

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110420\
 Data File : VY003513.D
 Acq On : 04 Nov 2020 17:25
 Operator : SY/MD
 Sample : L4633-04
 Misc : 5.40G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-4

Quant Time: Nov 05 00:52:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 02 12:40:51 2020
 Response via : Initial Calibration

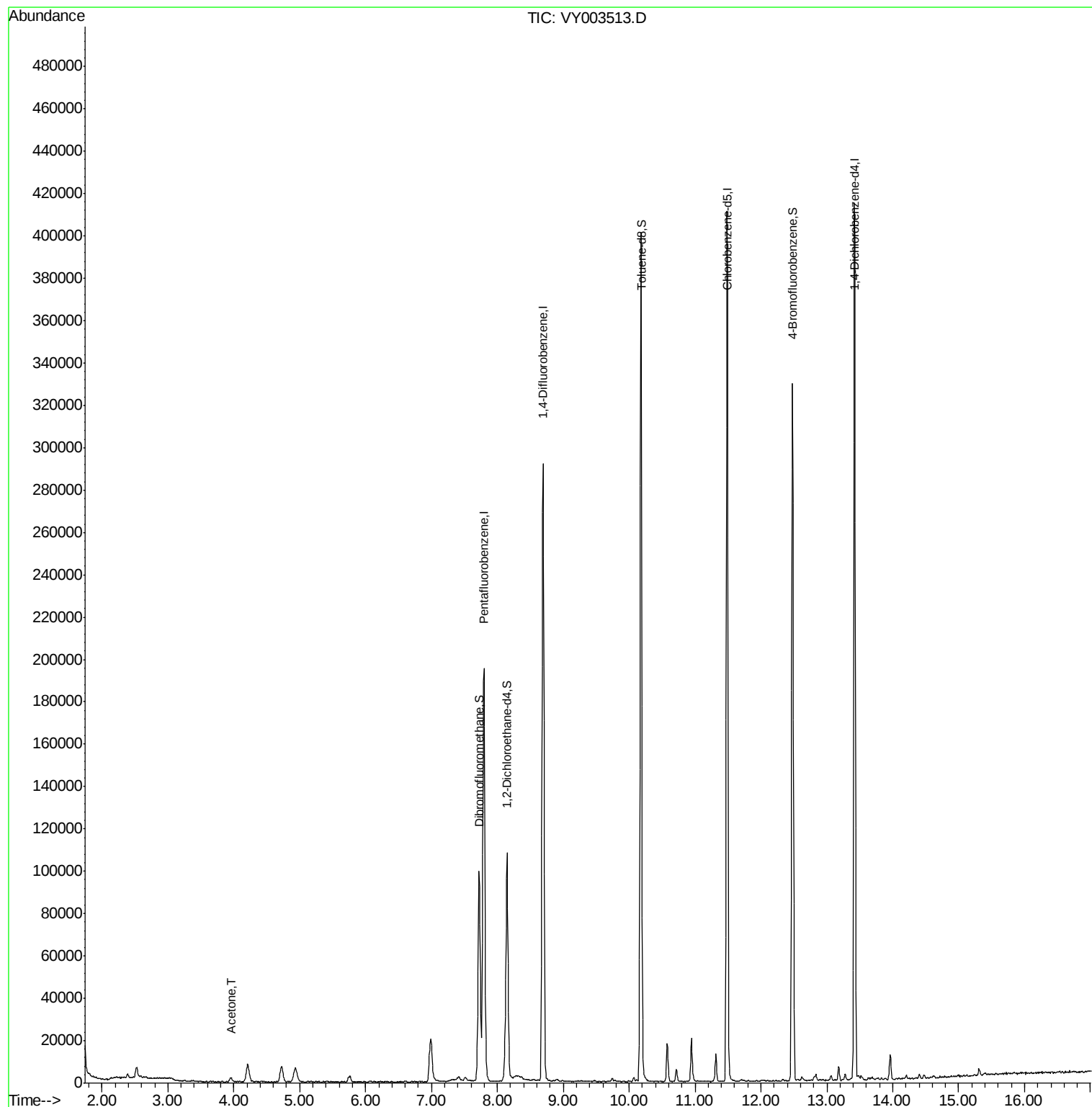
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	159643	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	245018	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	221737	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	109367	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	81195	49.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.22%	
35) Dibromofluoromethane	7.72	113	68451	45.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.82%	
50) Toluene-d8	10.18	98	266598	42.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.96%	
62) 4-Bromofluorobenzene	12.48	95	85259	41.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.98%	
Target Compounds						
16) Acetone	3.96	43	3854	7.138	ug/l #	Qvalue 83

