

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030923\
 Data File : VY012898.D
 Acq On : 09 Mar 2023 14:53
 Operator : KP/MD
 Sample : 01837-01
 Misc : 14.17g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CB-23-3.5-030723

Quant Time: Mar 10 00:31:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

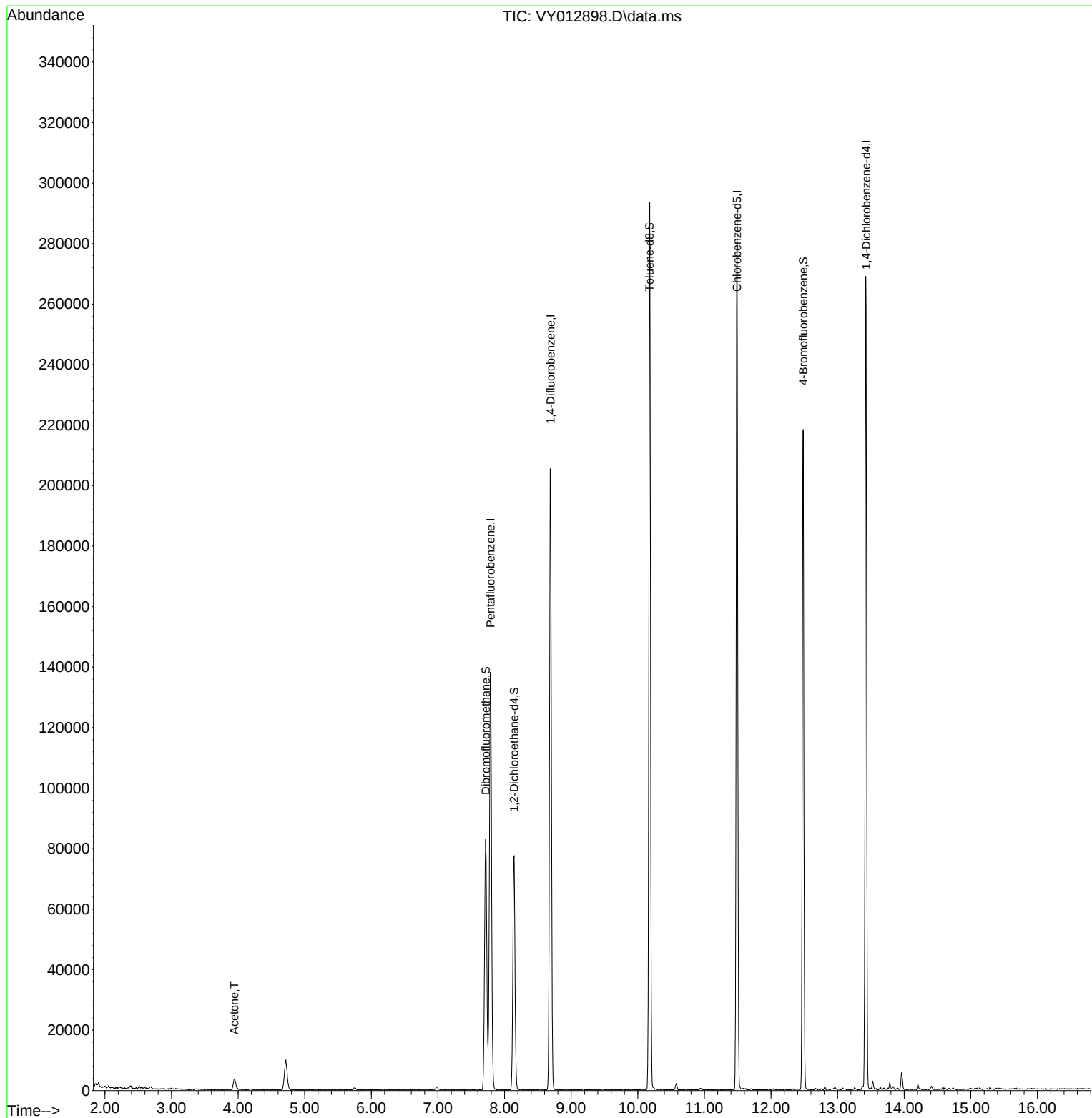
Internal Standards						
1) Pentafluorobenzene	7.789	168	107525	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	175652	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	152280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	69354	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	61061	57.196	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.400%
35) Dibromofluoromethane	7.716	113	57629	54.364	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.720%
50) Toluene-d8	10.179	98	186183	48.043	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.080%
62) 4-Bromofluorobenzene	12.483	95	60908	46.565	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.120%
Target Compounds						
16) Acetone	3.942	43	6642	15.851	ug/l	95

