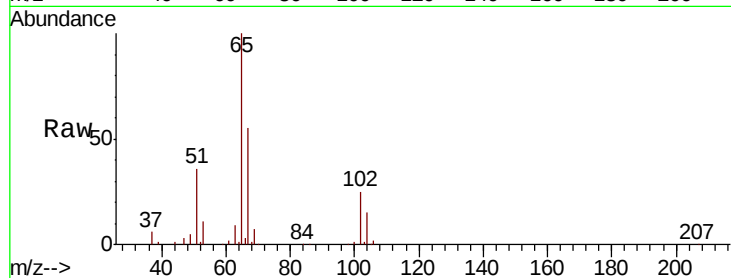




#33
 1,2-Dichloroethane-d4
 Concen: 48.397 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN061800.D
 Acq: 12 Jun 2020 18:44

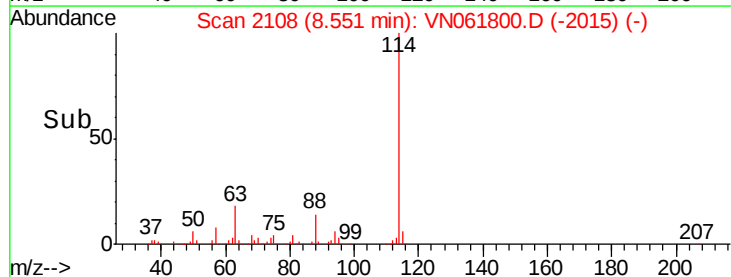
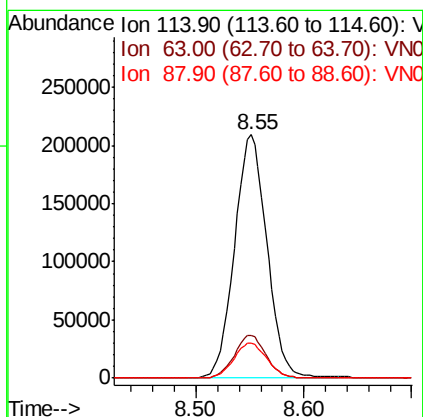
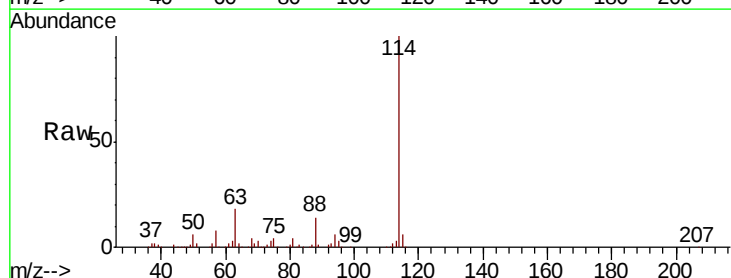
Instrument :
 MSVOA_N
 ClientSampleId :
 REDUP02-20200609

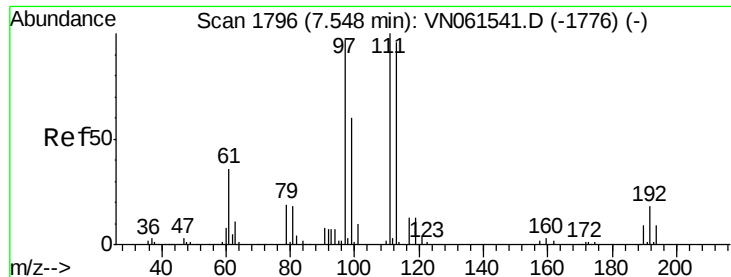
Tot Ion: 65 Resp: 149418
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061800.D
 Acq: 12 Jun 2020 18:44

Tgt Ion: 114 Resp: 438206
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 35.8
 88 14.2 0.0 31.0

