

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090123\
 Data File : VY015414.D
 Acq On : 01 Sep 2023 14:44
 Operator : SY/MD
 Sample : 04256-09
 Misc : 3.49g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-8R-4R-9

Quant Time: Sep 01 23:41:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

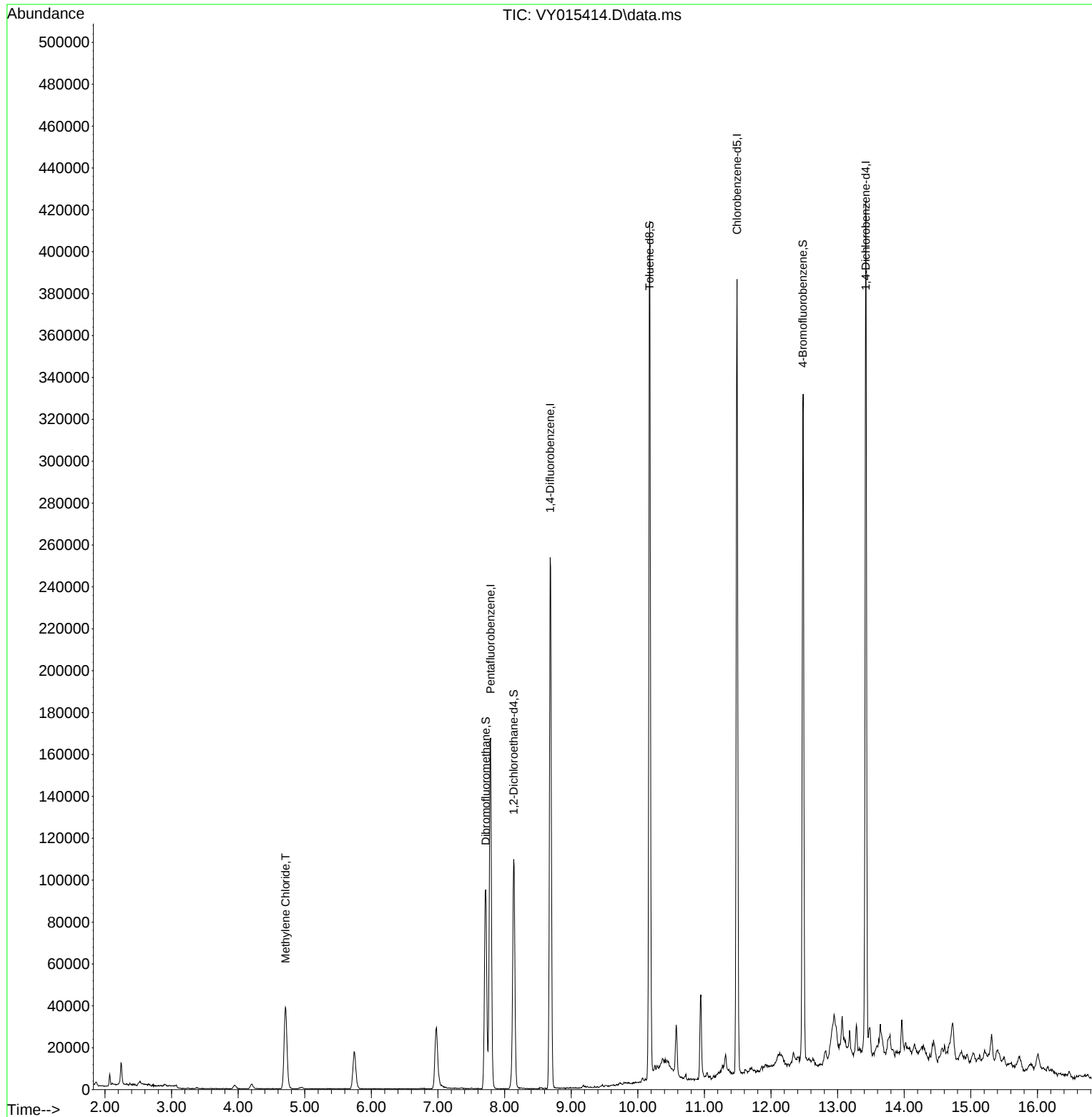
Internal Standards						
1) Pentafluorobenzene	7.789	168	129579	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	218395	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	204455	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	100985	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	85640	61.653	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.300%
35) Dibromofluoromethane	7.716	113	68955	54.817	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.640%
50) Toluene-d8	10.179	98	262284	57.577	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	115.160%
62) 4-Bromofluorobenzene	12.477	95	91233	53.948	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.900%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.710	84	29722	10.875	ug/l	93

