

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
 Data File : VY009667.D
 Acq On : 22 Jul 2022 18:10
 Operator : KP/MD
 Sample : N3837-04
 Misc : 4.77g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PX-4

Quant Time: Jul 23 00:55:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

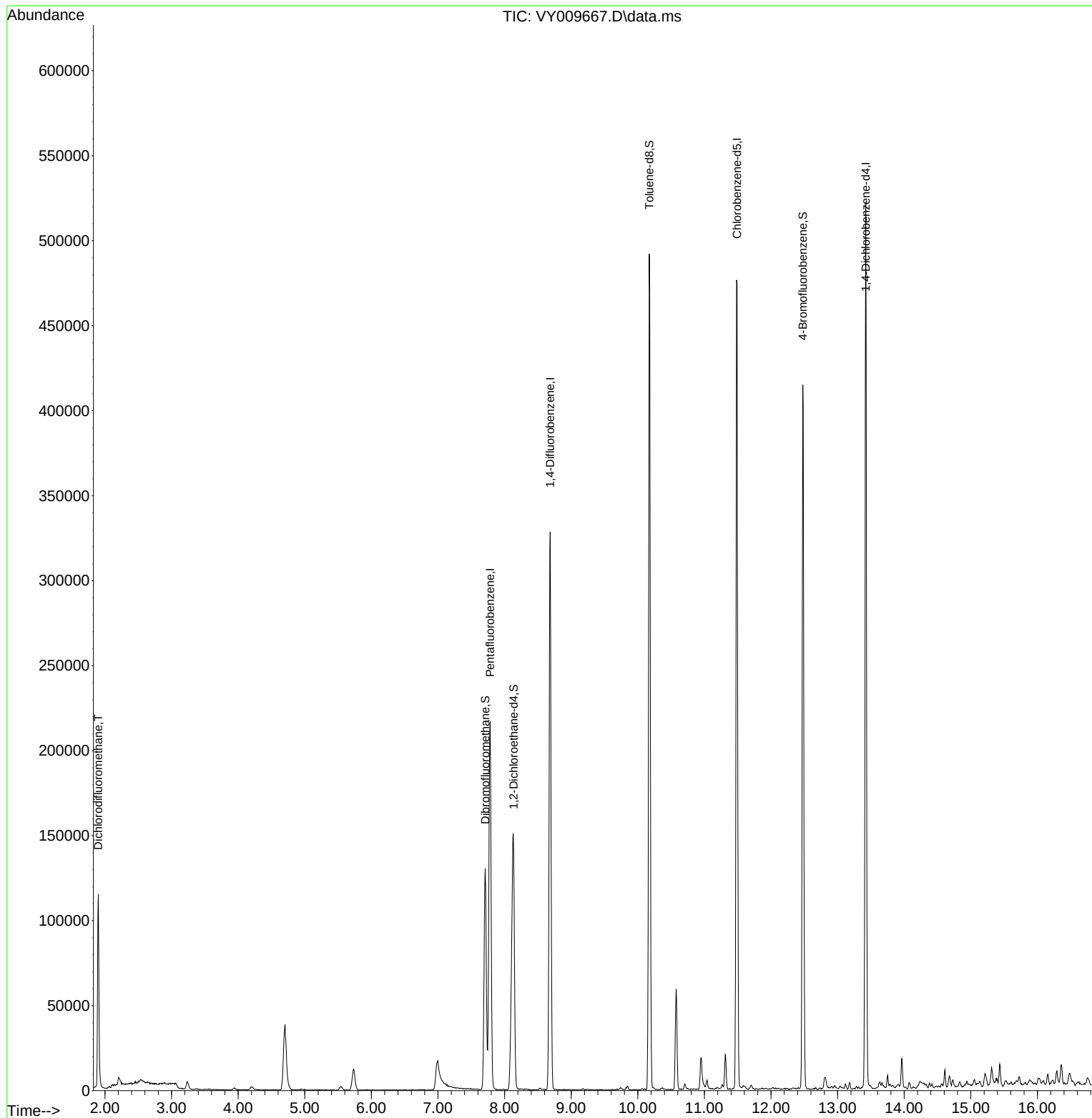
Internal Standards						
1) Pentafluorobenzene	7.783	168	184741	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	292821	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	276777	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	137555	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	96563	55.267	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.540%
35) Dibromofluoromethane	7.710	113	90595	49.109	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.220%
50) Toluene-d8	10.173	98	329364	46.443	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	92.880%
62) 4-Bromofluorobenzene	12.477	95	112924	49.141	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	98.280%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	90267	55.685	ug/l	100

