

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110719\
 Data File : VY000580.D
 Acq On : 07 Nov 2019 15:05
 Operator : SY/MD
 Sample : K5741-02
 Misc : 5.10G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CSA-2-1-2

Quant Time: Nov 08 04:27:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	244031	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	450460	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	395903	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	172101	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	149130	59.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.10%	
35) Dibromofluoromethane	7.73	113	136055	51.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.90%	
50) Toluene-d8	10.18	98	524317	52.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.50%	
62) 4-Bromofluorobenzene	12.48	95	178588	46.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.50%	

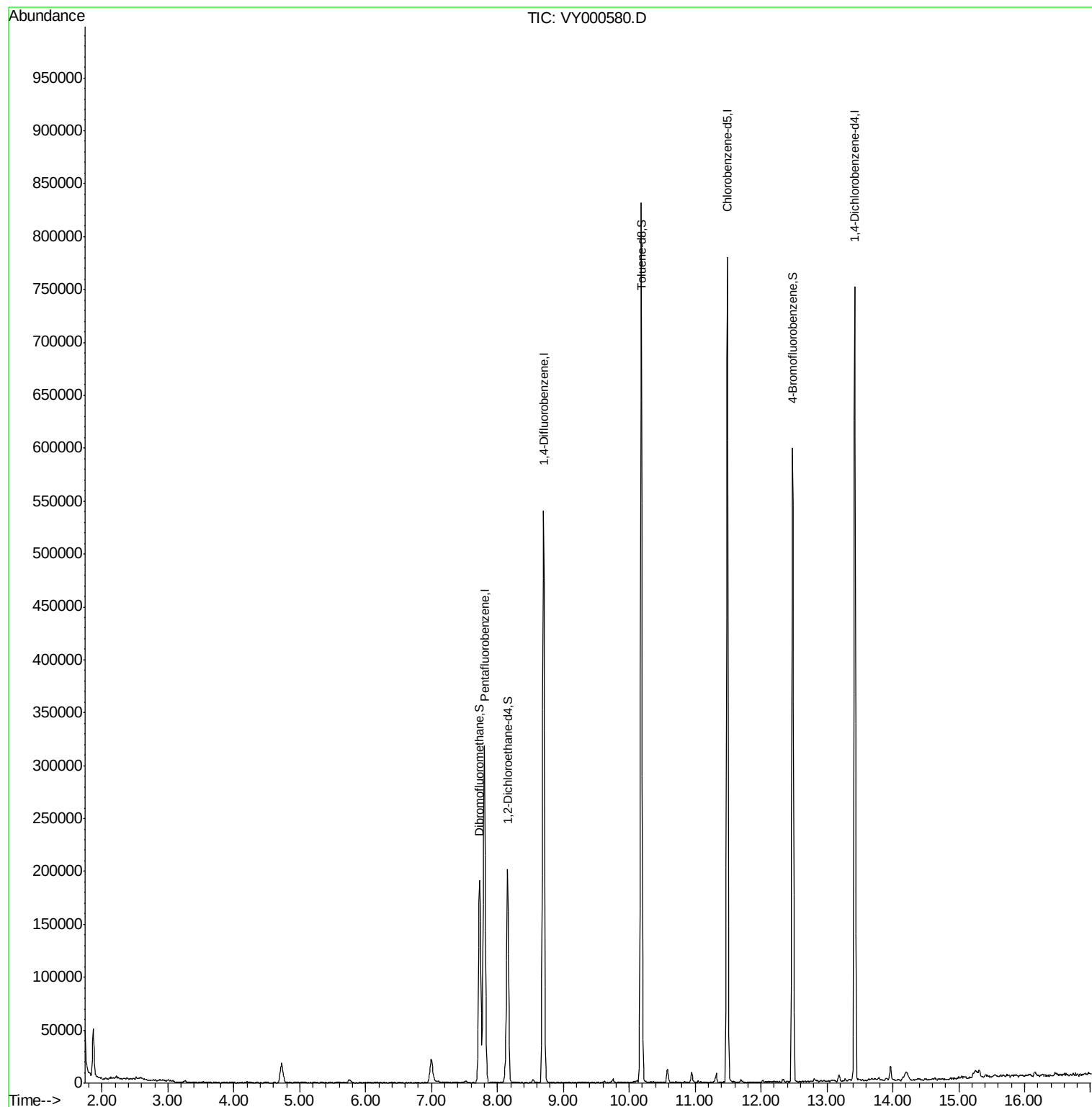
Target Compounds	Qvalue
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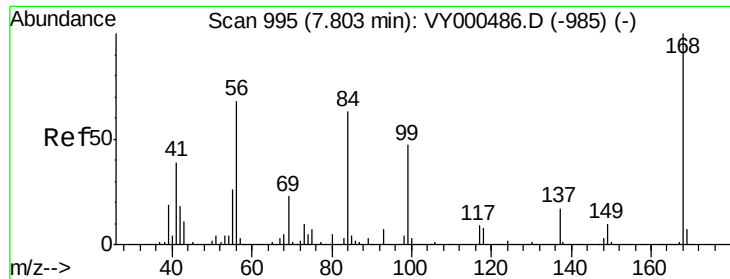
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000580.D