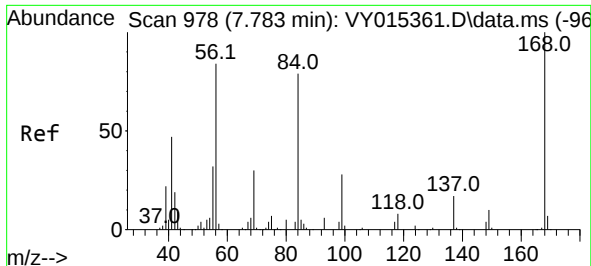
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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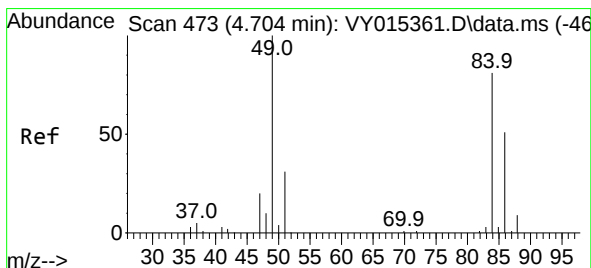
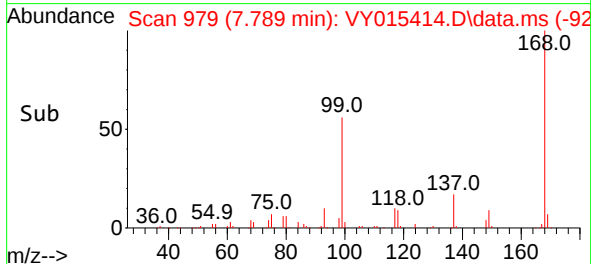
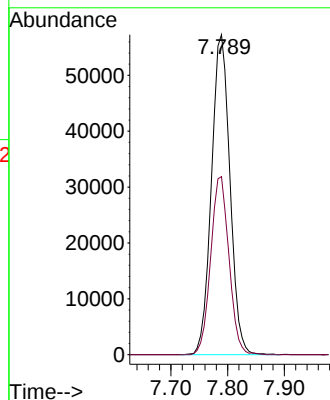
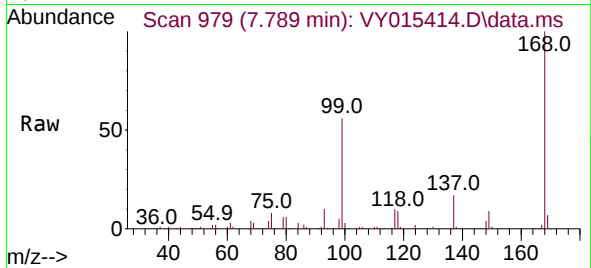




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015414.D
Acq: 01 Sep 2023 14:44

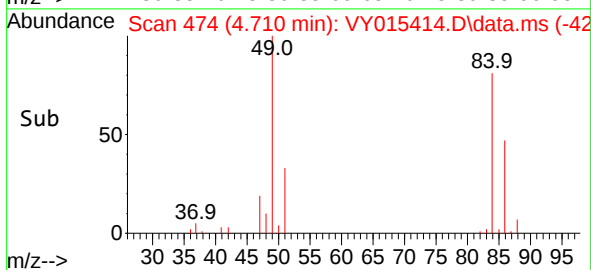
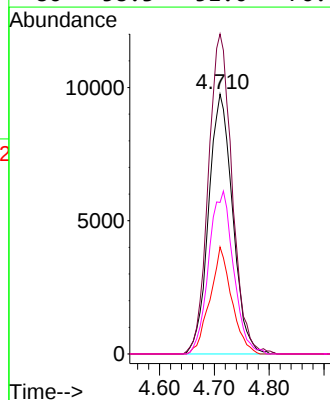
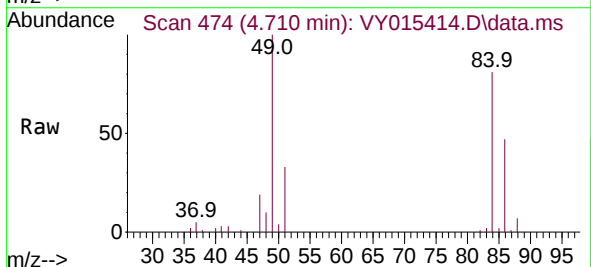
Instrument :
MSVOA_Y
ClientSampleId :
MW-8R-4R-9

