

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092320\
 Data File : VN063593.D
 Acq On : 23 Sep 2020 16:54
 Operator : JC/MD
 Sample : L4116-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 KY038PS038-200922

Quant Time: Sep 24 03:46:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

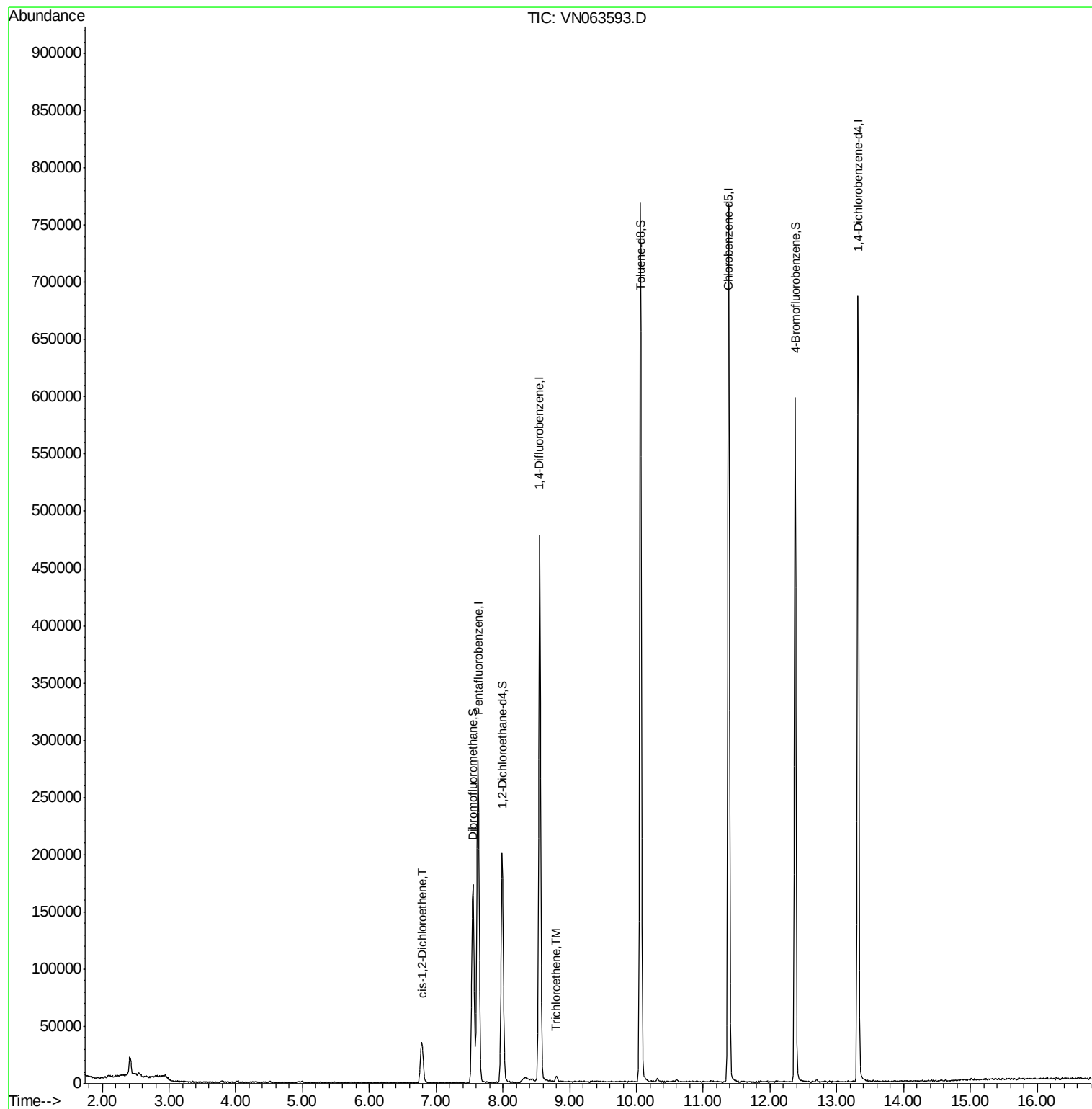
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	207637	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	389089	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	399423	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	166529	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	178176	50.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.82%	
35) Dibromofluoromethane	7.55	113	130052	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.56%	
50) Toluene-d8	10.06	98	508372	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.38%	
62) 4-Bromofluorobenzene	12.38	95	197974	53.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.64%	
Target Compounds						
27) cis-1,2-Dichloroethene	6.78	96	22396	7.622	ug/l	86
44) Trichloroethene	8.80	130	1665	0.580	ug/l	85

