

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100323\
 Data File : VY015806.D
 Acq On : 03 Oct 2023 15:20
 Operator : SY/MD
 Sample : 04685-06
 Misc : 5.47g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PP-20230928-B6A-0-2

Quant Time: Oct 04 01:11:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

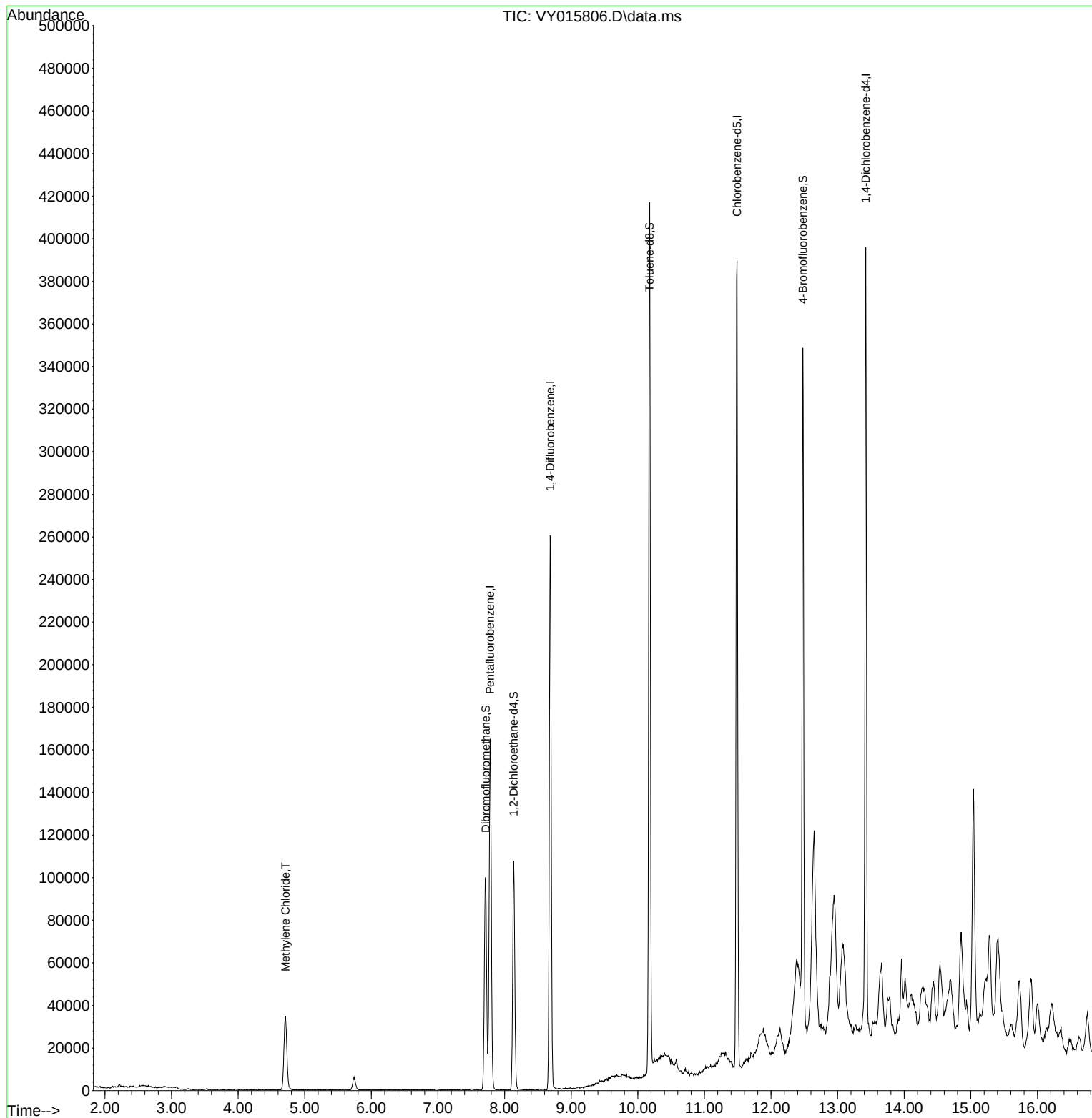
Internal Standards						
1) Pentafluorobenzene	7.783	168	127165	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	224210	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	212072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	92271	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	81198	58.033	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.060%	
35) Dibromofluoromethane	7.716	113	72011	53.660	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.320%	
50) Toluene-d8	10.179	98	273864	60.188	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 120.380%	
62) 4-Bromofluorobenzene	12.477	95	91378	51.174	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.340%	
Target Compounds						Qvalue
20) Methylene Chloride	4.710	84	26572	12.582	ug/l	87

