

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100522\
 Data File : VY010812.D
 Acq On : 05 Oct 2022 12:15
 Operator : KP/MD
 Sample : N4948-02RE
 Misc : 6.90g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-7RE

Quant Time: Oct 06 09:16:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

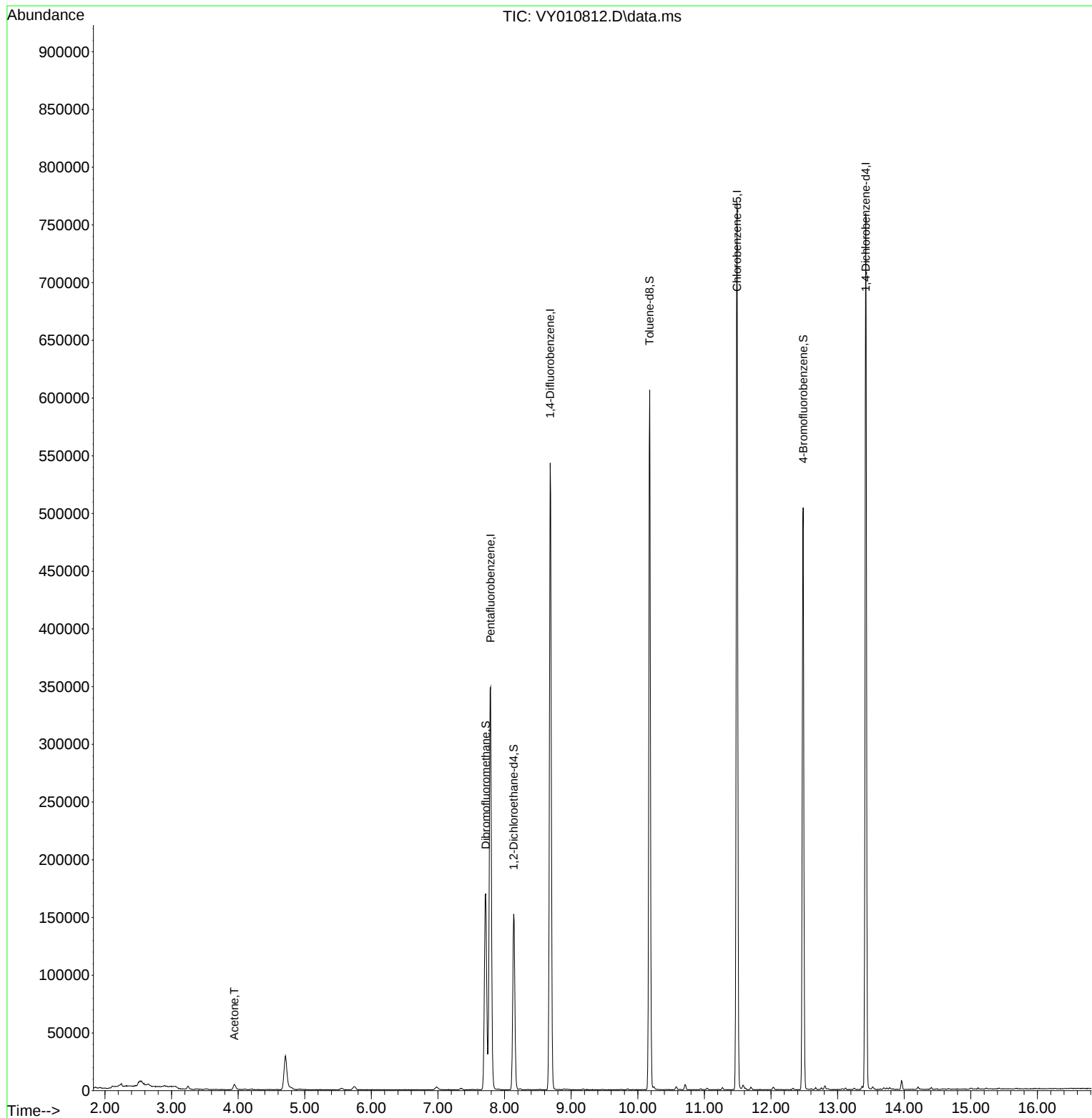
Internal Standards						
1) Pentafluorobenzene	7.789	168	271213	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	465277	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	410828	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	189953	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	117533	42.754	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.500%
35) Dibromofluoromethane	7.716	113	123684	40.046	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.100%
50) Toluene-d8	10.179	98	393817	37.285	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	74.560%
62) 4-Bromofluorobenzene	12.483	95	148843	34.963	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	69.920%
Target Compounds						
16) Acetone	3.942	43	8157	11.683	ug/l	Qvalue # 88