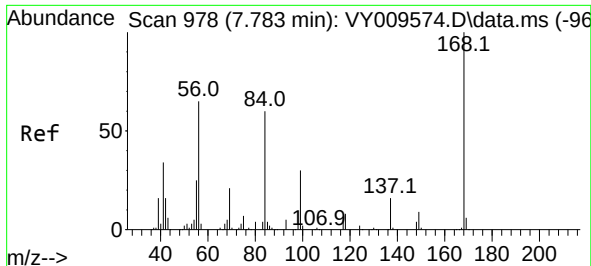
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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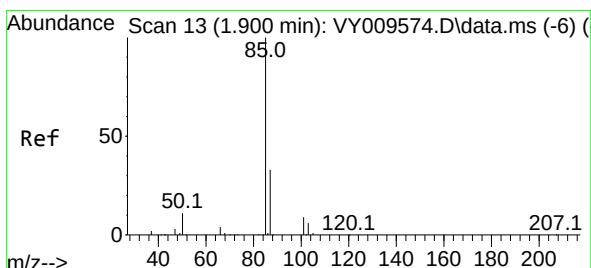
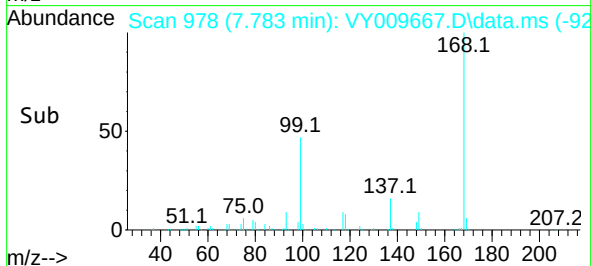
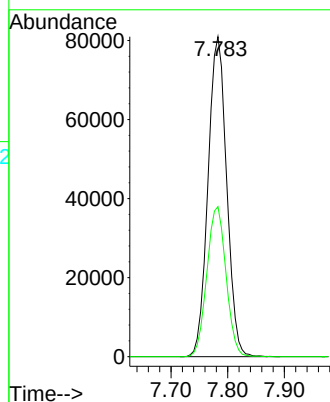
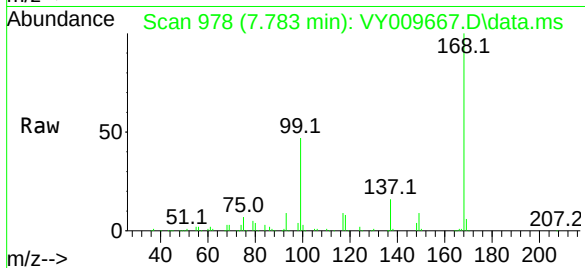




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009667.D
Acq: 22 Jul 2022 18:10

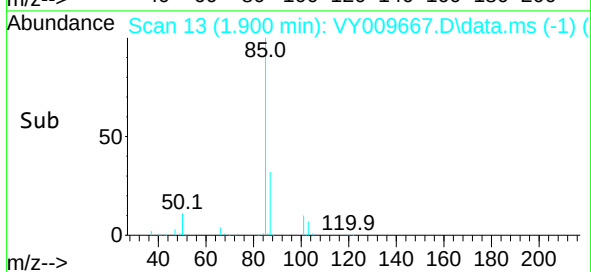
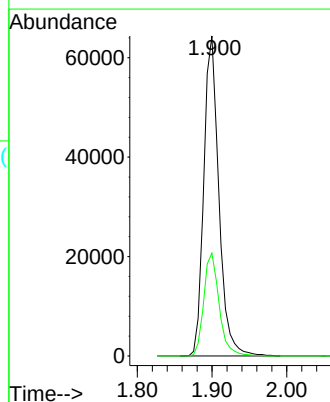
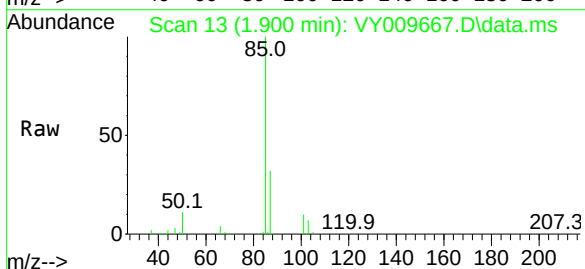
Instrument :
MSVOA_Y
ClientSampleId :
PX-4