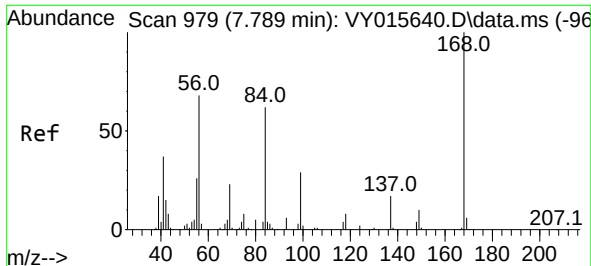
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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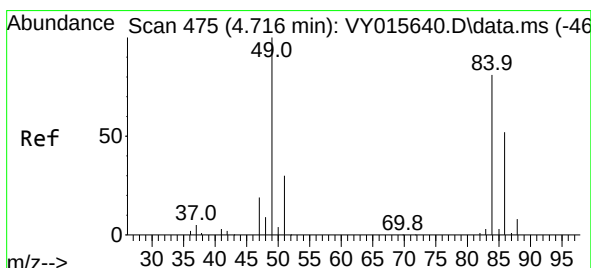
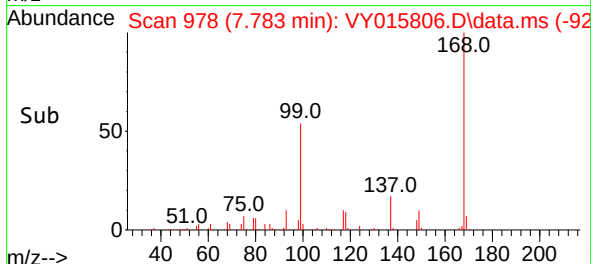
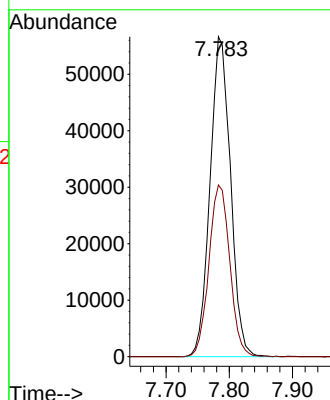
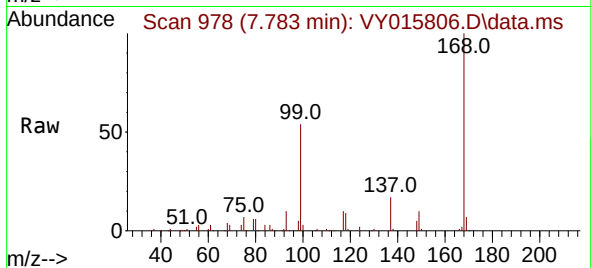




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015806.D
Acq: 03 Oct 2023 15:20

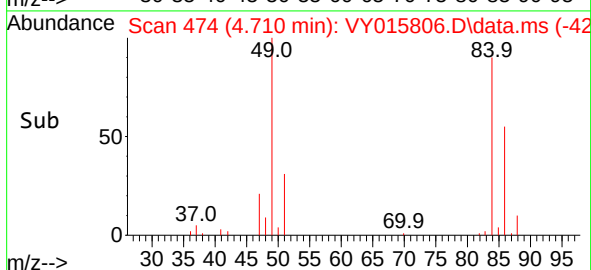
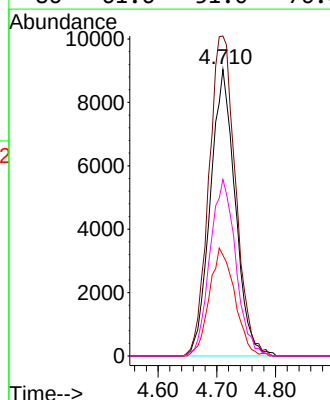
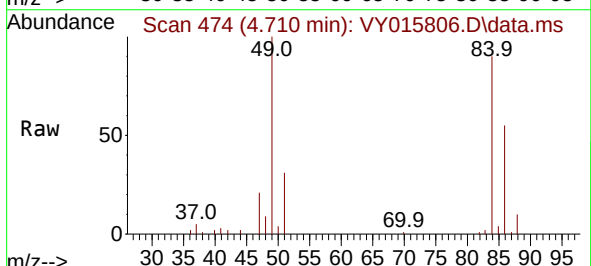
Instrument :
MSVOA_Y
ClientSampleId :
PP-20230928-B6A-0-2

