

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020722\
 Data File : VY007407.D
 Acq On : 07 Feb 2022 12:57
 Operator : SY/MD
 Sample : N1401-03
 Misc : 3.51g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PSC-124055

Quant Time: Feb 08 00:52:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

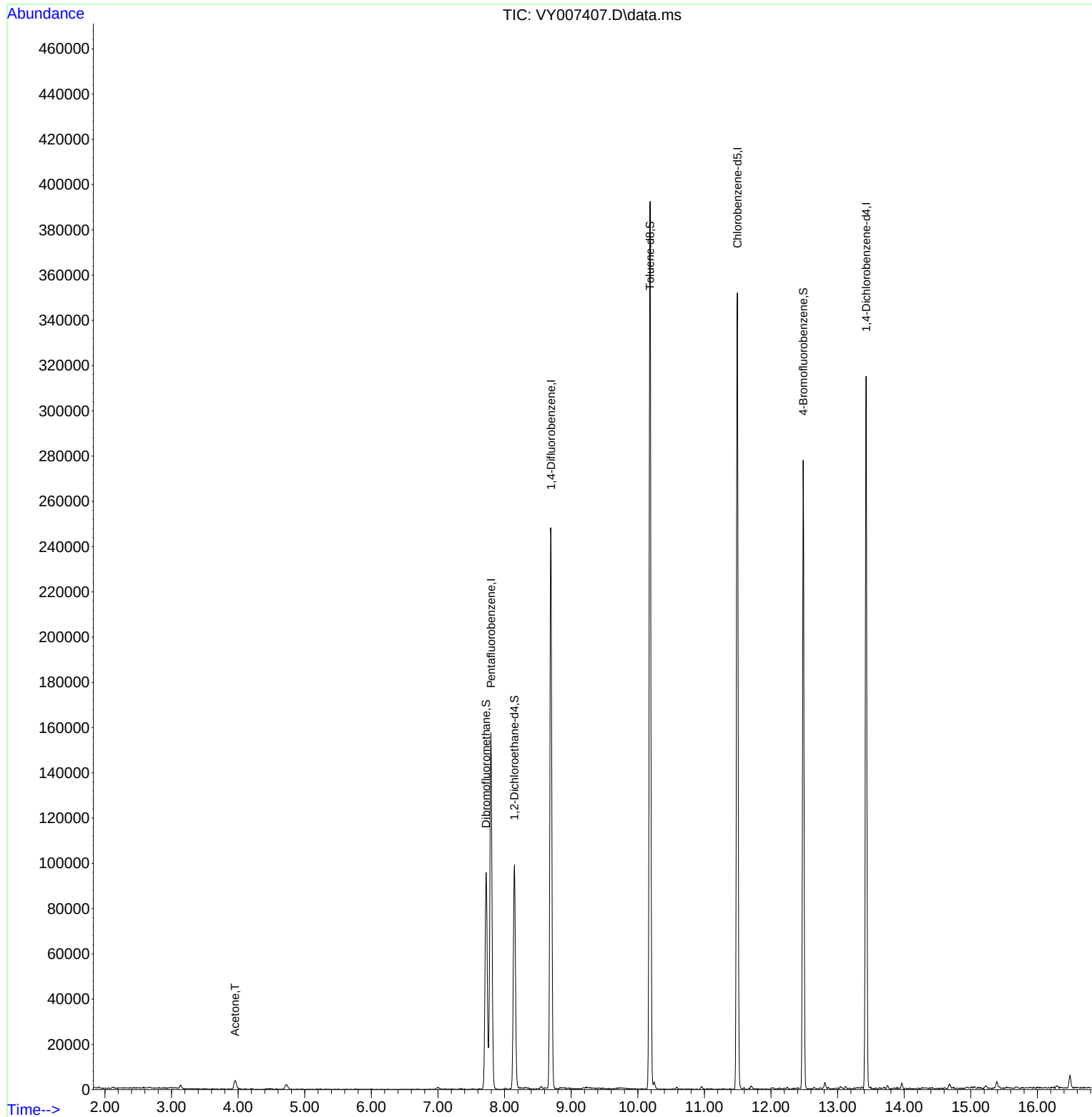
Internal Standards						
1) Pentafluorobenzene	7.795	168	116087	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	210361	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	192232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74890	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	79194	59.309	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.620%	
35) Dibromofluoromethane	7.722	113	67003	49.602	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.200%	
50) Toluene-d8	10.185	98	256660	51.429	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.860%	
62) 4-Bromofluorobenzene	12.483	95	85563	50.443	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.880%	
Target Compounds						
16) Acetone	3.954	43	7059	16.278	ug/l	Qvalue 92

