

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041423\
 Data File : VY013325.D
 Acq On : 14 Apr 2023 17:41
 Operator : KP/MD
 Sample : 02357-02
 Misc : 4.58g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P2-S2-230413

Quant Time: Apr 17 02:15:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

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

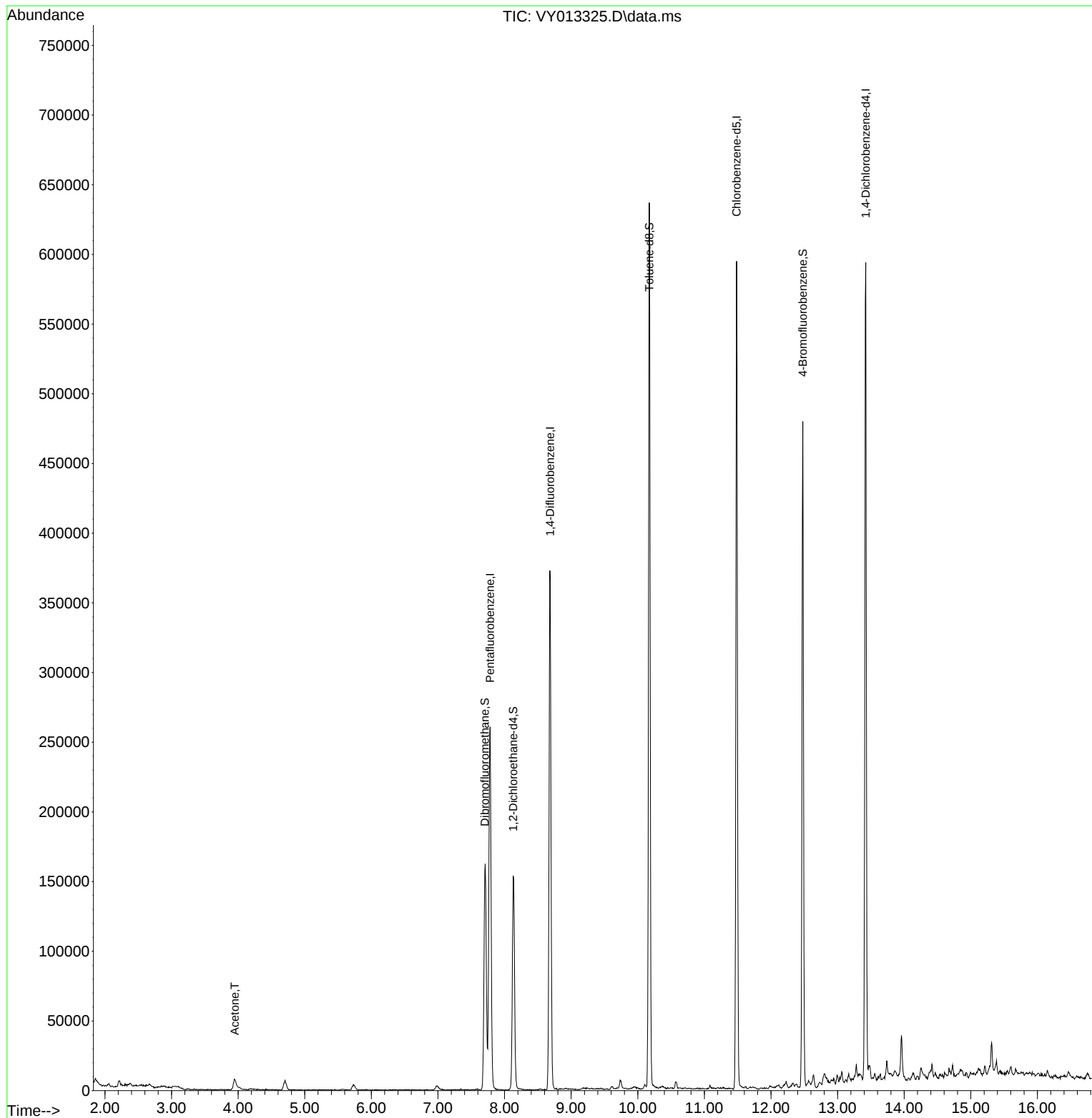
Internal Standards						
1) Pentafluorobenzene	7.783	168	208176	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	324877	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	314021	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	158935	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	129198	51.642	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.280%	
35) Dibromofluoromethane	7.704	113	115930	55.120	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.240%	
50) Toluene-d8	10.173	98	410817	52.477	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.960%	
62) 4-Bromofluorobenzene	12.477	95	132779	52.201	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.400%	
Target Compounds						
16) Acetone	3.948	43	16335	18.990	ug/l	Qvalue 97

