

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091322\
 Data File : VY010471.D
 Acq On : 13 Sep 2022 20:03
 Operator : KP/MD
 Sample : N4572-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PSC-124037

Quant Time: Sep 14 05:31:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

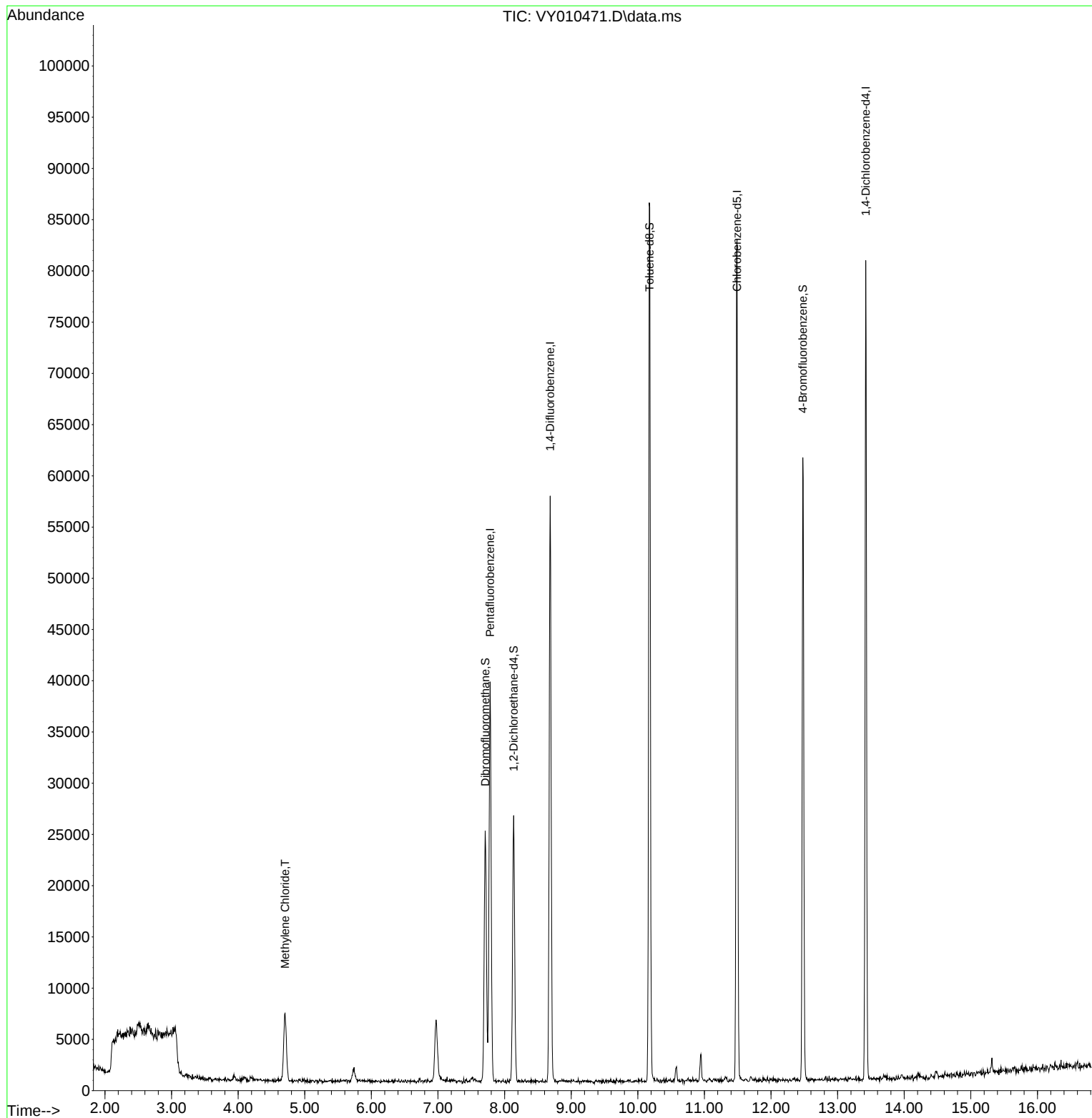
Internal Standards						
1) Pentafluorobenzene	7.783	168	29433	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	50219	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	47440	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	20757	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	19711	66.493	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.980%
35) Dibromofluoromethane	7.710	113	17606	49.364	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.720%
50) Toluene-d8	10.179	98	58937	50.988	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.980%
62) 4-Bromofluorobenzene	12.477	95	19617	41.807	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.620%
Target Compounds						
20) Methylene Chloride	4.704	84	5052	9.815	ug/l	Qvalue # 80