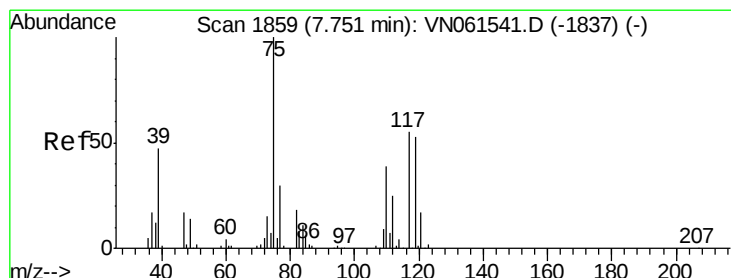
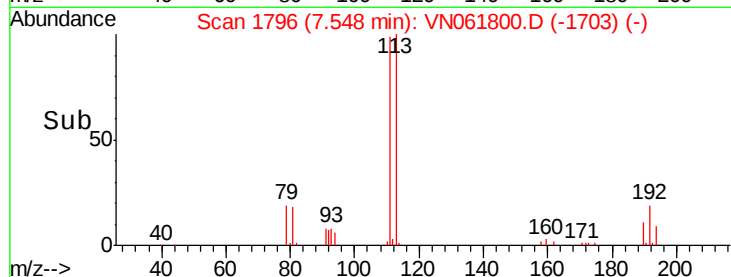
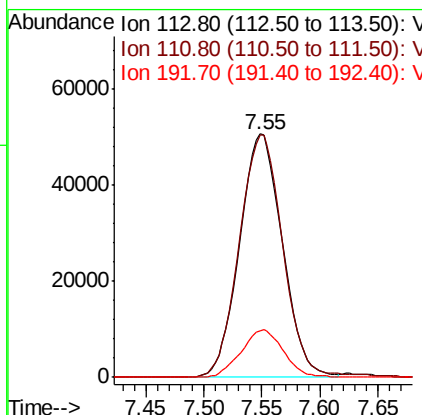
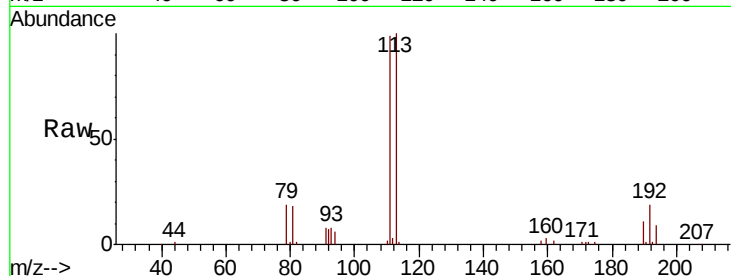




#35
 Dibromofluoromethane
 Concen: 58.422 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN061800.D
 Acq: 12 Jun 2020 18:44

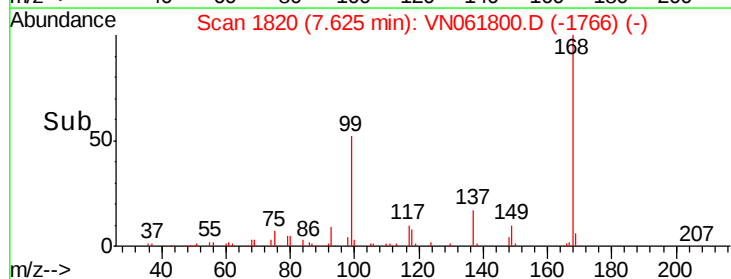
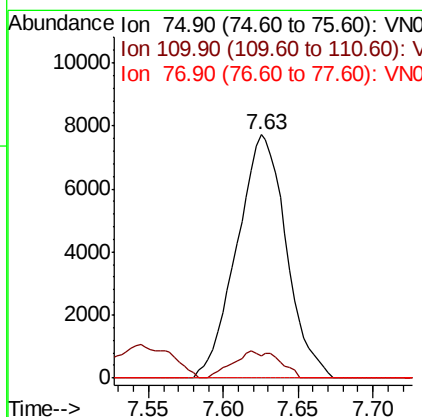
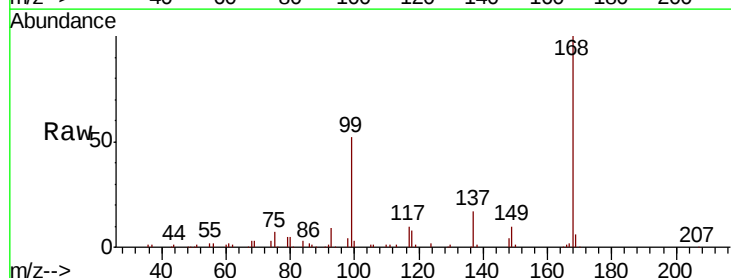
Instrument :
 MSVOA_N
 ClientSampleId :
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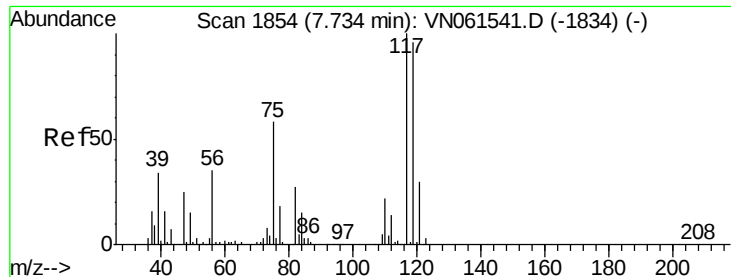
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	83.4	125.0
192	19.3	15.4	23.2