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ClientSampleId :

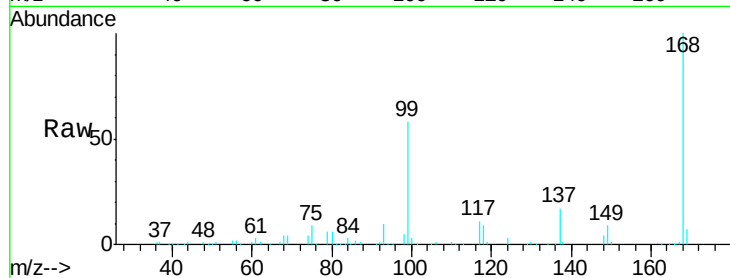
CSA-2-1-2

Tgt Ion:168 Resp: 244031

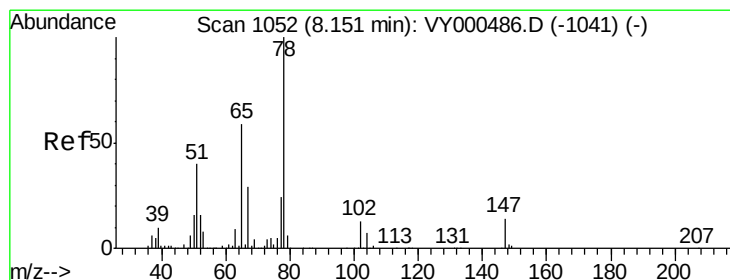
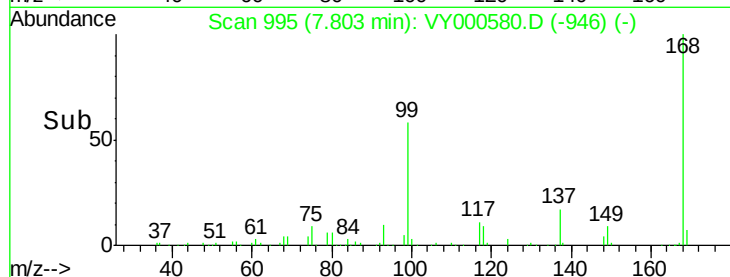
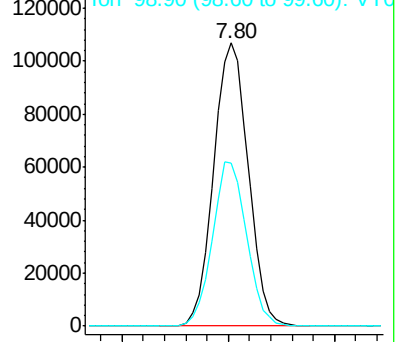
Ion Ratio Lower Upper

168 100

99 57.7 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)