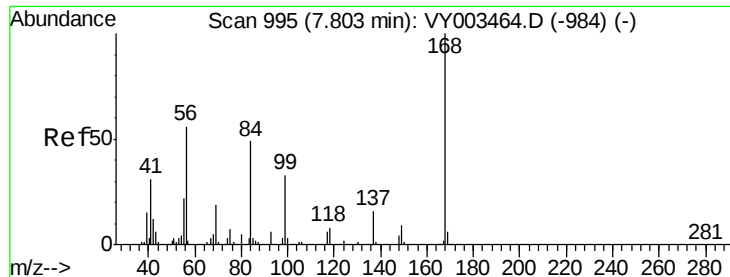
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY110420\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY003513.D

Acq: 04 Nov 2020 17:25

Instrument :

MSVOA_Y

ClientSampleId :

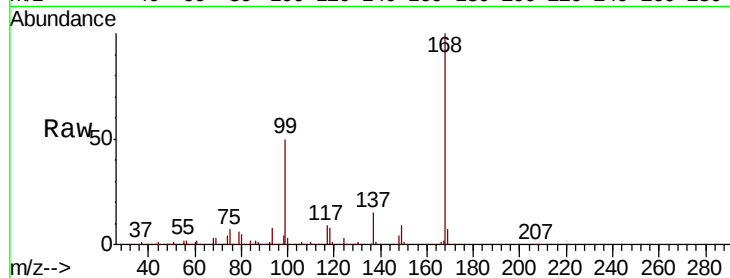
DB-4

Tot Ion:168 Resp: 159643

Ion Ratio Lower Upper

168 100

99 49.9 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY003513.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY003513.D (-946) (-)

7.80

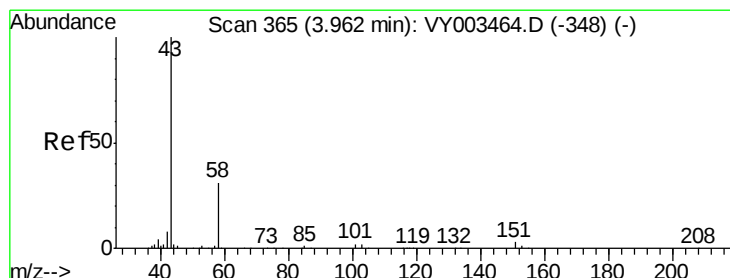
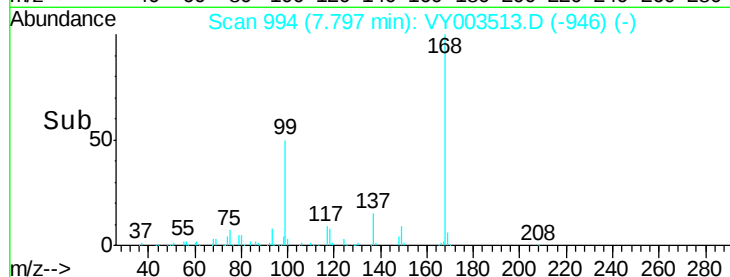
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 7.138 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.00 min