#36
 1,1-Dichloropropene
 Concen: 4.561 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN061800.D
 Acq: 12 Jun 2020 18:44

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.4	19.5	58.5#
77	0.0	24.7	37.1#





#38

Carbon Tetrachloride

Concen: 6.518 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.11 min

Lab File: VN061800.D

Acq: 12 Jun 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

REDUP02-20200609

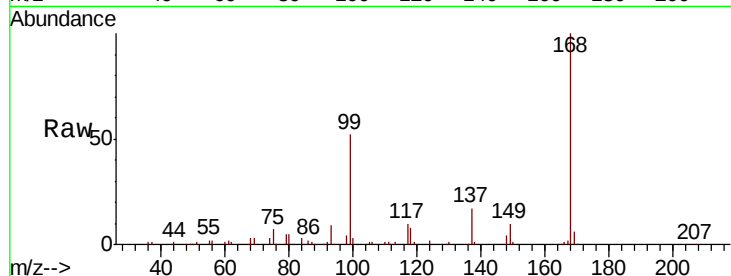
Tot Ion:117 Resp: 24389

Ion Ratio Lower Upper

117 100

119 6.1 76.5 114.7#

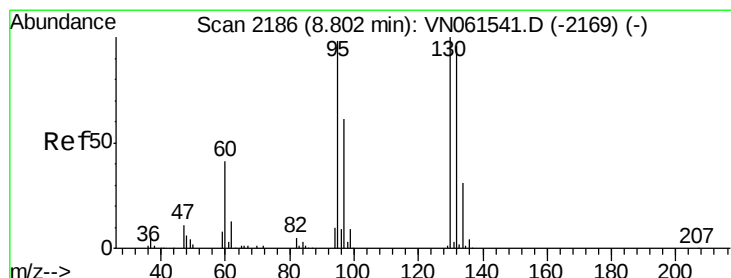
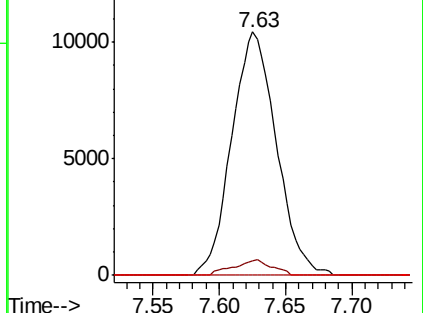
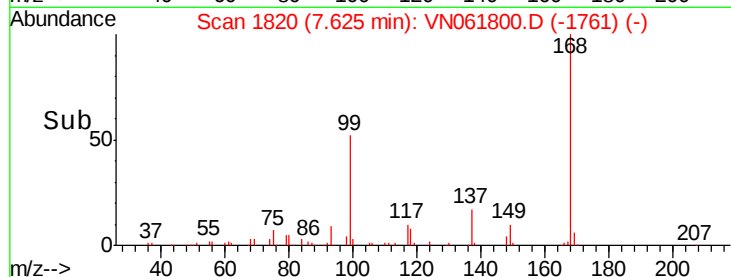
121 0.0 24.1 36.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#44

