

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083023\
 Data File : VY015371.D
 Acq On : 30 Aug 2023 12:41
 Operator : SY/MD
 Sample : 04203-01
 Misc : 5.42g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1(12-12.5)

Quant Time: Aug 31 00:59:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 29 22:47:33 2023
 Response via : Initial Calibration

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

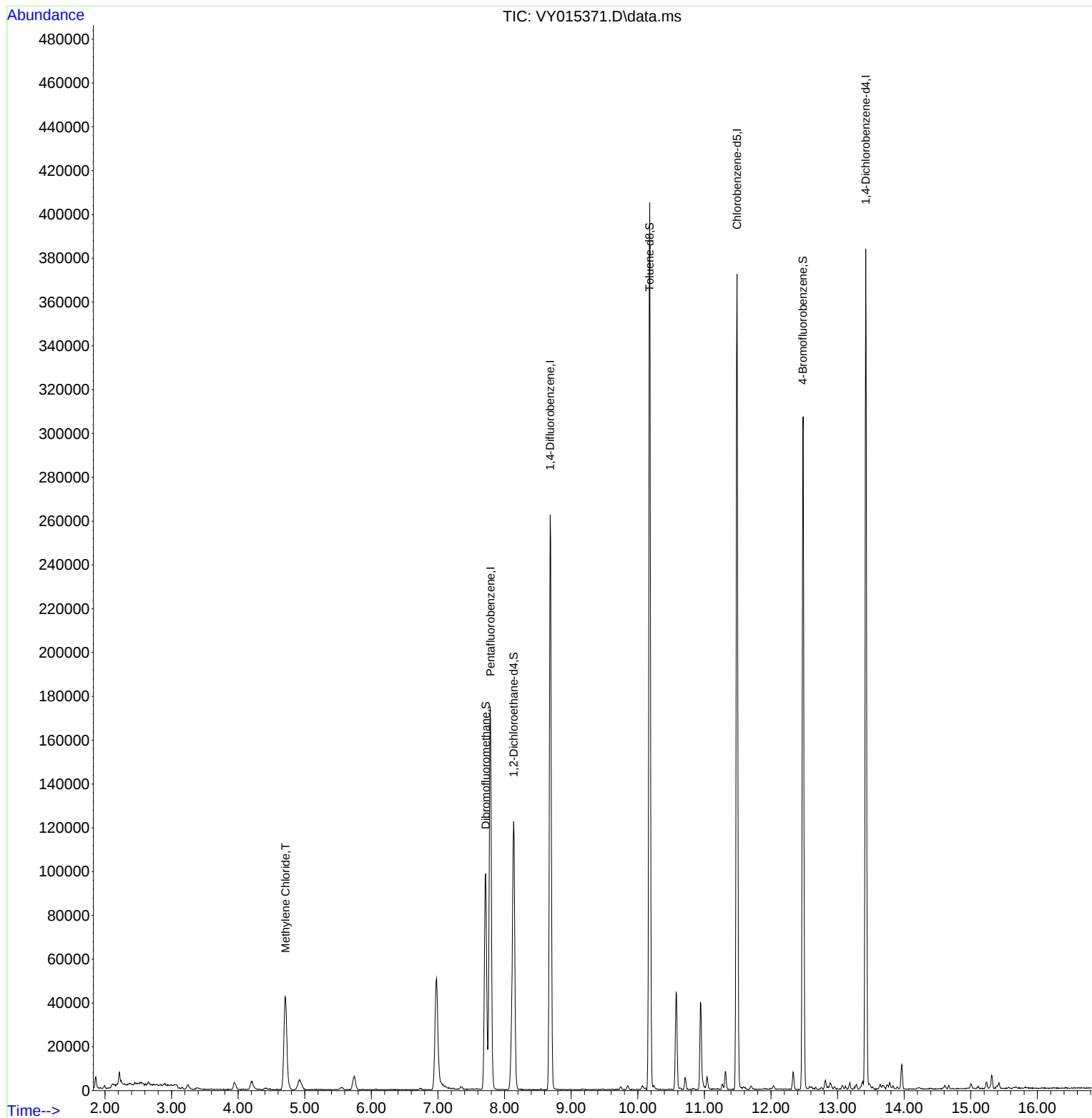
Internal Standards						
1) Pentafluorobenzene	7.789	168	136098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	224876	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	201298	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	96913	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	87581	60.030	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.060%	
35) Dibromofluoromethane	7.716	113	70338	54.305	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.620%	
50) Toluene-d8	10.179	98	262304	55.922	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.840%	
62) 4-Bromofluorobenzene	12.477	95	88178	50.639	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.280%	
Target Compounds						Qvalue
20) Methylene Chloride	4.710	84	32804	11.771	ug/l	91