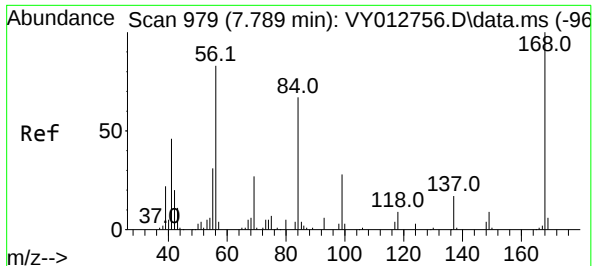
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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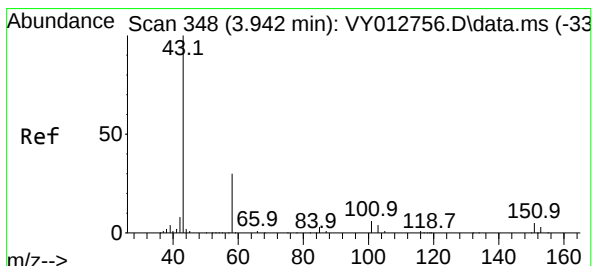
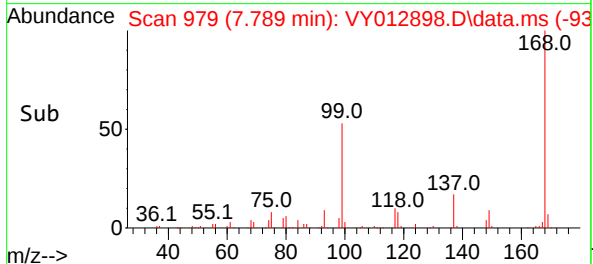
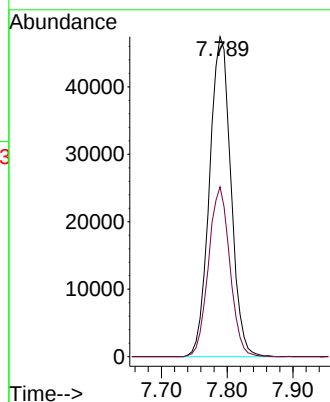
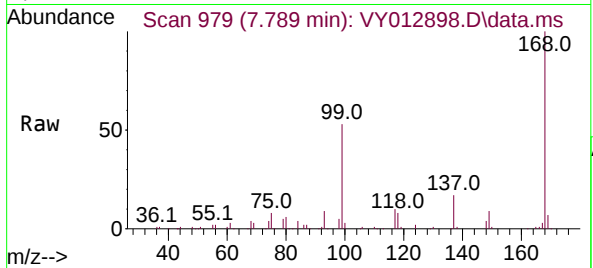




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012898.D
Acq: 09 Mar 2023 14:53

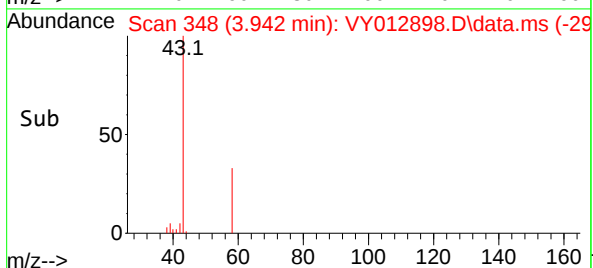
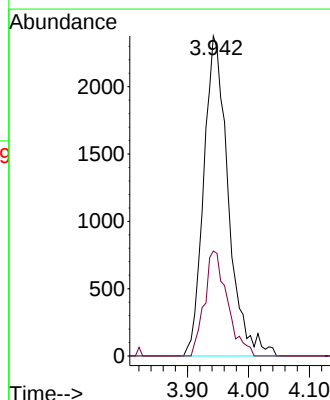
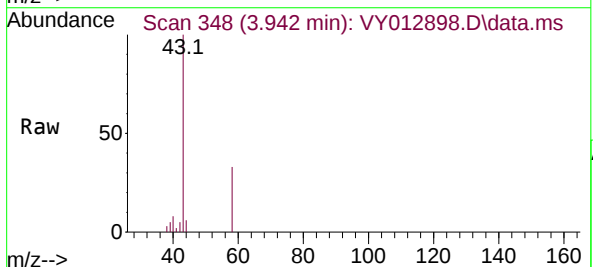
Instrument :
MSVOA_Y
ClientSampleId :
CB-23-3.5-030723

