

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092320\
 Data File : VN063594.D
 Acq On : 23 Sep 2020 17:18
 Operator : JC/MD
 Sample : L4116-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 KY038PS034-200922

Quant Time: Sep 24 12:36:38 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

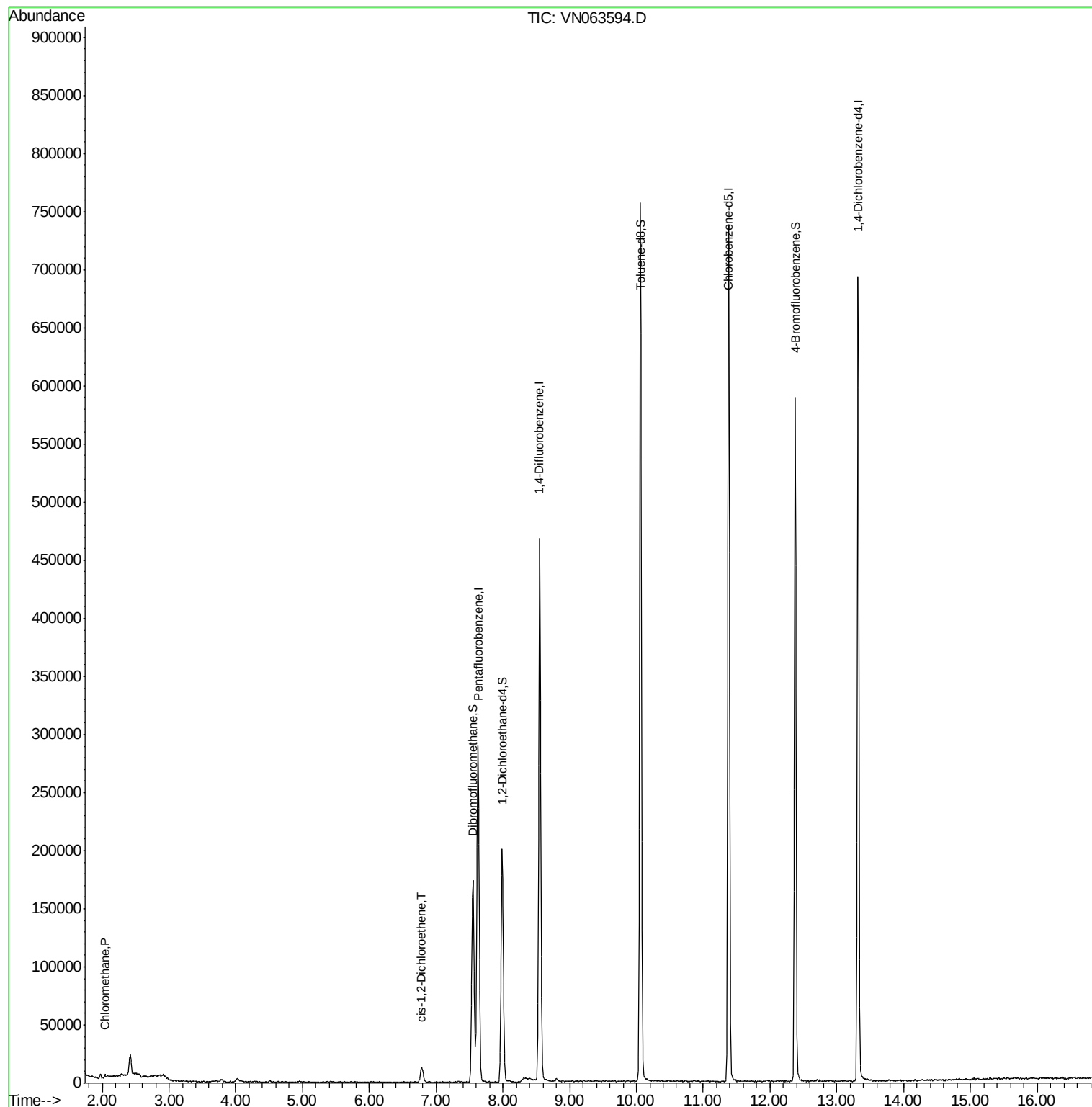
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	206807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	387012	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	391540	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	164353	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	176577	50.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.32%	
35) Dibromofluoromethane	7.55	113	127296	47.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.02%	
50) Toluene-d8	10.06	98	496177	49.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.50%	
62) 4-Bromofluorobenzene	12.38	95	197456	53.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.94%	
Target Compounds						
3) Chloromethane	2.04	50	1965	0.634	ug/l	96
27) cis-1,2-Dichloroethene	6.78	96	7463	2.550	ug/l	86