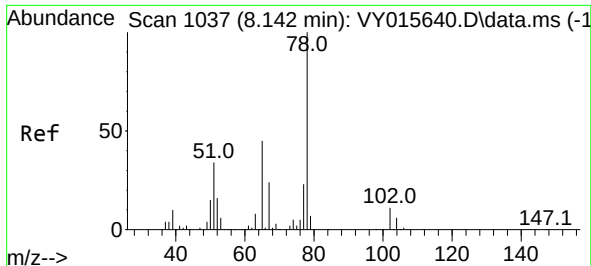
Tgt Ion:168 Resp: 127165
Ion Ratio Lower Upper
168 100
99 53.6 43.4 65.0



#20
Methylene Chloride
Concen: 12.582 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY015806.D
Acq: 03 Oct 2023 15:20

Tgt Ion: 84 Resp: 26572
Ion Ratio Lower Upper
84 100
49 111.6 106.9 160.3
51 35.2 33.2 49.8
86 61.6 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 58.033 ug/l

RT: 8.136 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015806.D

Acq: 03 Oct 2023 15:20

Instrument :

MSVOA_Y

ClientSampleId :

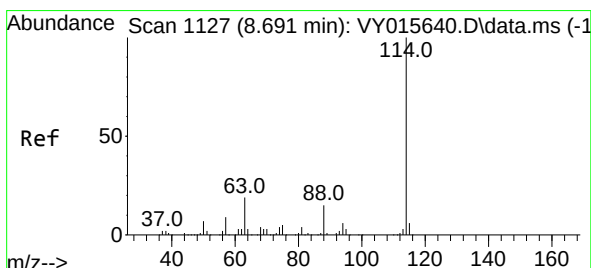
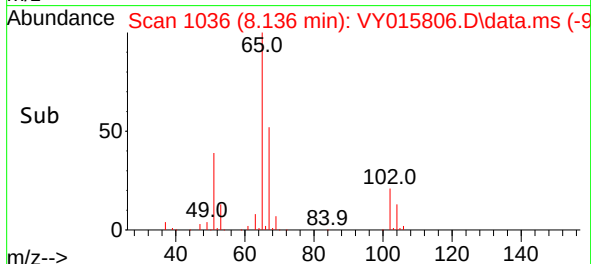
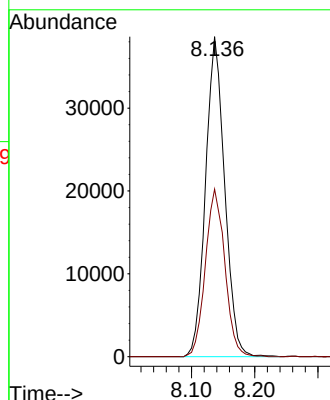
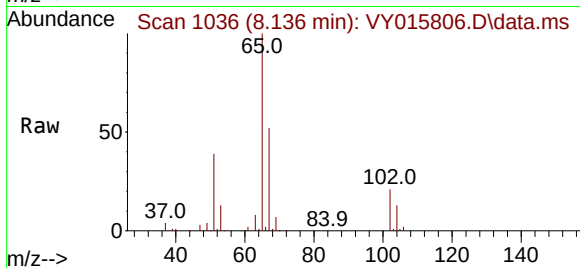
PP-20230928-B6A-0-2

