

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100323\
 Data File : VY015807.D
 Acq On : 03 Oct 2023 15:44
 Operator : SY/MD
 Sample : 04685-08
 Misc : 6.78g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PP-20230928-B6A-13-15

Quant Time: Oct 04 01:12:18 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)

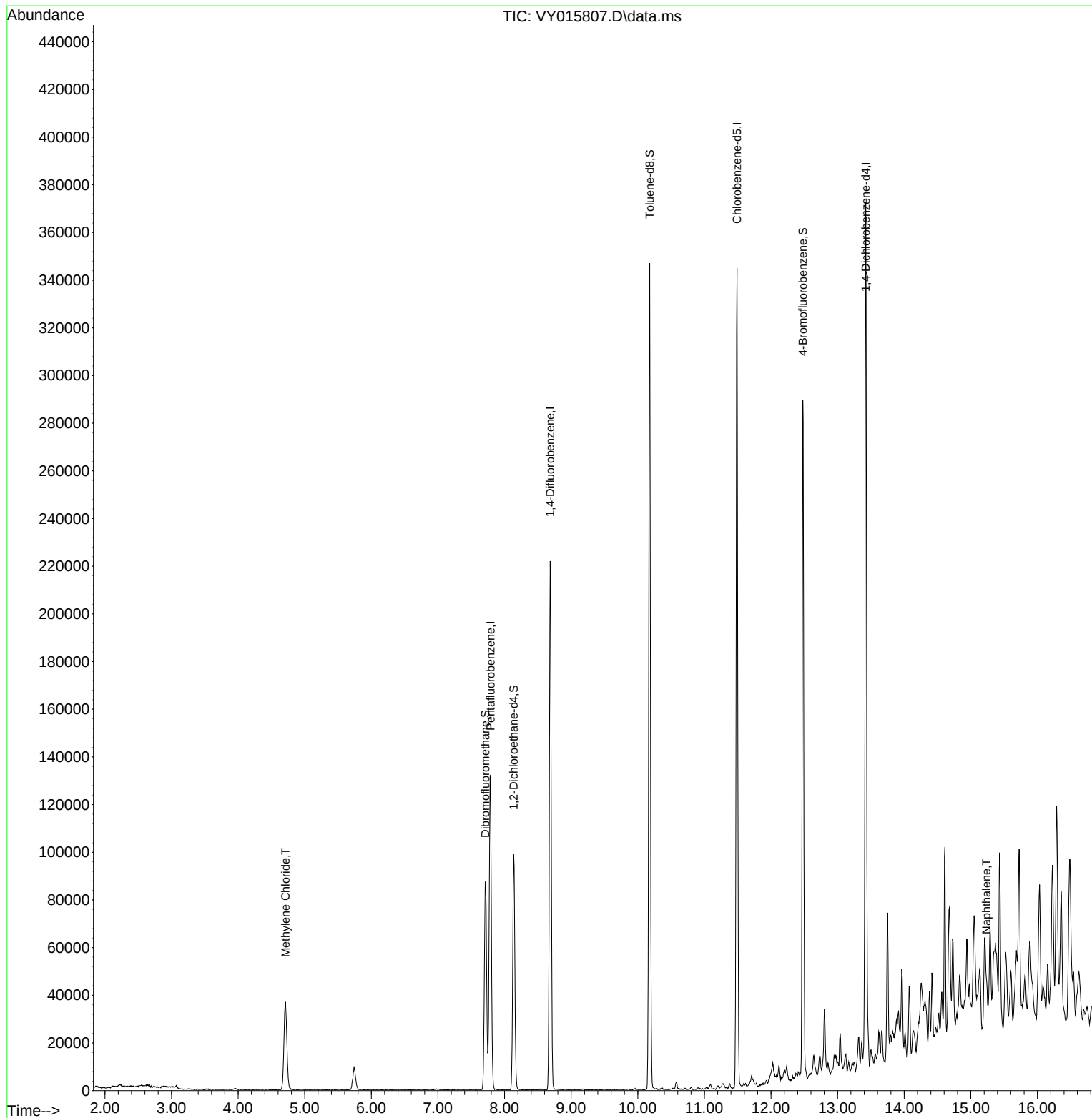
Internal Standards						
1) Pentafluorobenzene	7.789	168	104197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	190162	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	187935	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	91986	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	75530	65.881	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.760%	
35) Dibromofluoromethane	7.710	113	63105	55.444	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.880%	
50) Toluene-d8	10.179	98	224598	58.198	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 116.400%	
62) 4-Bromofluorobenzene	12.477	95	84011	55.472	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.940%	
Target Compounds						
20) Methylene Chloride	4.710	84	27996	17.710	ug/l	Qvalue 90
95) Naphthalene	15.233	128	9875	1.939	ug/l #	91