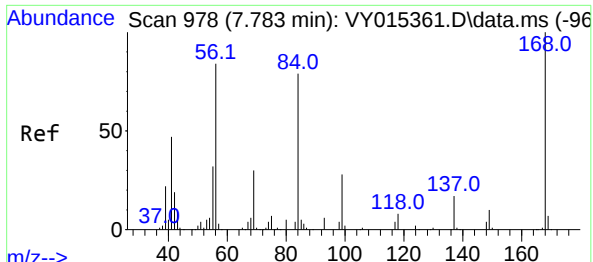
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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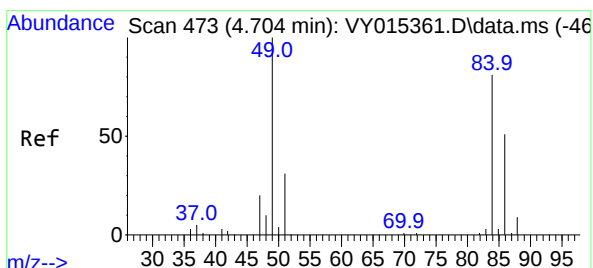
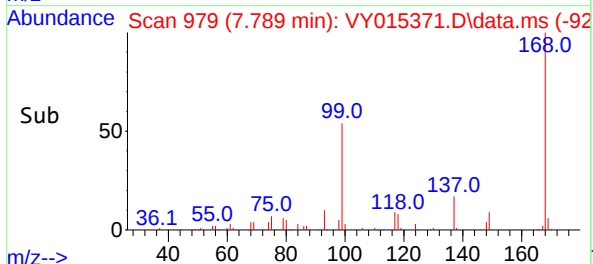
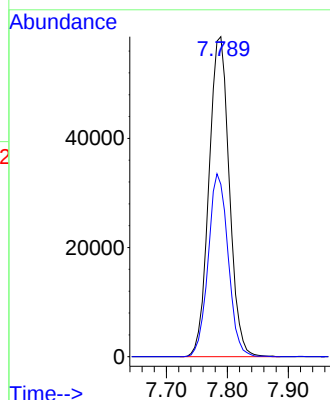
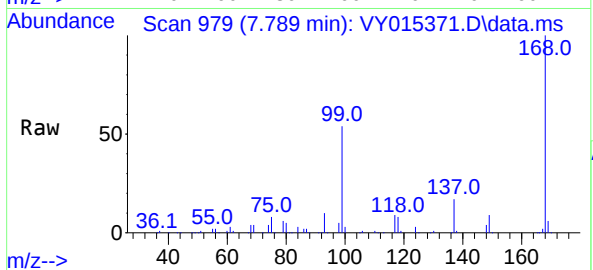




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015371.D
Acq: 30 Aug 2023 12:41

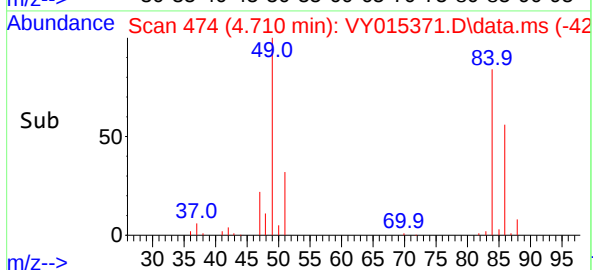
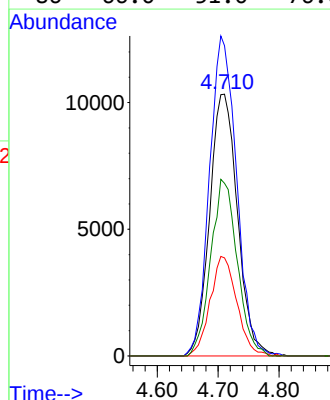
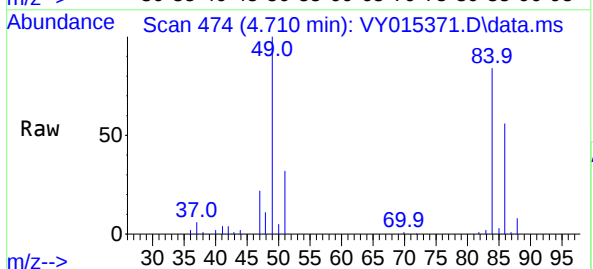
Instrument :
MSVOA_Y
ClientSampleId :
SB-1(12-12.5)