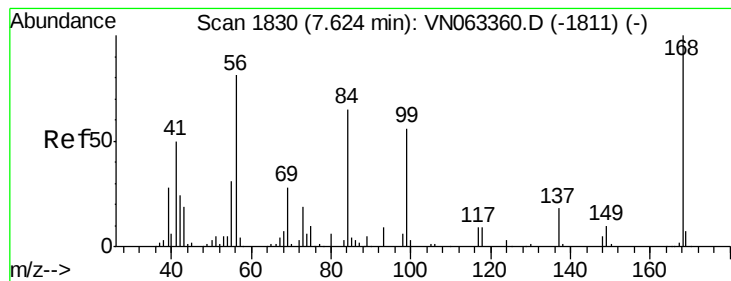
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092320\
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QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063593.D

Acq: 23 Sep 2020 16:54

Instrument :

MSVOA_N

ClientSampleId :

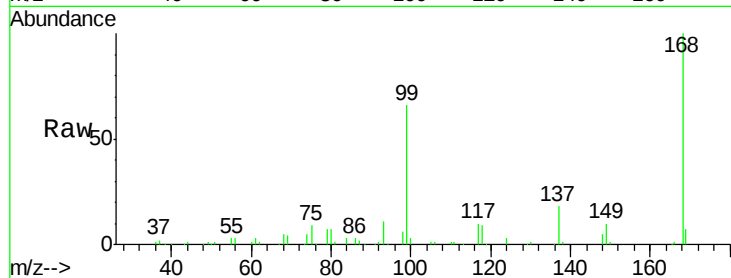
KY038PS038-200922

Tot Ion:168 Resp: 207637

Ion Ratio Lower Upper

168 100

99 66.2 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

80000

60000

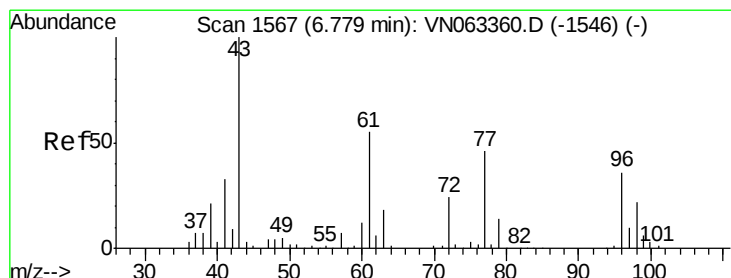
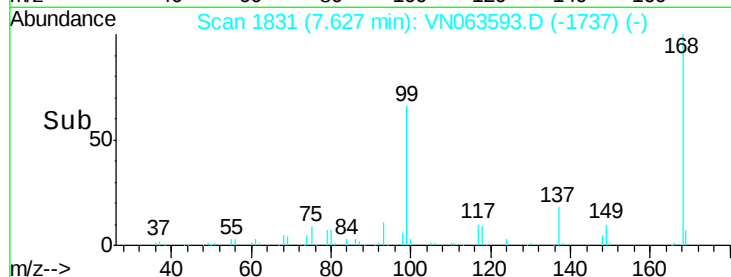
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#27