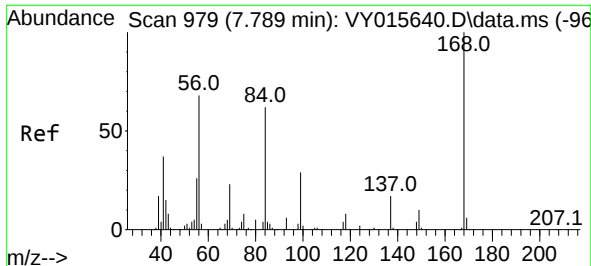
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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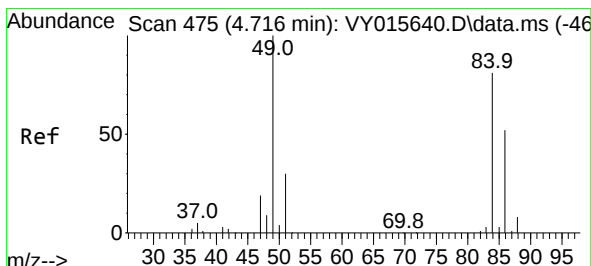
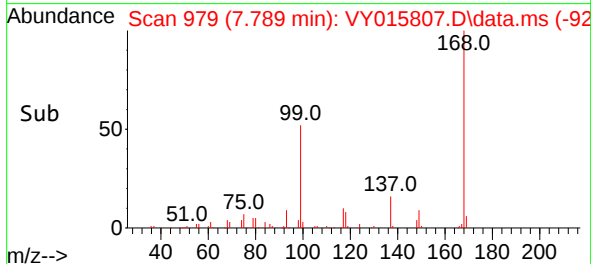
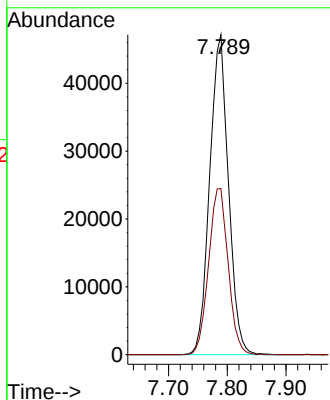
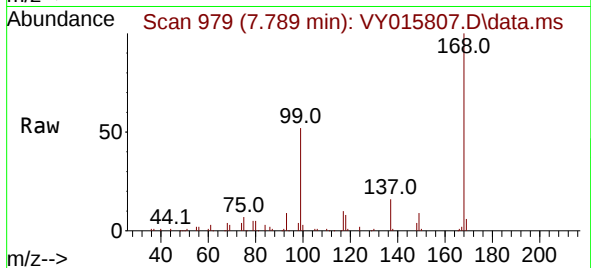




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015807.D
Acq: 03 Oct 2023 15:44