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

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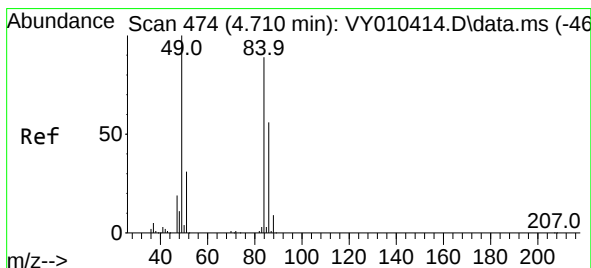
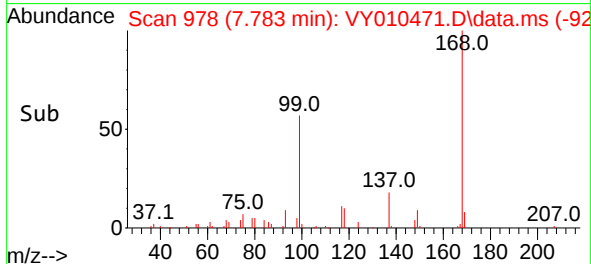
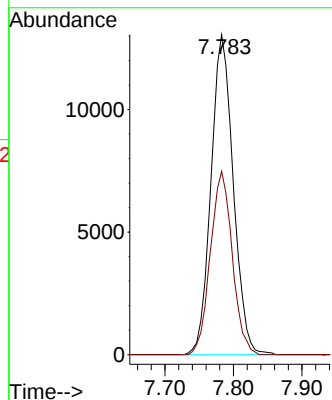
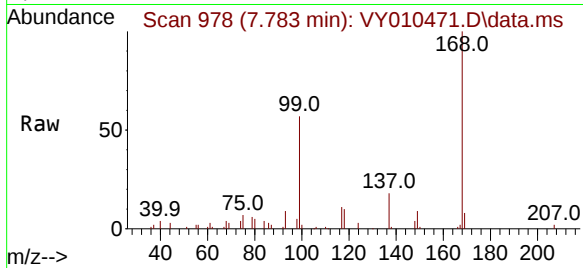




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010471.D
Acq: 13 Sep 2022 20:03

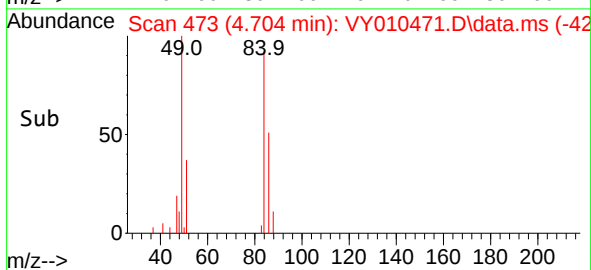
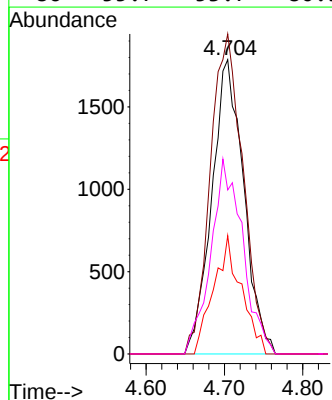
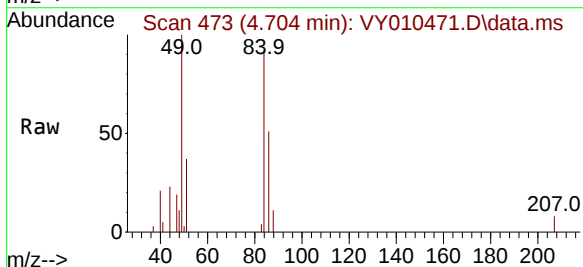
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124037

