

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052623\
 Data File : VY013894.D
 Acq On : 26 May 2023 15:35
 Operator : KP/MD
 Sample : 02904-01RE
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-3-052323RE

Quant Time: May 26 16:45:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

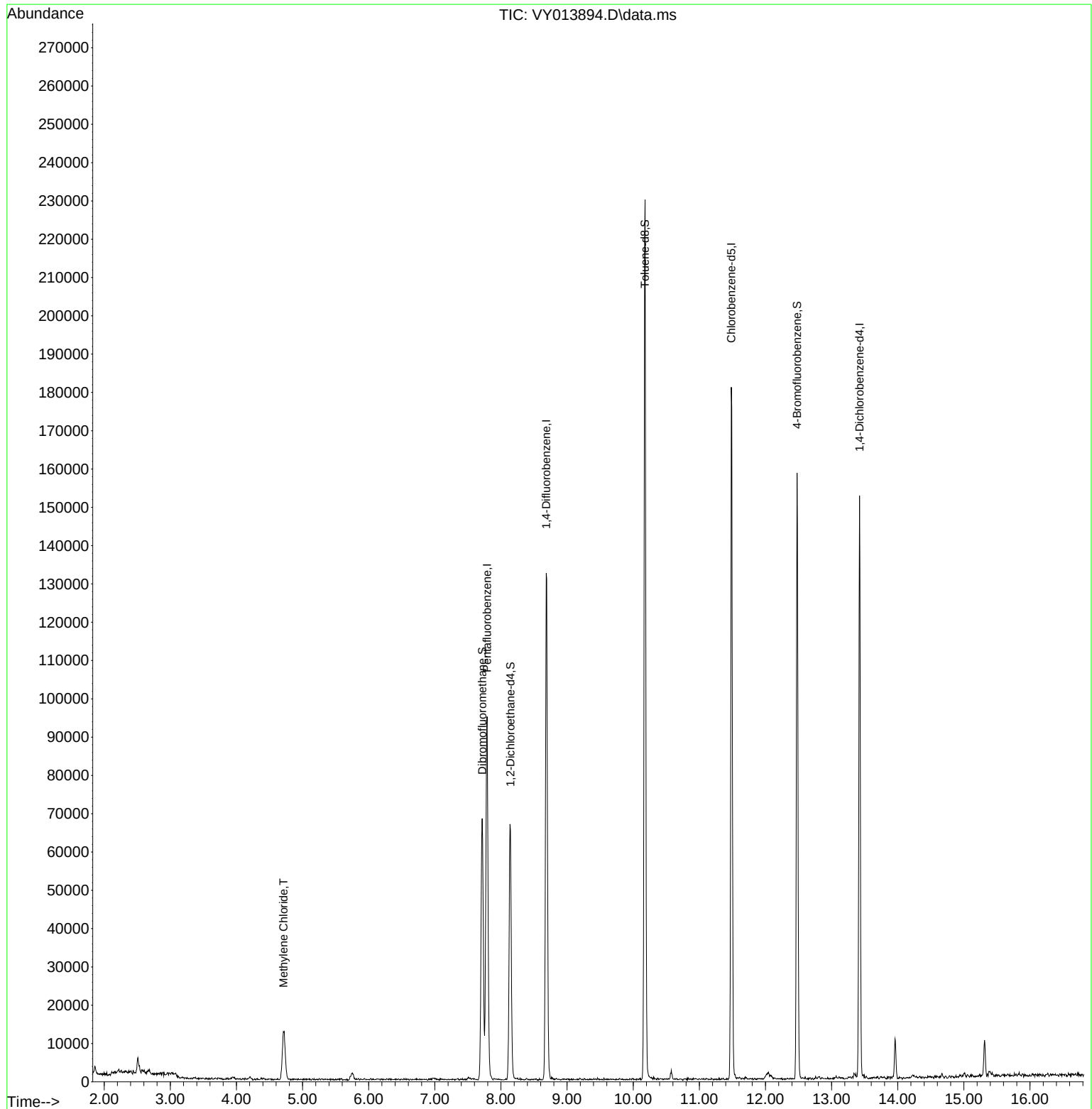
Internal Standards						
1) Pentafluorobenzene	7.789	168	73353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	109353	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.484	117	96795	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	39482	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	55234	65.087	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.180%
35) Dibromofluoromethane	7.716	113	46227	65.458	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	130.920%
50) Toluene-d8	10.179	98	150116	55.929	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.860%
62) 4-Bromofluorobenzene	12.477	95	43681	48.960	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.920%
Target Compounds						
20) Methylene Chloride	4.710	84	9147	8.115	ug/l	95