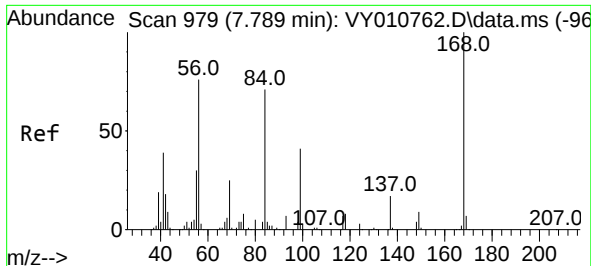
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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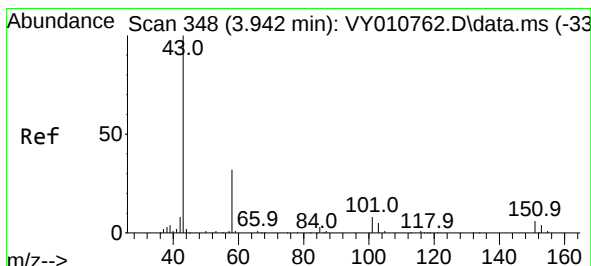
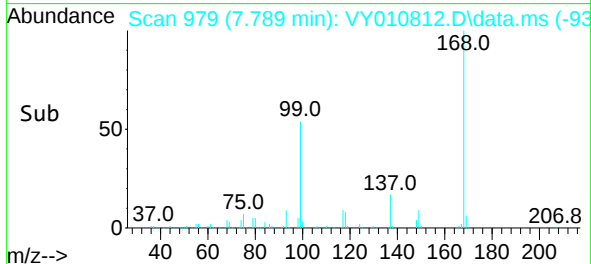
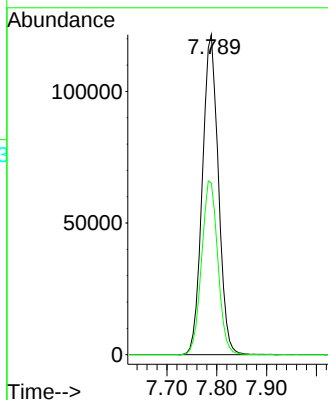
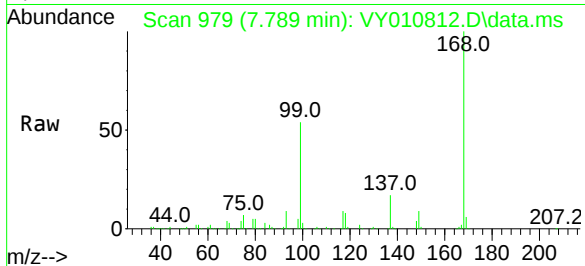




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY010812.D
Acq: 05 Oct 2022 12:15

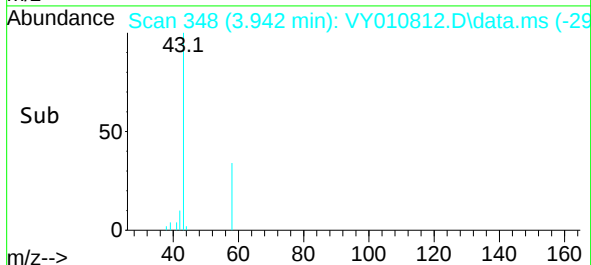
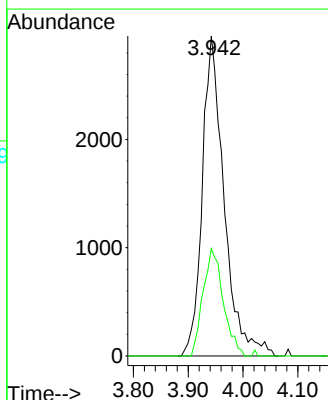
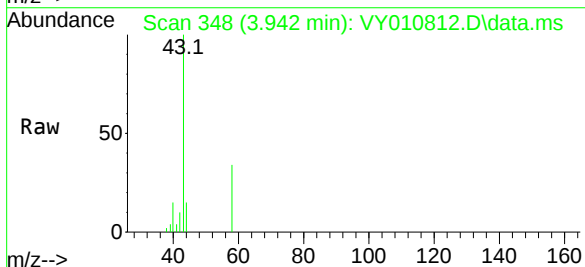
Instrument :
MSVOA_Y
ClientSampleId :
PE-7RE