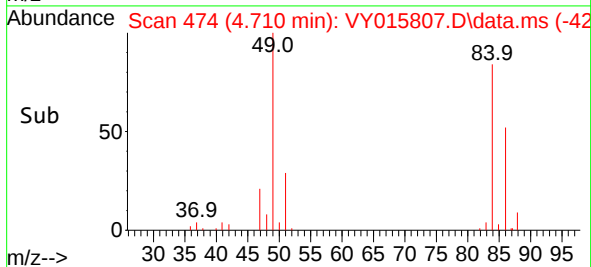
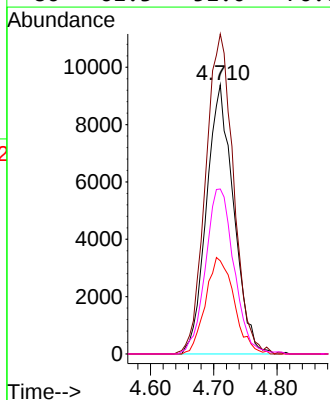
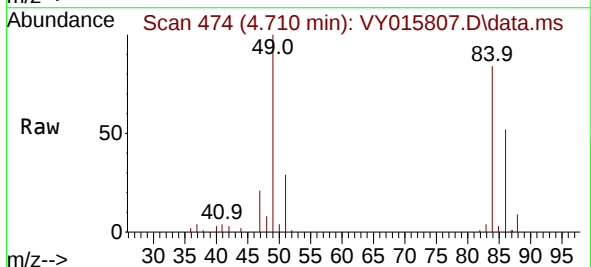
Instrument :
MSVOA_Y
ClientSampleId :
PP-20230928-B6A-13-15

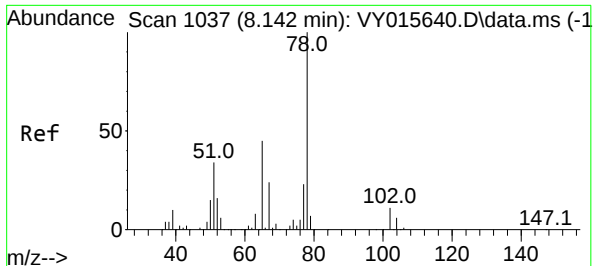
Tgt Ion:168 Resp: 104197
Ion Ratio Lower Upper
168 100
99 51.9 43.4 65.0



#20
Methylene Chloride
Concen: 17.710 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY015807.D
Acq: 03 Oct 2023 15:44

Tgt Ion: 84 Resp: 27996
Ion Ratio Lower Upper
84 100
49 118.2 106.9 160.3
51 34.6 33.2 49.8
86 61.3 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 65.881 ug/l

RT: 8.137 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY015807.D

Acq: 03 Oct 2023 15:44

Instrument :

MSVOA_Y

ClientSampleId :

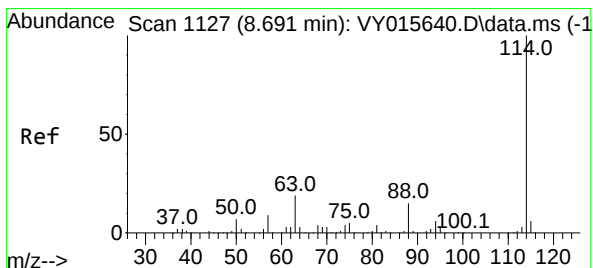
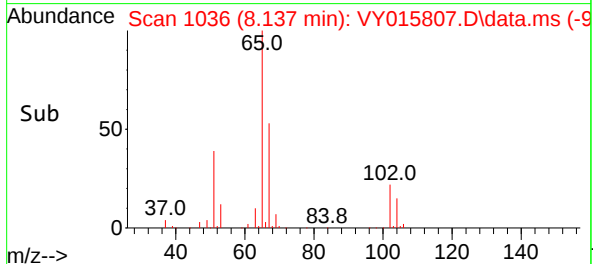
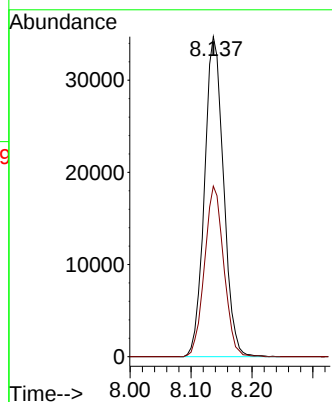
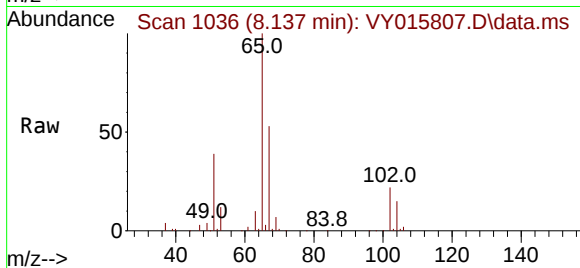
PP-20230928-B6A-13-15