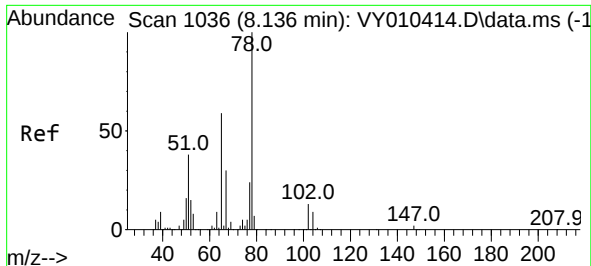
Tgt Ion:168 Resp: 29433
Ion Ratio Lower Upper
168 100
99 57.3 46.9 70.3



#20
Methylene Chloride
Concen: 9.815 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY010471.D
Acq: 13 Sep 2022 20:03

Tgt Ion: 84 Resp: 5052
Ion Ratio Lower Upper
84 100
49 108.7 114.4 171.6#
51 40.2 35.3 52.9
86 55.7 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 66.493 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010471.D

Acq: 13 Sep 2022 20:03

Instrument :

MSVOA_Y

ClientSampleId :

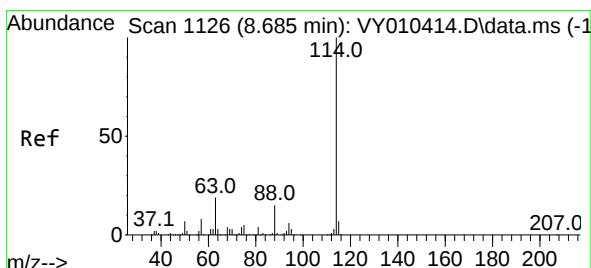
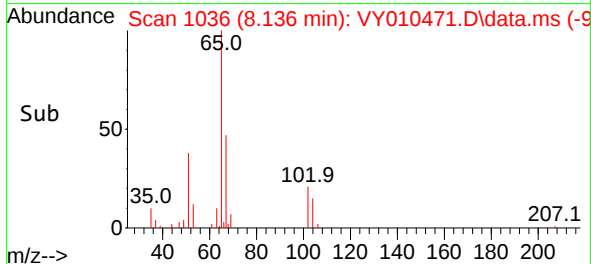
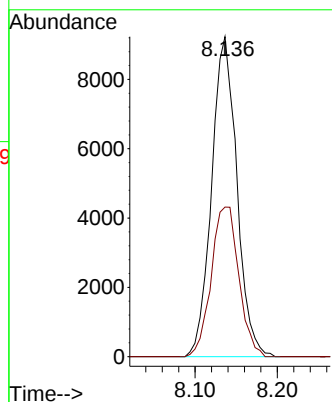
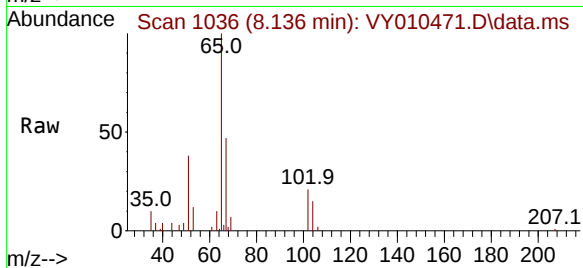
PSC-124037