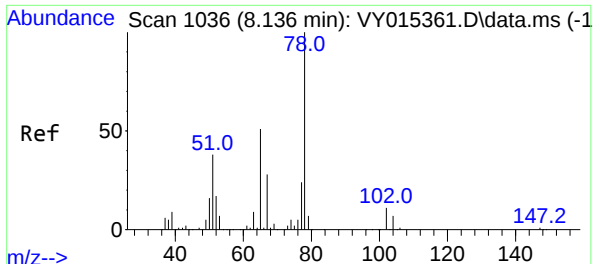
Tgt Ion:168 Resp: 136098
Ion Ratio Lower Upper
168 100
99 53.8 43.4 65.0



#20
Methylene Chloride
Concen: 11.771 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY015371.D
Acq: 30 Aug 2023 12:41

Tgt Ion: 84 Resp: 32804
Ion Ratio Lower Upper
84 100
49 118.5 106.9 160.3
51 37.5 33.2 49.8
86 66.0 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 60.030 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015371.D

Acq: 30 Aug 2023 12:41

Instrument :

MSVOA_Y

ClientSampleId :

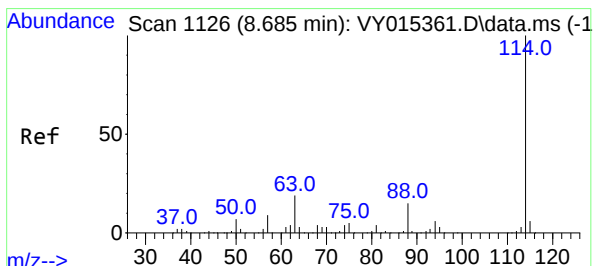
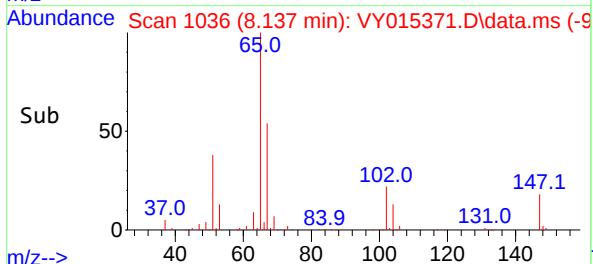
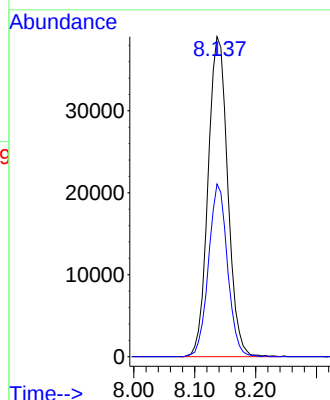
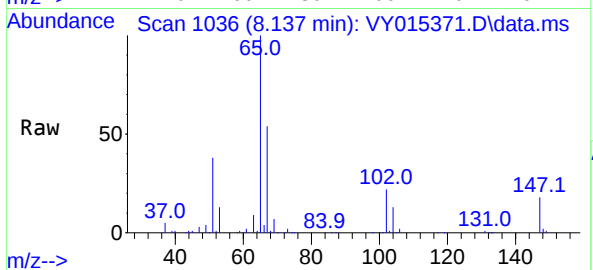
SB-1(12-12.5)

