

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081420\
 Data File : VN062960.D
 Acq On : 15 Aug 2020 2:11
 Operator : JC/MD
 Sample : L3659-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP1-3

Quant Time: Aug 17 10:27:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

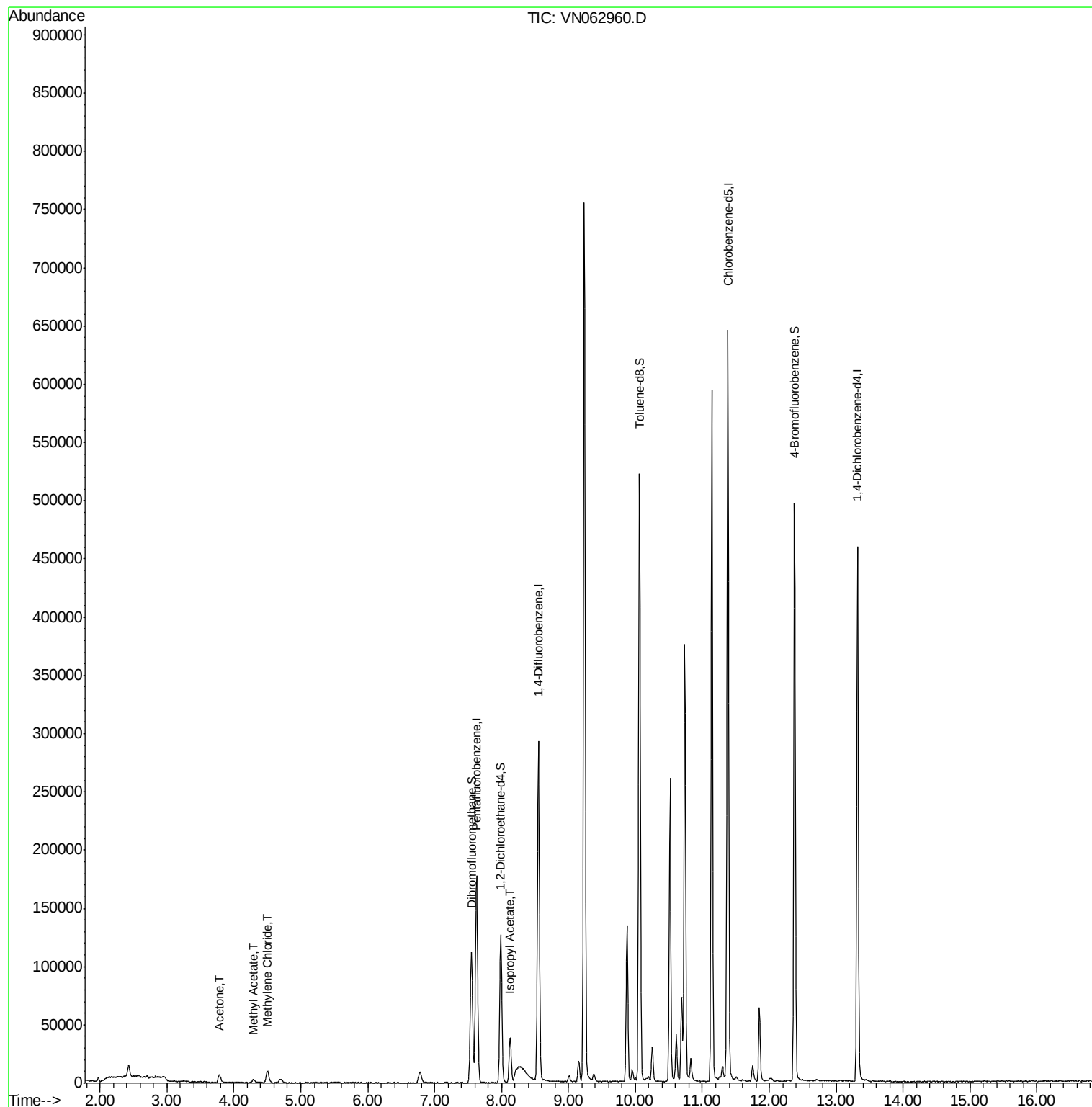
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	137744	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	249170	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	348873	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	123127	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	116143	50.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.98%	
35) Dibromofluoromethane	7.55	113	85345	50.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.14%	
50) Toluene-d8	10.06	98	359007	53.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.90%	
62) 4-Bromofluorobenzene	12.38	95	172683	68.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	137.34%	
Target Compounds						
16) Acetone	3.78	43	12459	15.137	ug/l	99
18) Methyl Acetate	4.29	43	4366	1.139	ug/l #	74
20) Methylene Chloride	4.50	84	8079	4.674	ug/l #	85
43) Isopropyl Acetate	8.13	43	45637	10.796	ug/l	99