Tgt Ion: 65 Resp: 75530

Ion Ratio Lower Upper

65 100

67 53.8 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: VY015807.D

Acq: 03 Oct 2023 15:44

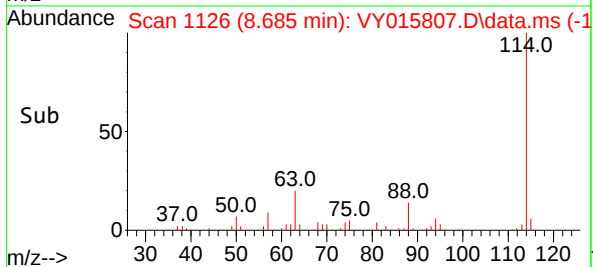
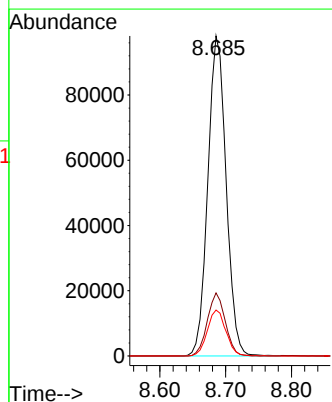
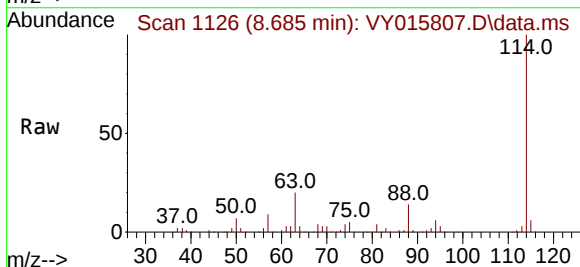
Tgt Ion: 114 Resp: 190162

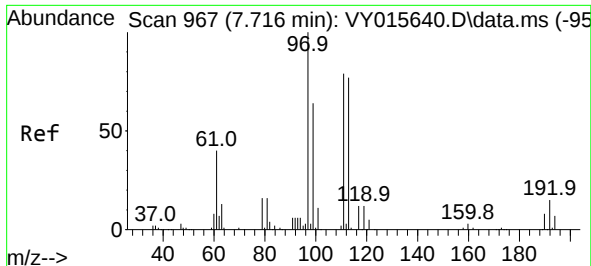
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