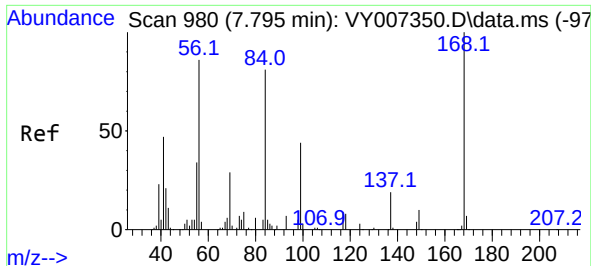
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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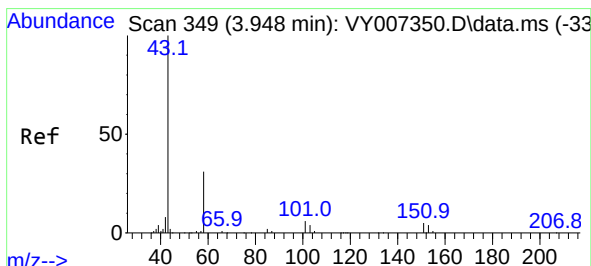
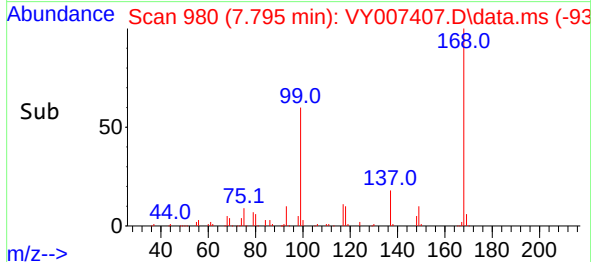
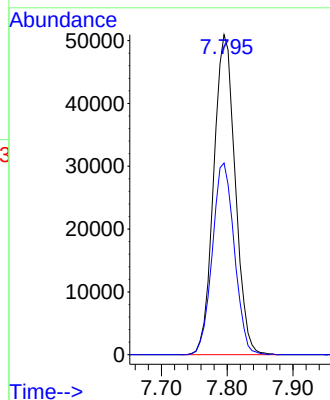
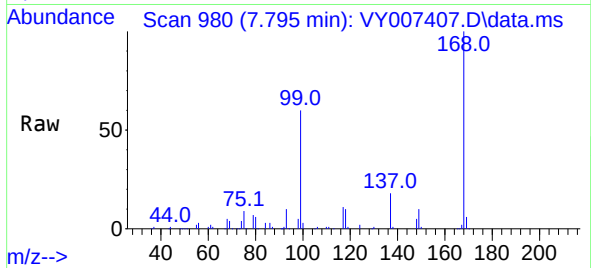




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007407.D
Acq: 07 Feb 2022 12:57

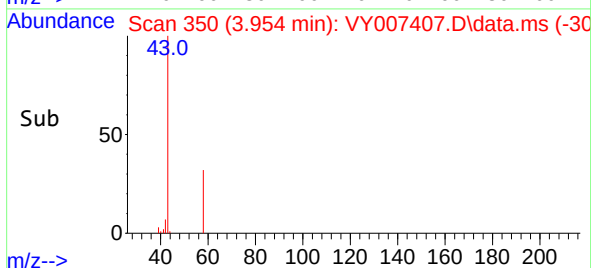
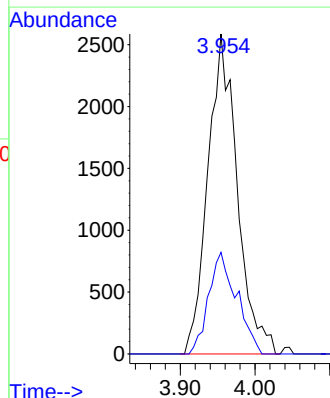
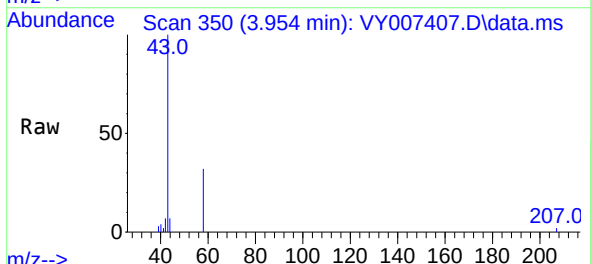
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124055