Tgt Ion: 65 Resp: 87581

Ion Ratio Lower Upper

65 100

67 52.0 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: VY015371.D

Acq: 30 Aug 2023 12:41

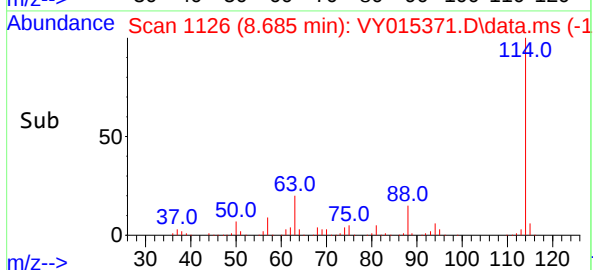
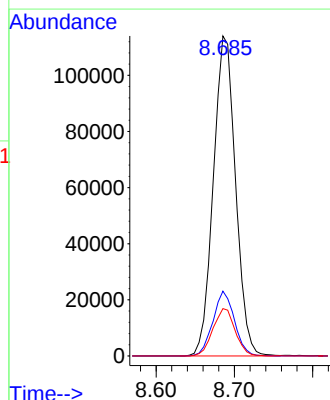
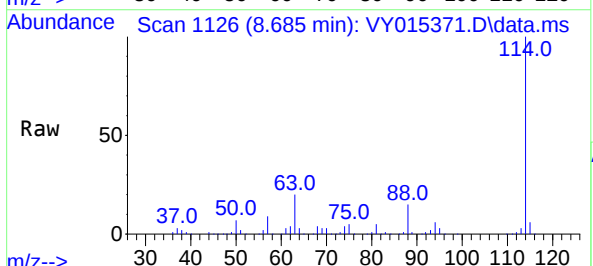
Tgt Ion: 114 Resp: 224876

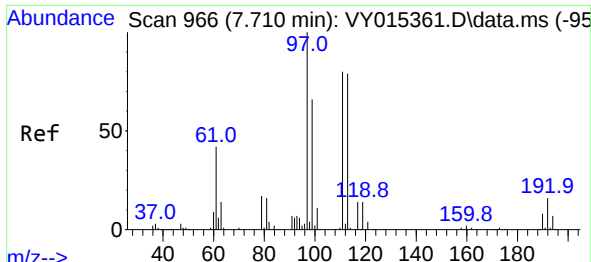
Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.4

88 14.8 0.0 30.6

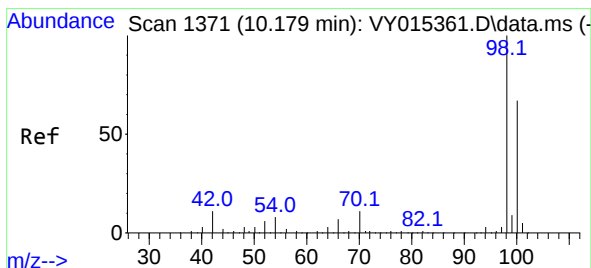
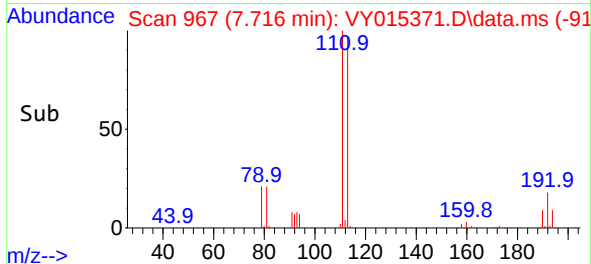
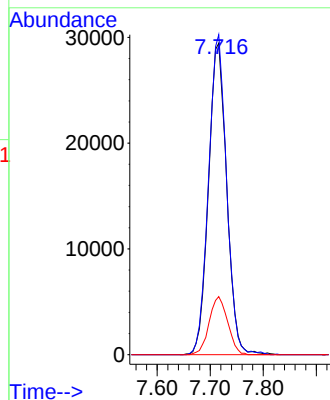
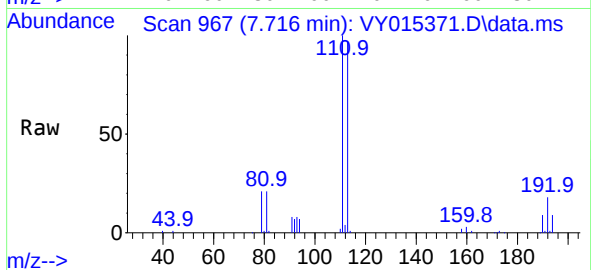