Trichloroethene

Concen: 2.791 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN061800.D

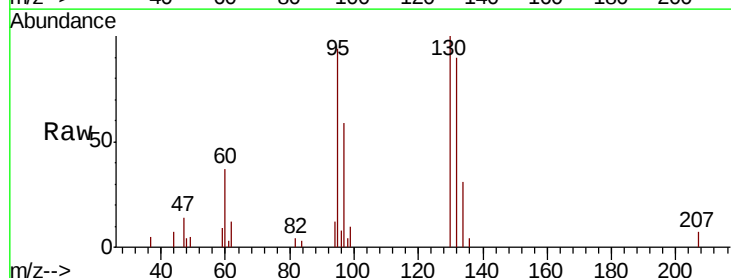
Acq: 12 Jun 2020 18:44

Tgt Ion:130 Resp: 10267

Ion Ratio Lower Upper

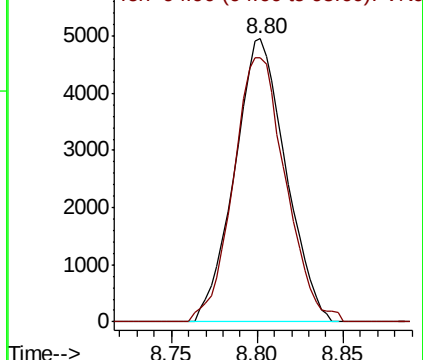
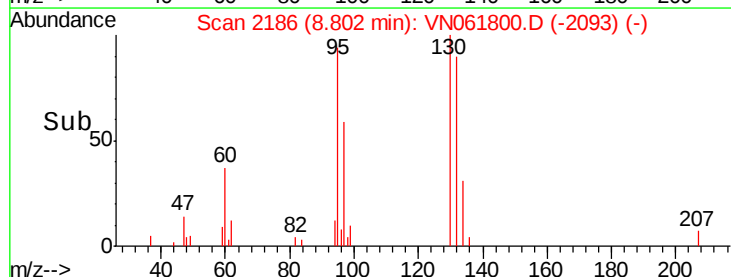
130 100

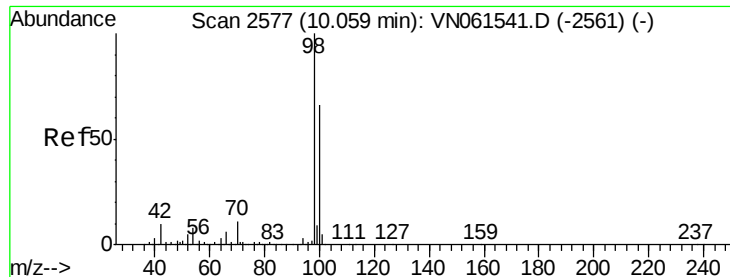
95 93.6 0.0 196.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 51.872 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061800.D