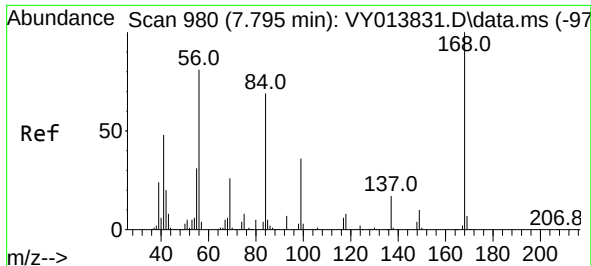
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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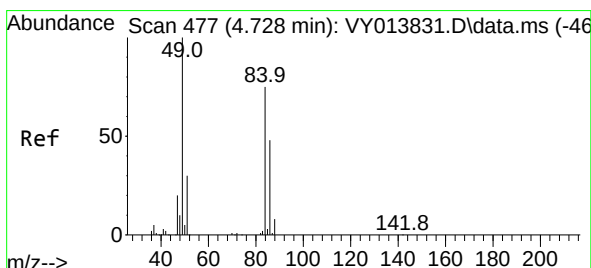
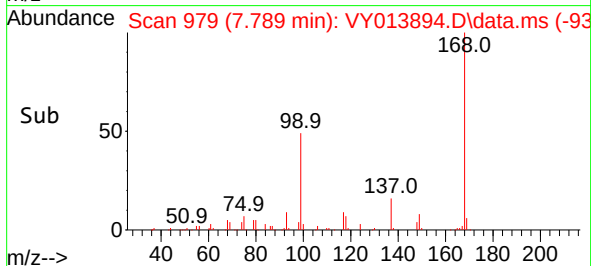
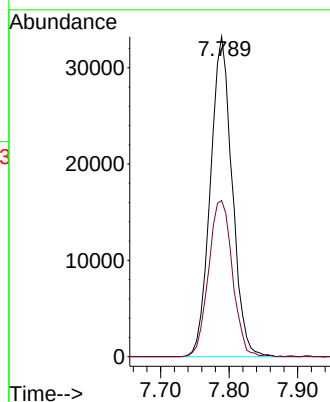
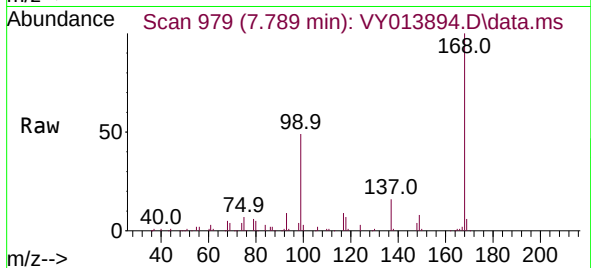




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013894.D
Acq: 26 May 2023 15:35