cis-1,2-Dichloroethene

Concen: 7.622 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VN063593.D

Acq: 23 Sep 2020 16:54

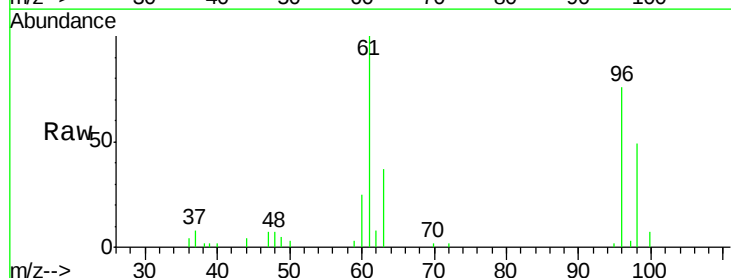
Tgt Ion: 96 Resp: 22396

Ion Ratio Lower Upper

96 100

61 135.8 0.0 319.6

98 65.4 0.0 127.8



Abundance Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO

6.78

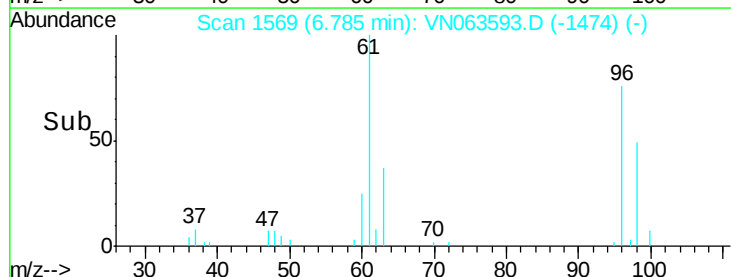
10000

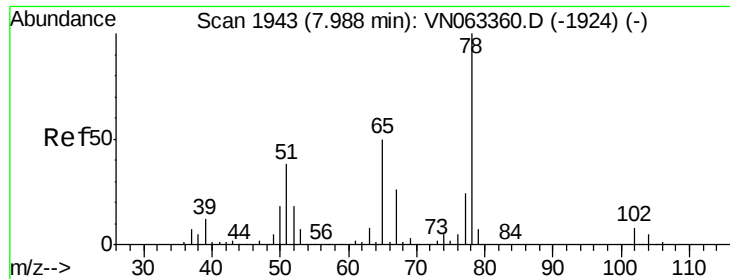
5000

0

6.70 6.75 6.80 6.85

Time-->





#33

1,2-Dichloroethane-d4

Concen: 50.410 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063593.D

Acq: 23 Sep 2020 16:54

Instrument :

MSVOA_N

ClientSampleId :

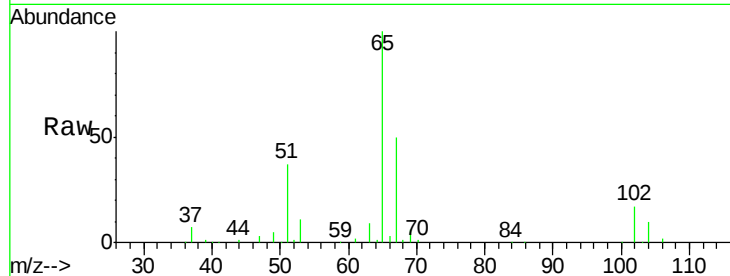
KY038PS038-200922

Tot Ion: 65 Resp: 178176

Ion Ratio Lower Upper

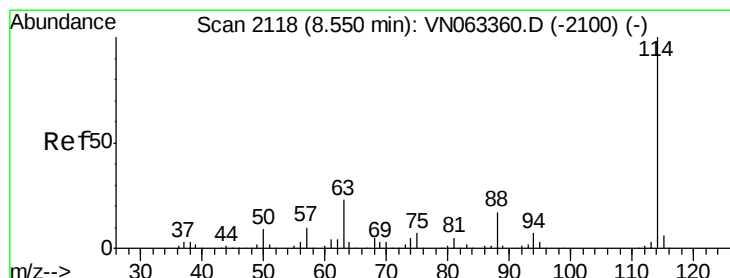
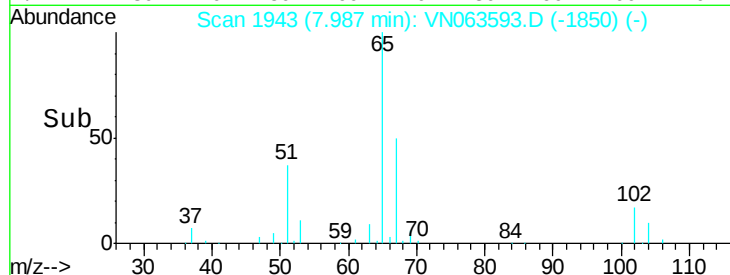
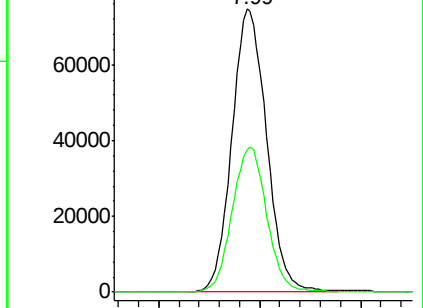
65 100