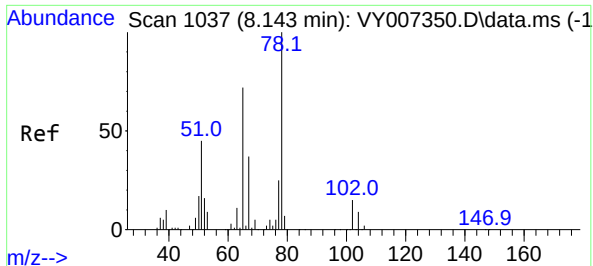
Tgt Ion:168 Resp: 116087
Ion Ratio Lower Upper
168 100
99 59.9 46.9 70.3



#16
Acetone
Concen: 16.278 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY007407.D
Acq: 07 Feb 2022 12:57

Tgt Ion: 43 Resp: 7059
Ion Ratio Lower Upper
43 100
58 31.7 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 59.309 ug/l

RT: 8.149 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY007407.D

Acq: 07 Feb 2022 12:57

Instrument :

MSVOA_Y

ClientSampleId :

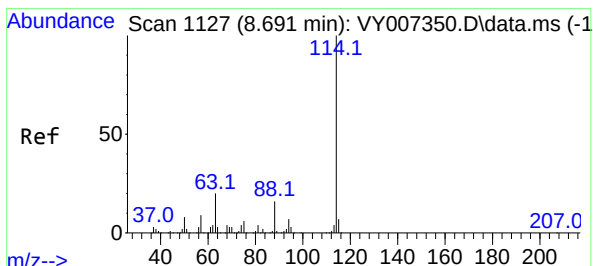
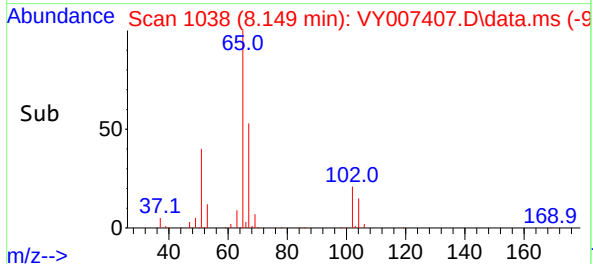
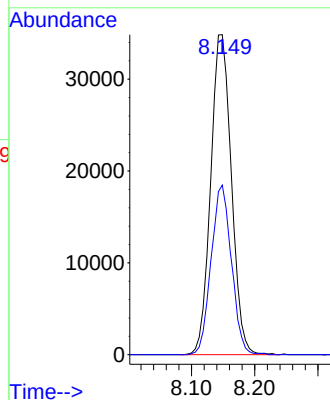
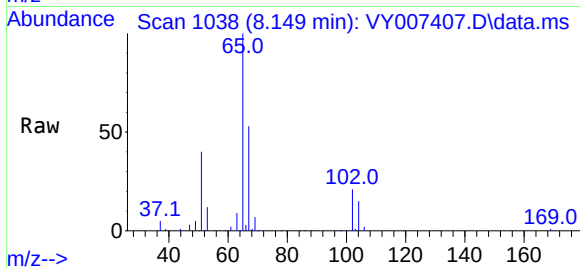
PSC-124055