Tgt Ion: 65 Resp: 81198

Ion Ratio Lower Upper

65 100

67 53.4 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015806.D

Acq: 03 Oct 2023 15:20

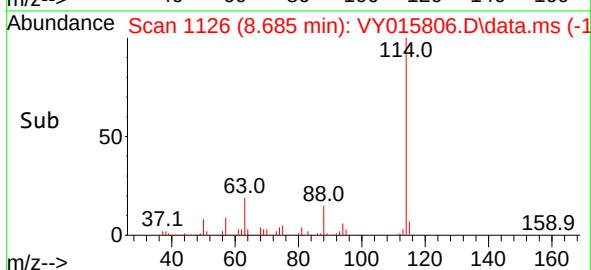
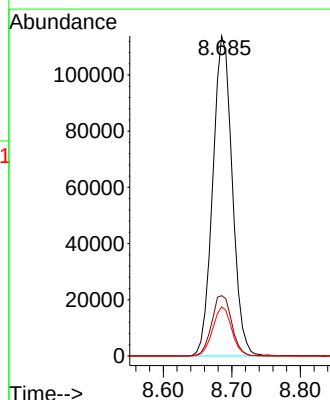
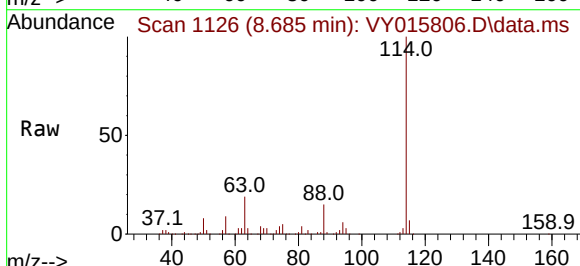
Tgt Ion: 114 Resp: 224210

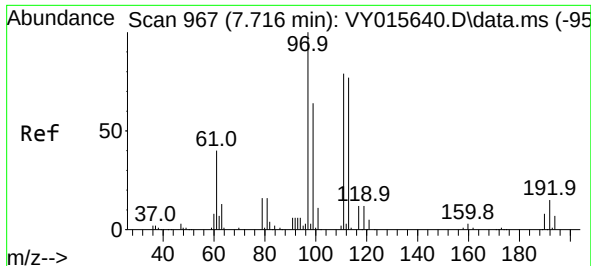
Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

88 15.3 0.0 30.6

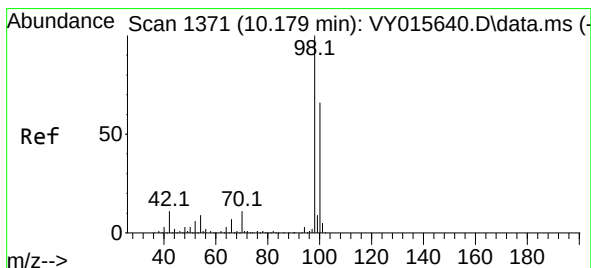
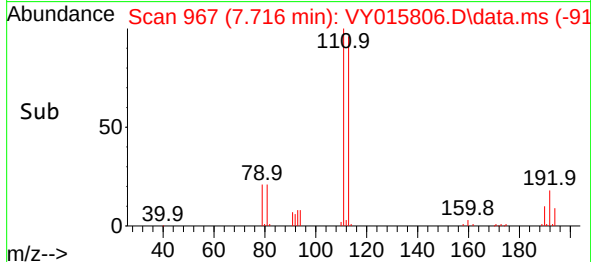
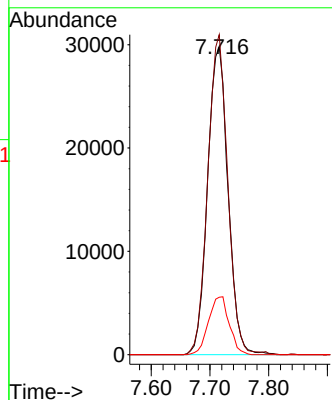
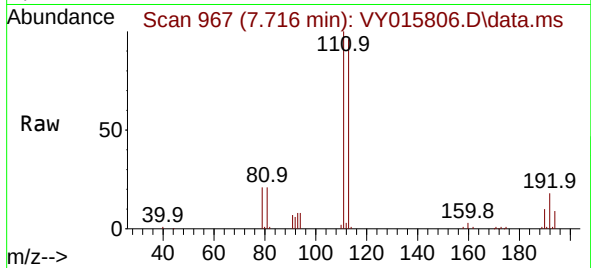