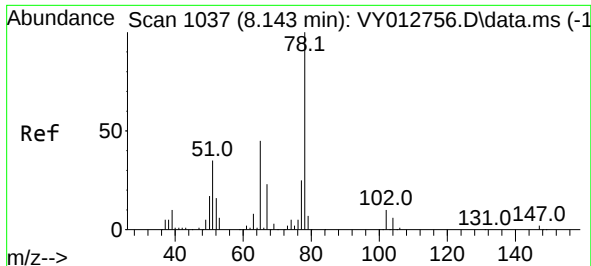
Tgt Ion:168 Resp: 107525
Ion Ratio Lower Upper
168 100
99 53.1 41.7 62.5



#16
Acetone
Concen: 15.851 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY012898.D
Acq: 09 Mar 2023 14:53

Tgt Ion: 43 Resp: 6642
Ion Ratio Lower Upper
43 100
58 32.8 24.2 36.2





#33

1,2-Dichloroethane-d4

Concen: 57.196 ug/l

RT: 8.143 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY012898.D

Acq: 09 Mar 2023 14:53

Instrument :

MSVOA_Y

ClientSampleId :

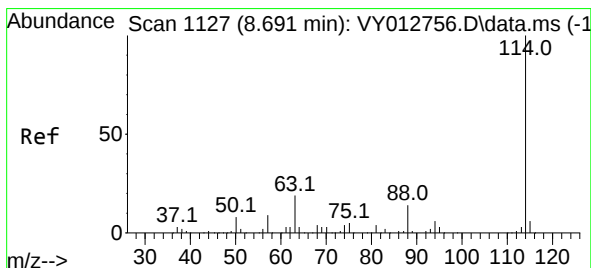
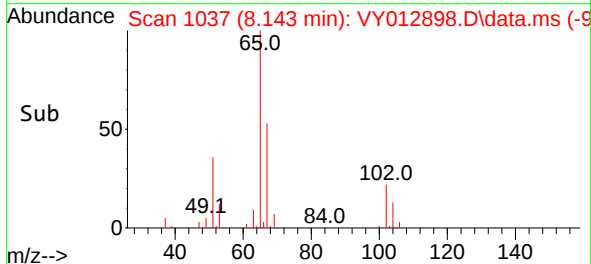
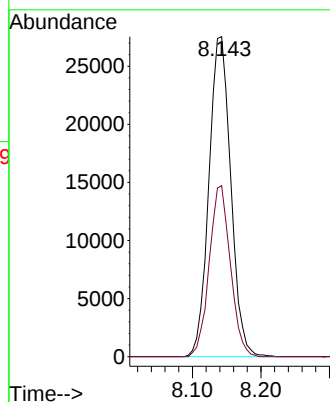
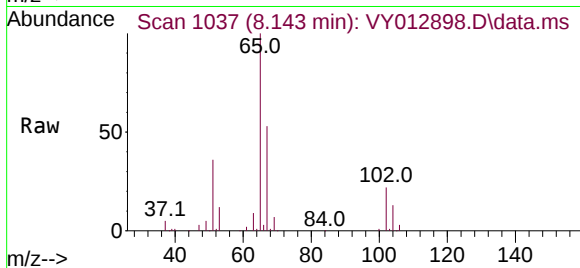
CB-23-3.5-030723