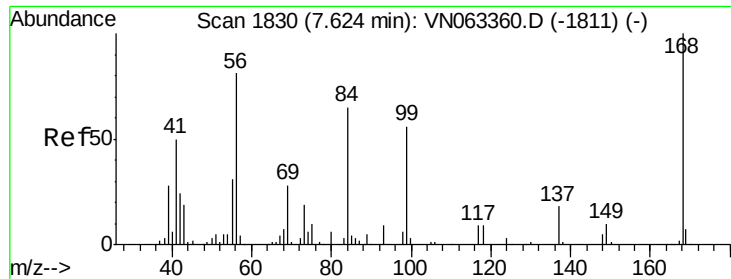
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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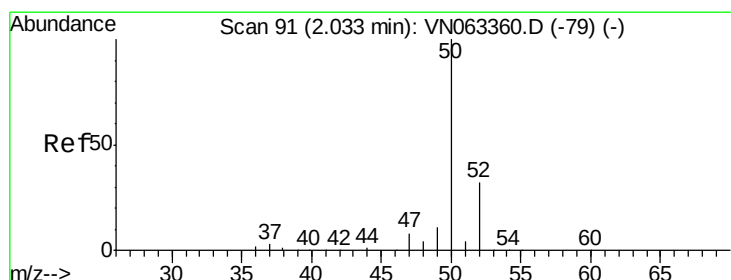
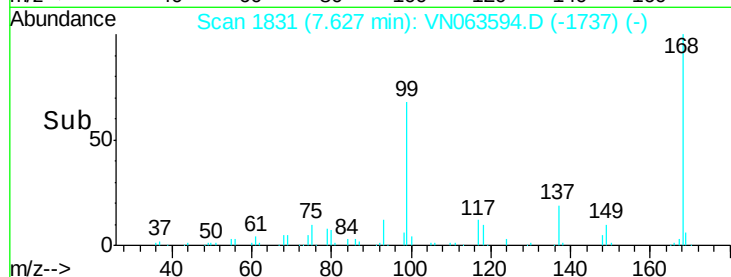
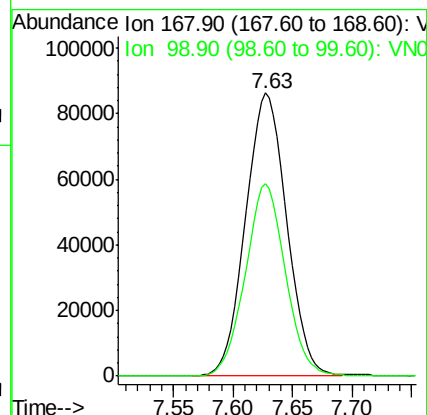
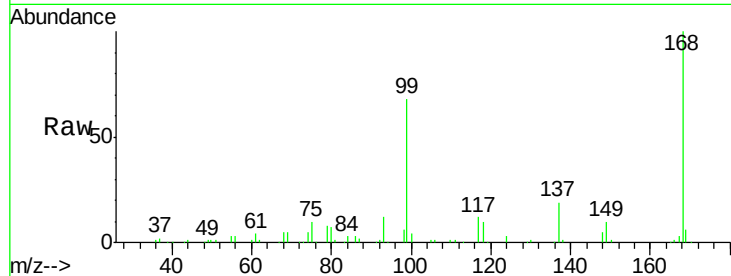




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN063594.D
Acq: 23 Sep 2020 17:18