Acq: 12 Jun 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

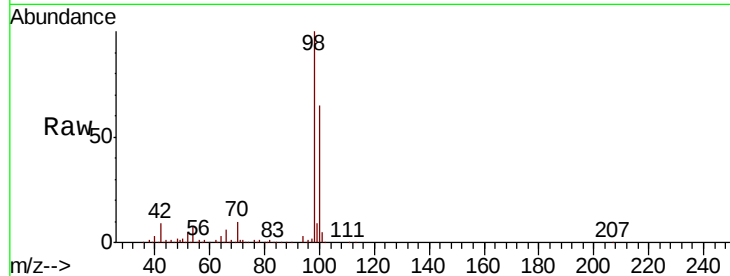
REDUP02-20200609

Tot Ion: 98 Resp: 534356

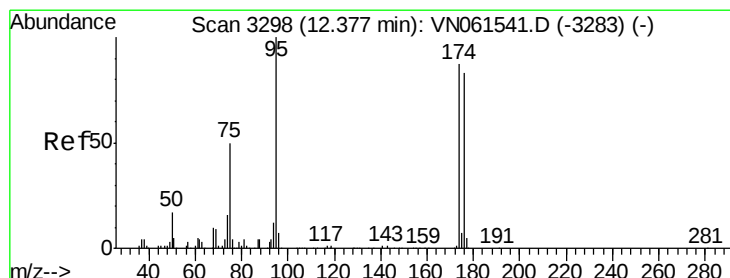
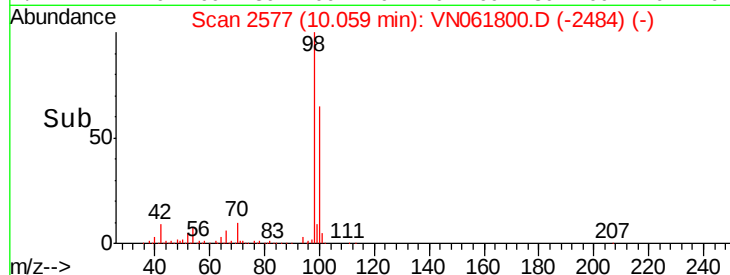
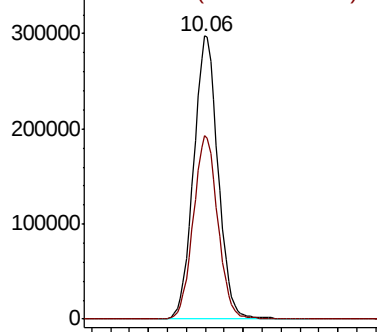
Ion Ratio Lower Upper

98 100

100 65.2 52.8 79.2



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



#62

4-Bromofluorobenzene

Concen: 47.426 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN061800.D

Acq: 12 Jun 2020 18:44

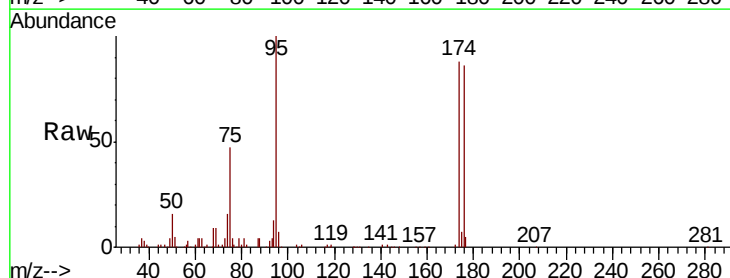
Tgt Ion: 95 Resp: 178243

Ion Ratio Lower Upper

95 100

174 89.1 0.0 172.8

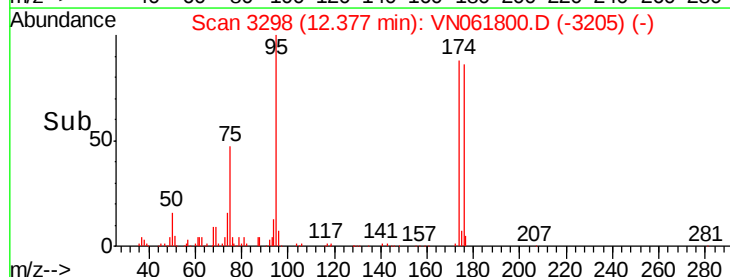
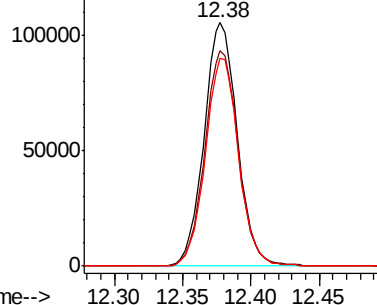
176 85.2 0.0 164.8

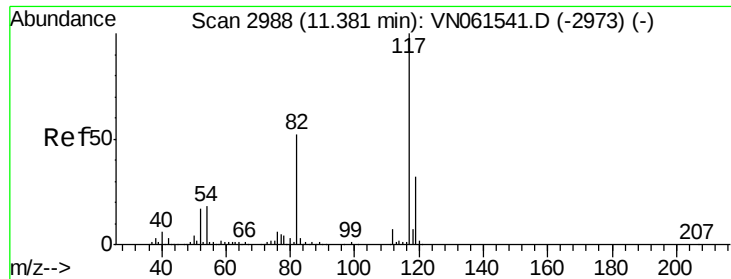


Abundance Ion 94.90 (94.60 to 95.60): VN061541.D (-3283) (-)