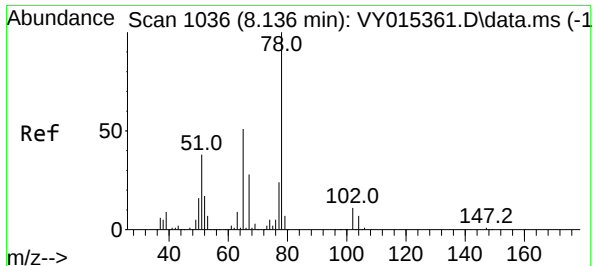
Tgt Ion:168 Resp: 129579
Ion Ratio Lower Upper
168 100
99 55.6 43.4 65.0



#20
Methylene Chloride
Concen: 10.875 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY015414.D
Acq: 01 Sep 2023 14:44

Tgt Ion: 84 Resp: 29722
Ion Ratio Lower Upper
84 100
49 123.2 106.9 160.3
51 41.1 33.2 49.8
86 58.3 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 61.653 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015414.D

Acq: 01 Sep 2023 14:44

Instrument :

MSVOA_Y

ClientSampleId :

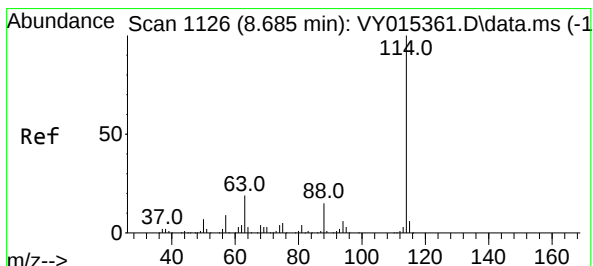
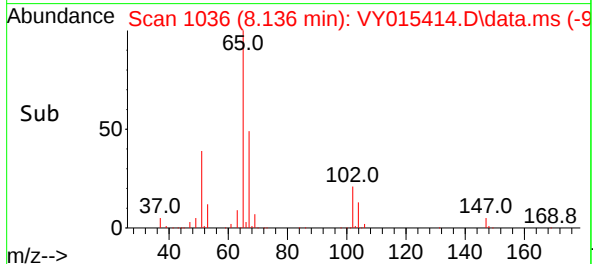
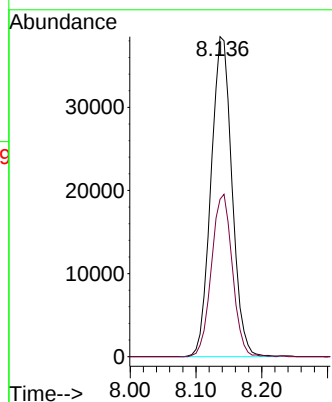
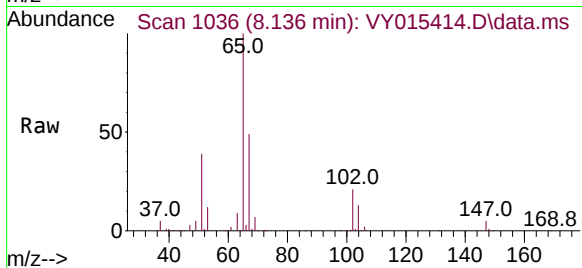
MW-8R-4R-9