Tgt Ion: 65 Resp: 19711

Ion Ratio Lower Upper

65 100

67 51.1 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: VY010471.D

Acq: 13 Sep 2022 20:03

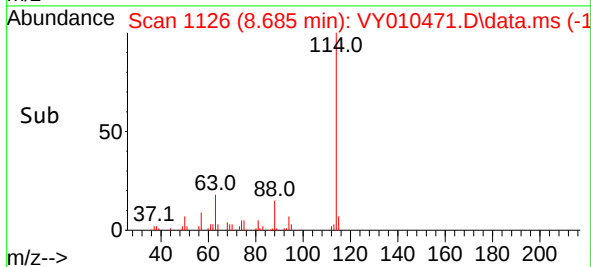
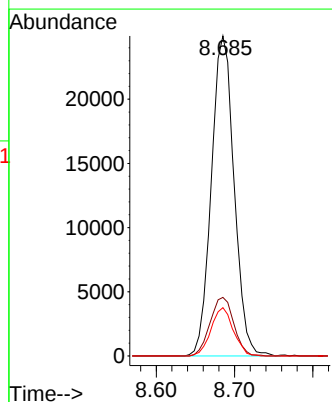
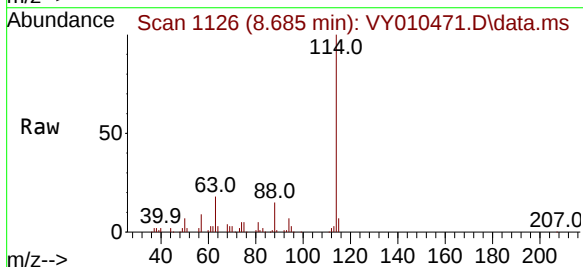
Tgt Ion: 114 Resp: 50219

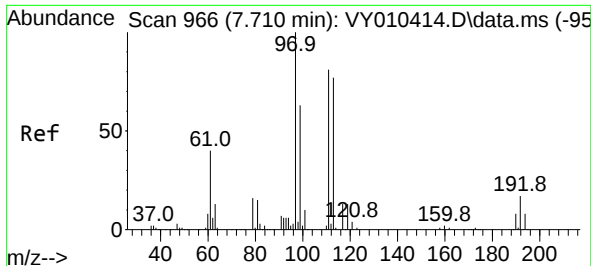
Ion Ratio Lower Upper

114 100

63 18.3 0.0 43.2

88 15.1 0.0 31.8

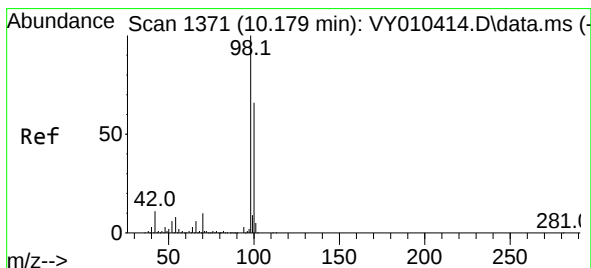
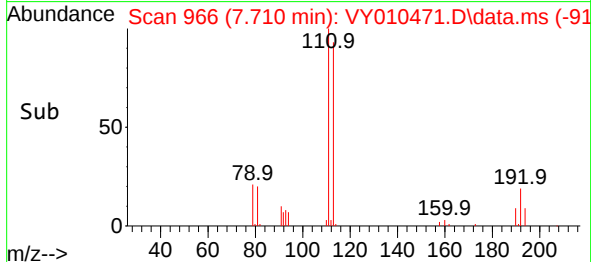
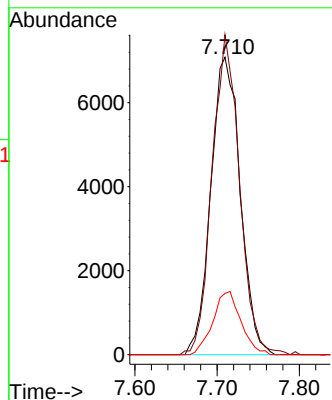
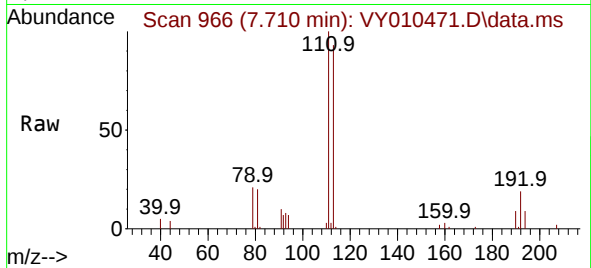




#35
Dibromofluoromethane
Concen: 49.364 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010471.D
Acq: 13 Sep 2022 20:03