Lab File: VY003513.D

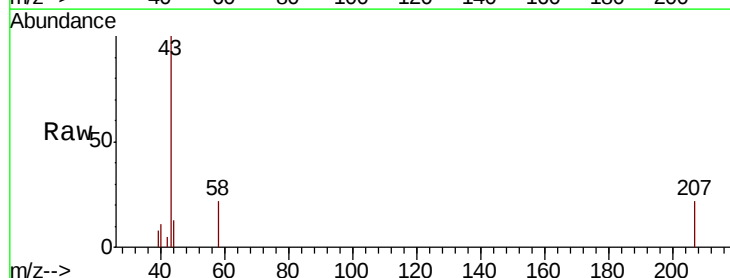
Acq: 04 Nov 2020 17:25

Tgt Ion: 43 Resp: 3854

Ion Ratio Lower Upper

43 100

58 21.8 25.0 37.4#



Abundance Ion 43.00 (42.70 to 43.70): VY003513.D (-316) (-)

Ion 58.00 (57.70 to 58.70): VY003513.D (-316) (-)

3.96

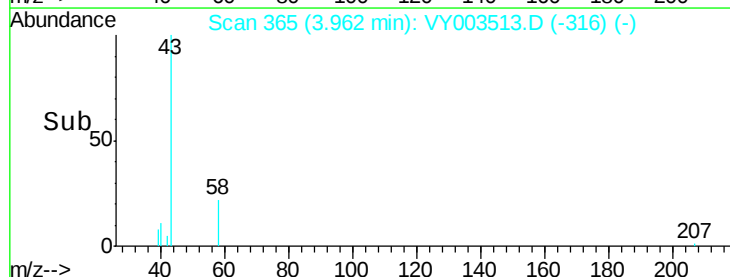
1500

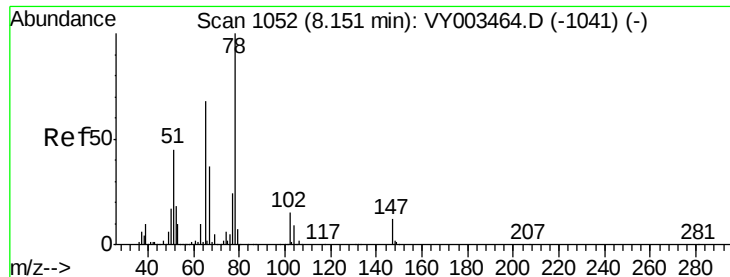
1000

500

0

Time-->

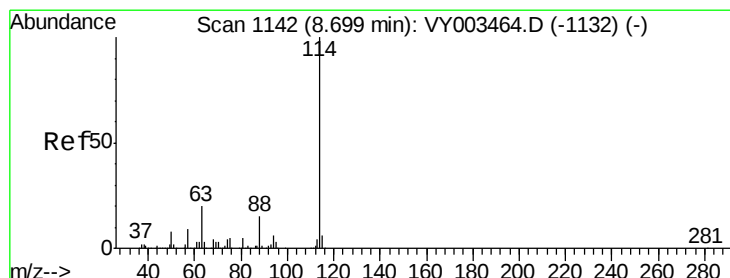
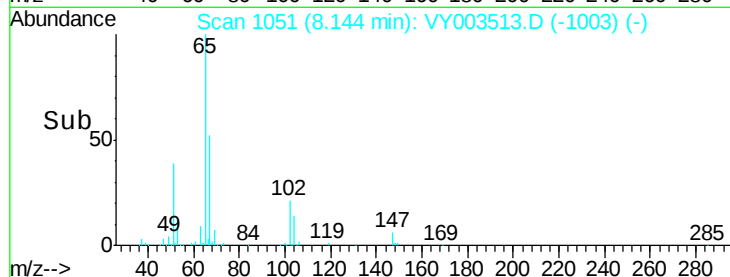
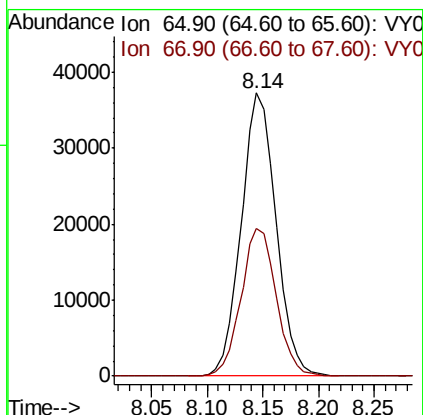
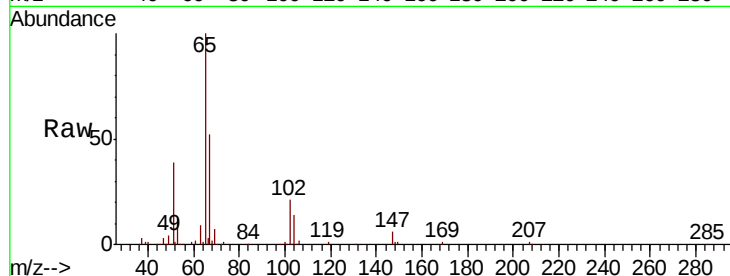