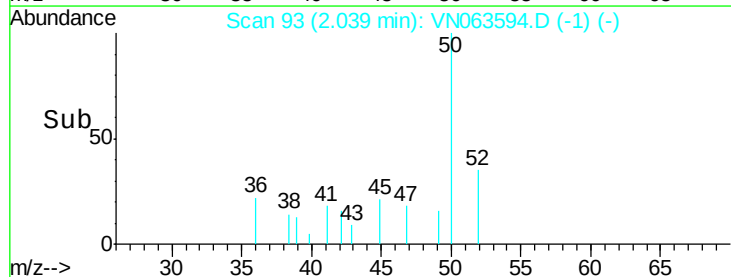
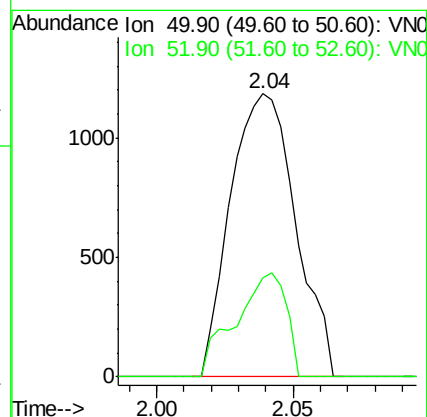
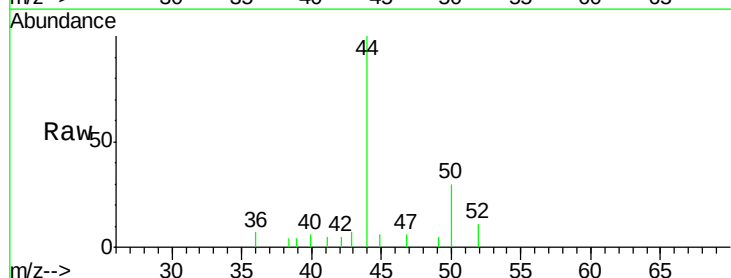
Instrument :
MSVOA_N
ClientSampleId :
KY038PS034-200922

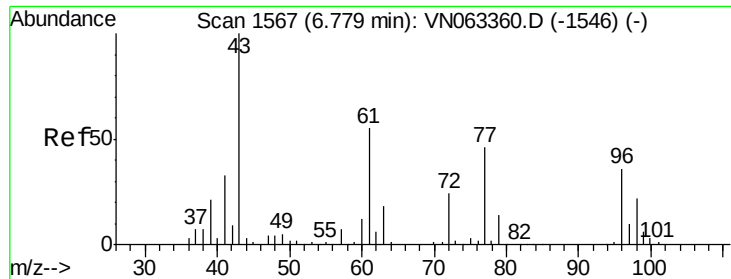
Tot Ion:168 Resp: 206807
Ion Ratio Lower Upper
168 100
99 68.2 53.0 79.6



#3
Chloromethane
Concen: 0.634 ug/l
RT: 2.04 min Scan# 93
Delta R.T. 0.01 min
Lab File: VN063594.D
Acq: 23 Sep 2020 17:18

Tgt Ion: 50 Resp: 1965
Ion Ratio Lower Upper
50 100
52 34.9 25.9 38.9





#27

cis-1,2-Dichloroethene

Concen: 2.550 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063594.D

Acq: 23 Sep 2020 17:18

Instrument :

MSVOA_N

ClientSampleId :