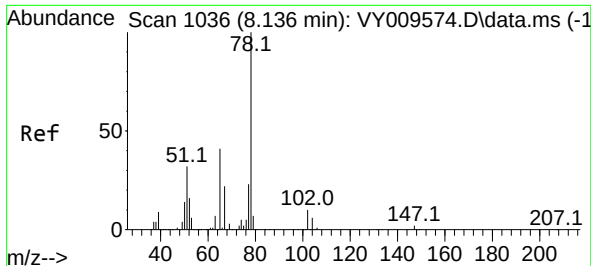
Tgt Ion:168 Resp: 184741
Ion Ratio Lower Upper
168 100
99 46.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 55.685 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009667.D
Acq: 22 Jul 2022 18:10

Tgt Ion: 85 Resp: 90267
Ion Ratio Lower Upper
85 100
87 32.1 16.1 48.2





#33

1,2-Dichloroethane-d4

Concen: 55.267 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY009667.D

Acq: 22 Jul 2022 18:10

Instrument :

MSVOA_Y

ClientSampleId :

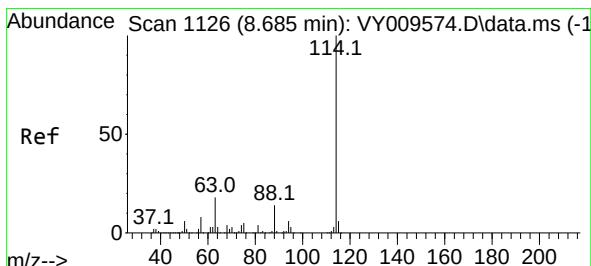
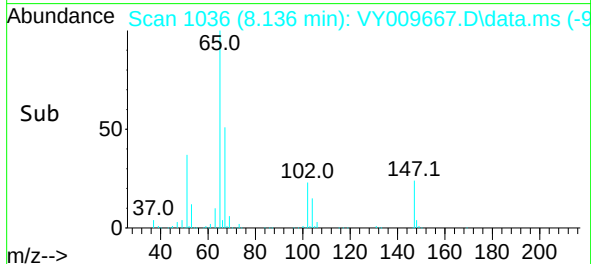
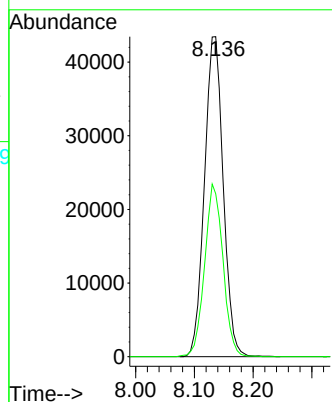
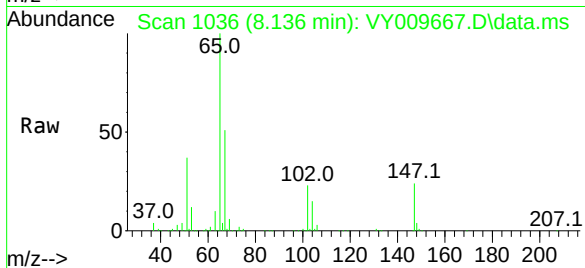
PX-4