#33
 1,2-Dichloroethane-d4
 Concen: 49.611 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY003513.D
 Acq: 04 Nov 2020 17:25

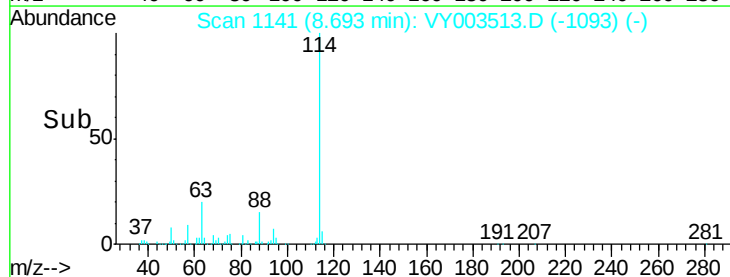
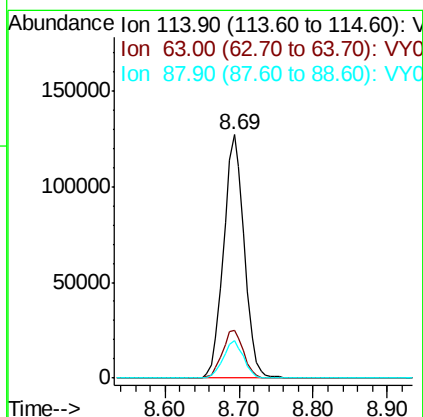
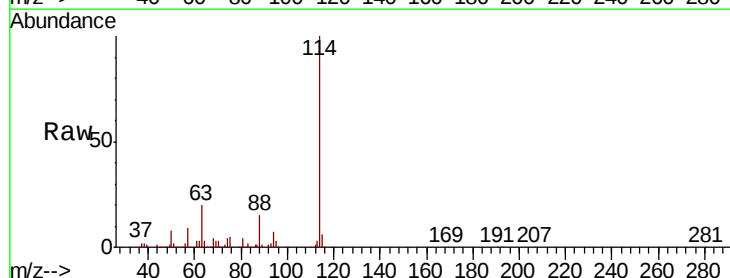
Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-4

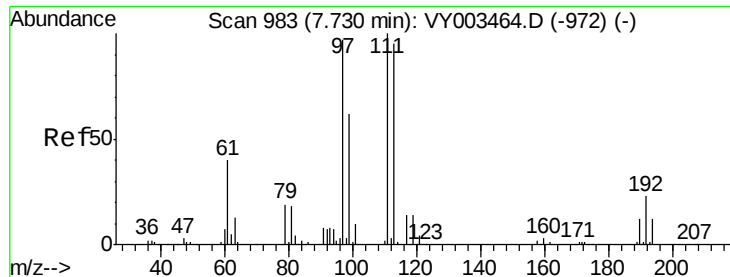
Tot Ion: 65 Resp: 81195
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY003513.D
 Acq: 04 Nov 2020 17:25

Tgt Ion: 114 Resp: 245018
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.6
 88 15.2 0.0 29.4