Tgt Ion: 65 Resp: 79194

Ion Ratio Lower Upper

65 100

67 51.9 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY007407.D

Acq: 07 Feb 2022 12:57

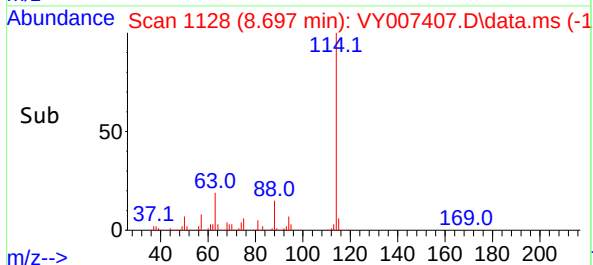
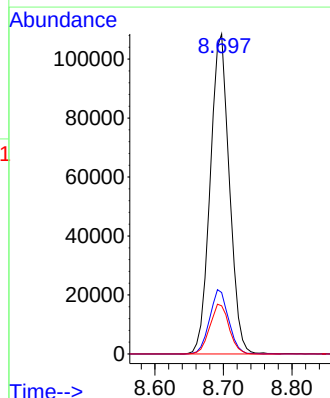
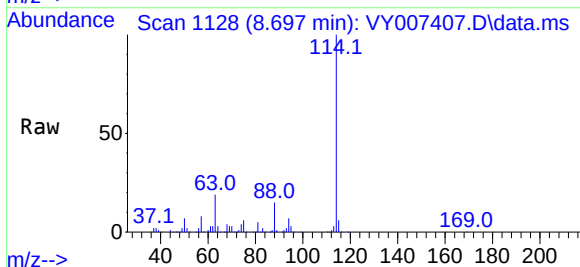
Tgt Ion: 114 Resp: 210361

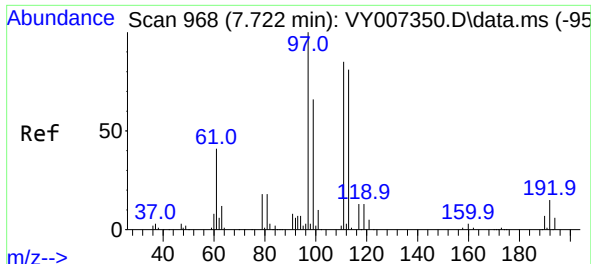
Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 15.0 0.0 31.8

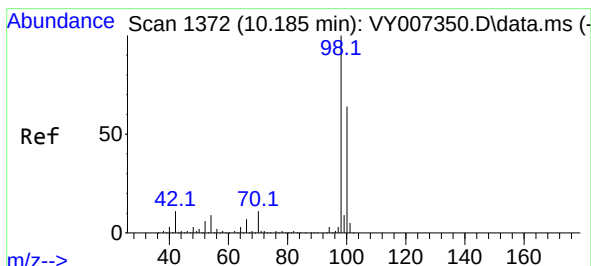
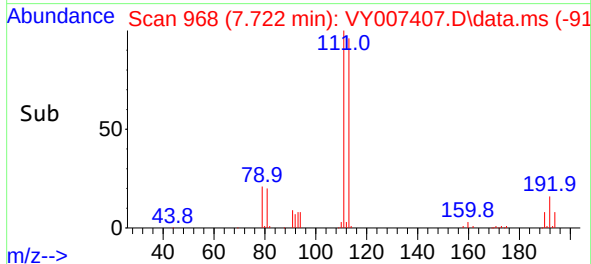
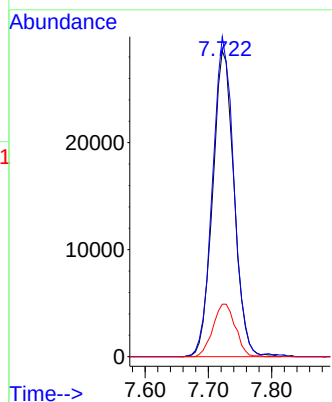
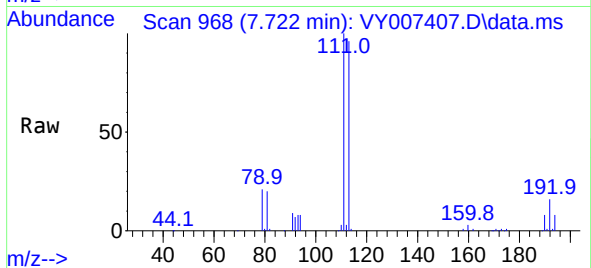