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: VN061800.D

Acq: 12 Jun 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

REDUP02-20200609

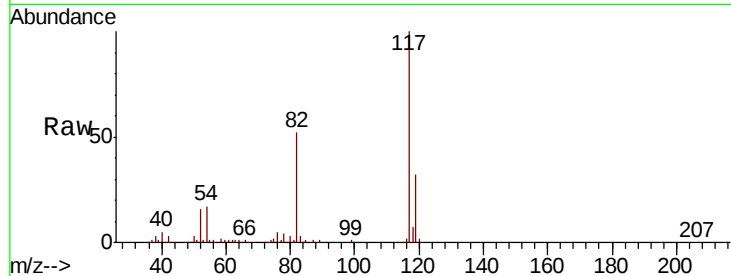
Tot Ion:117 Resp: 431781

Ion Ratio Lower Upper

117 100

82 51.7 41.5 62.3

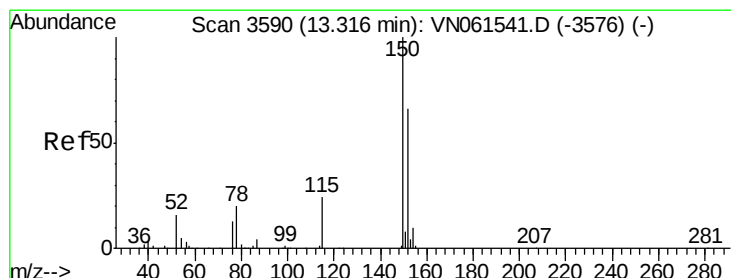
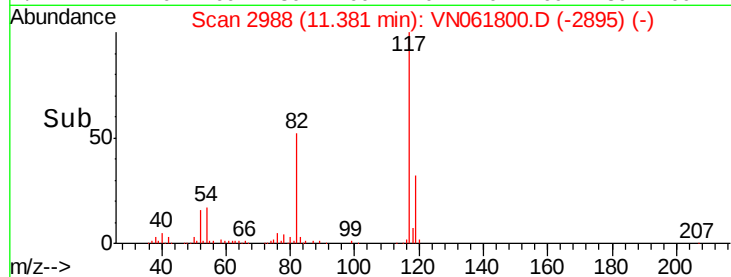
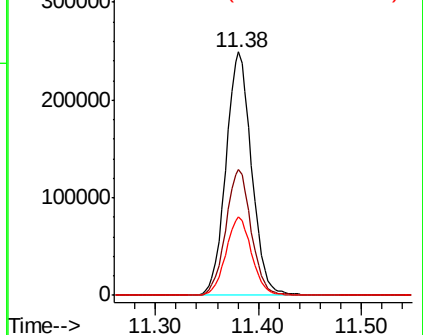
119 32.3 25.6 38.4



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061800.D

Acq: 12 Jun 2020 18:44

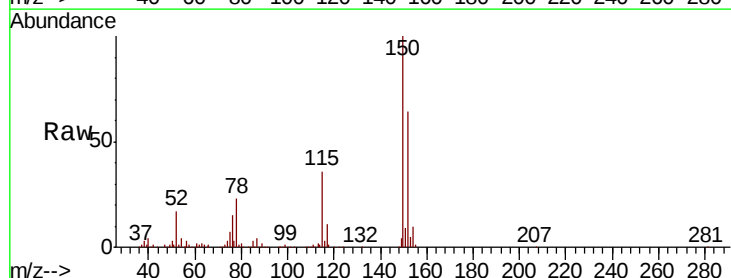
Tgt Ion:152 Resp: 189605

Ion Ratio Lower Upper

152 100

115 55.4 28.0 84.0

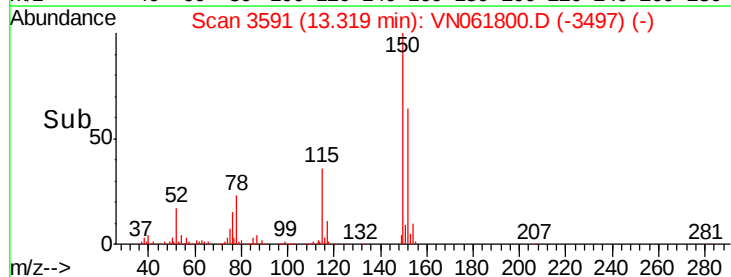
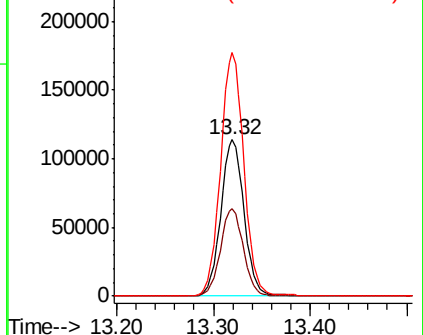
150 156.2 0.0 344.0