Tgt Ion: 65 Resp: 85640

Ion Ratio Lower Upper

65 100

67 50.5 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: VY015414.D

Acq: 01 Sep 2023 14:44

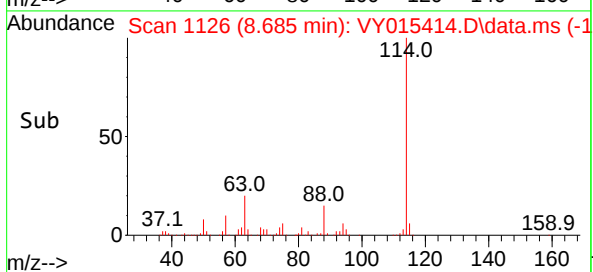
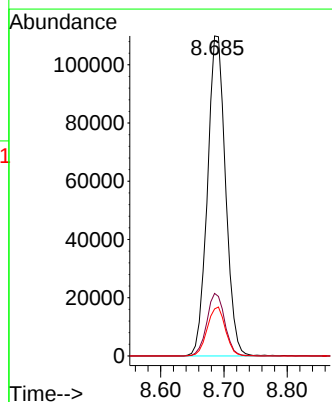
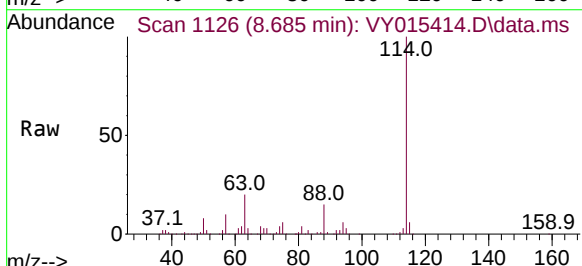
Tgt Ion: 114 Resp: 218395

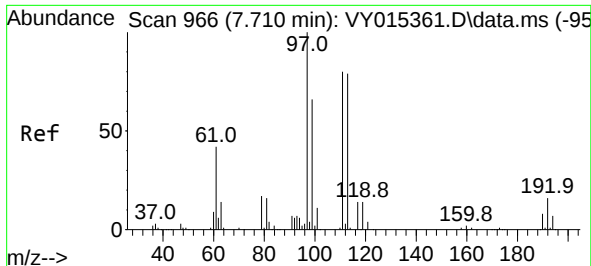
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.4

88 14.7 0.0 30.6

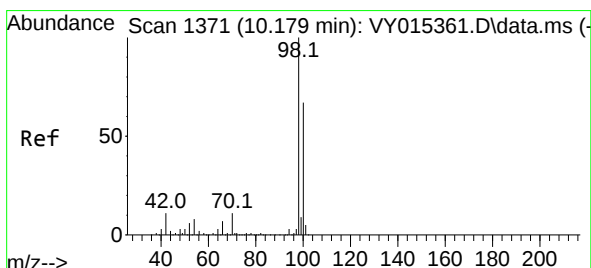
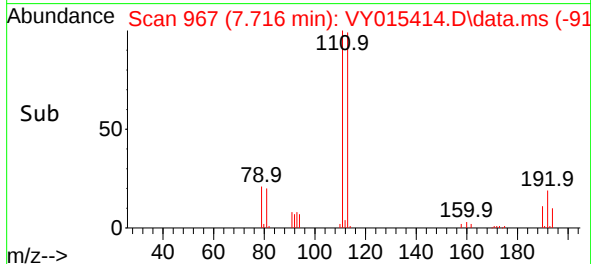
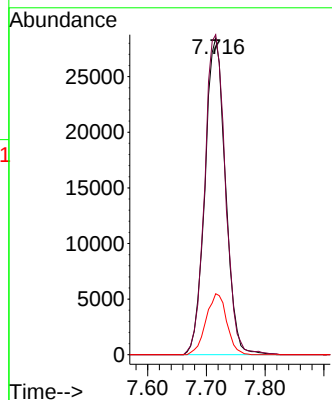
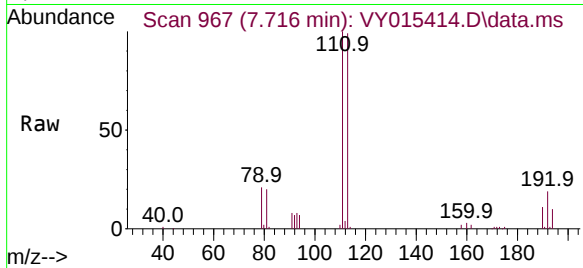