67 51.1 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VN063593.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN063593.D (-1850) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063593.D

Acq: 23 Sep 2020 16:54

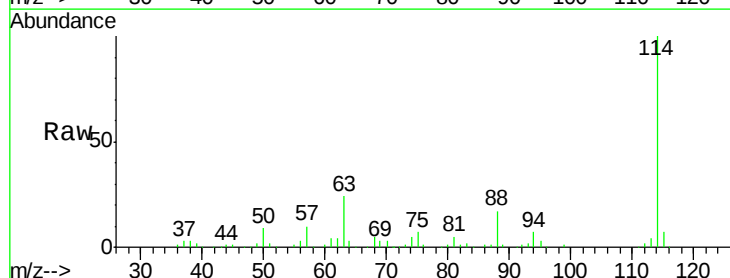
Tgt Ion: 114 Resp: 389089

Ion Ratio Lower Upper

114 100

63 24.3 0.0 46.4

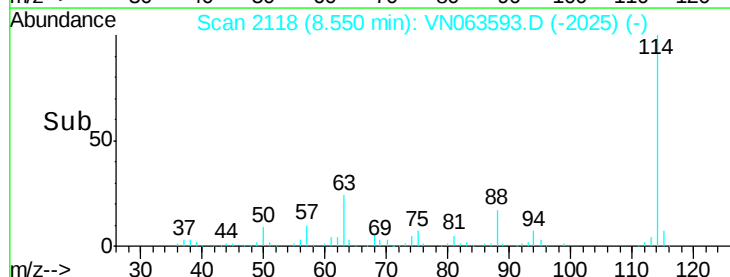
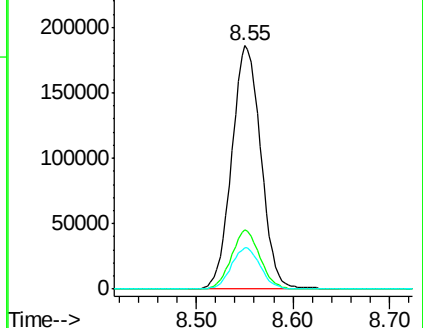
88 17.0 0.0 33.2

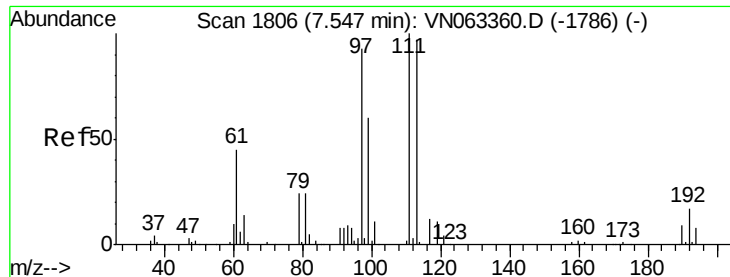


Abundance Ion 113.90 (113.60 to 114.60): VN063593.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN063593.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN063593.D (-2025) (-)