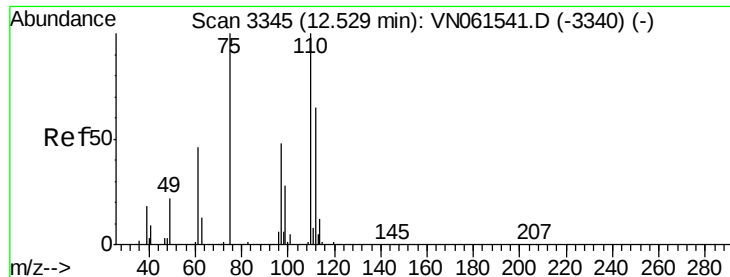


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 24.796 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN061800.D

Acq: 12 Jun 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

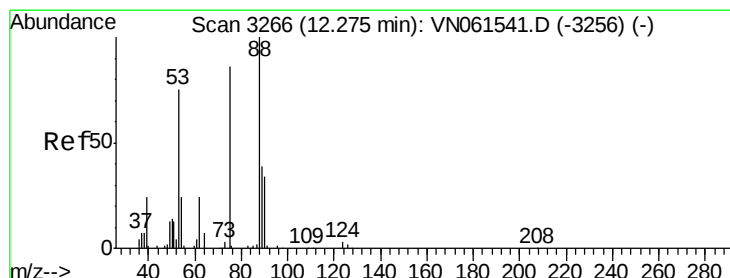
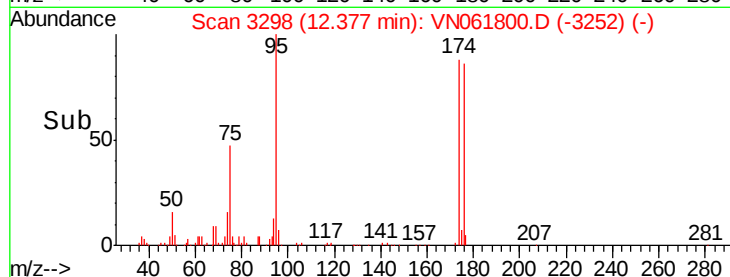
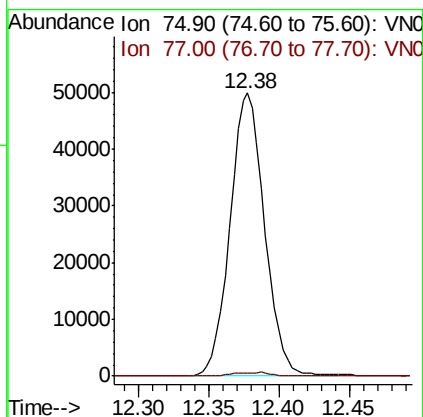
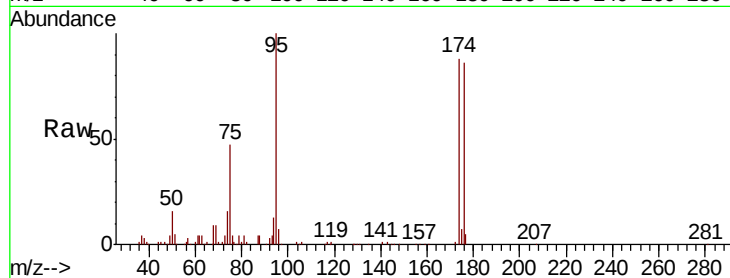
REDUP02-20200609

Tot Ion: 75 Resp: 85491

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.410 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN061800.D

Acq: 12 Jun 2020 18:44

Tgt Ion: 75 Resp: 85491

Ion Ratio Lower Upper

75 100

53 0.0 67.8 101.8#

89 0.0 37.1 55.7#