Tgt Ion: 65 Resp: 61061

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012898.D

Acq: 09 Mar 2023 14:53

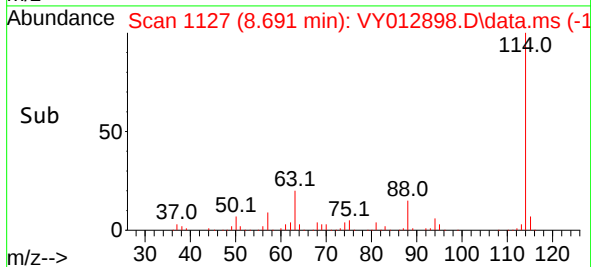
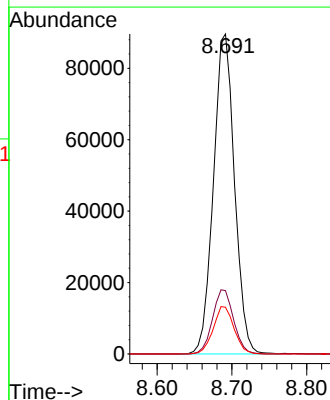
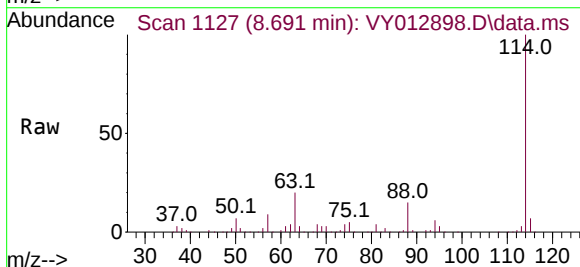
Tgt Ion: 114 Resp: 175652

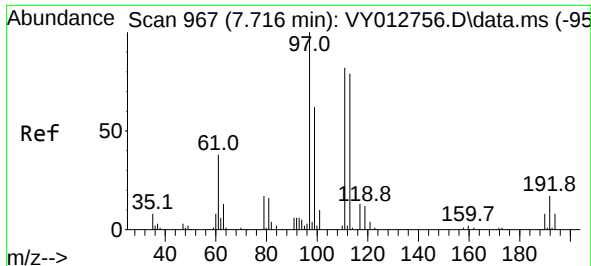
Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.4

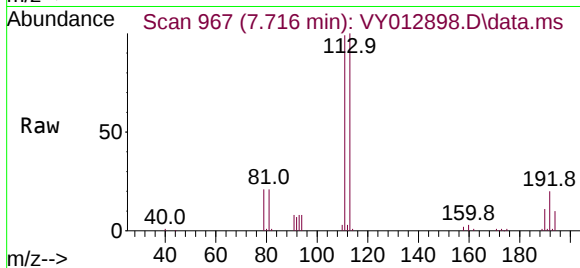
88 14.6 0.0 28.6





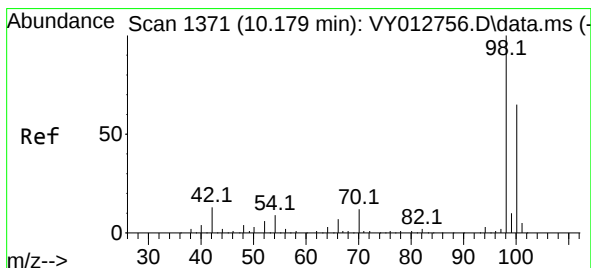
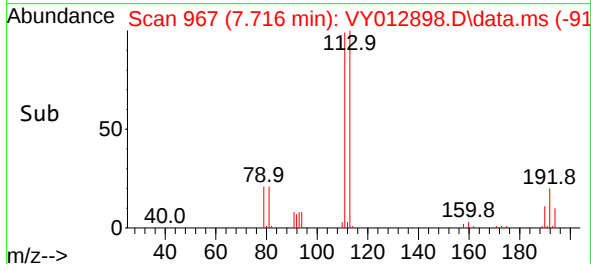
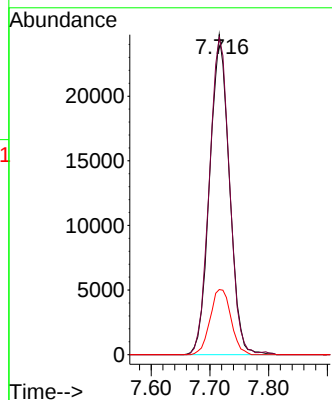
#35
Dibromofluoromethane
Concen: 54.364 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY012898.D
Acq: 09 Mar 2023 14:53