#35
Dibromofluoromethane
Concen: 49.602 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY007407.D
Acq: 07 Feb 2022 12:57

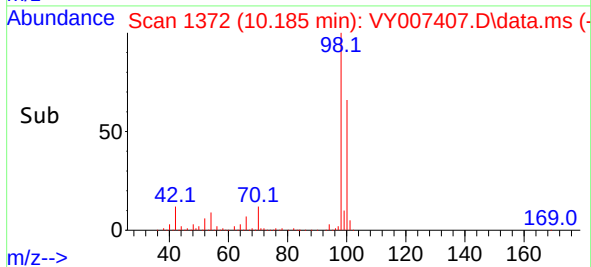
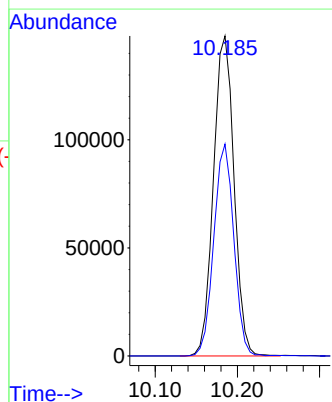
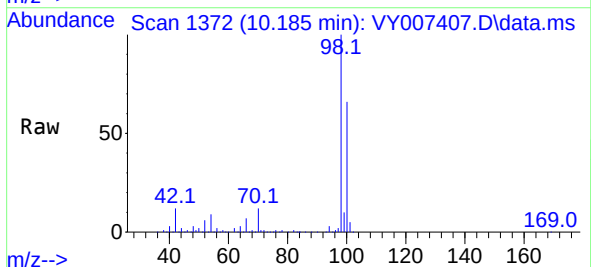
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124055

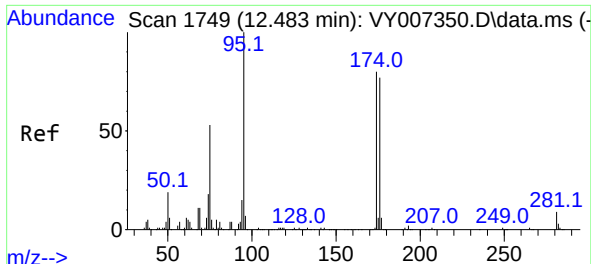
Tgt Ion:113 Resp: 67003
Ion Ratio Lower Upper
113 100
111 104.1 82.6 124.0
192 18.1 17.6 26.4



#50
Toluene-d8
Concen: 51.429 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY007407.D
Acq: 07 Feb 2022 12:57

Tgt Ion: 98 Resp: 256660
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2

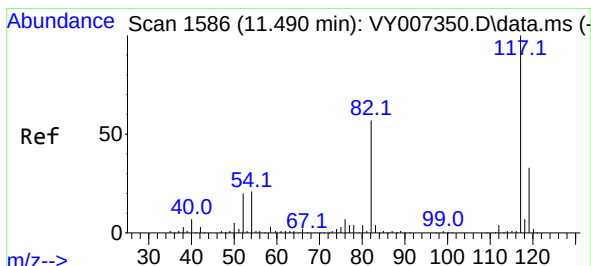
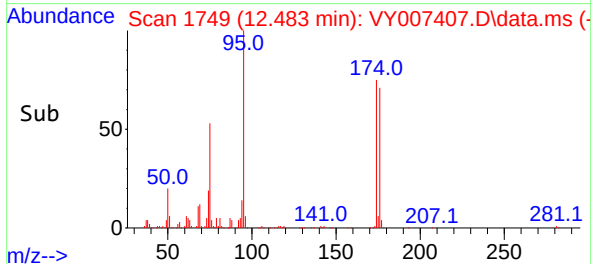
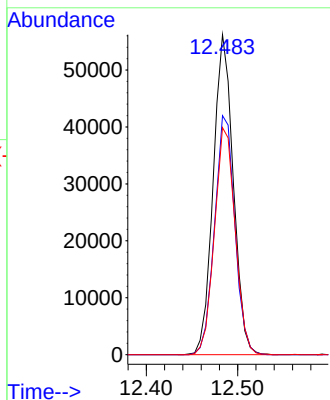
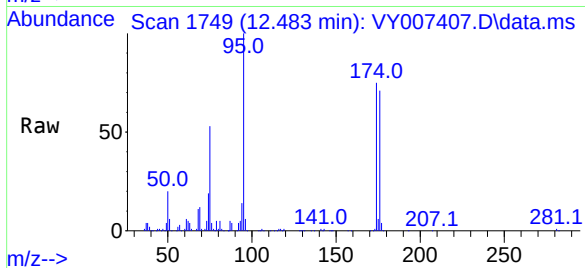