KY038PS034-200922

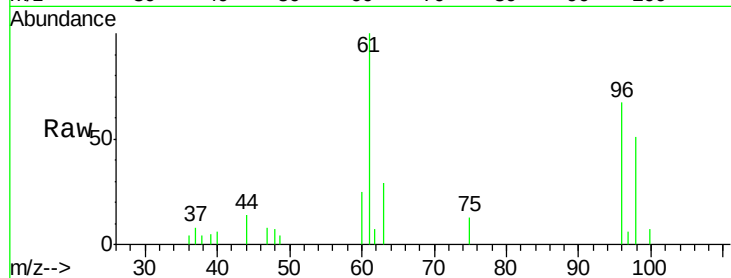
Tot Ion: 96 Resp: 7463

Ion Ratio Lower Upper

96 100

61 137.5 0.0 319.6

98 59.0 0.0 127.8

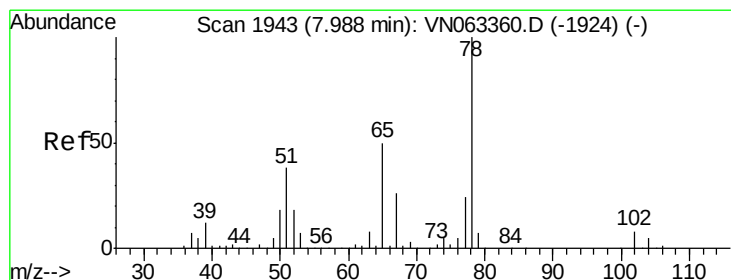
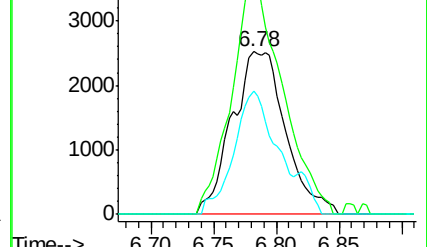
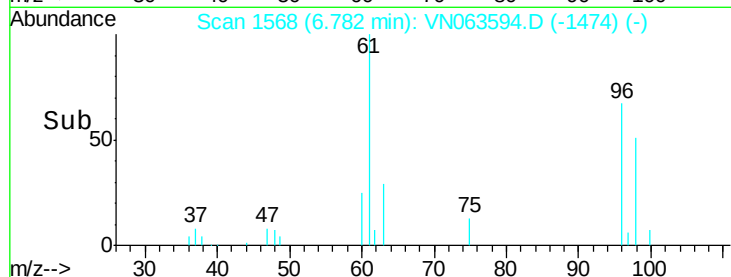


Abundance Ion 95.90 (95.60 to 96.60): VN063360.D (-1546) (-)

Ion 60.90 (60.60 to 61.60): VN063360.D (-1546) (-)

Ion 97.90 (97.60 to 98.60): VN063360.D (-1546) (-)

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.158 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063594.D

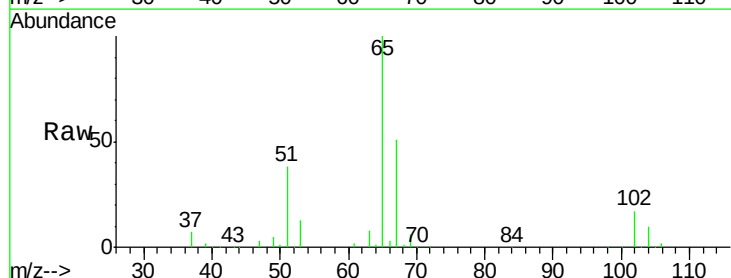
Acq: 23 Sep 2020 17:18

Tgt Ion: 65 Resp: 176577

Ion Ratio Lower Upper

65 100

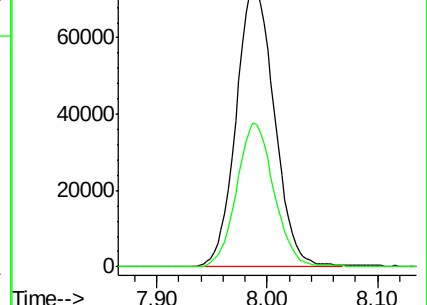
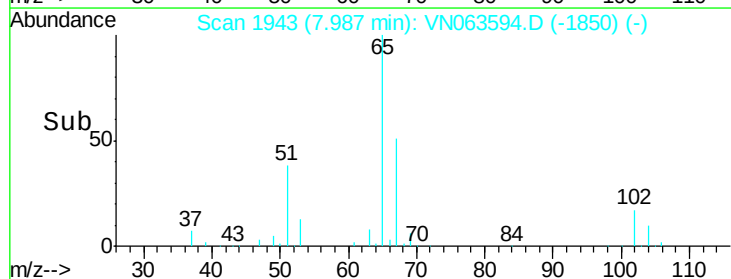
67 50.1 0.0 104.2