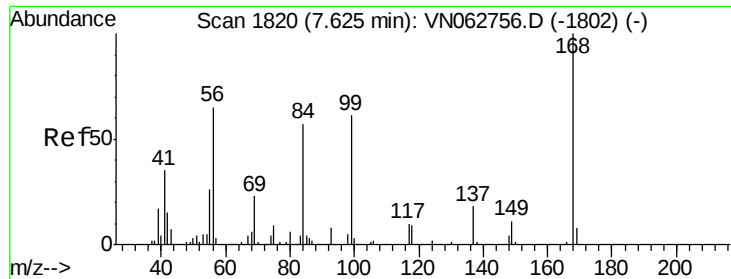
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 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: VN062960.D

Acq: 15 Aug 2020 2:11

Instrument :

MSVOA_N

ClientSampled :

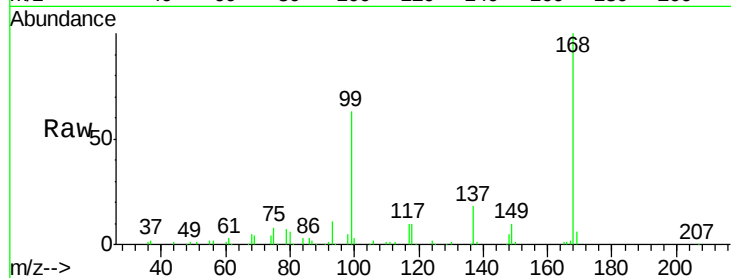
SP1-3

Tot Ion:168 Resp: 137744

Ion Ratio Lower Upper

168 100

99 63.4 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

60000

50000

40000

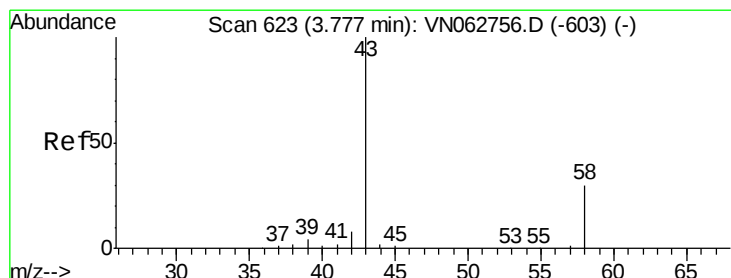
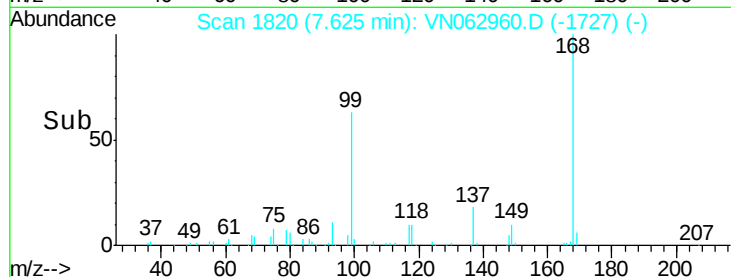
30000

20000

10000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 15.137 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN062960.D