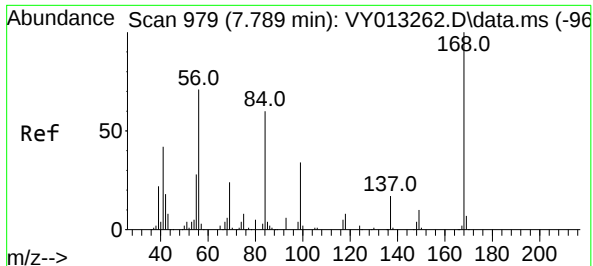
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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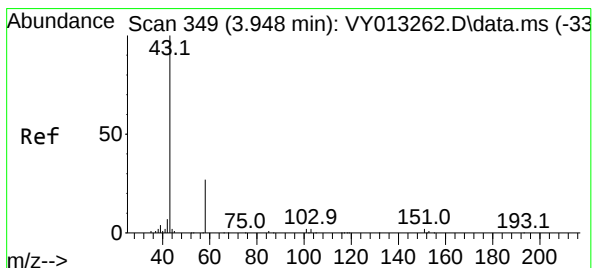
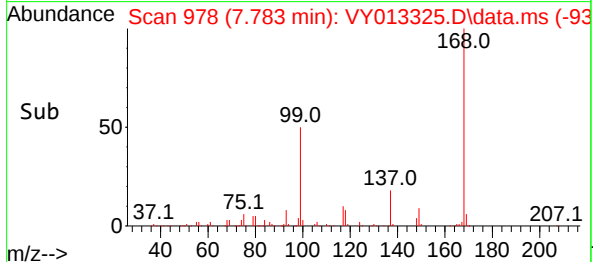
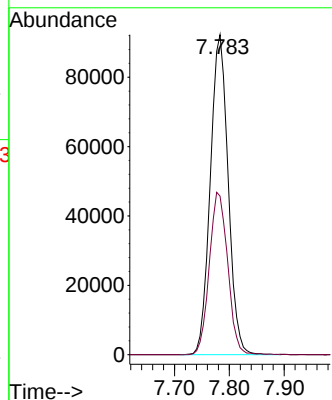
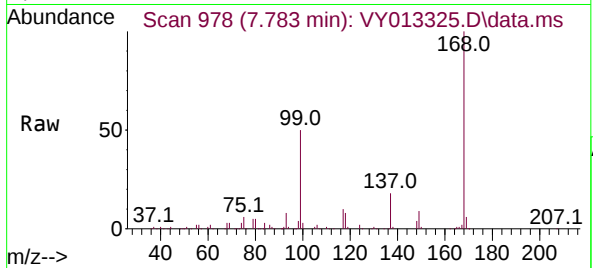




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013325.D
Acq: 14 Apr 2023 17:41

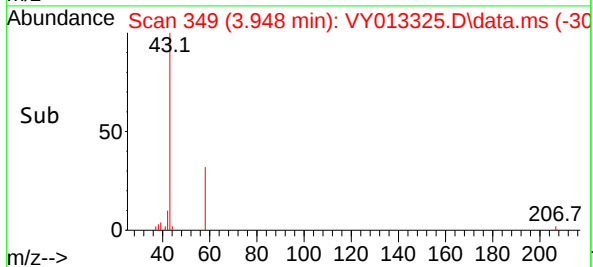
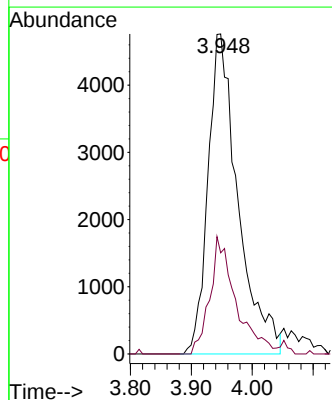
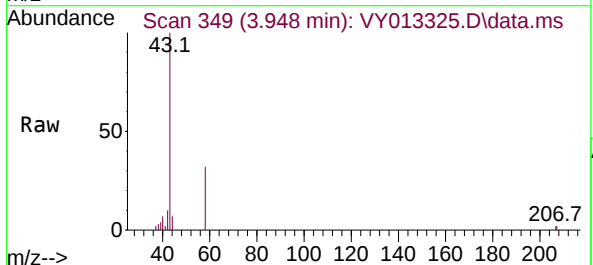
Instrument :
MSVOA_Y
ClientSampleId :
P2-S2-230413