#33

1,2-Dichloroethane-d4

Concen: 59.052 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VY000580.D

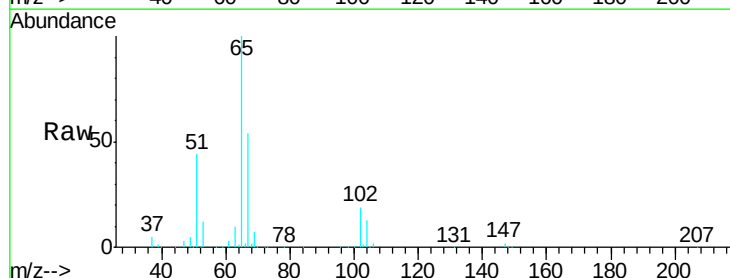
Acq: 07 Nov 2019 15:05

Tgt Ion: 65 Resp: 149130

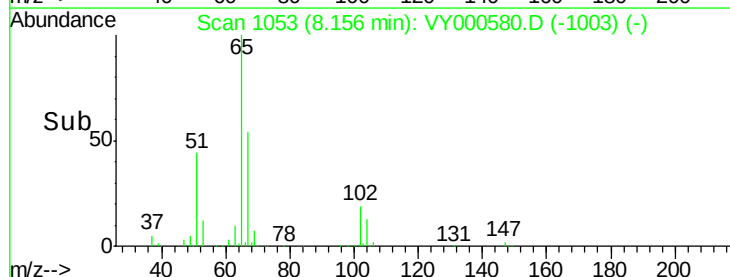
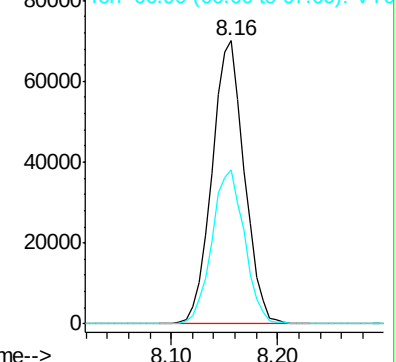
Ion Ratio Lower Upper

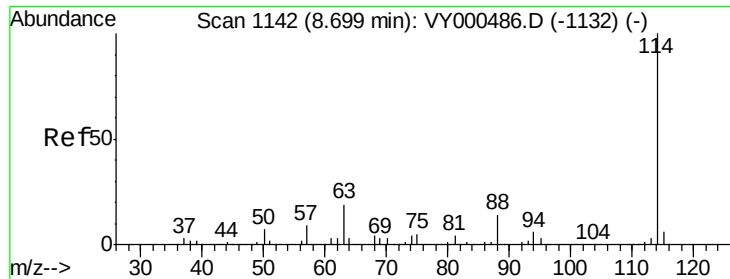
65 100

67 55.0 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY000486.D (-1041) (-)

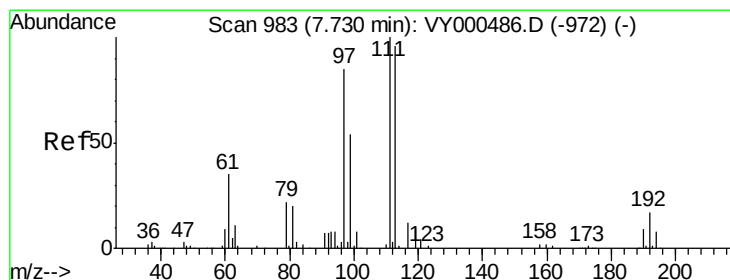
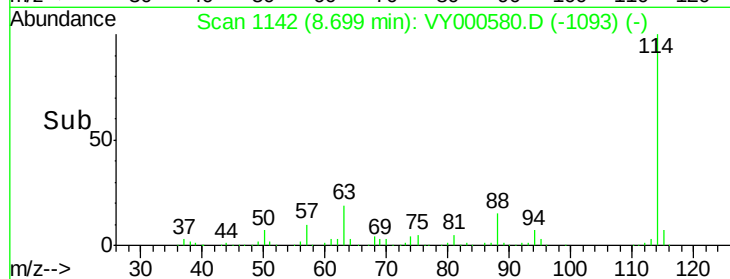
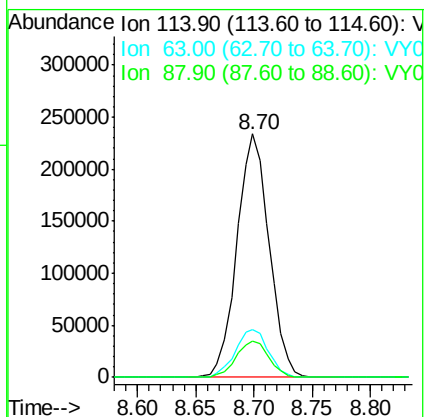
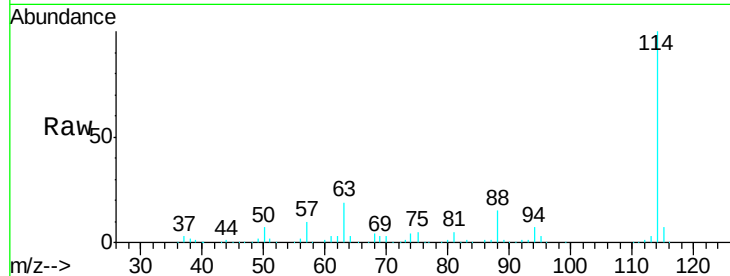