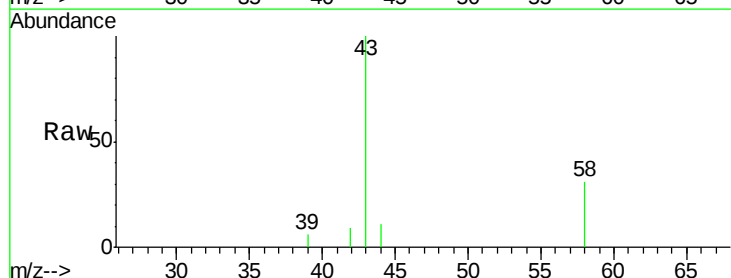
Acq: 15 Aug 2020 2:11

Tgt Ion: 43 Resp: 12459

Ion Ratio Lower Upper

43 100

58 30.7 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.78

5000

4000

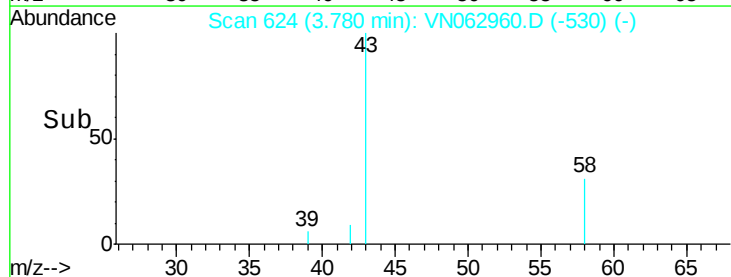
3000

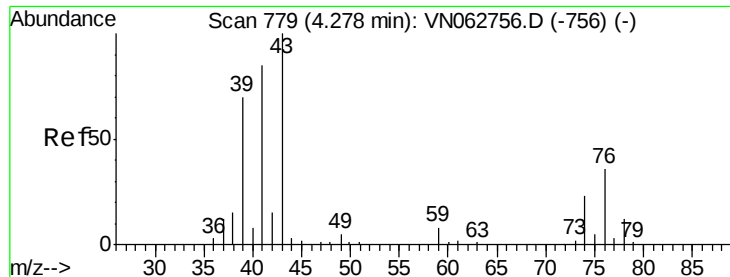
2000

1000

0

Time--> 3.70 3.75 3.80 3.85

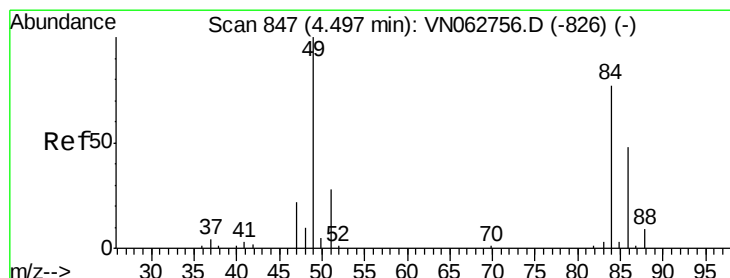
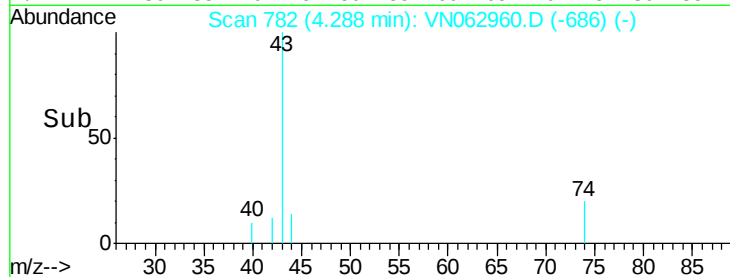
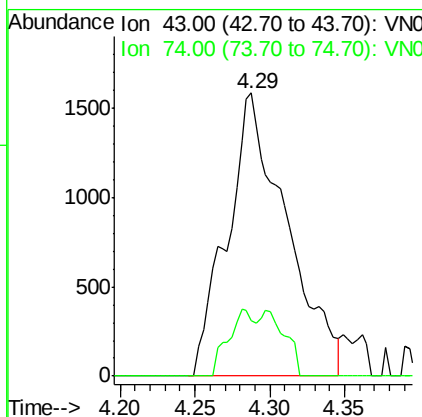
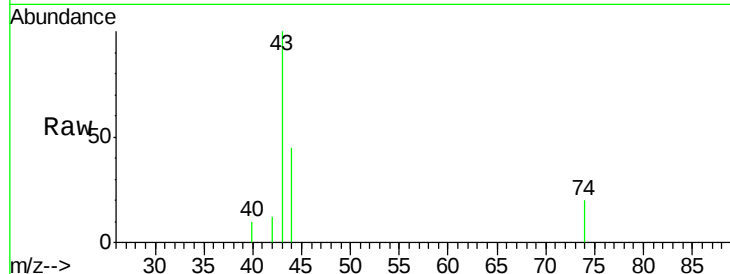




#18
Methvl Acetate
Concen: 1.139 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.01 min
Lab File: VN062960.D
Acq: 15 Aug 2020 2:11