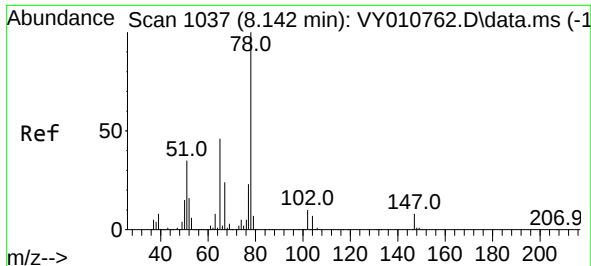
Tgt Ion:168 Resp: 271213
Ion Ratio Lower Upper
168 100
99 53.7 46.9 70.3



#16
Acetone
Concen: 11.683 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010812.D
Acq: 05 Oct 2022 12:15

Tgt Ion: 43 Resp: 8157
Ion Ratio Lower Upper
43 100
58 33.6 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 42.754 ug/l

RT: 8.137 min Scan# 110

Delta R.T. -0.005 min

Lab File: VY010812.D

Acq: 05 Oct 2022 12:15

Instrument :

MSVOA_Y

ClientSampleId :

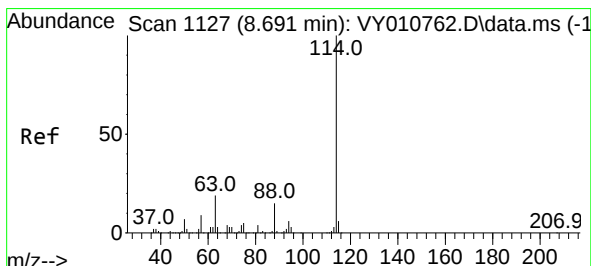
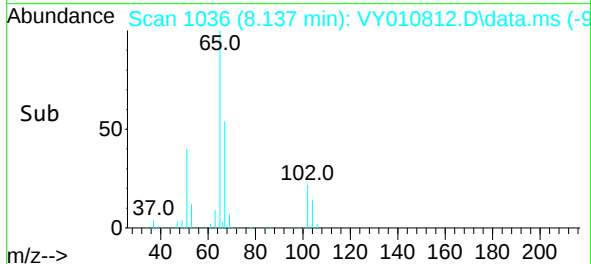
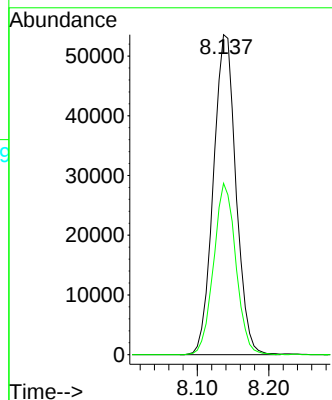
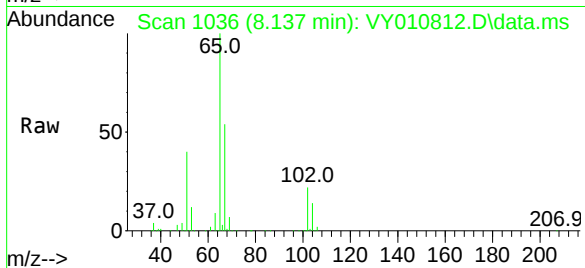
PE-7RE