Instrument :
MSVOA_Y
ClientSampleId :
CB-23-3.5-030723



Tgt Ion:113 Resp: 57629

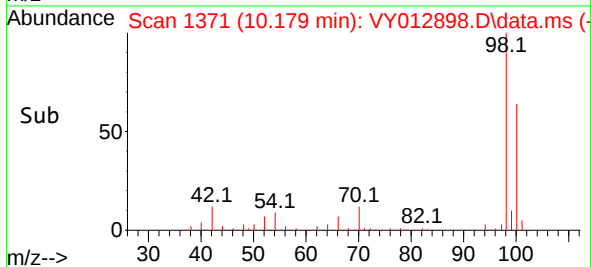
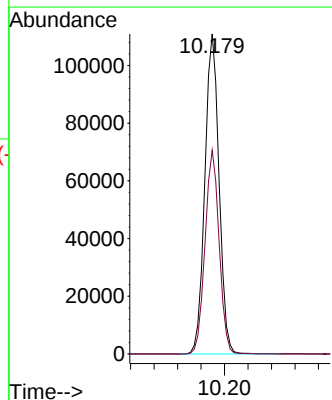
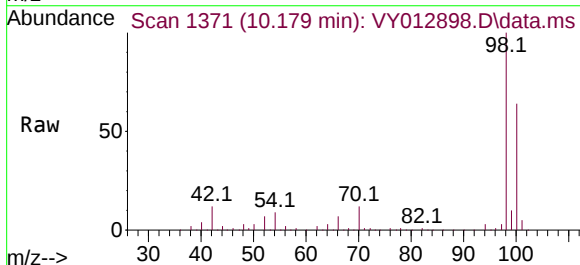
Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.2	123.2
192	21.6	16.8	25.2

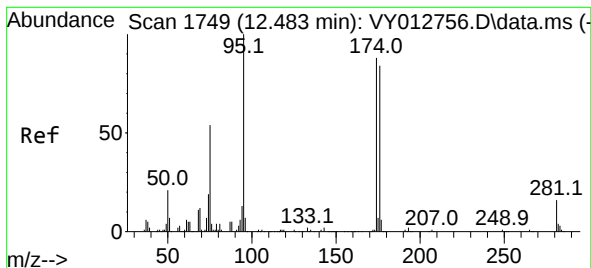


#50
Toluene-d8
Concen: 48.043 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012898.D
Acq: 09 Mar 2023 14:53

Tgt Ion: 98 Resp: 186183

Ion	Ratio	Lower	Upper
98	100		
100	63.2	50.9	76.3

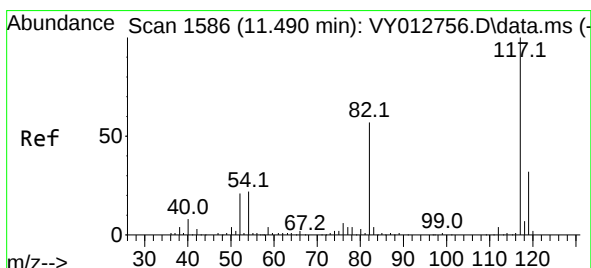
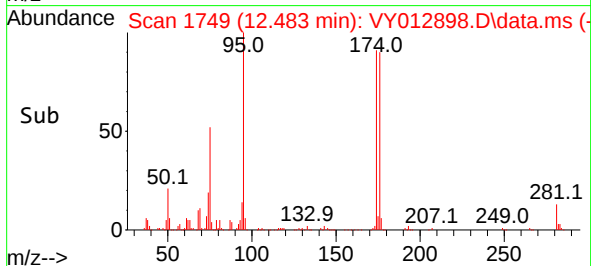
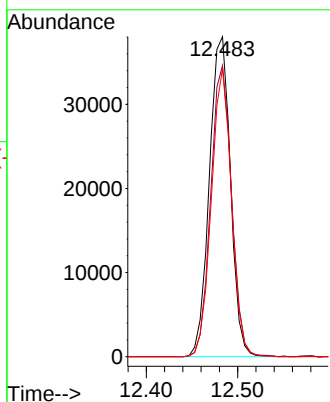
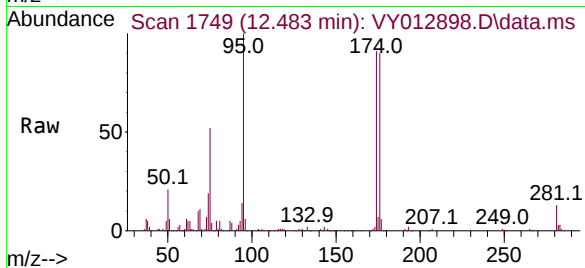