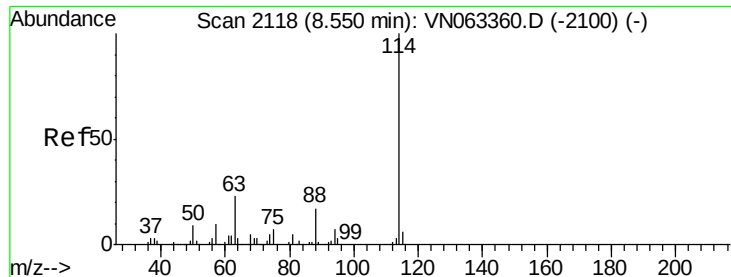


Abundance Ion 64.90 (64.60 to 65.60): VN063360.D (-1924) (-)

Ion 66.90 (66.60 to 67.60): VN063360.D (-1924) (-)

Time-->

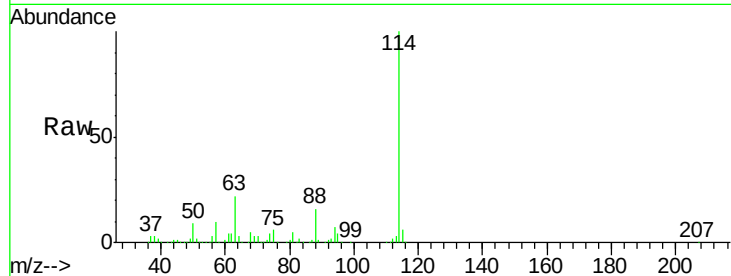




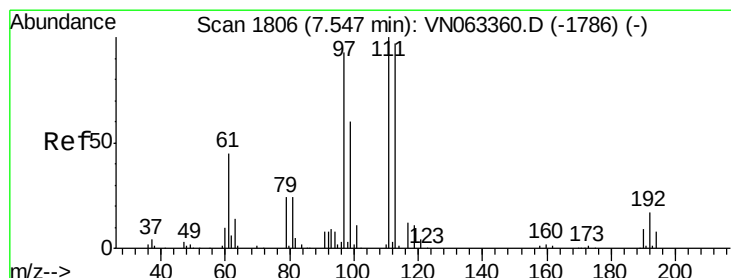
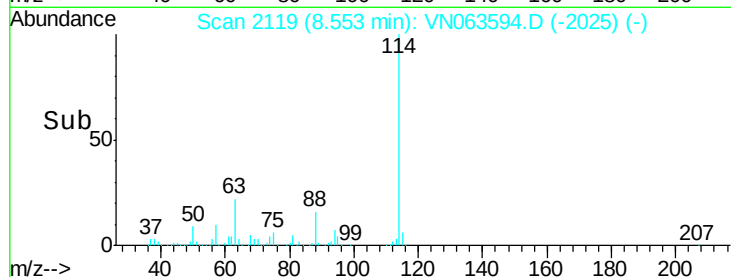
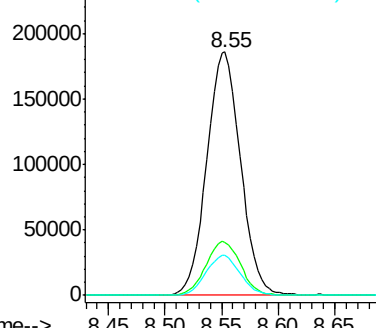
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN063594.D
 Acq: 23 Sep 2020 17:18

Instrument :
 MSVOA_N
 ClientSampleId :
 KY038PS034-200922

Tot Ion:	114	Resp:	387012
Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	46.4
88	16.3	0.0	33.2