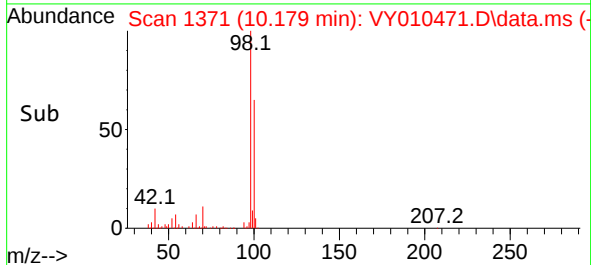
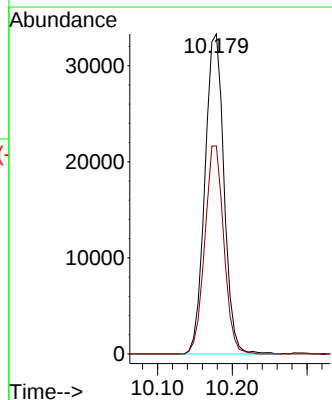
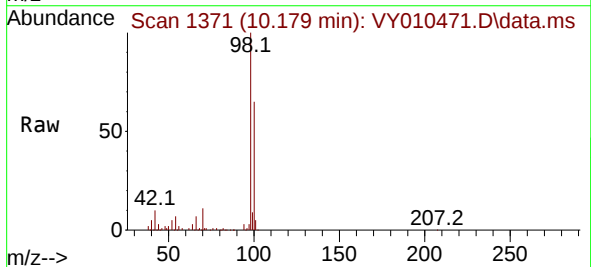
Instrument :
MSVOA_Y
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PSC-124037

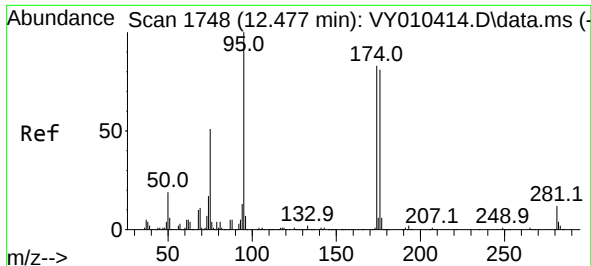
Tgt Ion:113 Resp: 17606
Ion Ratio Lower Upper
113 100
111 100.3 82.6 124.0
192 20.2 17.6 26.4



#50
Toluene-d8
Concen: 50.988 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010471.D
Acq: 13 Sep 2022 20:03

Tgt Ion: 98 Resp: 58937
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2

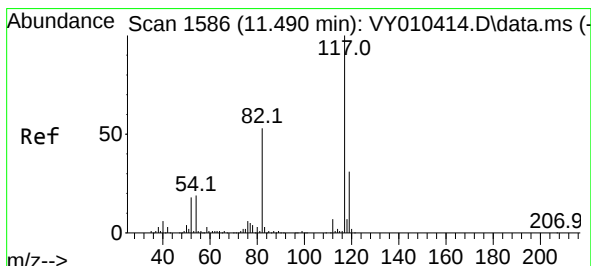
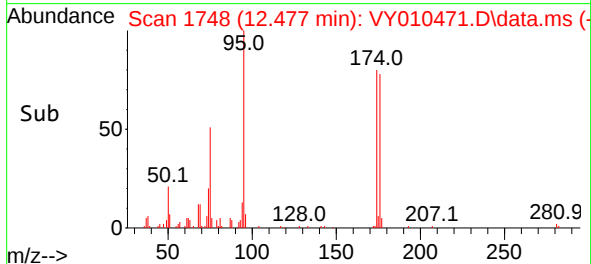
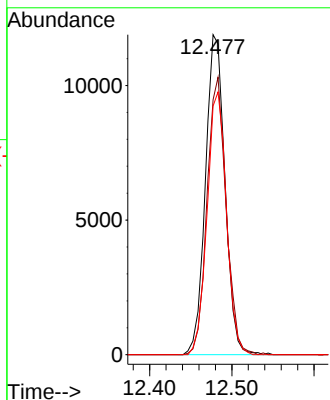
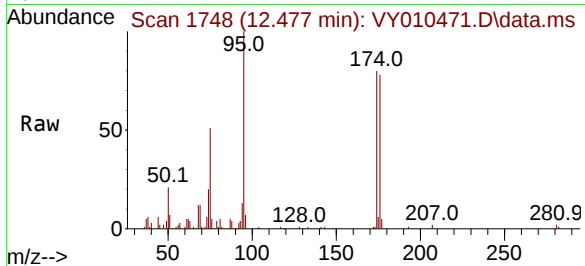