Tgt Ion: 65 Resp: 117533

Ion Ratio Lower Upper

65 100

67 52.6 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY010812.D

Acq: 05 Oct 2022 12:15

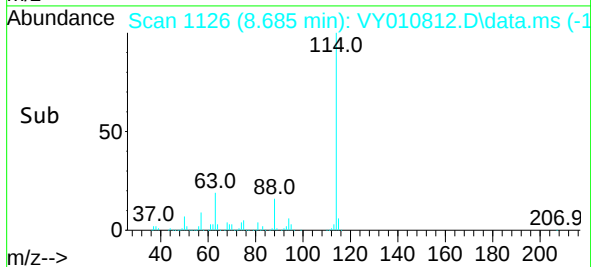
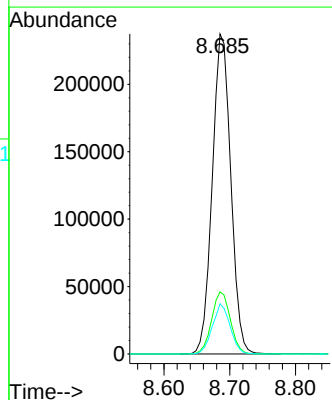
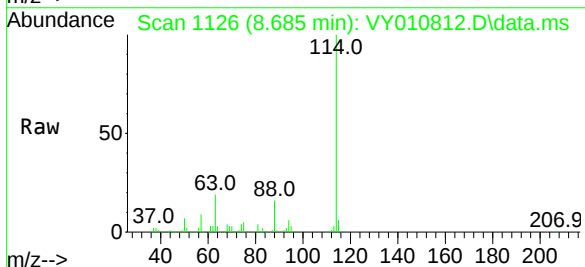
Tgt Ion: 114 Resp: 465277

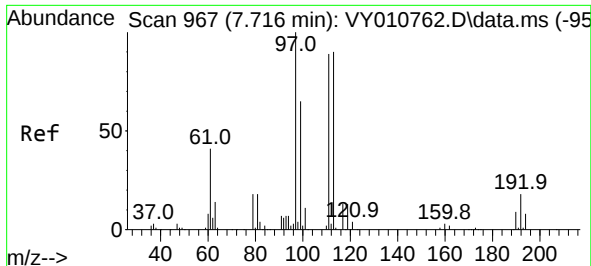
Ion Ratio Lower Upper

114 100

63 19.4 0.0 43.2

88 15.7 0.0 31.8

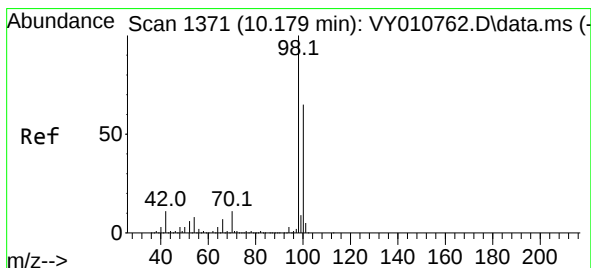
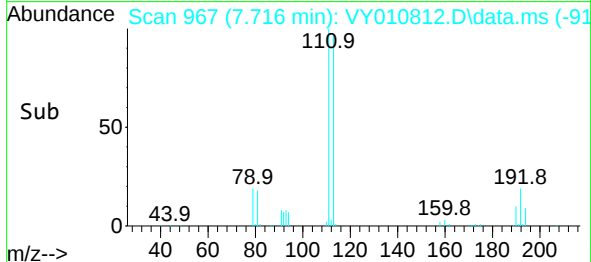
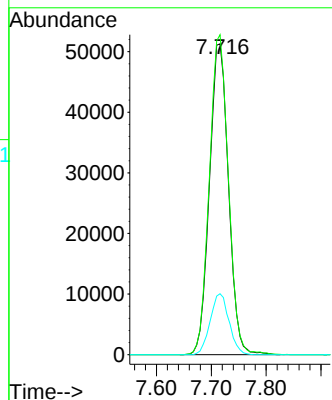
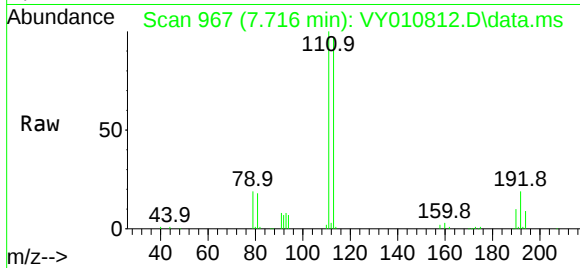