Tgt Ion: 65 Resp: 96563

Ion Ratio Lower Upper

65 100

67 52.8 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY009667.D

Acq: 22 Jul 2022 18:10

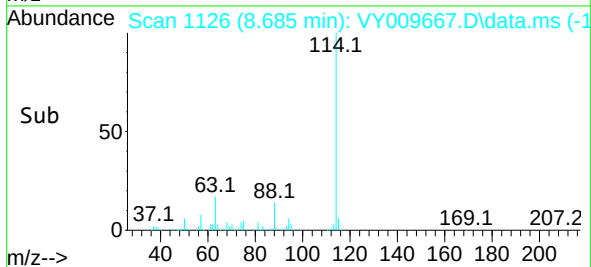
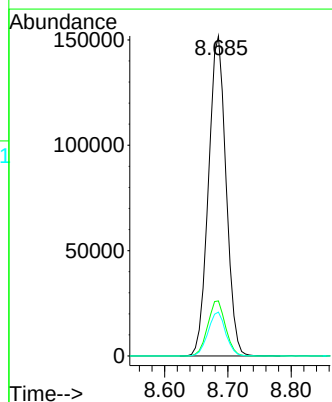
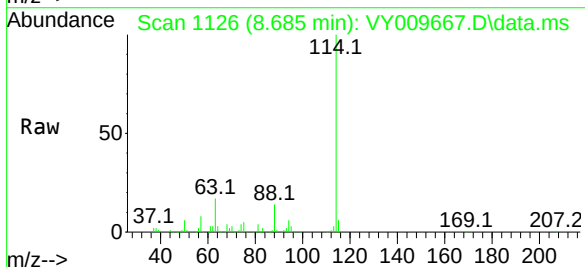
Tgt Ion: 114 Resp: 292821

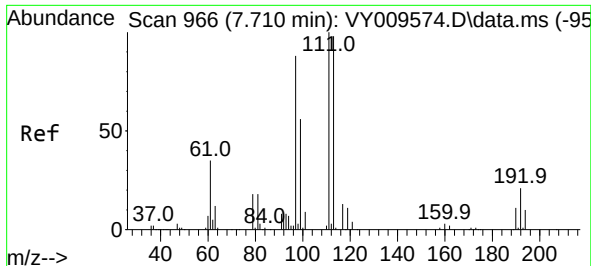
Ion Ratio Lower Upper

114 100

63 17.2 0.0 43.2

88 13.7 0.0 31.8

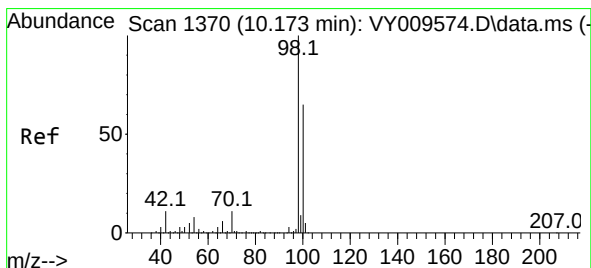
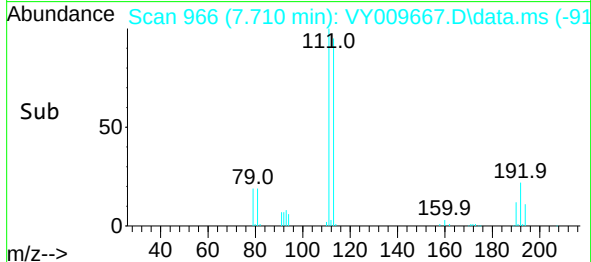
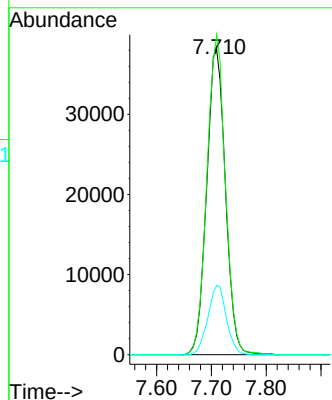
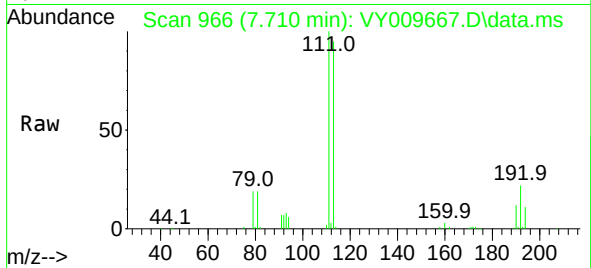