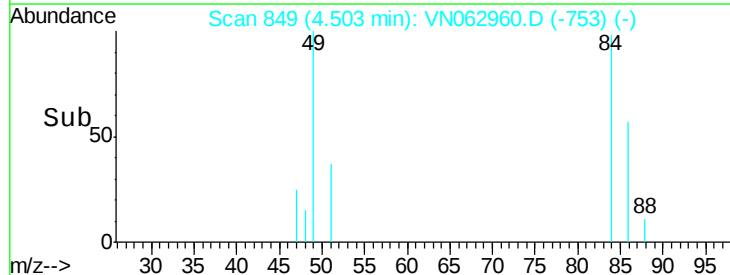
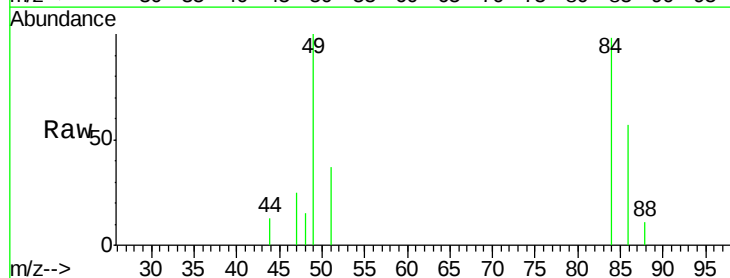
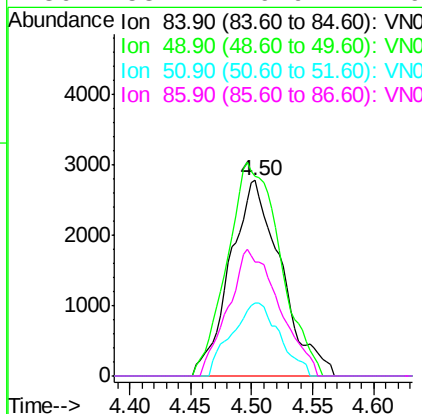
Instrument :
MSVOA_N
ClientSampleId :
SP1-3

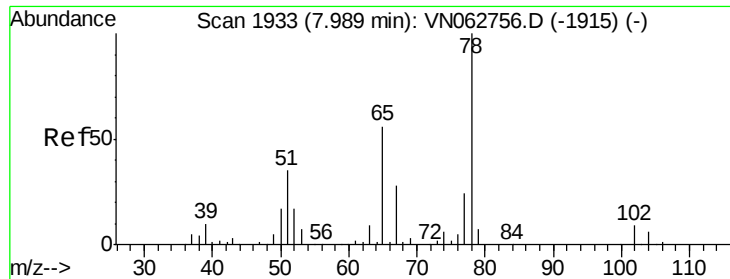
Tot Ion: 43 Resp: 4366
Ion Ratio Lower Upper
43 100
74 10.7 18.6 28.0#



#20
Methylene Chloride
Concen: 4.674 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.01 min
Lab File: VN062960.D
Acq: 15 Aug 2020 2:11

Tgt Ion: 84 Resp: 8079
Ion Ratio Lower Upper
84 100
49 101.7 103.4 155.2#
51 37.3 29.3 43.9
86 58.4 49.9 74.9





#33

1,2-Dichloroethane-d4

Concen: 50.988 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062960.D

Acq: 15 Aug 2020 2:11

Instrument :

MSVOA_N

ClientSampleId :

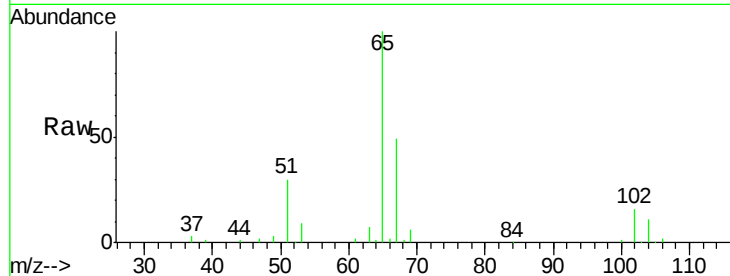
SP1-3

Tot Ion: 65 Resp: 116143

Ion Ratio Lower Upper

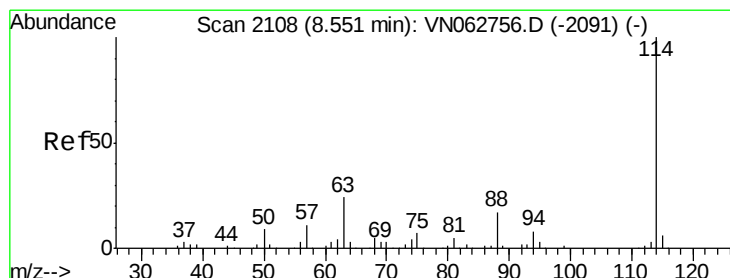
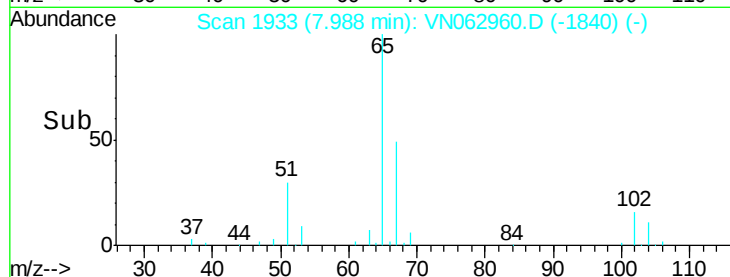
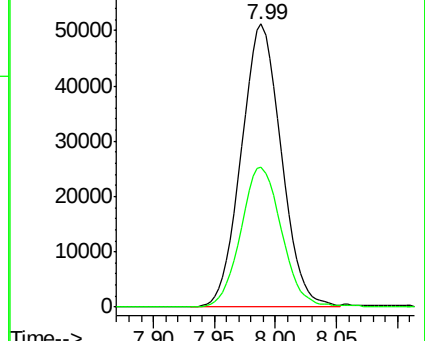
65 100