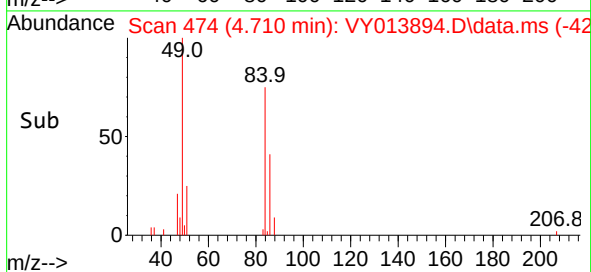
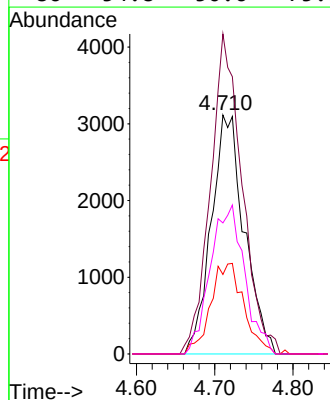
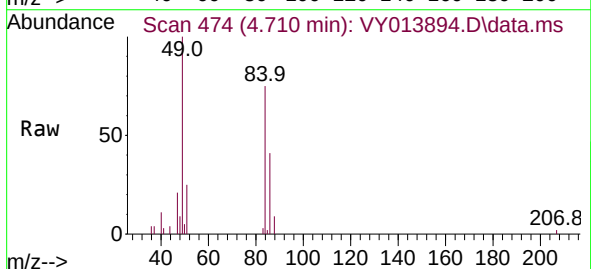
Instrument :
MSVOA_Y
ClientSampleId :
EO-3-052323RE

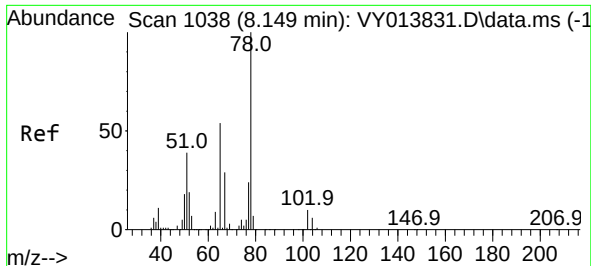
Tgt Ion:168 Resp: 73353
Ion Ratio Lower Upper
168 100
99 48.8 43.4 65.2



#20
Methylene Chloride
Concen: 8.115 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.018 min
Lab File: VY013894.D
Acq: 26 May 2023 15:35

Tgt Ion: 84 Resp: 9147
Ion Ratio Lower Upper
84 100
49 133.9 106.2 159.2
51 33.3 31.4 47.0
86 54.8 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 65.087 ug/l

RT: 8.143 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY013894.D

Acq: 26 May 2023 15:35

Instrument :

MSVOA_Y

ClientSampleId :

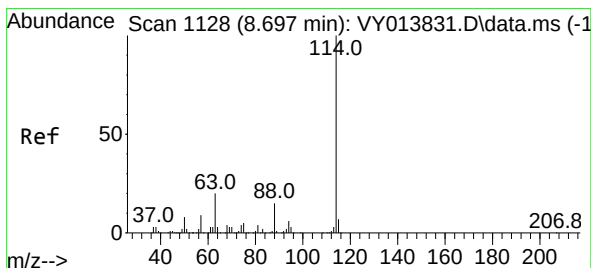
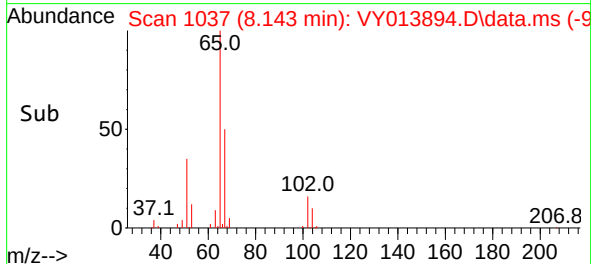
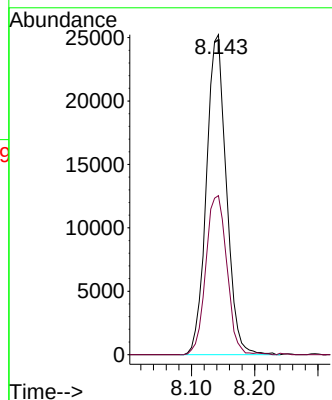
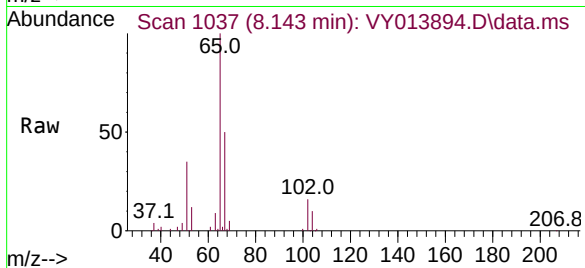
EO-3-052323RE