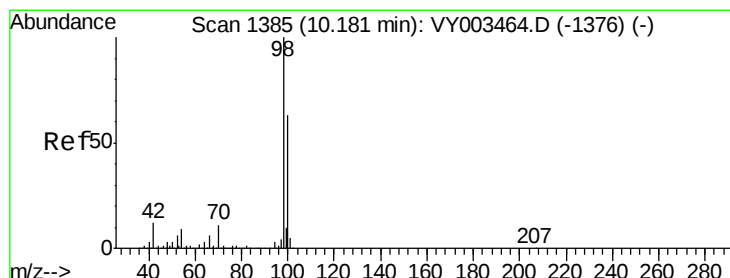
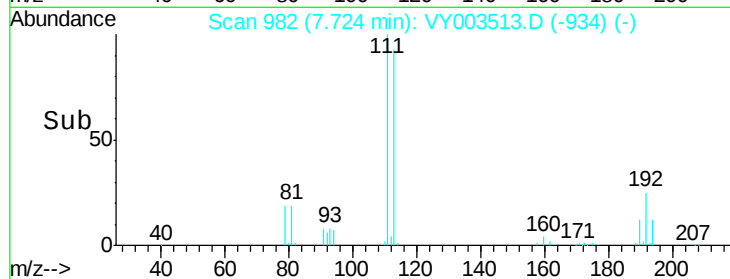
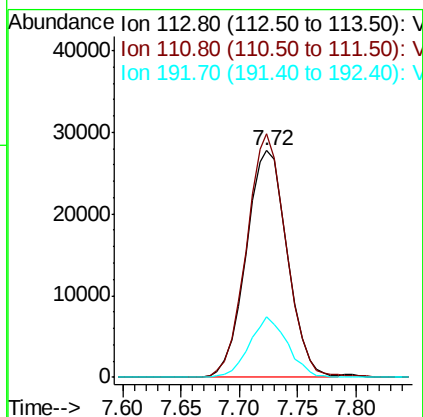
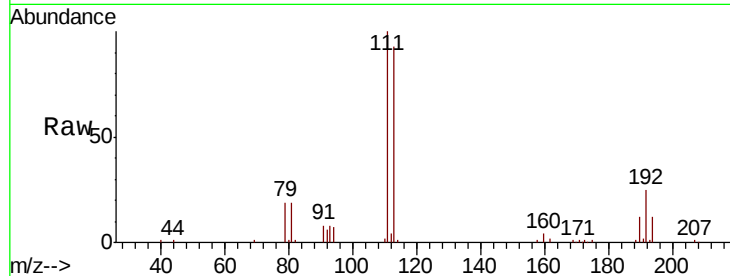




#35
 Dibromofluoromethane
 Concen: 45.910 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY003513.D
 Acq: 04 Nov 2020 17:25

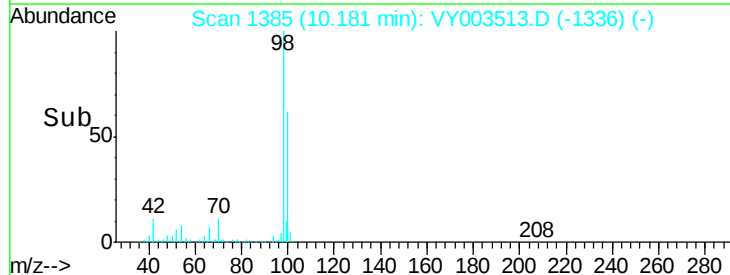
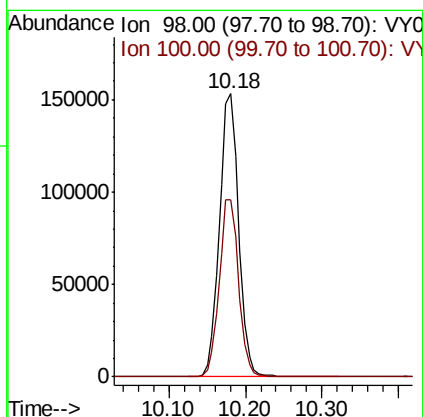
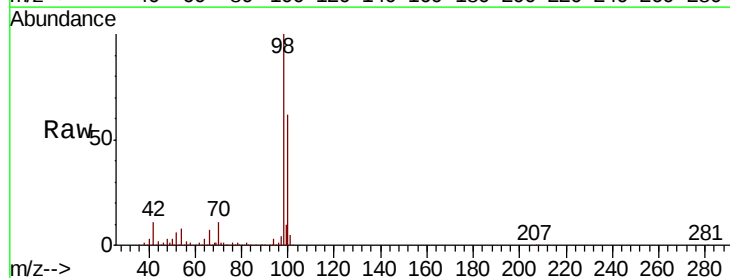
Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-4