67 50.2 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VN062960.D (-1840) (-)

Ion 66.90 (66.60 to 67.60): VN062960.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: VN062960.D

Acq: 15 Aug 2020 2:11

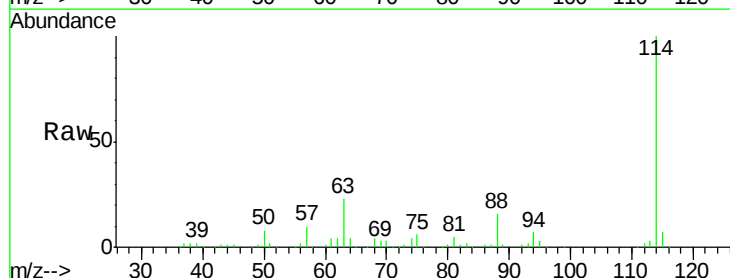
Tgt Ion: 114 Resp: 249170

Ion Ratio Lower Upper

114 100

63 23.1 0.0 47.6

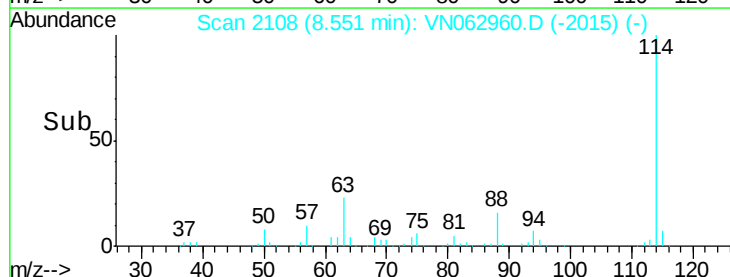
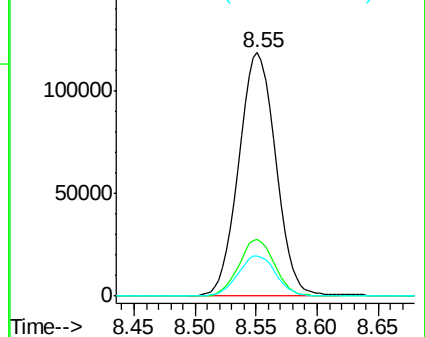
88 16.5 0.0 34.4

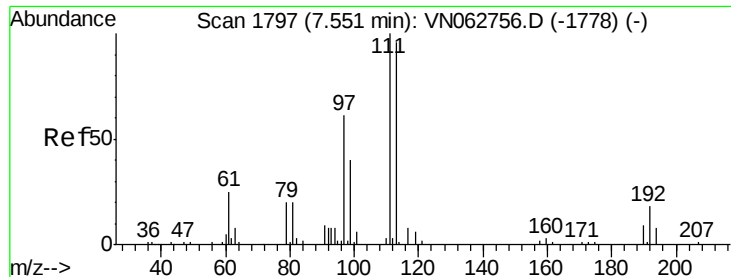


Abundance Ion 113.90 (113.60 to 114.60): VN062960.D (-2015) (-)

Ion 63.00 (62.70 to 63.70): VN062960.D (-2015) (-)

Ion 87.90 (87.60 to 88.60): VN062960.D (-2015) (-)