#62
4-Bromofluorobenzene
Concen: 41.807 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010471.D
Acq: 13 Sep 2022 20:03

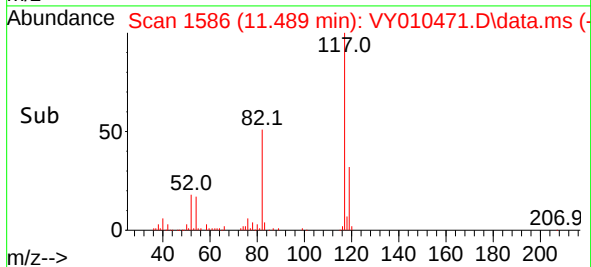
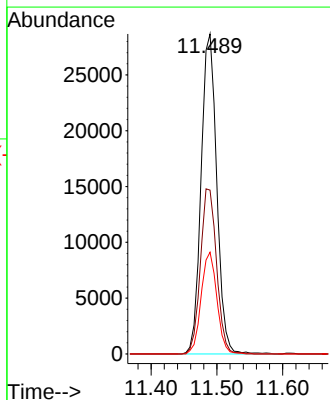
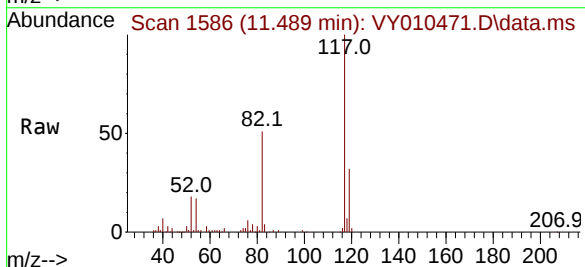
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124037

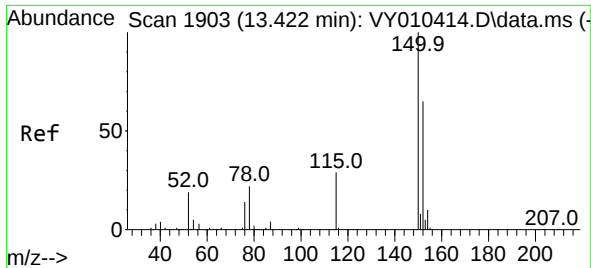
Tgt Ion: 95 Resp: 19617
Ion Ratio Lower Upper
95 100
174 84.7 0.0 177.0
176 81.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010471.D
Acq: 13 Sep 2022 20:03

Tgt Ion: 117 Resp: 47440
Ion Ratio Lower Upper
117 100
82 51.2 43.0 64.4
119 31.8 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: VY010471.D

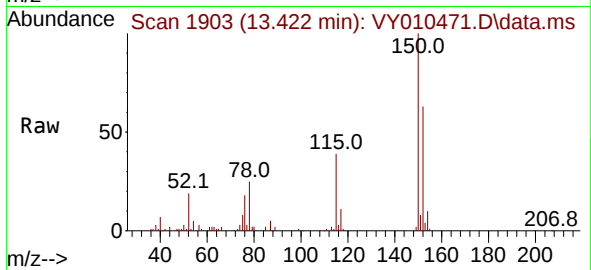
Acq: 13 Sep 2022 20:03

Instrument :

MSVOA_Y

ClientSampleId :

PSC-124037



Tgt Ion:152 Resp: 20757

Ion Ratio Lower Upper

152 100

115 58.3 28.2 84.7

150 157.1 0.0 347.6