#35
Dibromofluoromethane
Concen: 49.109 ug/l
RT: 7.710 min Scan# 90595
Delta R.T. -0.000 min
Lab File: VY009667.D
Acq: 22 Jul 2022 18:10

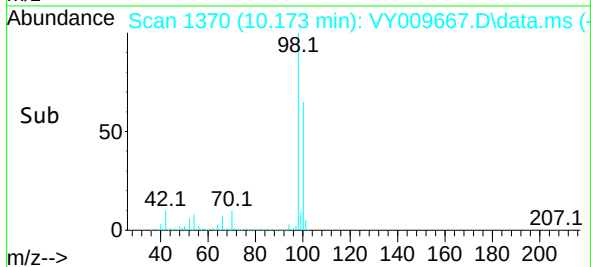
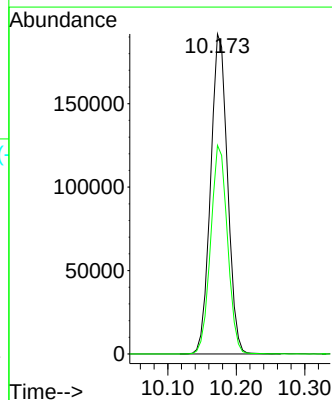
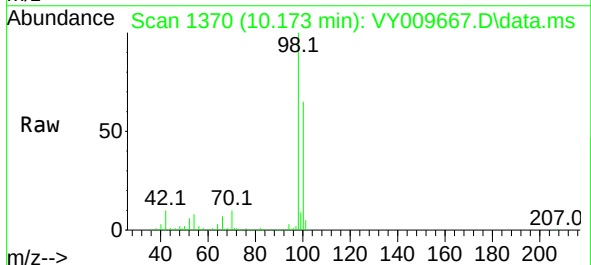
Instrument :
MSVOA_Y
ClientSampleId :
PX-4

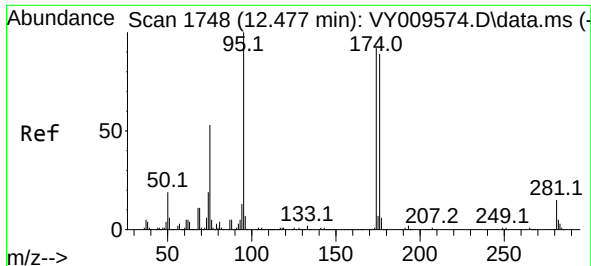
Tgt Ion:113 Resp: 90595
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 22.4 17.6 26.4



#50
Toluene-d8
Concen: 46.443 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009667.D
Acq: 22 Jul 2022 18:10

Tgt Ion: 98 Resp: 329364
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2

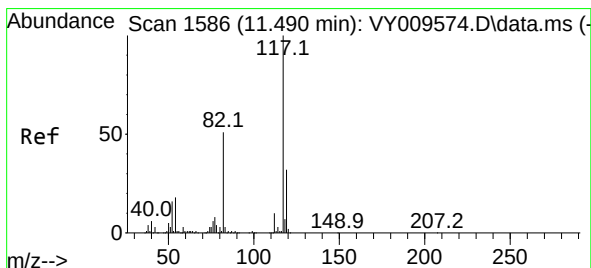
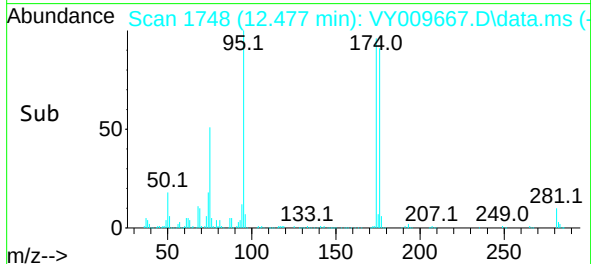
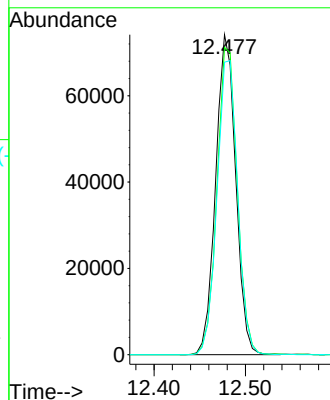
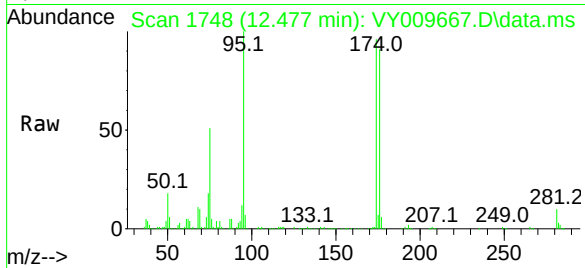