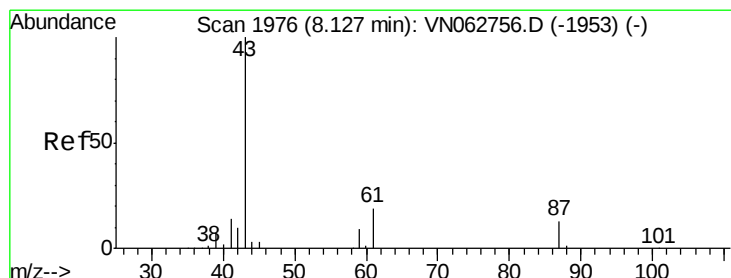
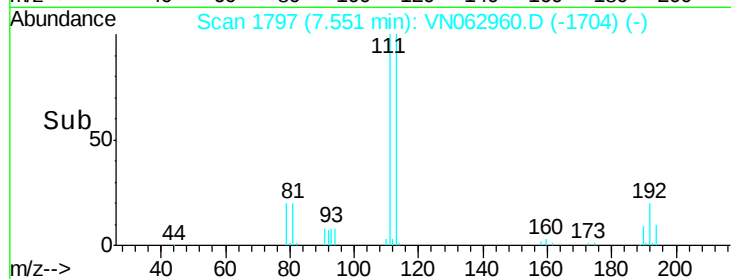
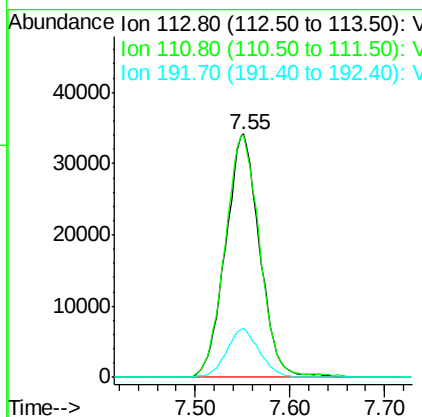
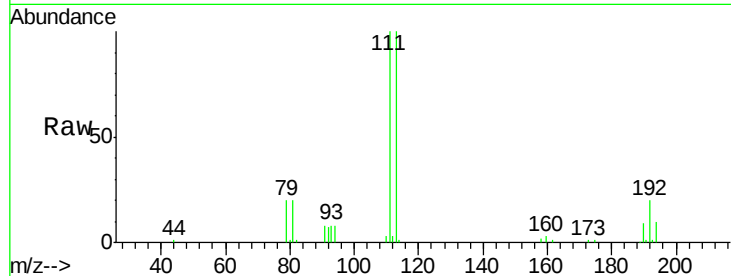




#35
 Dibromofluoromethane
 Concen: 50.071 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: VN062960.D
 Acq: 15 Aug 2020 2:11

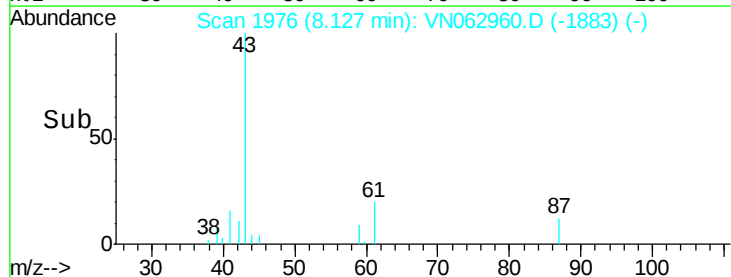
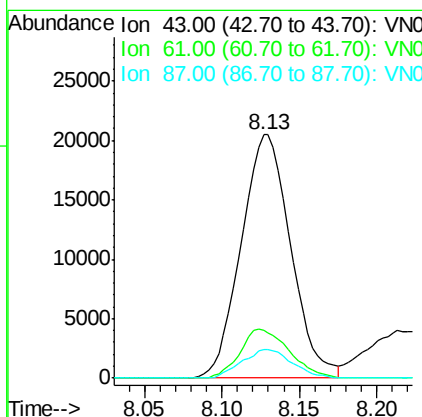
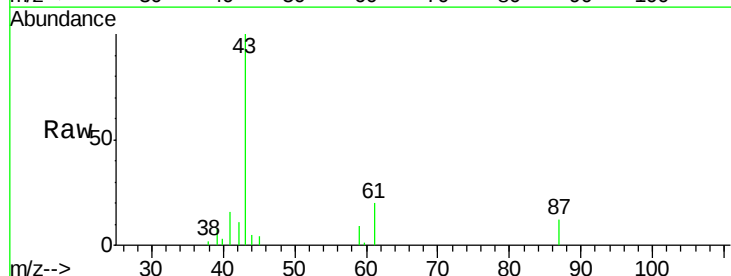
Instrument :
 MSVOA_N
 ClientSampled :
 SP1-3

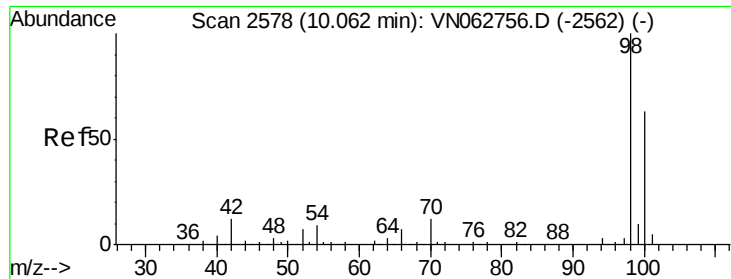
Tot Ion:113 Resp: 85345
 Ion Ratio Lower Upper
 113 100
 111 101.0 81.8 122.6
 192 19.2 15.0 22.4