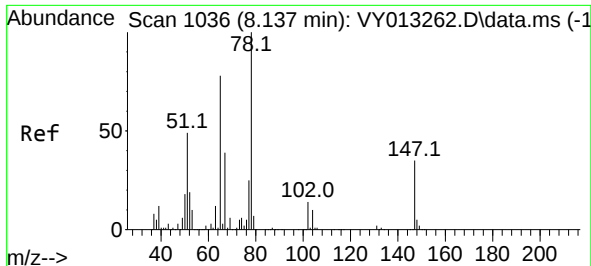
Tgt Ion:168 Resp: 208176
Ion Ratio Lower Upper
168 100
99 49.6 41.7 62.5



#16
Acetone
Concen: 18.990 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY013325.D
Acq: 14 Apr 2023 17:41

Tgt Ion: 43 Resp: 16335
Ion Ratio Lower Upper
43 100
58 31.6 24.2 36.2





#33

1,2-Dichloroethane-d4

Concen: 51.642 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY013325.D

Acq: 14 Apr 2023 17:41

Instrument :

MSVOA_Y

ClientSampleId :

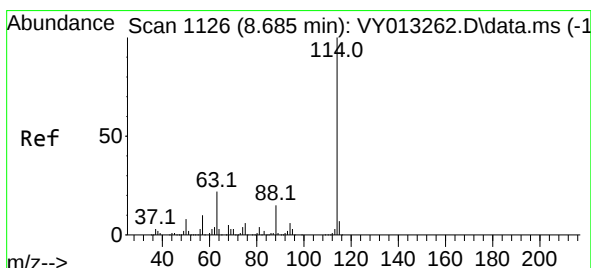
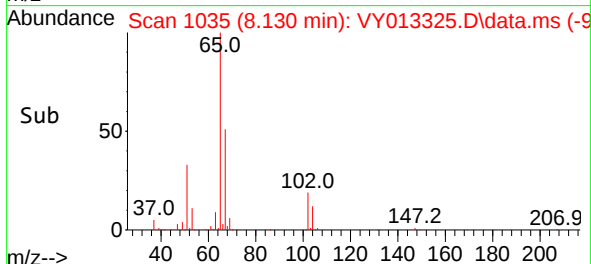
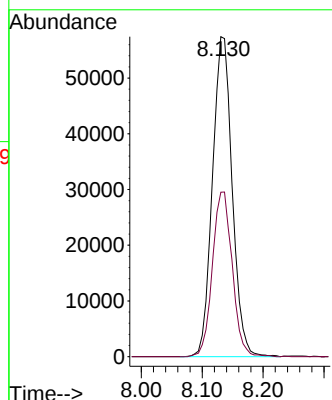
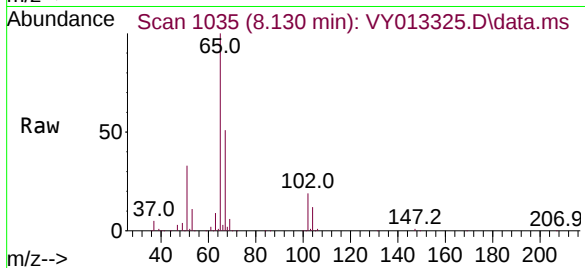
P2-S2-230413