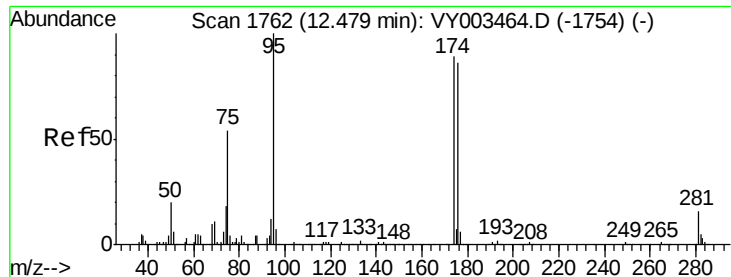
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.8	122.6
192	24.6	18.8	28.2



#50
 Toluene-d8
 Concen: 42.981 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: VY003513.D
 Acq: 04 Nov 2020 17:25

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.0	50.9	76.3

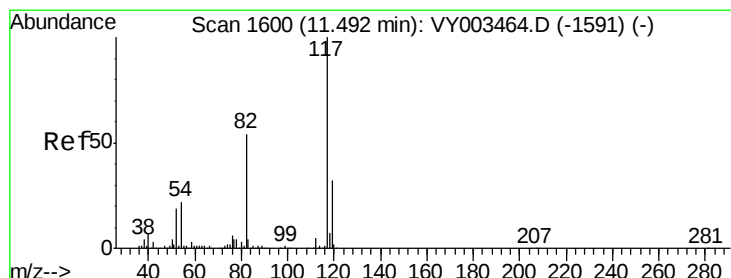
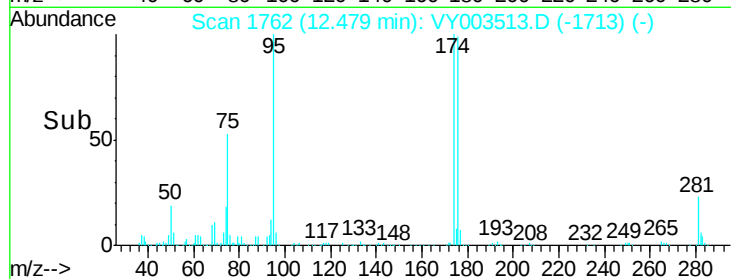
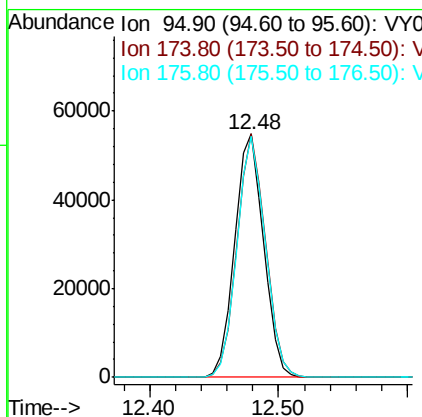
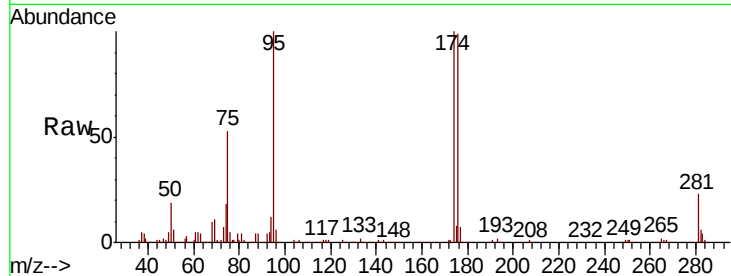




#62
4-Bromofluorobenzene
Concen: 41.486 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY003513.D
Acq: 04 Nov 2020 17:25