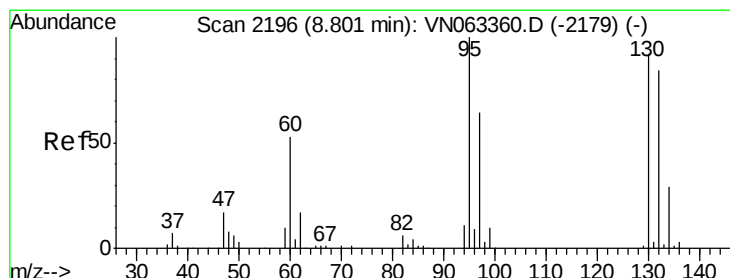
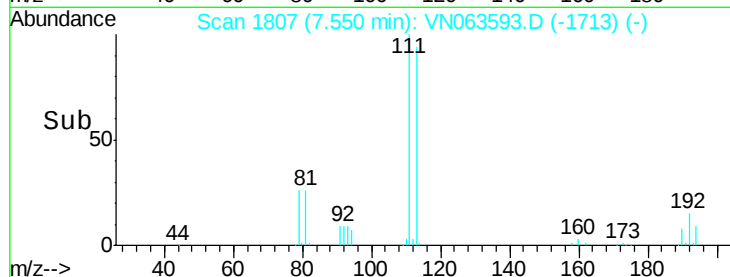
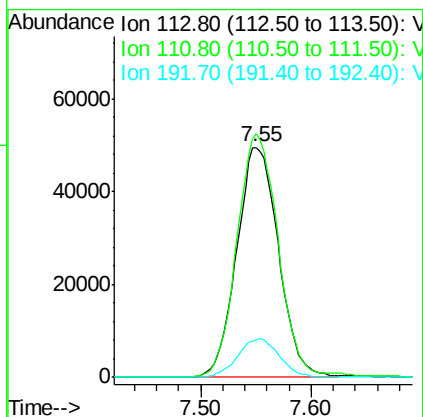
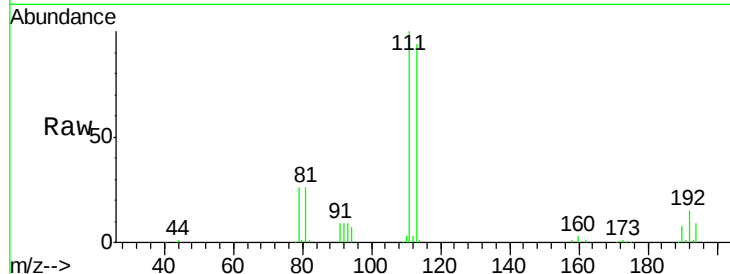




#35
 Dibromofluoromethane
 Concen: 48.282 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063593.D
 Acq: 23 Sep 2020 16:54

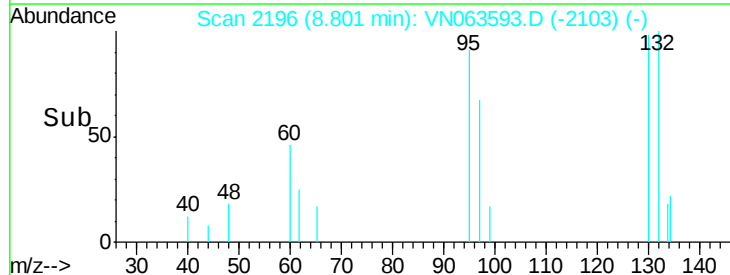
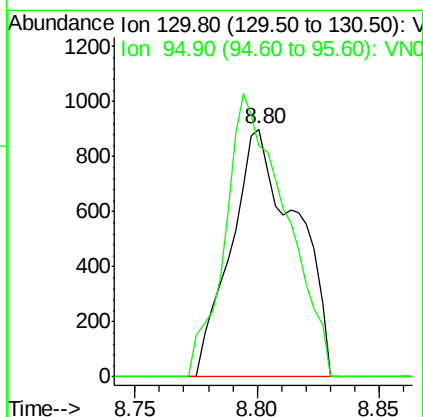
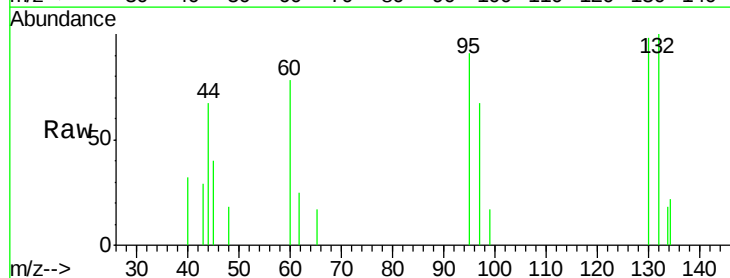
Instrument :
 MSVOA_N
 ClientSampleId :
 KY038PS038-200922

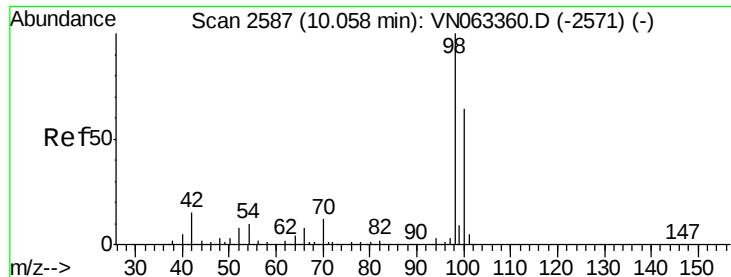
Tot Ion:113 Resp: 130052
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.9 124.3
 192 16.7 13.9 20.9