#35
Dibromofluoromethane
Concen: 40.046 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010812.D
Acq: 05 Oct 2022 12:15

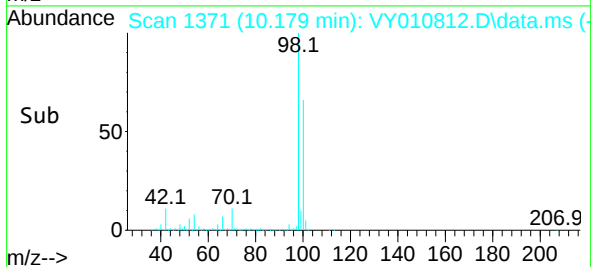
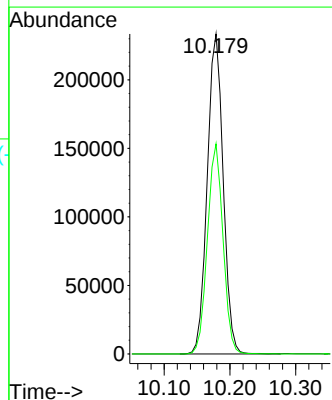
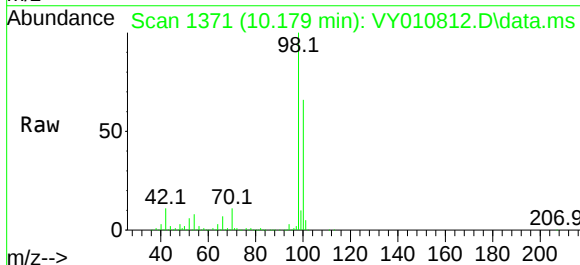
Instrument :
MSVOA_Y
ClientSampleId :
PE-7RE

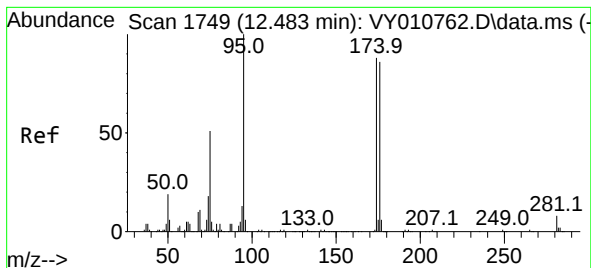
Tgt Ion:113 Resp: 123684
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 19.4 17.6 26.4



#50
Toluene-d8
Concen: 37.285 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010812.D
Acq: 05 Oct 2022 12:15

Tgt Ion: 98 Resp: 393817
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2

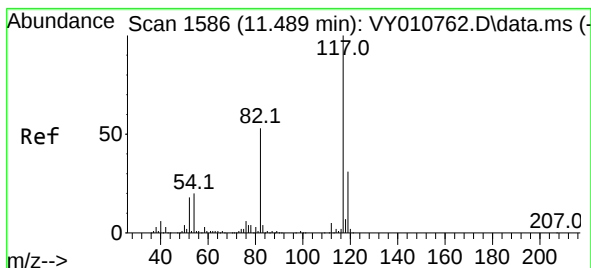
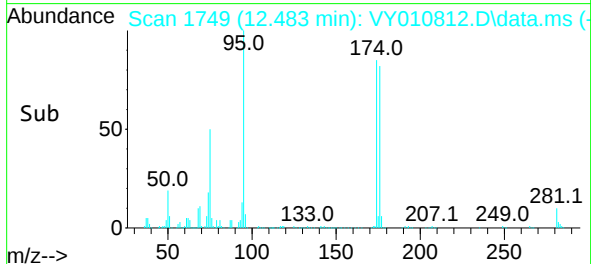
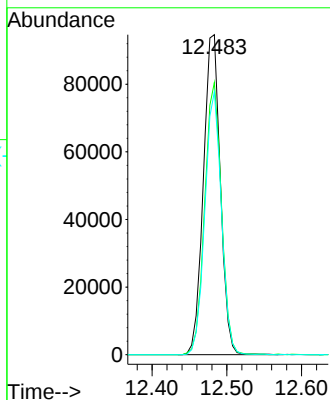
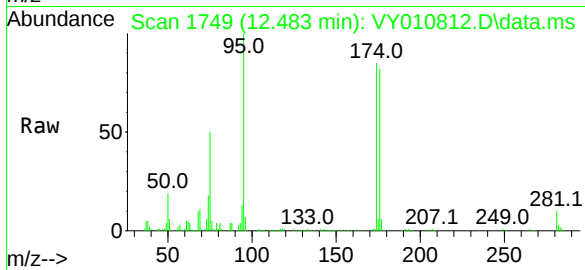