#35
Dibromofluoromethane
Concen: 53.660 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY015806.D
Acq: 03 Oct 2023 15:20

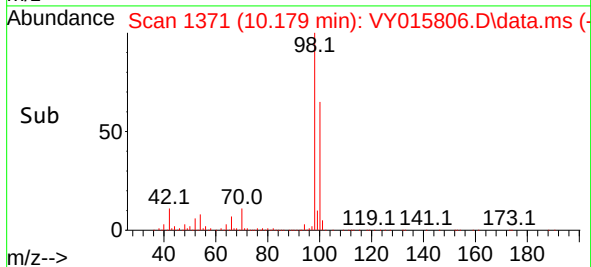
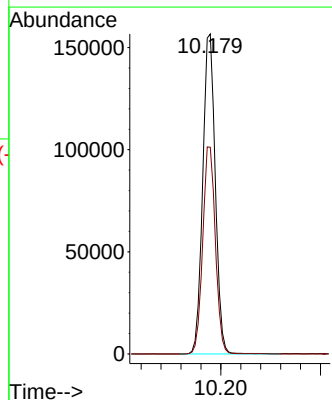
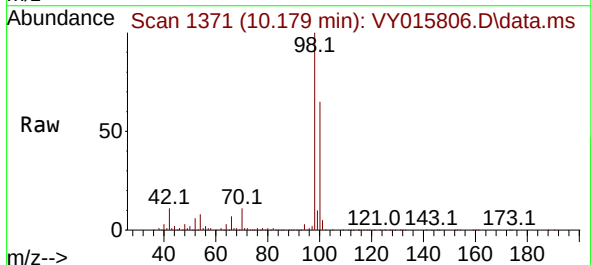
Instrument :
MSVOA_Y
ClientSampleId :
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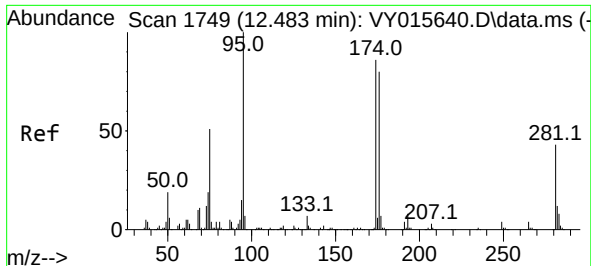
Tgt Ion:113 Resp: 72011
Ion Ratio Lower Upper
113 100
111 101.7 81.3 121.9
192 19.1 16.9 25.3



#50
Toluene-d8
Concen: 60.188 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015806.D
Acq: 03 Oct 2023 15:20

Tgt Ion: 98 Resp: 273864
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1

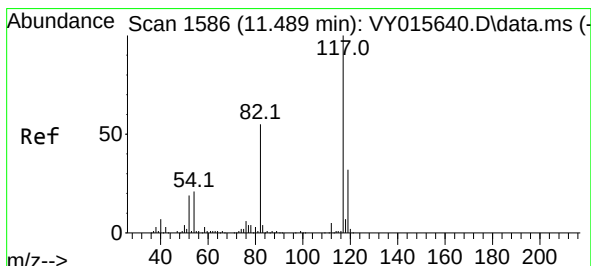
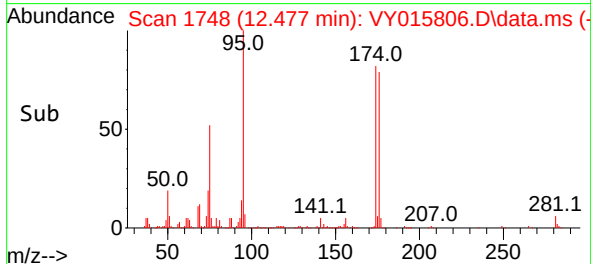
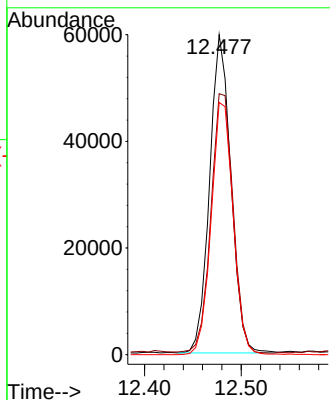
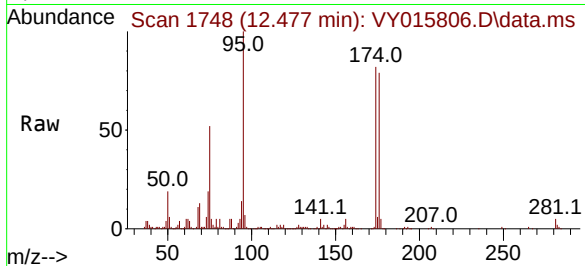