#62
4-Bromofluorobenzene
Concen: 46.565 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012898.D
Acq: 09 Mar 2023 14:53

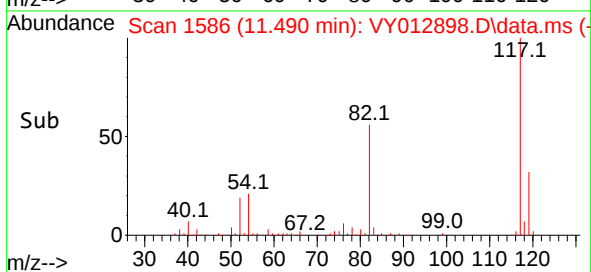
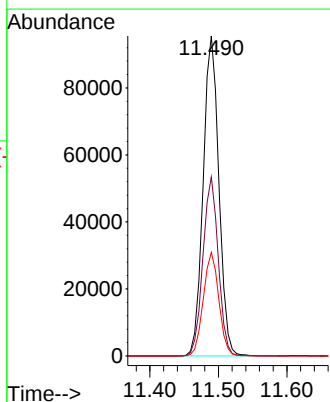
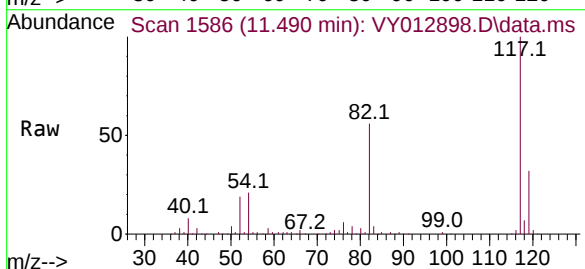
Instrument :
MSVOA_Y
ClientSampleId :
CB-23-3.5-030723

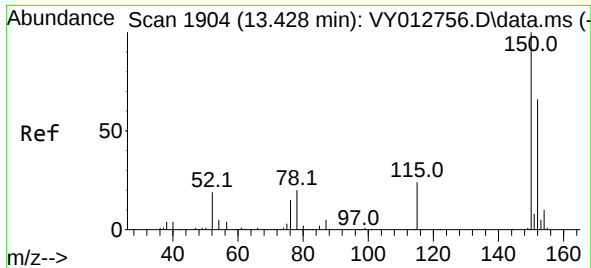
Tgt Ion:	95	Resp:	60908
Ion Ratio	Lower	Upper	
95	100		
174	89.8	0.0	176.6
176	86.2	0.0	170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY012898.D
Acq: 09 Mar 2023 14:53

Tgt Ion:	117	Resp:	152280
Ion Ratio	Lower	Upper	
117	100		
82	56.0	45.4	68.0
119	32.4	25.6	38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012898.D

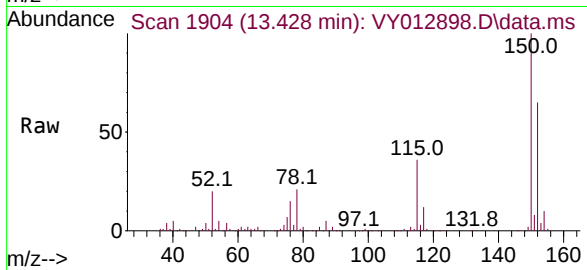
Acq: 09 Mar 2023 14:53

Instrument :

MSVOA_Y

ClientSampleId :

CB-23-3.5-030723



Tgt Ion:152 Resp: 69354

Ion Ratio Lower Upper

152 100

115 56.8 27.1 81.3

150 157.6 0.0 347.8