#62
4-Bromofluorobenzene
Concen: 34.963 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010812.D
Acq: 05 Oct 2022 12:15

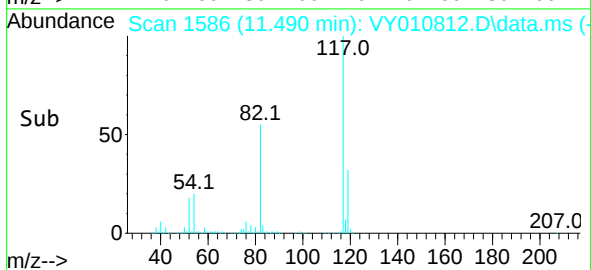
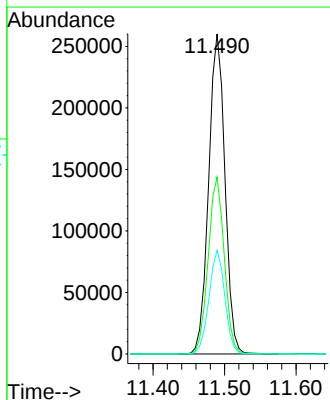
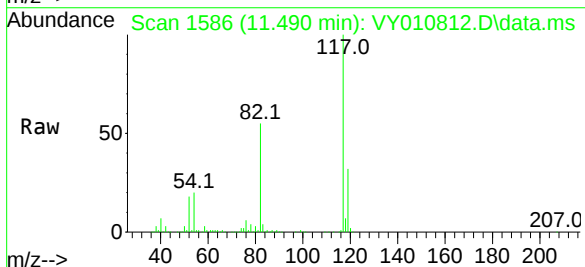
Instrument :
MSVOA_Y
ClientSampleId :
PE-7RE

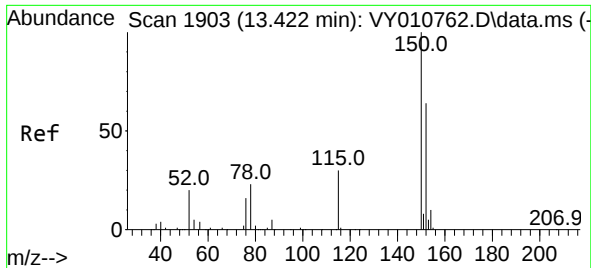
Tgt Ion: 95 Resp: 148843
Ion Ratio Lower Upper
95 100
174 84.2 0.0 177.0
176 80.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY010812.D
Acq: 05 Oct 2022 12:15

Tgt Ion: 117 Resp: 410828
Ion Ratio Lower Upper
117 100
82 55.3 43.0 64.4
119 32.4 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY010812.D

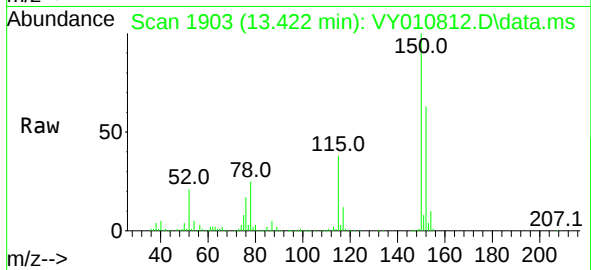
Acq: 05 Oct 2022 12:15

Instrument :

MSVOA_Y

ClientSampleId :

PE-7RE



Tgt Ion:152 Resp: 189953

Ion Ratio Lower Upper

152 100

115 59.2 28.2 84.7

150 159.0 0.0 347.6