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000580.D
 Acq: 07 Nov 2019 15:05

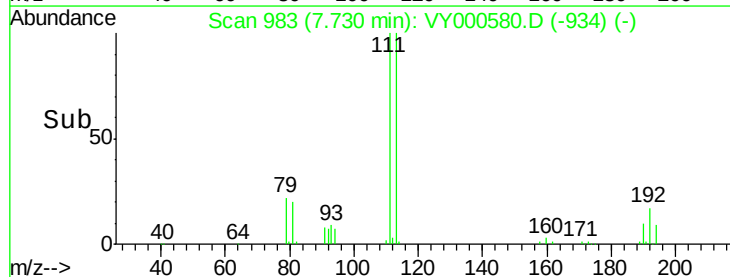
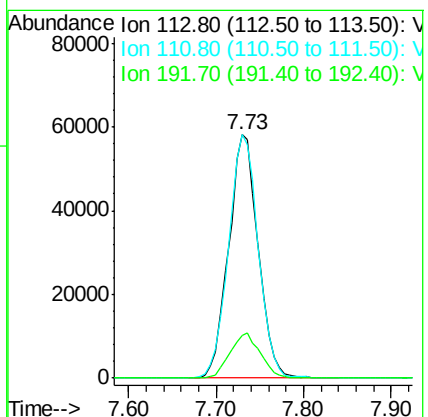
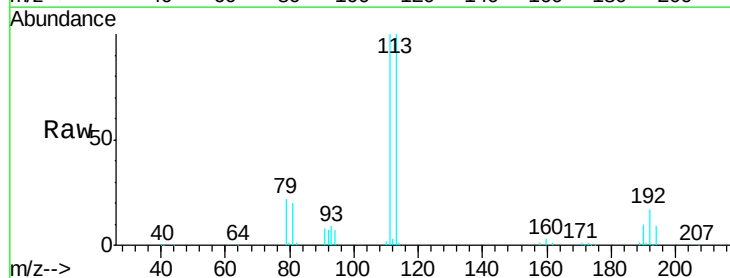
Instrument :
 MSVOA_Y
 ClientSampleId :
 CSA-2-1-2

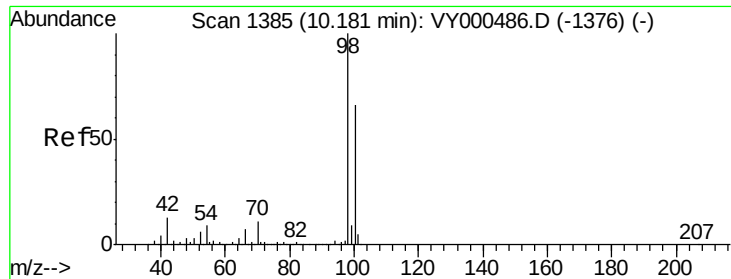
Tgt Ion:114 Resp: 450460
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.0
 88 14.9 0.0 28.6



#35
 Dibromofluoromethane
 Concen: 51.448 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000580.D
 Acq: 07 Nov 2019 15:05

Tgt Ion:113 Resp: 136055
 Ion Ratio Lower Upper
 113 100
 111 100.8 81.7 122.5
 192 18.9 15.0 22.4





#50

Toluene-d8

Concen: 52.252 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000580.D

Acq: 07 Nov 2019 15:05

Instrument :

MSVOA_Y

ClientSampleId :