#35
Dibromofluoromethane
Concen: 54.305 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY015371.D
Acq: 30 Aug 2023 12:41

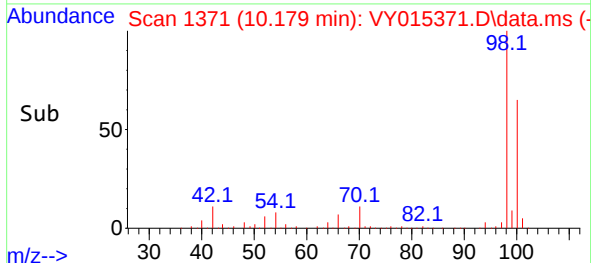
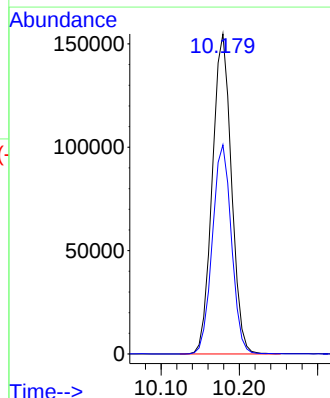
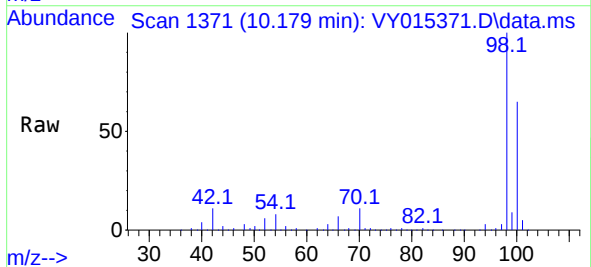
Instrument :
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ClientSampleId :
SB-1(12-12.5)

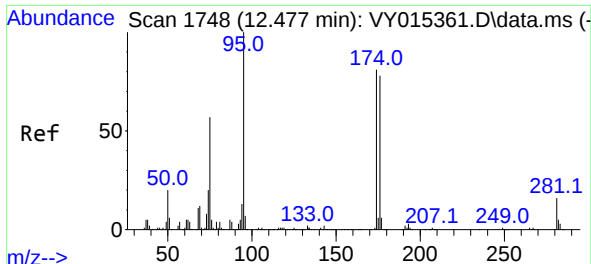
Tgt Ion:113 Resp: 70338
Ion Ratio Lower Upper
113 100
111 101.9 81.3 121.9
192 18.9 16.9 25.3



#50
Toluene-d8
Concen: 55.922 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015371.D
Acq: 30 Aug 2023 12:41

Tgt Ion: 98 Resp: 262304
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1

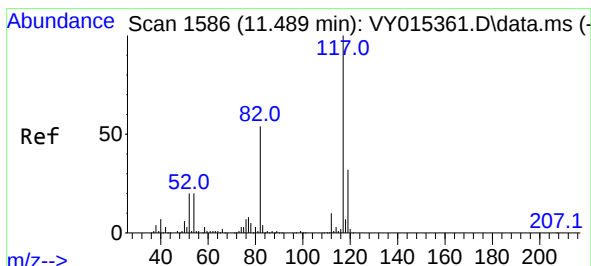
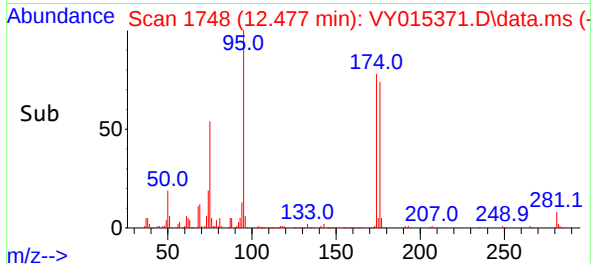
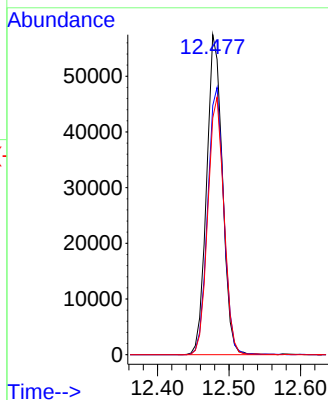
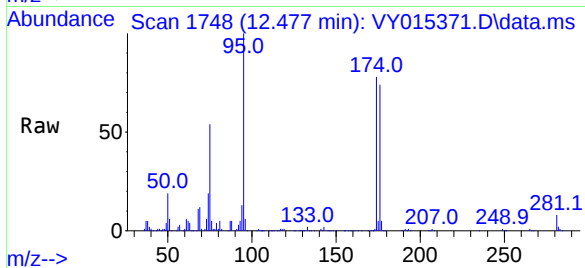