88 14.4 0.0 30.6

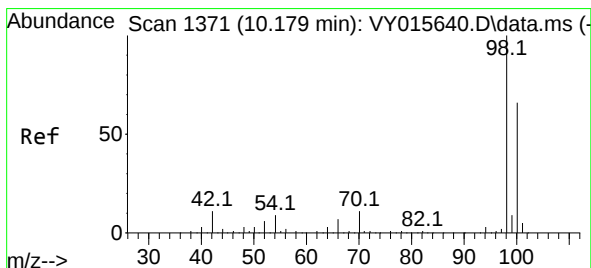
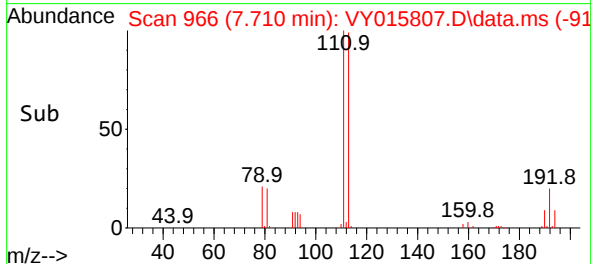
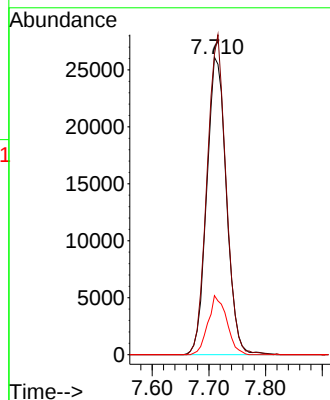
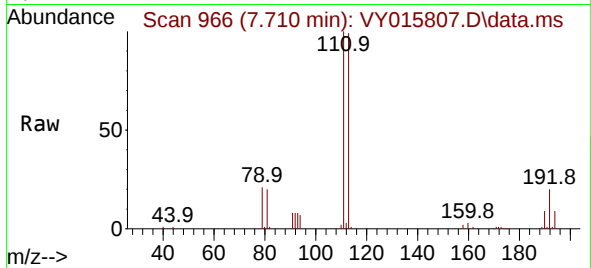




#35
Dibromofluoromethane
Concen: 55.444 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015807.D
Acq: 03 Oct 2023 15:44

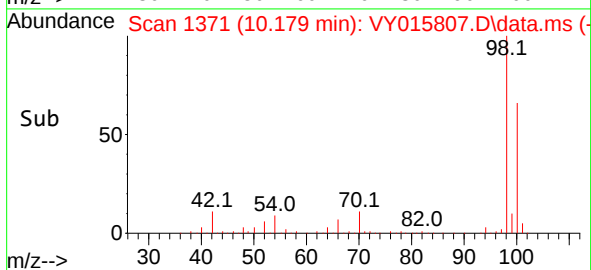
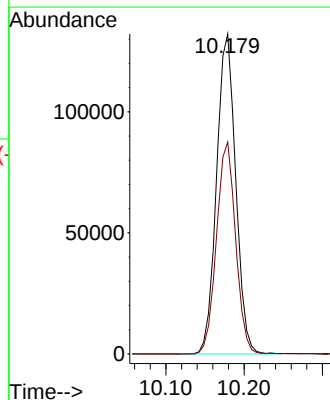
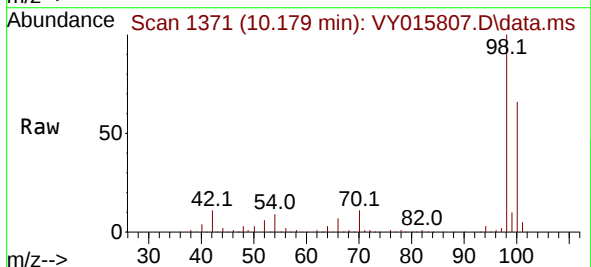
Instrument :
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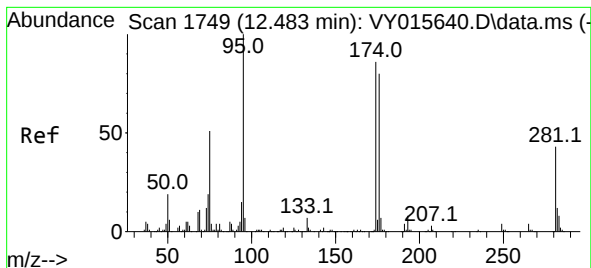
Tgt Ion:113 Resp: 63105
Ion Ratio Lower Upper
113 100
111 103.8 81.3 121.9
192 18.9 16.9 25.3