Tgt Ion: 65 Resp: 129198

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY013325.D

Acq: 14 Apr 2023 17:41

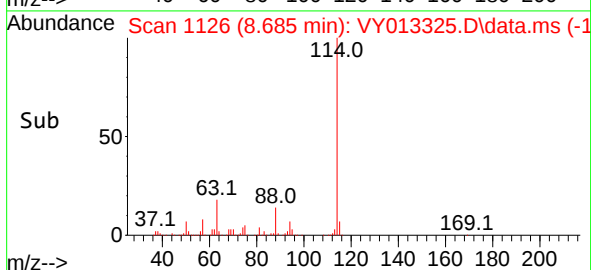
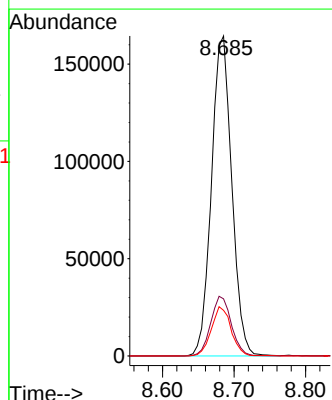
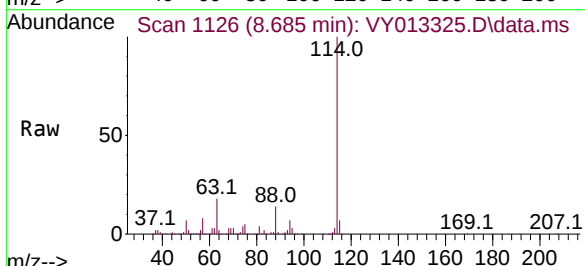
Tgt Ion: 114 Resp: 324877

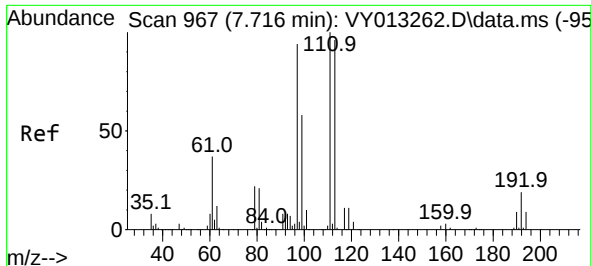
Ion Ratio Lower Upper

114 100

63 17.9 0.0 37.4

88 14.2 0.0 28.6



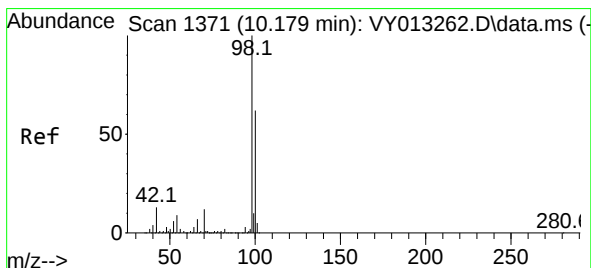
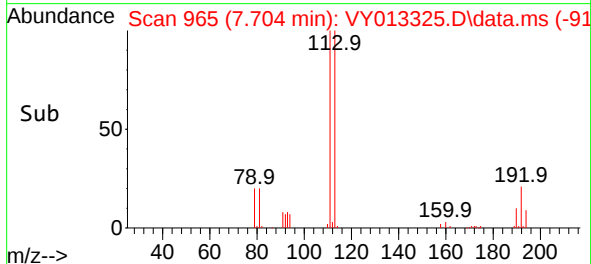
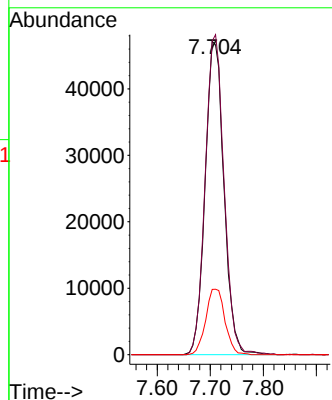
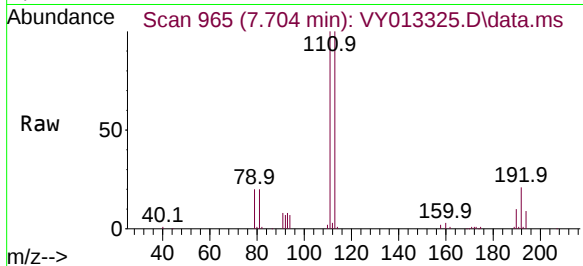