#62
4-Bromofluorobenzene
Concen: 49.141 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009667.D
Acq: 22 Jul 2022 18:10

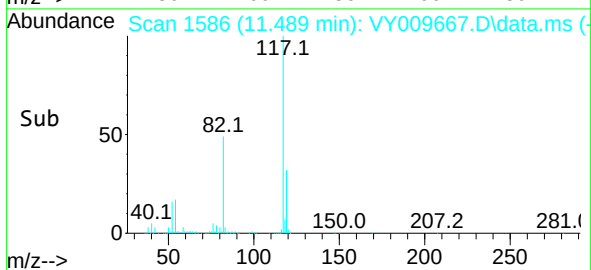
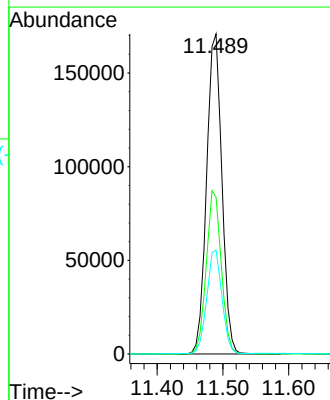
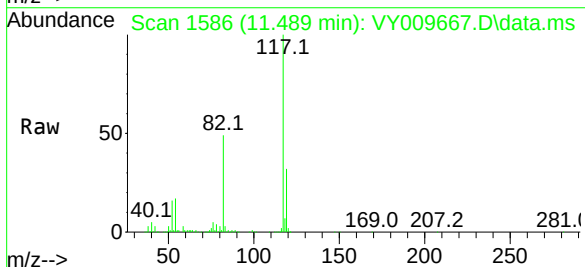
Instrument :
MSVOA_Y
ClientSampleId :
PX-4

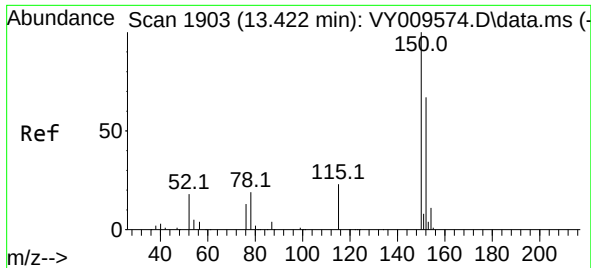
Tgt Ion: 95 Resp: 112924
Ion Ratio Lower Upper
95 100
174 97.5 0.0 177.0
176 94.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009667.D
Acq: 22 Jul 2022 18:10

Tgt Ion: 117 Resp: 276777
Ion Ratio Lower Upper
117 100
82 49.0 43.0 64.4
119 32.3 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY009667.D

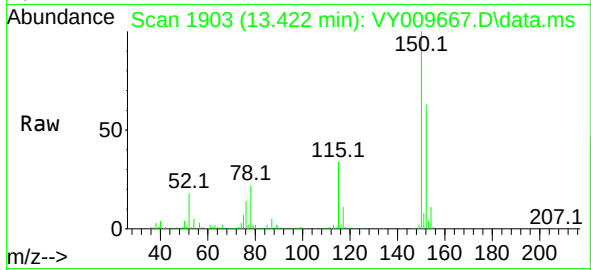
Acq: 22 Jul 2022 18:10

Instrument :

MSVOA_Y

ClientSampleId :

PX-4



Tgt Ion:152 Resp: 137555

Ion Ratio Lower Upper

152 100

115 54.2 28.2 84.7

150 157.6 0.0 347.6