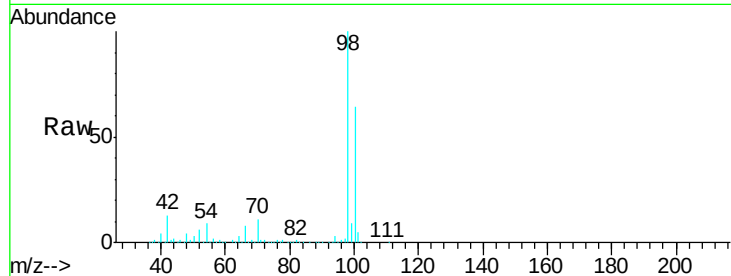
CSA-2-1-2

Tgt Ion: 98 Resp: 524317

Ion Ratio Lower Upper

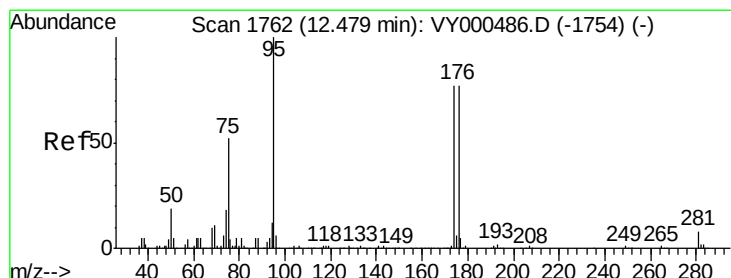
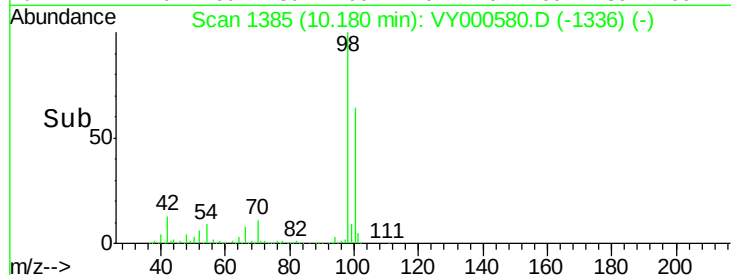
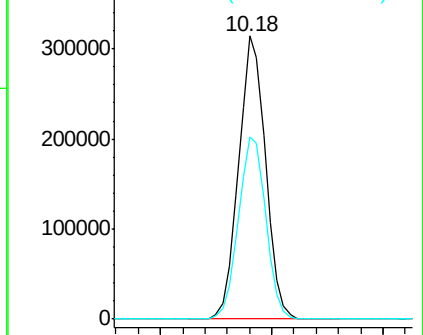
98 100

100 65.5 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 46.750 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000580.D

Acq: 07 Nov 2019 15:05

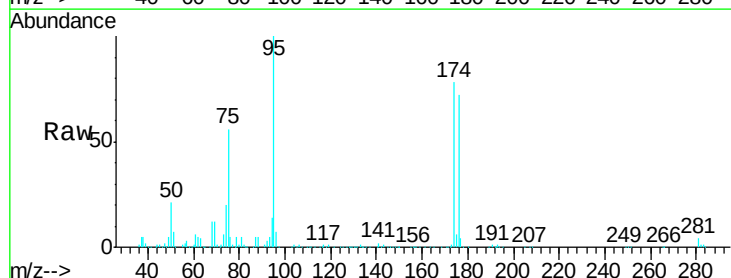
Tgt Ion: 95 Resp: 178588

Ion Ratio Lower Upper

95 100

174 77.7 0.0 161.6

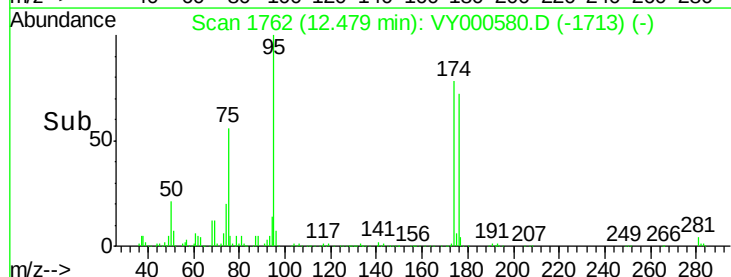
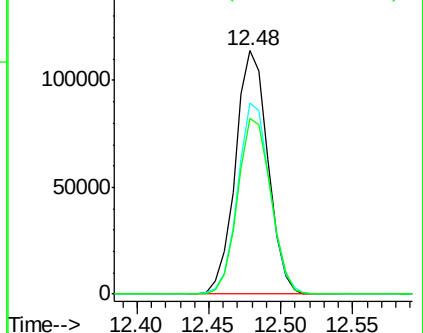
176 73.8 0.0 157.8