#35
Dibromofluoromethane
Concen: 54.817 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY015414.D
Acq: 01 Sep 2023 14:44

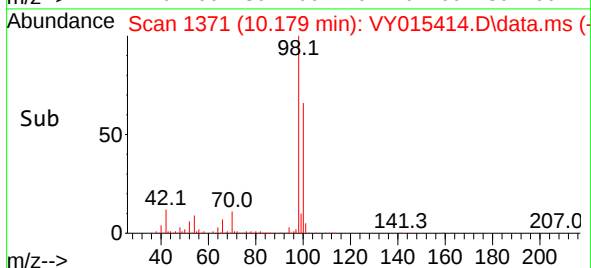
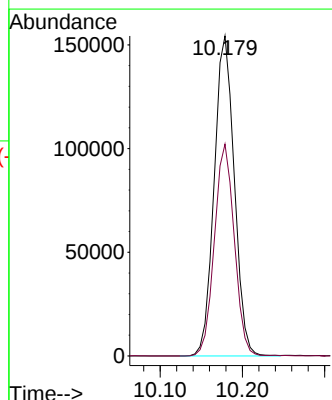
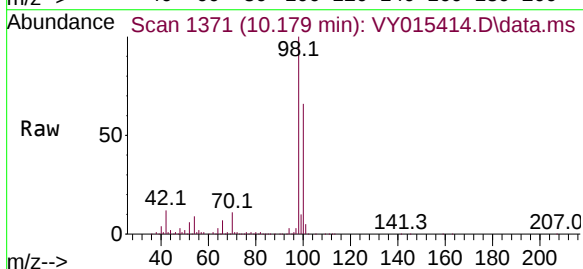
Instrument :
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ClientSampleId :
MW-8R-4R-9

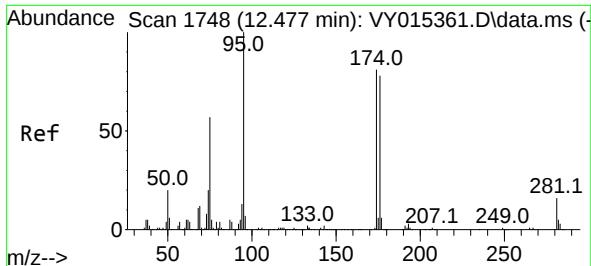
Tgt Ion:113 Resp: 68955
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 19.5 16.9 25.3



#50
Toluene-d8
Concen: 57.577 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015414.D
Acq: 01 Sep 2023 14:44

Tgt Ion: 98 Resp: 262284
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1

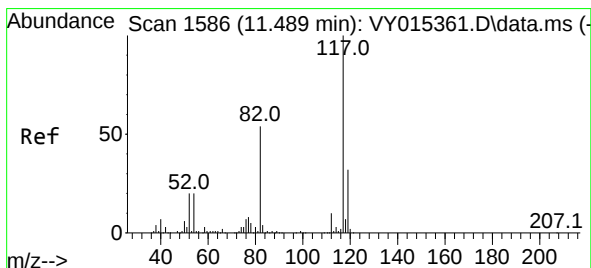
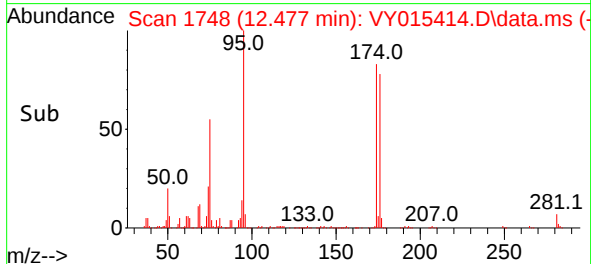
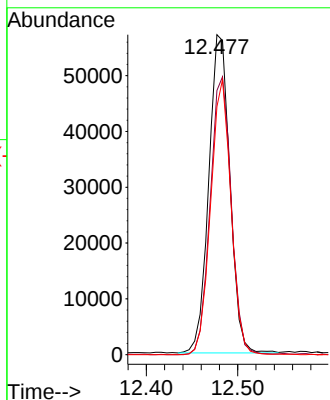
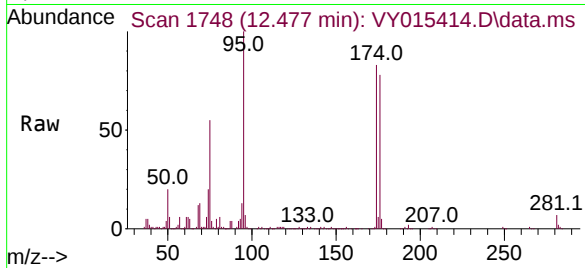