#62
4-Bromofluorobenzene
Concen: 50.443 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007407.D
Acq: 07 Feb 2022 12:57

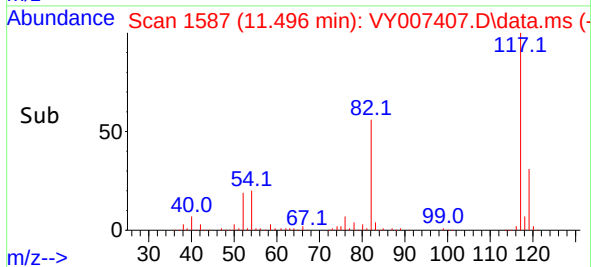
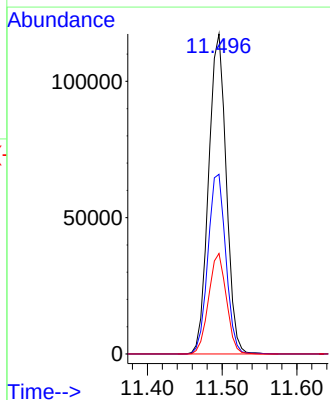
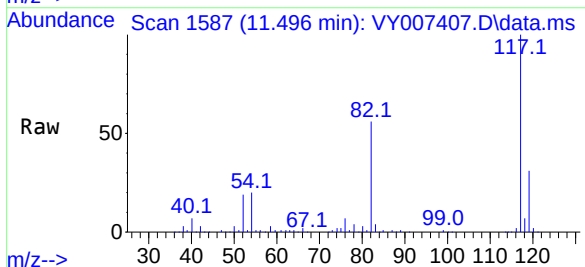
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124055

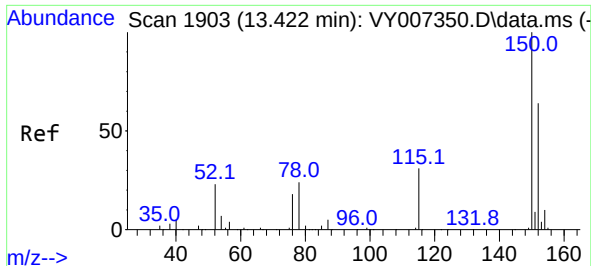
Tgt Ion: 95 Resp: 85563
Ion Ratio Lower Upper
95 100
174 75.7 0.0 177.0
176 73.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY007407.D
Acq: 07 Feb 2022 12:57

Tgt Ion: 117 Resp: 192232
Ion Ratio Lower Upper
117 100
82 56.1 43.0 64.4
119 31.4 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY007407.D

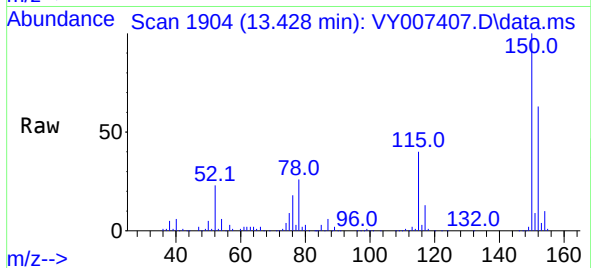
Acq: 07 Feb 2022 12:57

Instrument :

MSVOA_Y

ClientSampleId :

PSC-124055



Tgt Ion:152 Resp: 74890

Ion Ratio Lower Upper

152 100

115 63.6 28.2 84.7

150 160.9 0.0 347.6