#43
 Isopropyl Acetate
 Concen: 10.796 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: VN062960.D
 Acq: 15 Aug 2020 2:11

Tgt Ion: 43 Resp: 45637
 Ion Ratio Lower Upper
 43 100
 61 19.9 15.8 23.6
 87 11.8 9.9 14.9





#50

Toluene-d8

Concen: 53.951 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062960.D

Acq: 15 Aug 2020 2:11

Instrument :

MSVOA_N

ClientSampled :

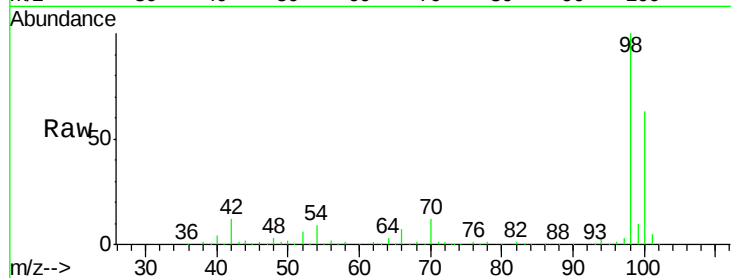
SP1-3

Tot Ion: 98 Resp: 359007

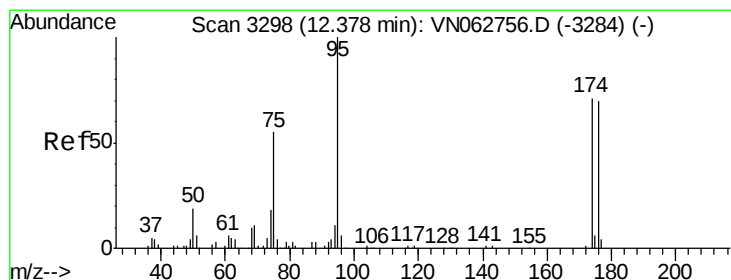
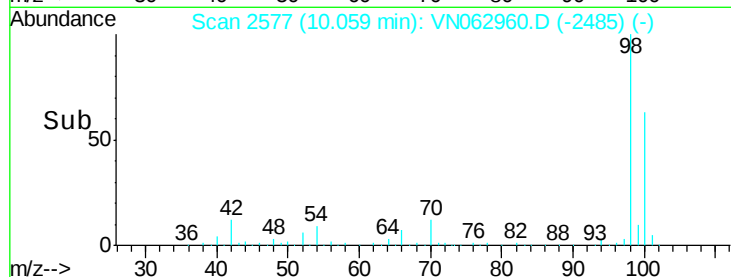
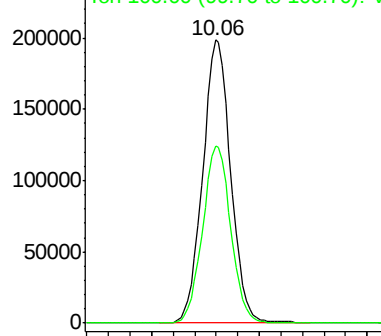
Ion Ratio Lower Upper

98 100

100 63.1 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN062756.D (-2562) (-)



#62

4-Bromofluorobenzene

Concen: 68.670 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062960.D

Acq: 15 Aug 2020 2:11

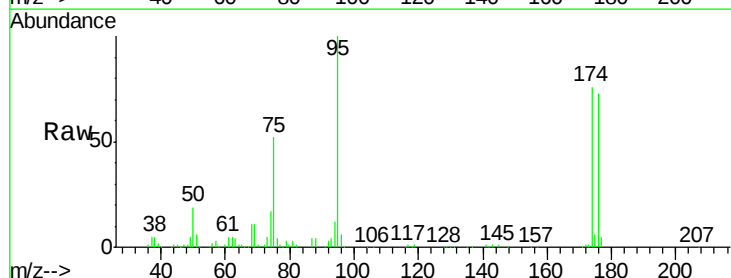
Tgt Ion: 95 Resp: 172683

Ion Ratio Lower Upper

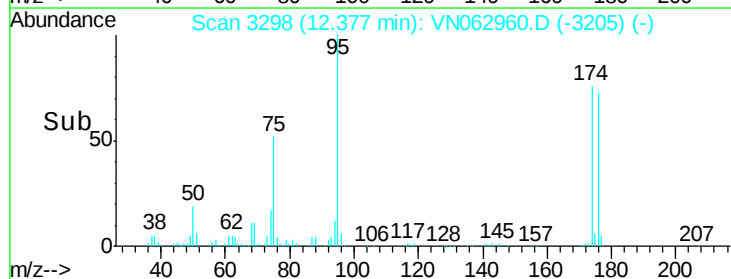
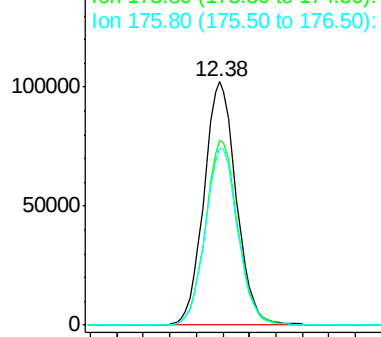
95 100