#50
Toluene-d8
Concen: 58.198 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015807.D
Acq: 03 Oct 2023 15:44

Tgt Ion: 98 Resp: 224598
Ion Ratio Lower Upper
98 100
100 66.2 50.1 75.1

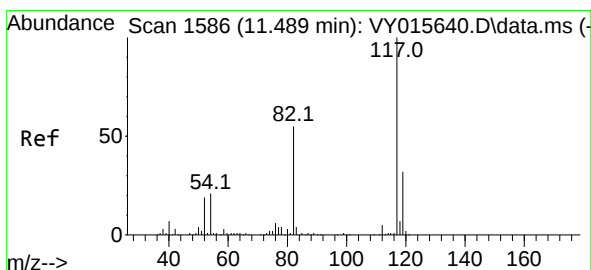
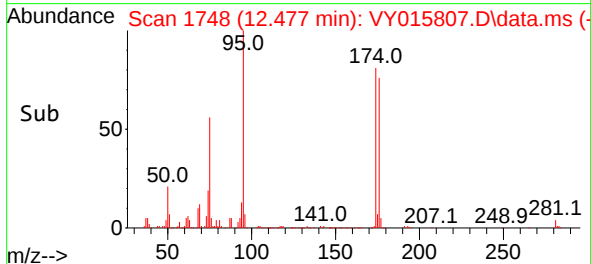
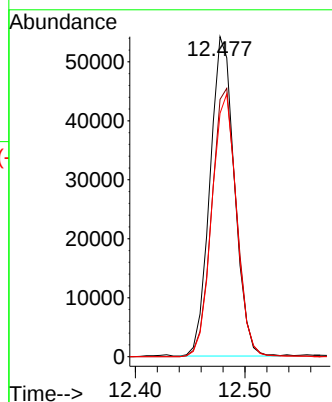
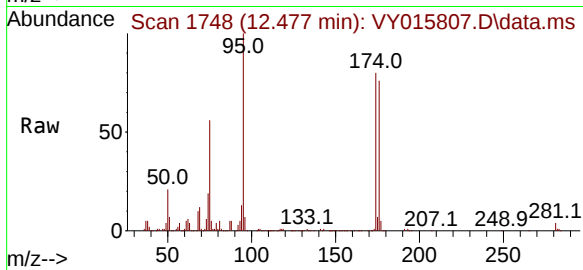




#62
4-Bromofluorobenzene
Concen: 55.472 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015807.D
Acq: 03 Oct 2023 15:44

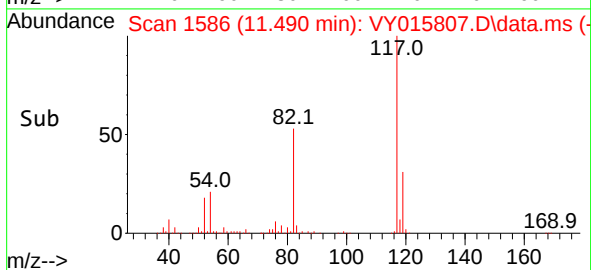
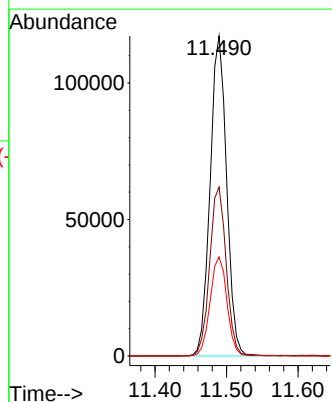
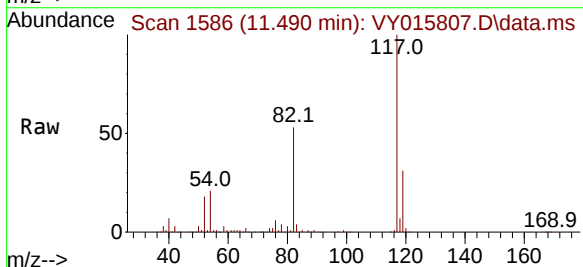
Instrument :
MSVOA_Y
ClientSampleId :
PP-20230928-B6A-13-15