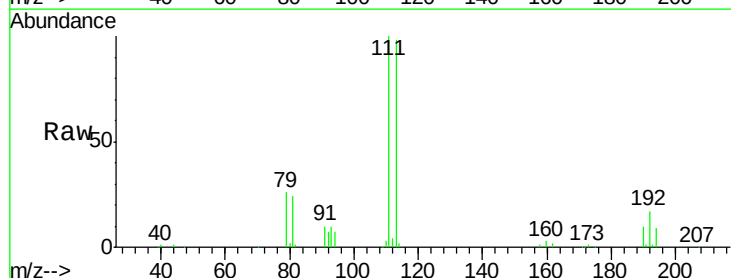


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

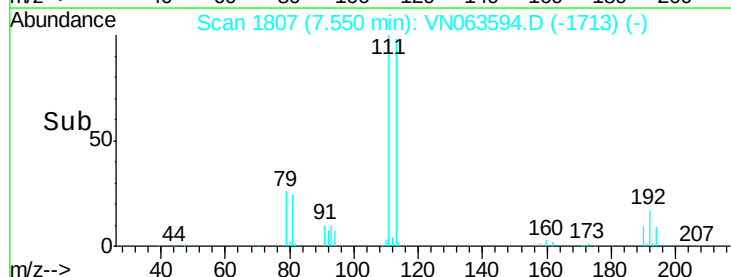
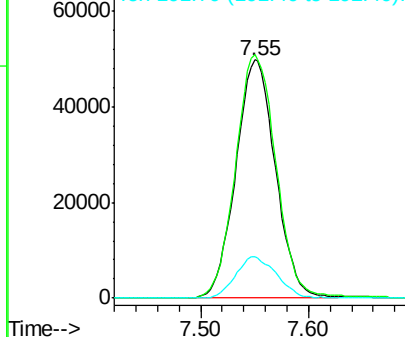


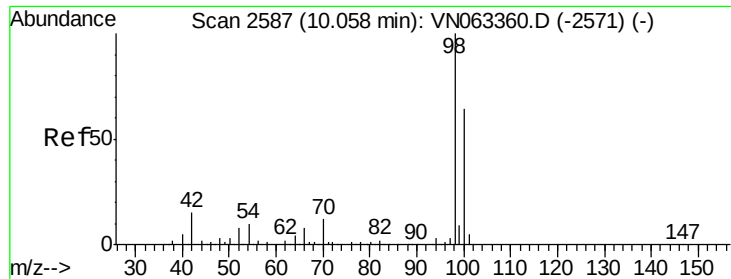
#35
 Dibromofluoromethane
 Concen: 47.513 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063594.D
 Acq: 23 Sep 2020 17:18

Tgt Ion:	113	Resp:	127296
Ion	Ratio	Lower	Upper
113	100		
111	104.9	82.9	124.3
192	17.9	13.9	20.9



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





#50

Toluene-d8

Concen: 49.252 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063594.D

Acq: 23 Sep 2020 17:18

Instrument :

MSVOA_N

ClientSampleId :