Tgt Ion: 65 Resp: 55234

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.012 min

Lab File: VY013894.D

Acq: 26 May 2023 15:35

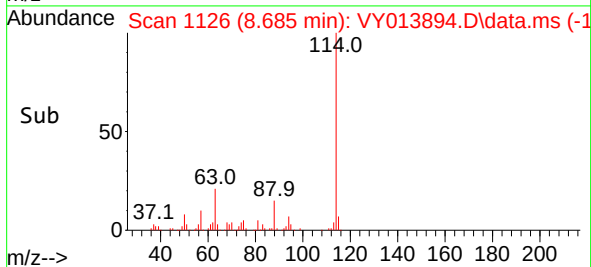
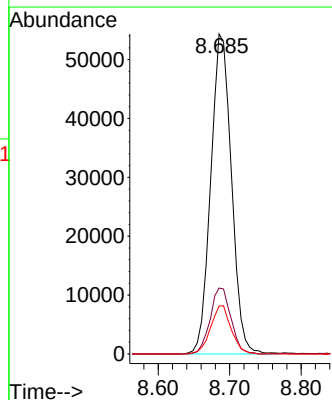
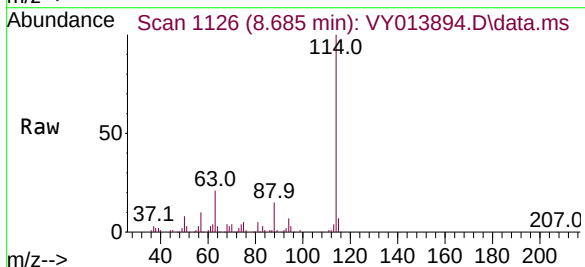
Tgt Ion: 114 Resp: 109353

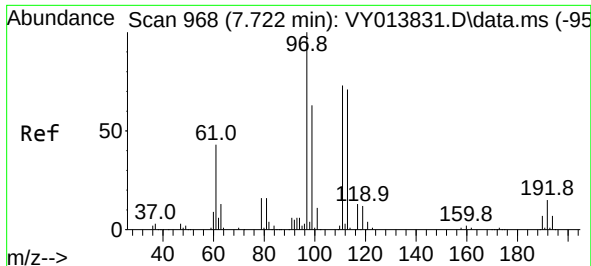
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.2

88 15.0 0.0 30.0





#35

Dibromofluoromethane

Concen: 65.458 ug/l

RT: 7.716 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY013894.D

Acq: 26 May 2023 15:35

Instrument :

MSVOA_Y

ClientSampleId :

EO-3-052323RE

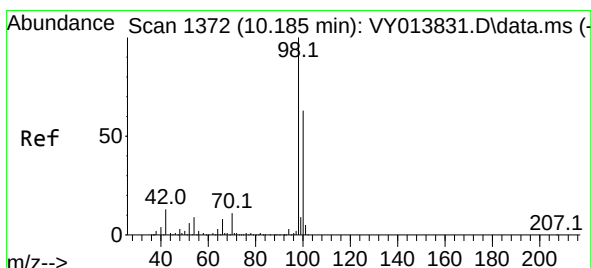
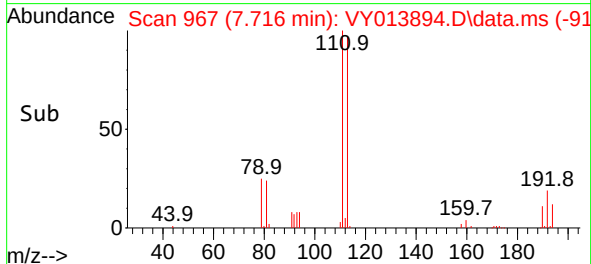
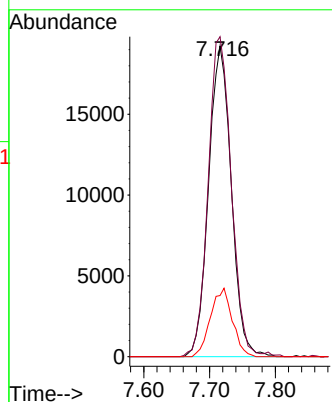
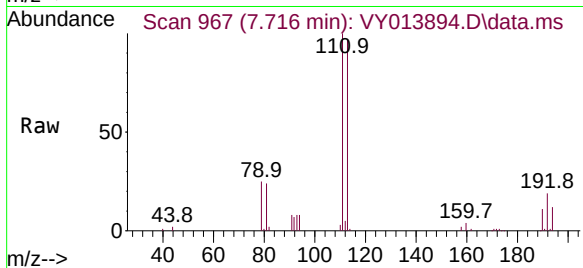
Tgt Ion:113 Resp: 46227