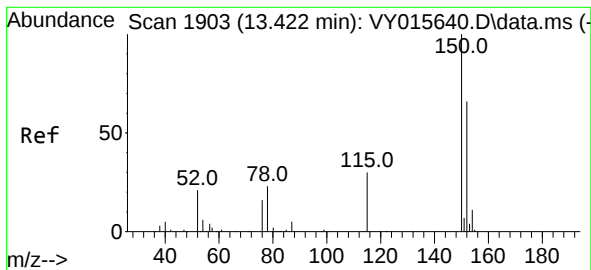
Tgt Ion: 95 Resp: 84011
Ion Ratio Lower Upper
95 100
174 85.5 0.0 178.2
176 83.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY015807.D
Acq: 03 Oct 2023 15:44

Tgt Ion: 117 Resp: 187935
Ion Ratio Lower Upper
117 100
82 52.8 43.4 65.0
119 31.0 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: VY015807.D

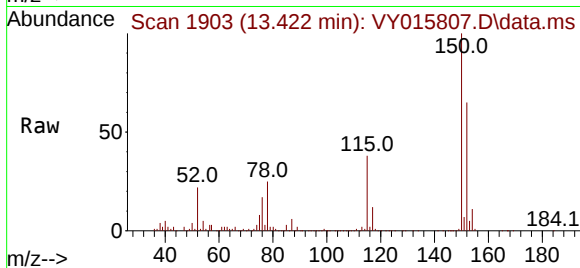
Acq: 03 Oct 2023 15:44

Instrument :

MSVOA_Y

ClientSampleId :

PP-20230928-B6A-13-15



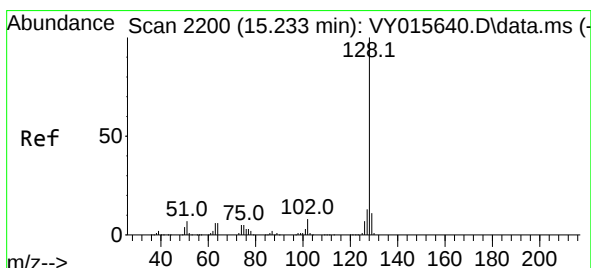
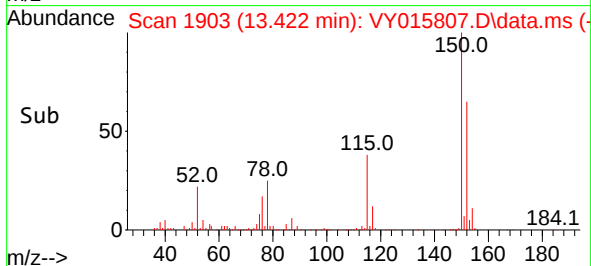
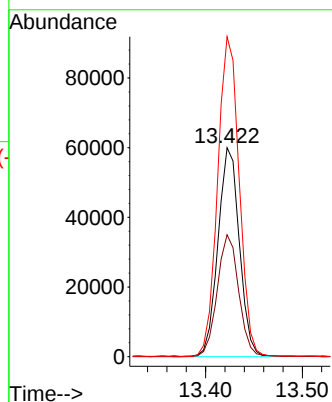
Tgt Ion:152 Resp: 91986

Ion Ratio Lower Upper

152 100

115 58.2 28.8 86.5

150 154.6 0.0 348.8



#95

Naphthalene

Concen: 1.939 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY015807.D

Acq: 03 Oct 2023 15:44

Tgt Ion:128 Resp: 9875

Ion Ratio Lower Upper

128 100

127 17.4 10.8 16.2#

129 7.7 8.6 13.0#