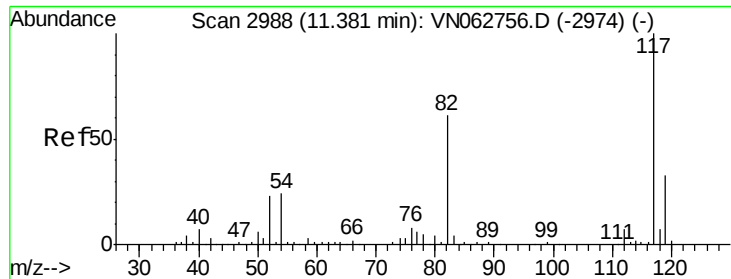
174 76.1 0.0 144.8

176 73.3 0.0 142.2



Abundance Ion 94.90 (94.60 to 95.60): VN062756.D (-3284) (-)

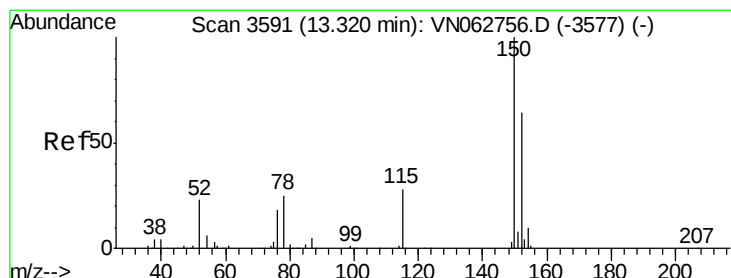
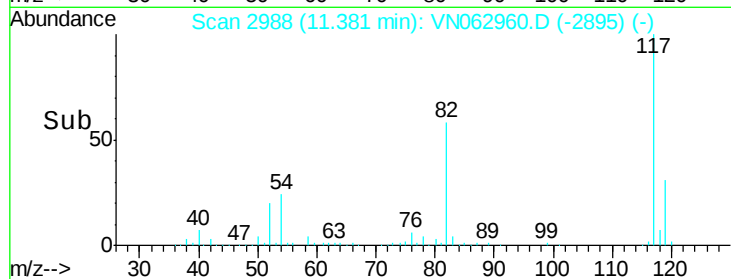
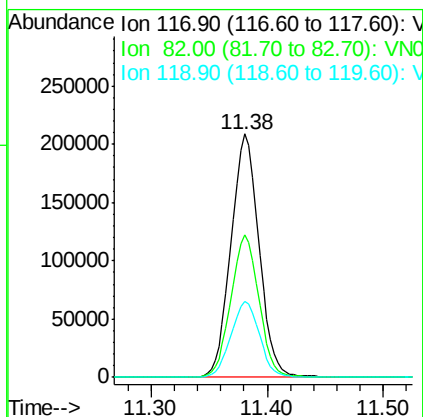
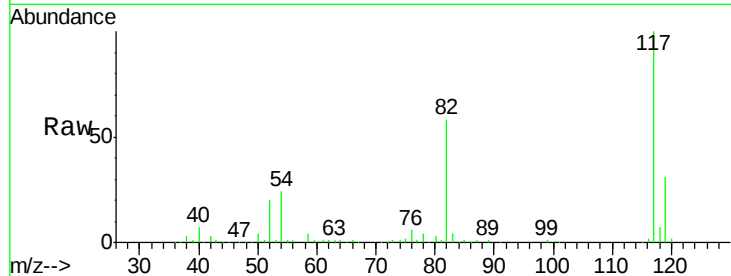




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062960.D
Acq: 15 Aug 2020 2:11

Instrument :
MSVOA_N
ClientSampled :
SP1-3

Tot Ion:117 Resp: 348873
Ion Ratio Lower Upper
117 100
82 58.5 49.0 73.4
119 31.4 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. -0.00 min
Lab File: VN062960.D
Acq: 15 Aug 2020 2:11

Tgt Ion:152 Resp: 123127
Ion Ratio Lower Upper
152 100
115 62.8 31.6 94.8
150 159.9 0.0 349.2