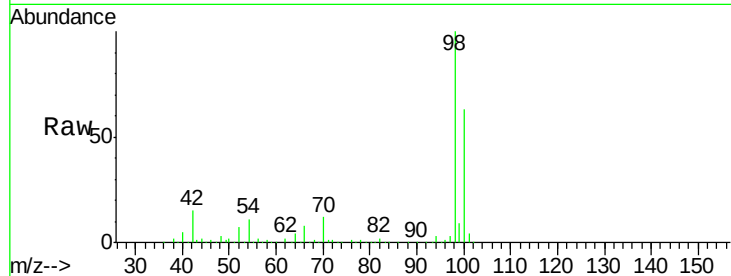
KY038PS034-200922

Tot Ion: 98 Resp: 496177

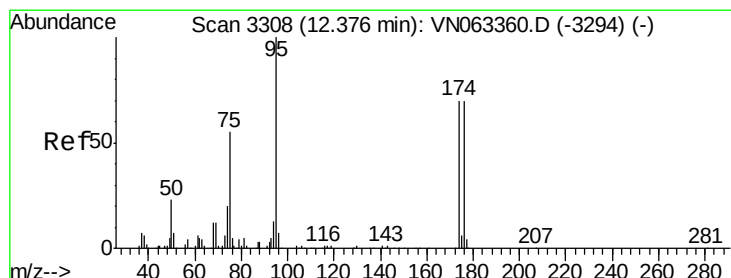
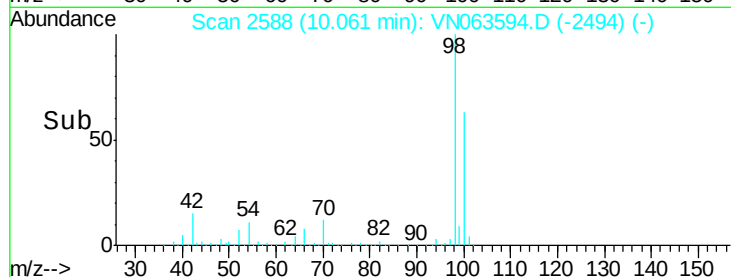
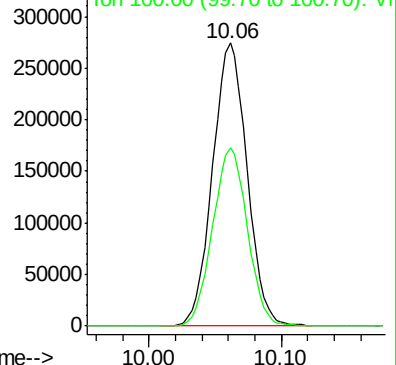
Ion Ratio Lower Upper

98 100

100 63.4 50.7 76.1



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



#62

4-Bromofluorobenzene

Concen: 53.467 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063594.D

Acq: 23 Sep 2020 17:18

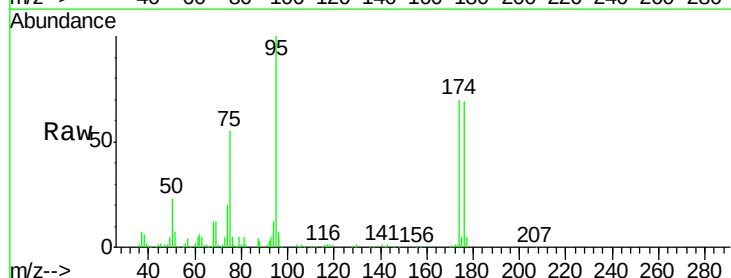
Tgt Ion: 95 Resp: 197456

Ion Ratio Lower Upper

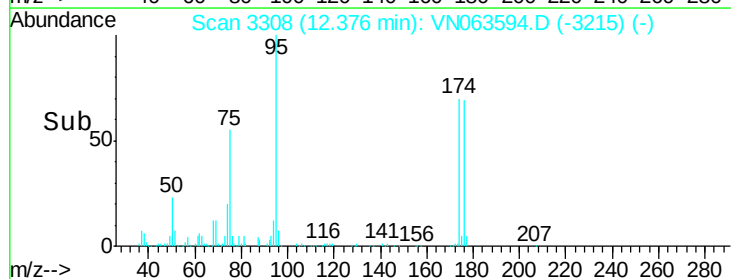
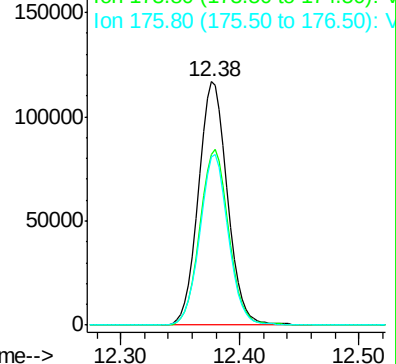
95 100