Ion Ratio Lower Upper

113 100

111 105.0 80.4 120.6

192 21.2 16.6 25.0



#50

Toluene-d8

Concen: 55.929 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY013894.D

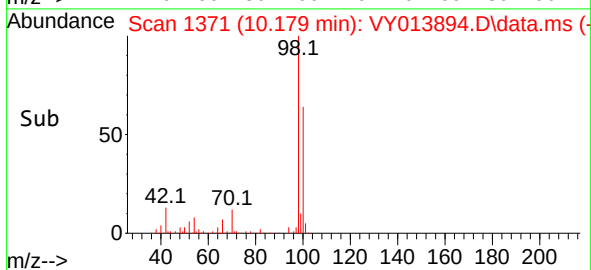
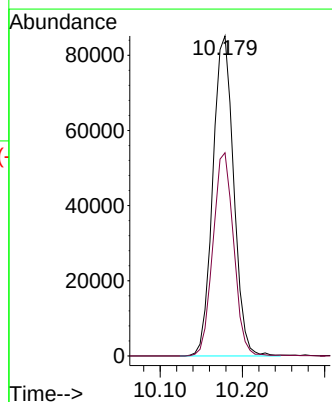
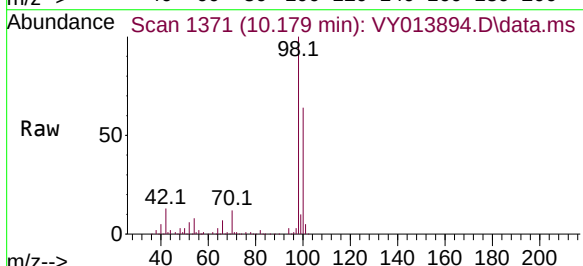
Acq: 26 May 2023 15:35