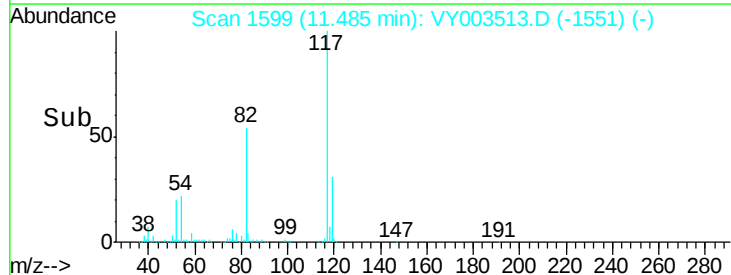
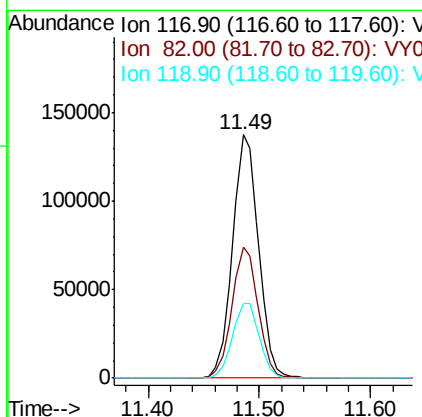
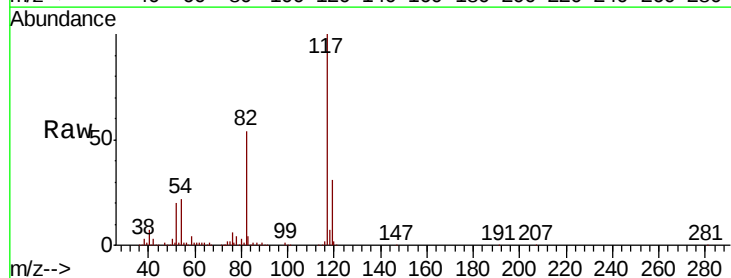
Instrument :
MSVOA_Y
ClientSampled :
DB-4

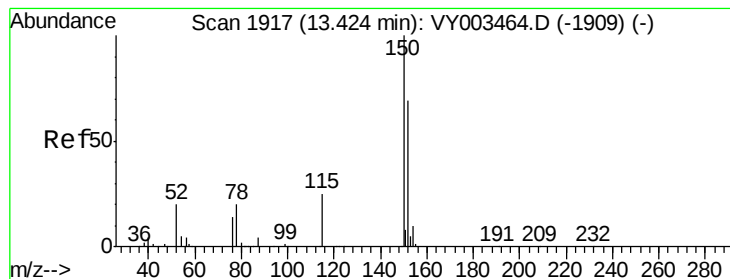
Tot Ion	95	Resp	85259
Ion Ratio	Lower	Upper	
95	100		
174	98.2	0.0	193.0
176	97.2	0.0	187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY003513.D
Acq: 04 Nov 2020 17:25

Tgt Ion	117	Resp	221737
Ion Ratio	Lower	Upper	
117	100		
82	53.7	43.4	65.2
119	30.9	25.8	38.6



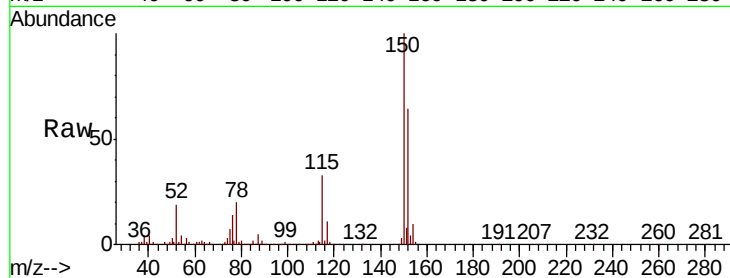


#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.42 min Scan# 1917
 Delta R.T. -0.00 min
 Lab File: VY003513.D
 Acq: 04 Nov 2020 17:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-4

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.9	27.5	82.4
150	156.9	0.0	345.8



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