#44
 Trichloroethene
 Concen: 0.580 ug/l
 RT: 8.80 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VN063593.D
 Acq: 23 Sep 2020 16:54

Tgt Ion:130 Resp: 1665
 Ion Ratio Lower Upper
 130 100
 95 93.2 0.0 217.4





#50

Toluene-d8

Concen: 50.193 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN063593.D

Acq: 23 Sep 2020 16:54

Instrument :

MSVOA_N

ClientSampleId :

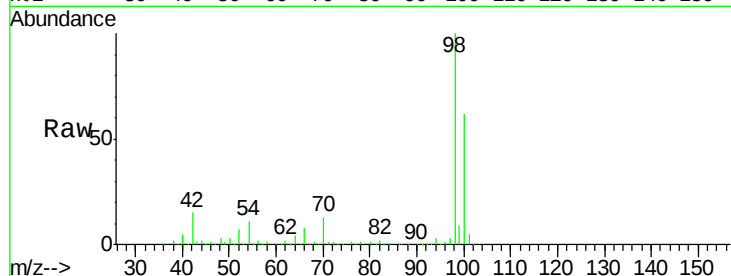
KY038PS038-200922

Tot Ion: 98 Resp: 508372

Ion Ratio Lower Upper

98 100

100 63.0 50.7 76.1



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

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

10.06

250000

200000

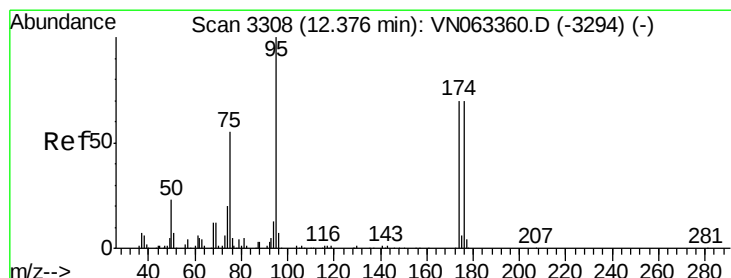
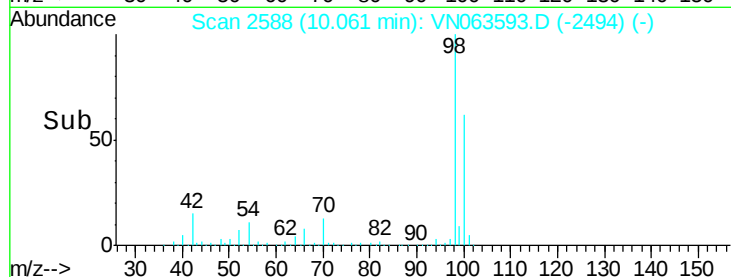
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 53.321 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063593.D

Acq: 23 Sep 2020 16:54

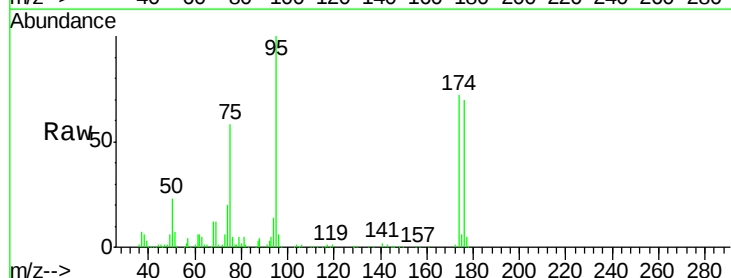
Tgt Ion: 95 Resp: 197974

Ion Ratio Lower Upper

95 100

174 72.1 0.0 140.8

176 68.8 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN063360.D (-3294) (-)

Ion 173.80 (173.50 to 174.50): VN063360.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN063360.D (-3294) (-)