#35
 Dibromofluoromethane
 Concen: 55.120 ug/l
 RT: 7.704 min Scan# 91
 Delta R.T. -0.012 min
 Lab File: VY013325.D
 Acq: 14 Apr 2023 17:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 P2-S2-230413

Tgt Ion:113 Resp: 115930

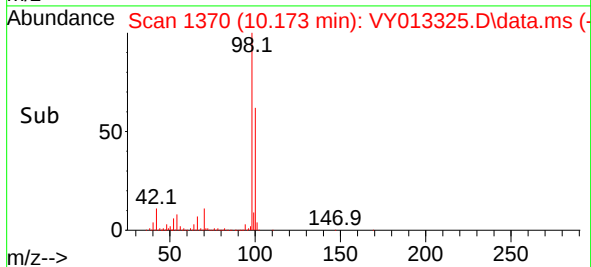
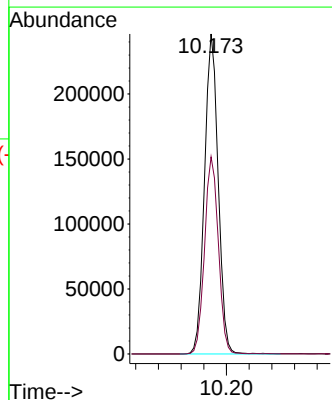
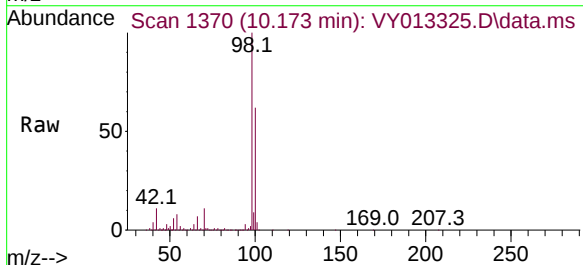
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.2	123.2
192	21.3	16.8	25.2

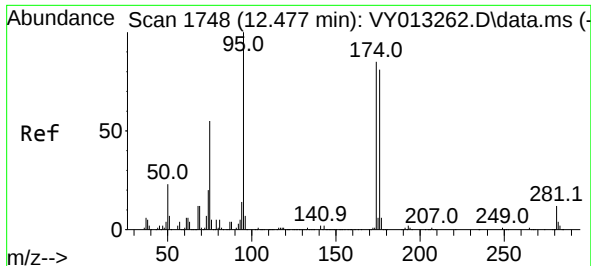


#50
 Toluene-d8
 Concen: 52.477 ug/l
 RT: 10.173 min Scan# 1370
 Delta R.T. -0.006 min
 Lab File: VY013325.D
 Acq: 14 Apr 2023 17:41

Tgt Ion: 98 Resp: 410817

Ion	Ratio	Lower	Upper
98	100		
100	62.2	50.9	76.3

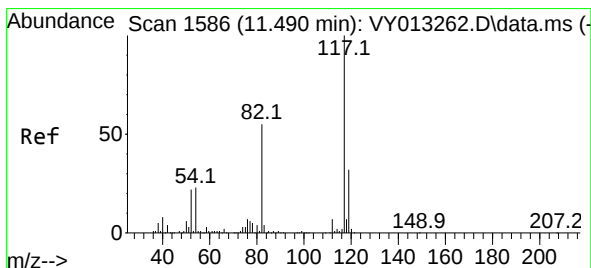
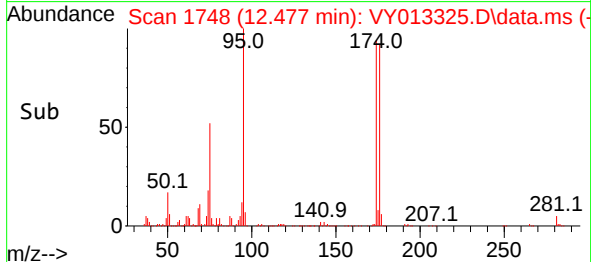
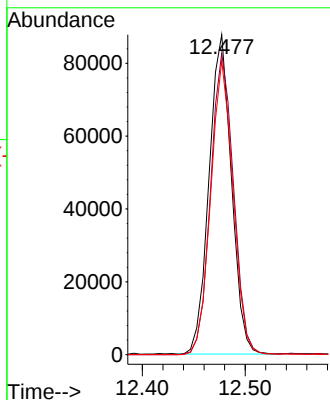
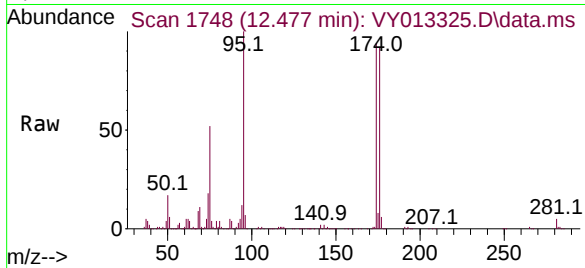