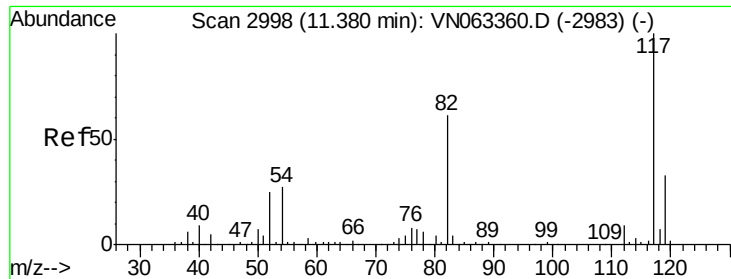
174 72.0 0.0 140.8

176 68.6 0.0 137.6



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

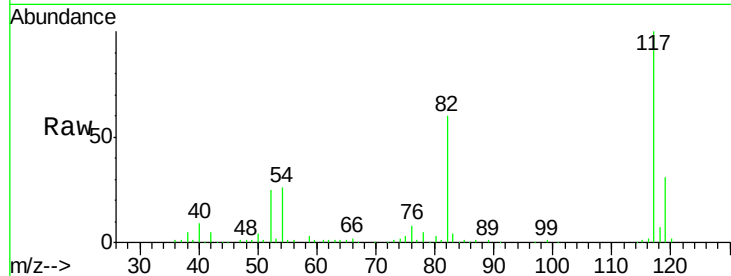




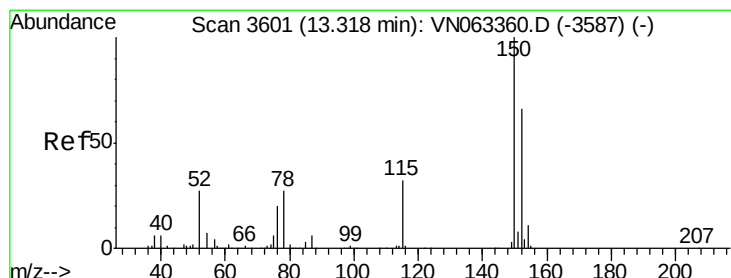
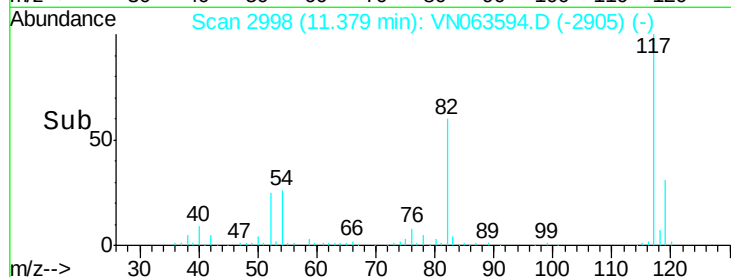
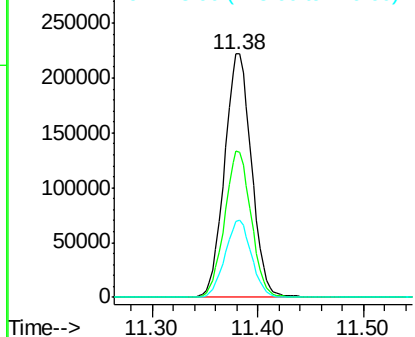
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063594.D
Acq: 23 Sep 2020 17:18

Instrument :
MSVOA_N
ClientSampleId :
KY038PS034-200922

Tot Ion:117 Resp: 391540
Ion Ratio Lower Upper
117 100
82 60.3 49.2 73.8
119 31.1 26.2 39.4

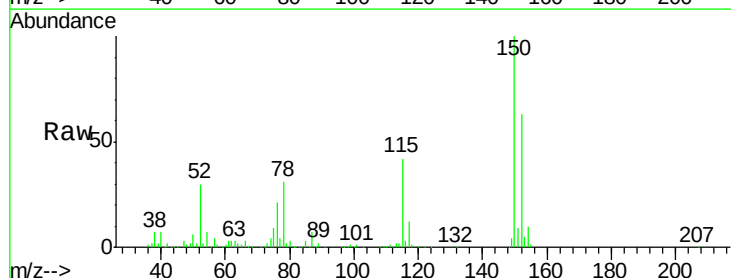


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063594.D
Acq: 23 Sep 2020 17:18

Tgt Ion:152 Resp: 164353
Ion Ratio Lower Upper
152 100
115 63.6 32.2 96.6
150 157.0 0.0 343.4



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