#62
4-Bromofluorobenzene
Concen: 53.948 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015414.D
Acq: 01 Sep 2023 14:44

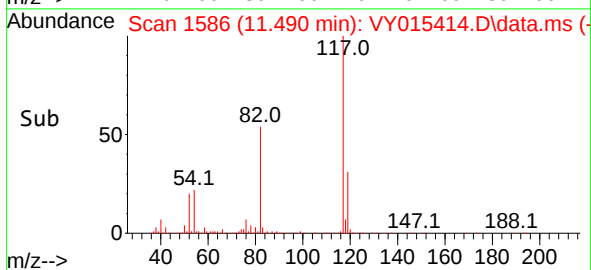
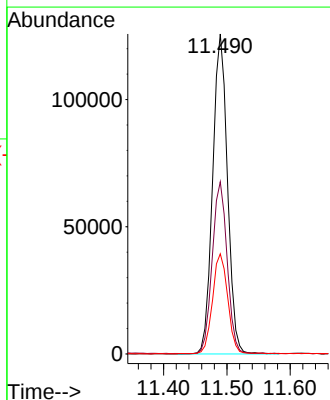
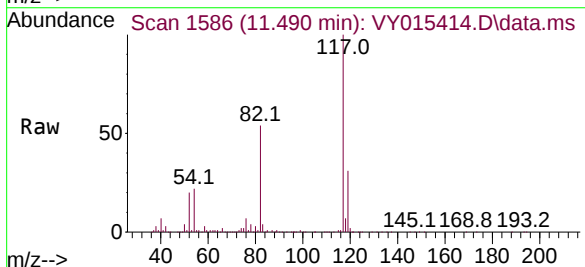
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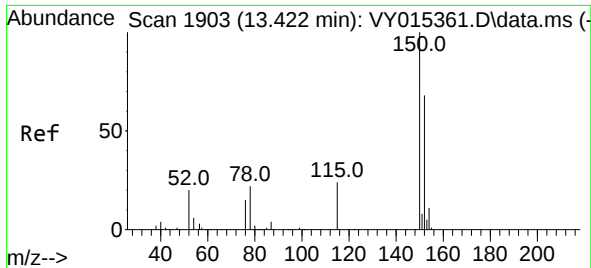
Tgt Ion: 95 Resp: 91233
Ion Ratio Lower Upper
95 100
174 87.2 0.0 178.2
176 83.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015414.D
Acq: 01 Sep 2023 14:44

Tgt Ion: 117 Resp: 204455
Ion Ratio Lower Upper
117 100
82 53.7 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: VY015414.D

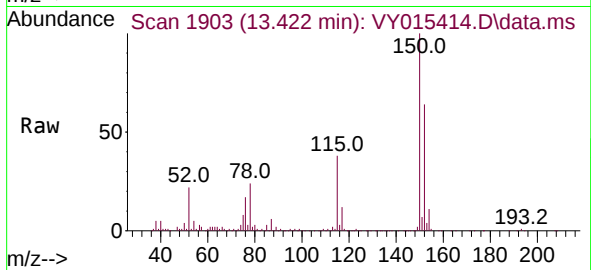
Acq: 01 Sep 2023 14:44

Instrument :

MSVOA_Y

ClientSampleId :

MW-8R-4R-9



Tgt Ion:152 Resp: 100985

Ion Ratio Lower Upper

152 100

115 59.6 28.8 86.5

150 156.6 0.0 348.8