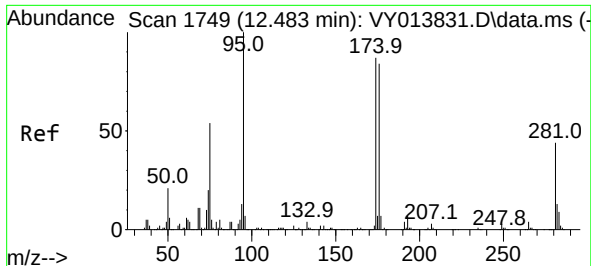
Tgt Ion: 98 Resp: 150116

Ion Ratio Lower Upper

98 100

100 63.0 50.8 76.2

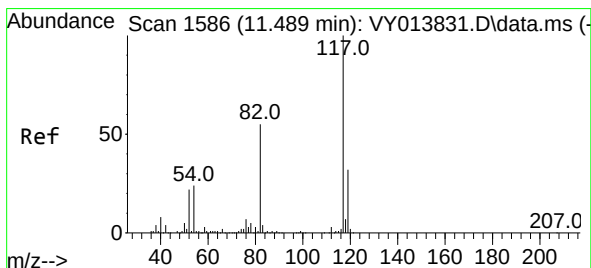
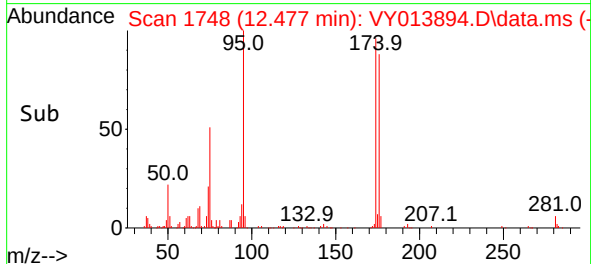
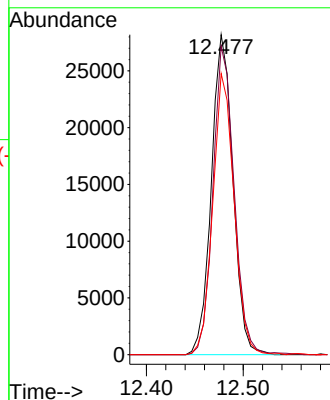
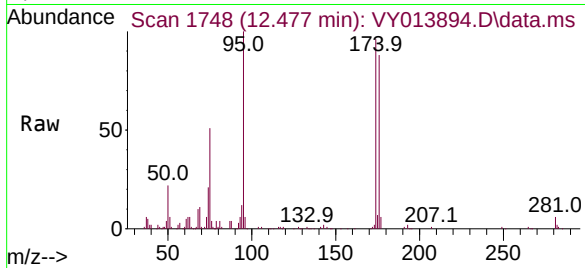




#62
4-Bromofluorobenzene
Concen: 48.960 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013894.D
Acq: 26 May 2023 15:35

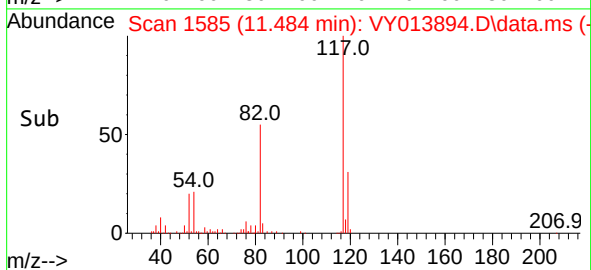
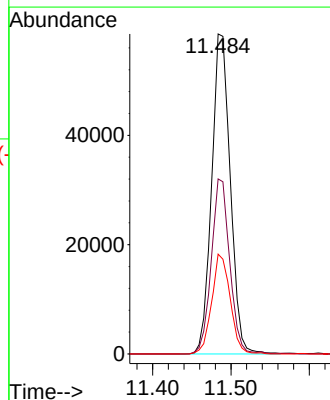
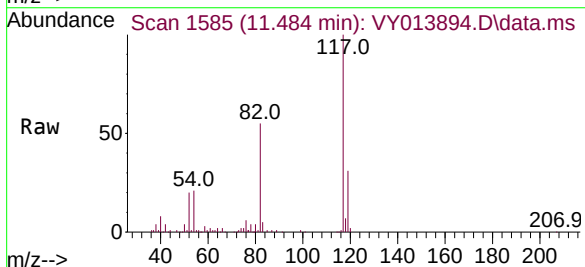
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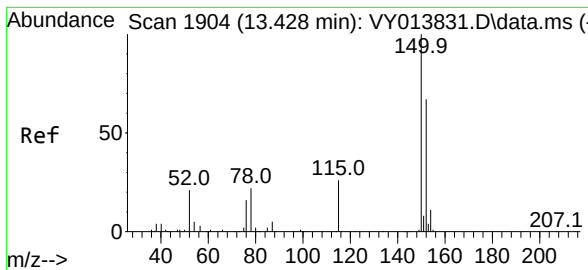
Tgt Ion: 95 Resp: 43681
Ion Ratio Lower Upper
95 100
174 94.6 0.0 176.0
176 86.7 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.484 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY013894.D
Acq: 26 May 2023 15:35

Tgt Ion: 117 Resp: 96795
Ion Ratio Lower Upper
117 100
82 54.7 44.2 66.4
119 31.2 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY013894.D
 Acq: 26 May 2023 15:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-3-052323RE

Tgt Ion:152 Resp: 39482
 Ion Ratio Lower Upper
 152 100
 115 54.3 28.8 86.5
 150 151.0 0.0 353.4