#62
4-Bromofluorobenzene
Concen: 52.201 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013325.D
Acq: 14 Apr 2023 17:41

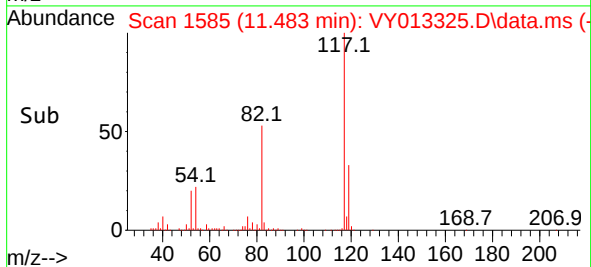
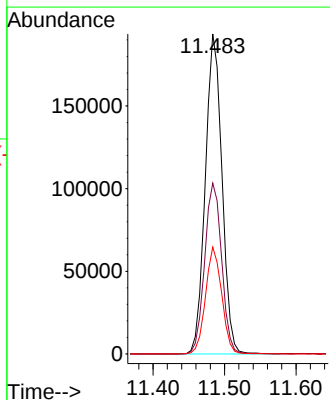
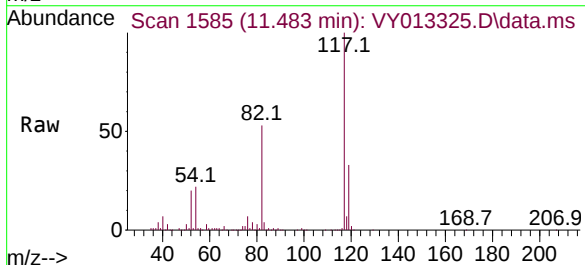
Instrument :
MSVOA_Y
ClientSampleId :
P2-S2-230413

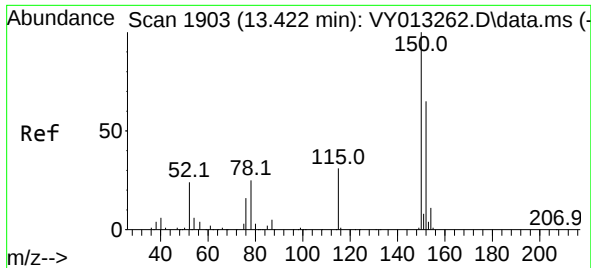
Tgt Ion: 95 Resp: 132779
Ion Ratio Lower Upper
95 100
174 96.4 0.0 176.6
176 91.8 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY013325.D
Acq: 14 Apr 2023 17:41

Tgt Ion: 117 Resp: 314021
Ion Ratio Lower Upper
117 100
82 53.4 45.4 68.0
119 33.4 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY013325.D

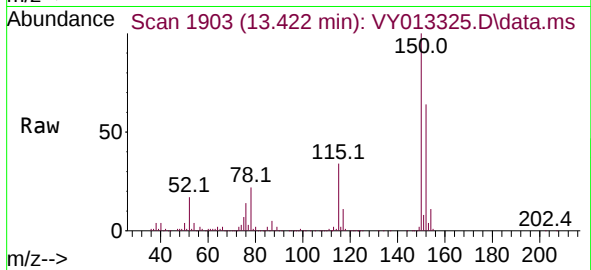
Acq: 14 Apr 2023 17:41

Instrument :

MSVOA_Y

ClientSampleId :

P2-S2-230413



Tgt Ion:152 Resp: 158935

Ion Ratio Lower Upper

152 100

115 55.2 27.1 81.3

150 157.7 0.0 347.8