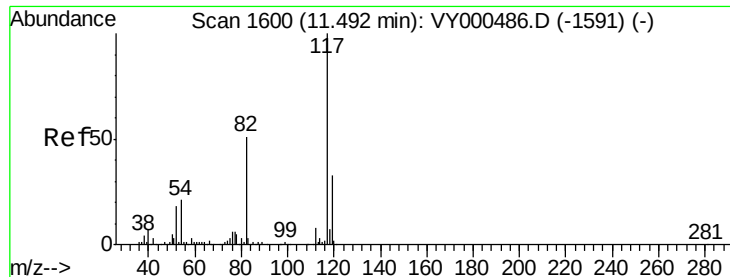


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

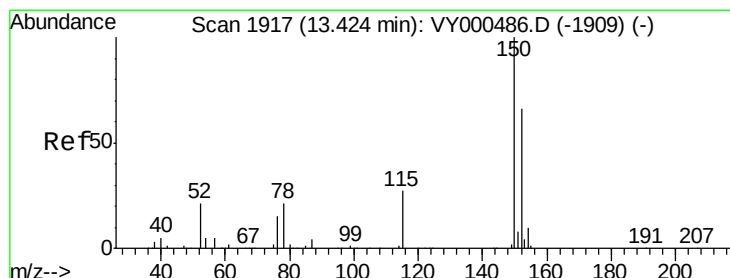
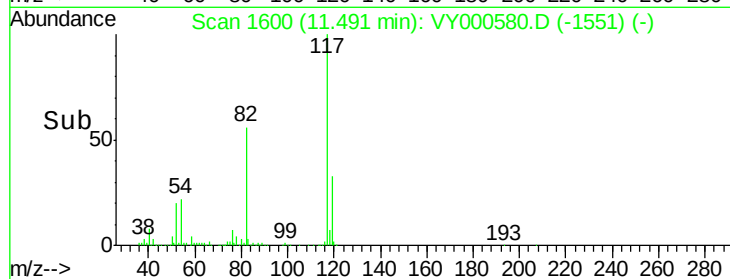
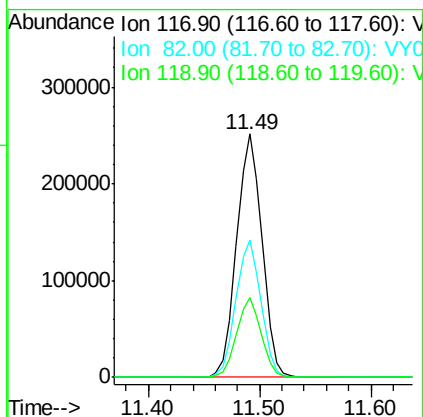
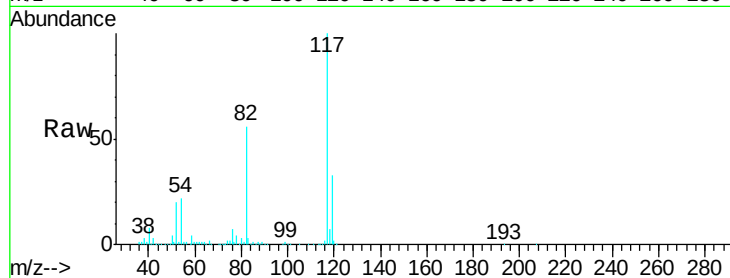




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000580.D
Acq: 07 Nov 2019 15:05

Instrument :
MSVOA_Y
ClientSampleId :
CSA-2-1-2

Tgt Ion:117 Resp: 395903
Ion Ratio Lower Upper
117 100
82 56.3 40.8 61.2
119 32.8 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000580.D
Acq: 07 Nov 2019 15:05

Tgt Ion:152 Resp: 172101
Ion Ratio Lower Upper
152 100
115 61.0 29.1 87.4
150 158.5 0.0 348.8