12.38

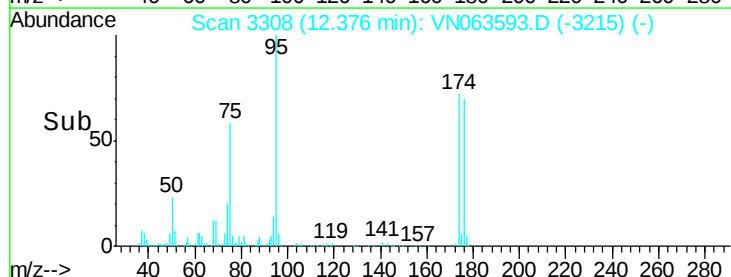
150000

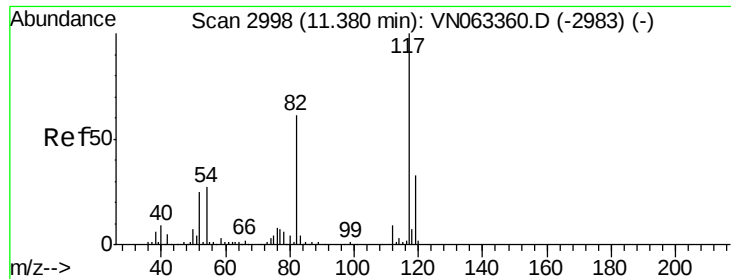
100000

50000

0

Time-->

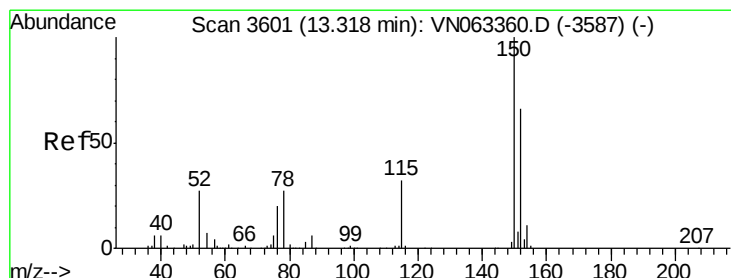
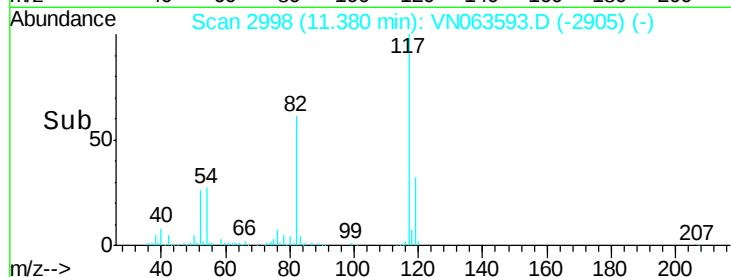
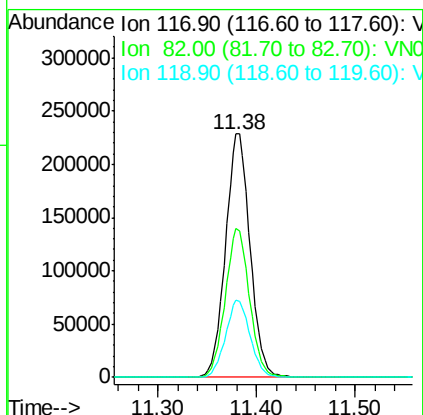
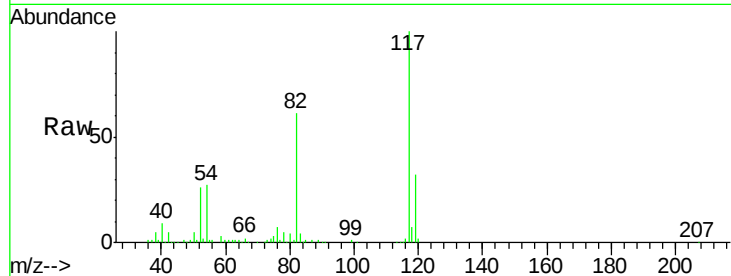




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063593.D
Acq: 23 Sep 2020 16:54

Instrument :
MSVOA_N
ClientSampleId :
KY038PS038-200922

Tot Ion:117 Resp: 399423
Ion Ratio Lower Upper
117 100
82 61.0 49.2 73.8
119 31.7 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063593.D
Acq: 23 Sep 2020 16:54

Tgt Ion:152 Resp: 166529
Ion Ratio Lower Upper
152 100
115 63.5 32.2 96.6
150 157.4 0.0 343.4