#62
4-Bromofluorobenzene
Concen: 51.174 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015806.D
Acq: 03 Oct 2023 15:20

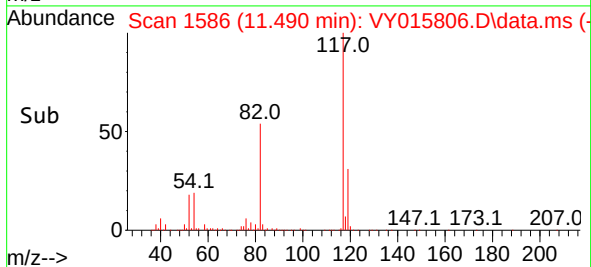
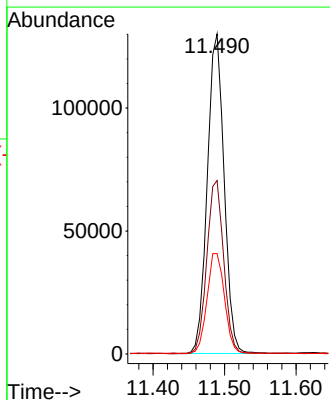
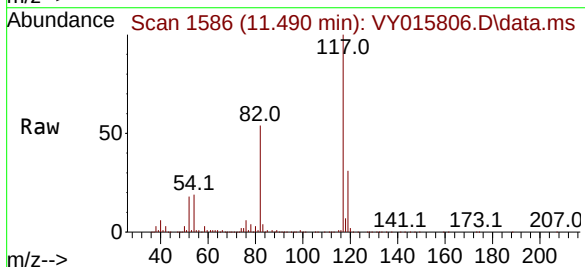
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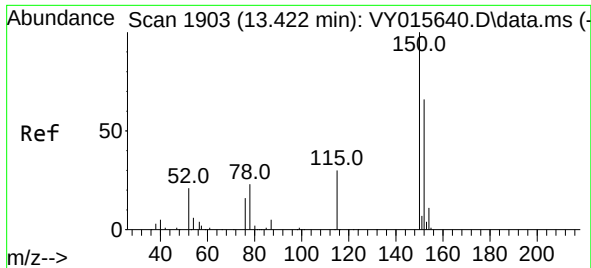
Tgt Ion: 95 Resp: 91378
Ion Ratio Lower Upper
95 100
174 85.1 0.0 178.2
176 81.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY015806.D
Acq: 03 Oct 2023 15:20

Tgt Ion: 117 Resp: 212072
Ion Ratio Lower Upper
117 100
82 54.2 43.4 65.0
119 31.2 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY015806.D

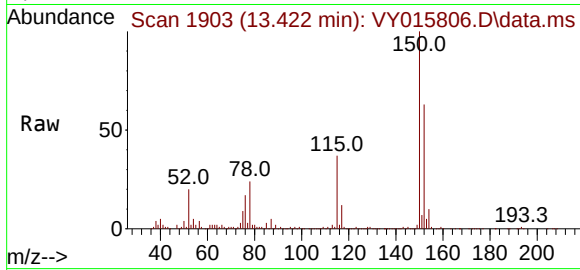
Acq: 03 Oct 2023 15:20

Instrument :

MSVOA_Y

ClientSampleId :

PP-20230928-B6A-0-2



Tgt Ion:152 Resp: 92271

Ion Ratio Lower Upper

152 100

115 58.0 28.8 86.5

150 156.3 0.0 348.8