#62
4-Bromofluorobenzene
Concen: 50.639 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015371.D
Acq: 30 Aug 2023 12:41

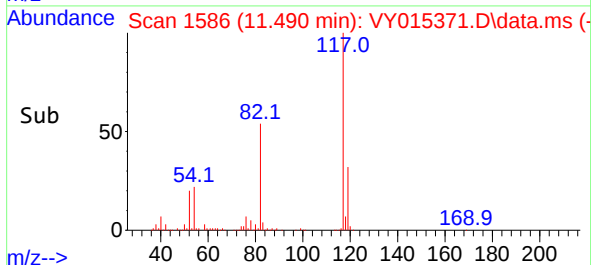
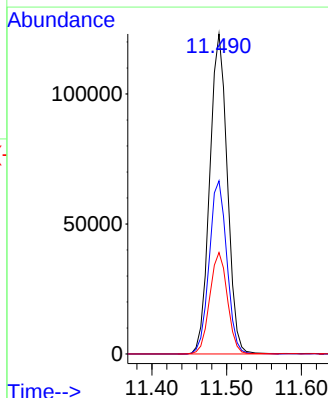
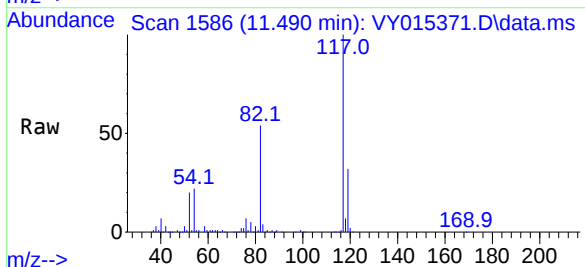
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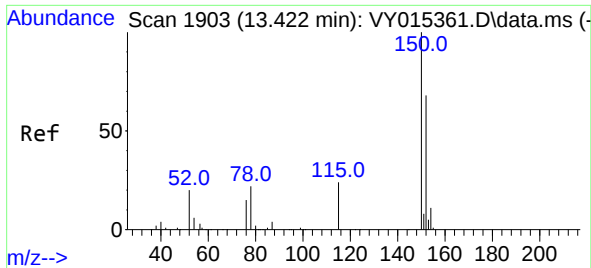
Tgt Ion: 95 Resp: 88178
Ion Ratio Lower Upper
95 100
174 85.2 0.0 178.2
176 82.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015371.D
Acq: 30 Aug 2023 12:41

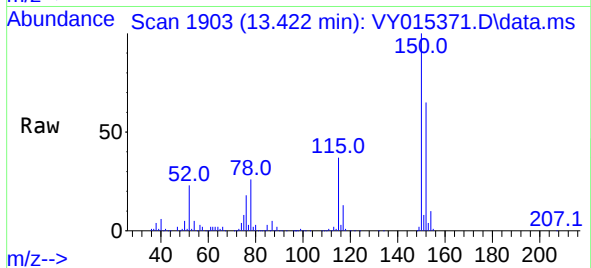
Tgt Ion: 117 Resp: 201298
Ion Ratio Lower Upper
117 100
82 54.1 43.4 65.0
119 31.7 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY015371.D
 Acq: 30 Aug 2023 12:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1(12-12.5)



Tgt Ion:	152	Resp:	96913
Ion	Ratio	Lower	Upper
152	100		
115	57.5	28.8	86.5
150	154.0	0.0	348.8

