

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100422\
 Data File : VY010794.D
 Acq On : 04 Oct 2022 14:47
 Operator : KP/MD
 Sample : N4948-02
 Misc : 7.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-7

Quant Time: Oct 05 07:29:35 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	296064	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	504506	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	443002	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	206657	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	117222	39.061	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.120%
35) Dibromofluoromethane	7.716	113	122412	36.552	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	73.100%
50) Toluene-d8	10.179	98	402258	35.122	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	70.240%
62) 4-Bromofluorobenzene	12.483	95	149255	32.035	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	64.060%

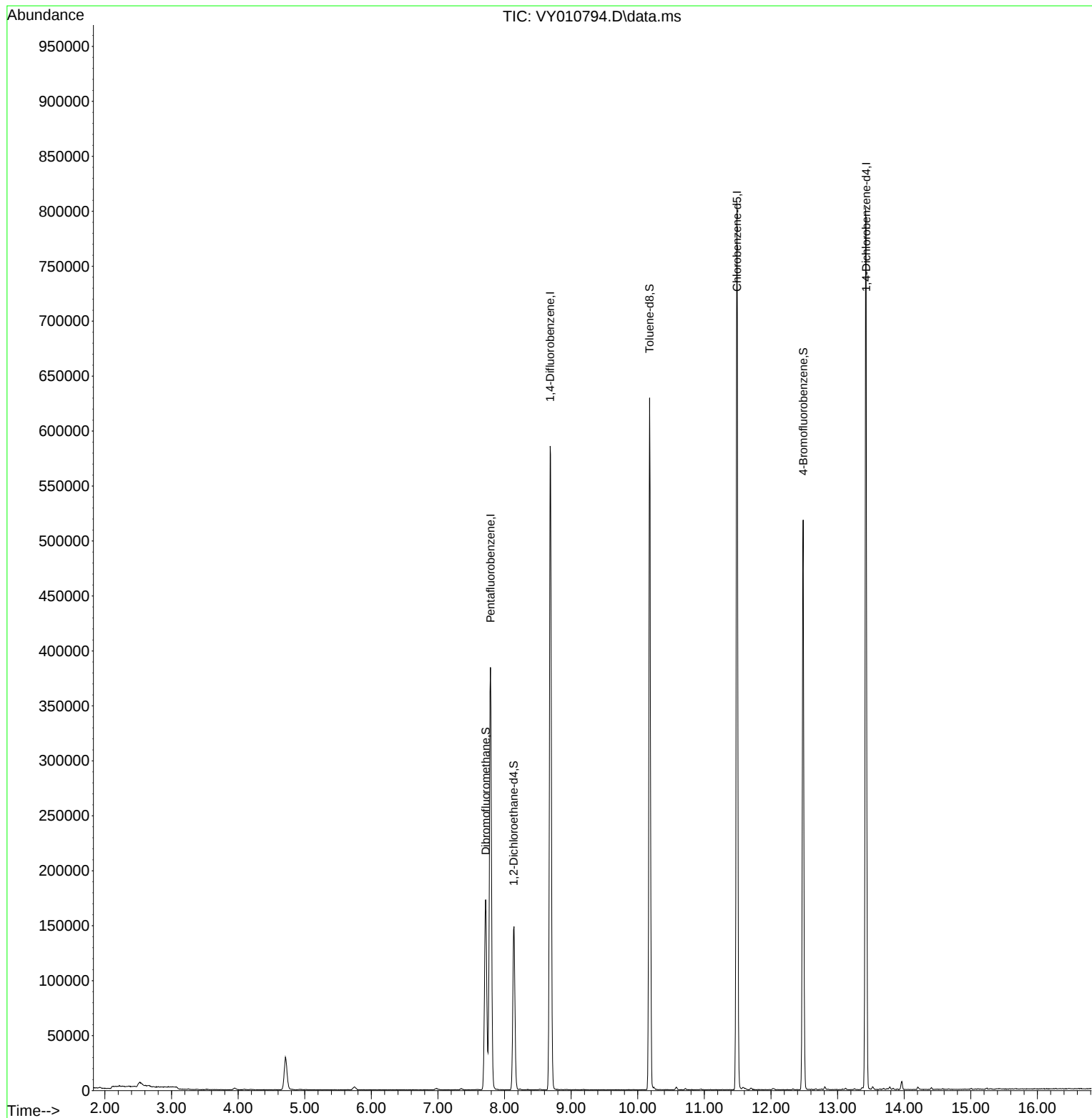
Target Compounds	Qvalue

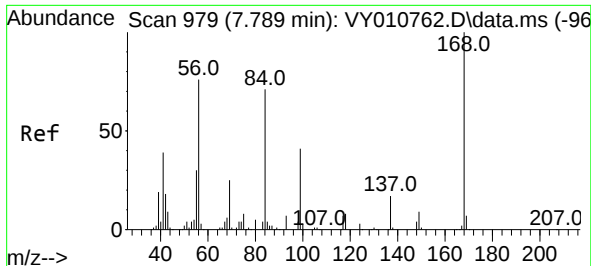
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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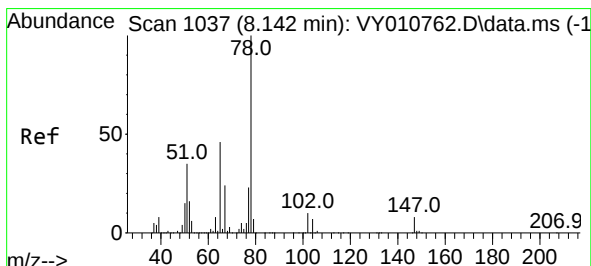
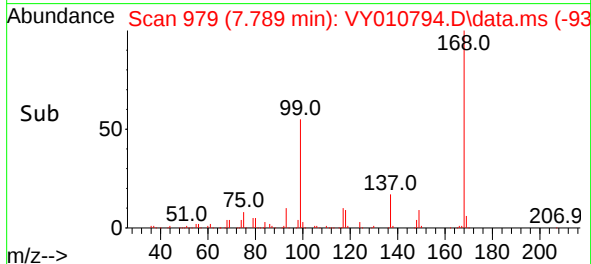
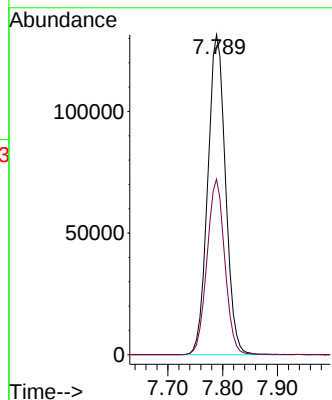
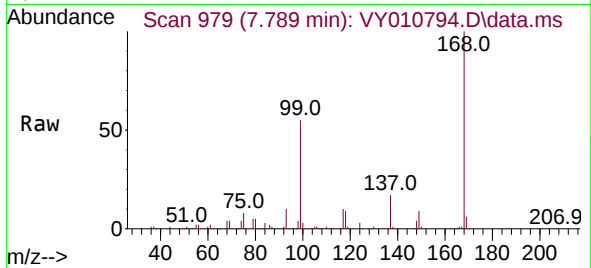




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010794.D
Acq: 04 Oct 2022 14:47

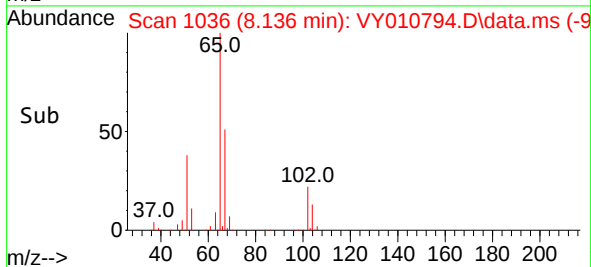
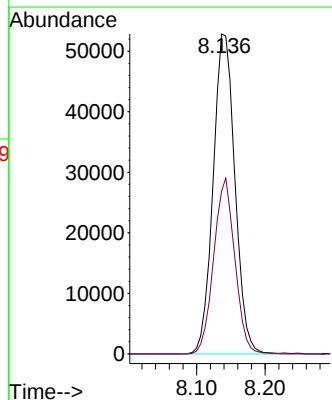
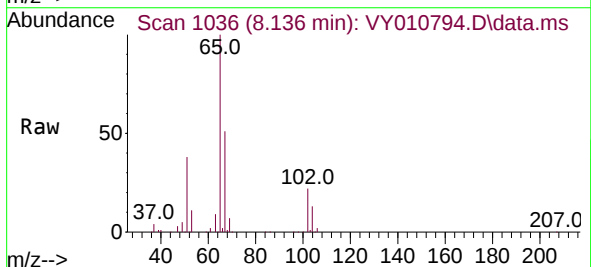
Instrument :
MSVOA_Y
ClientSampleId :
PE-7

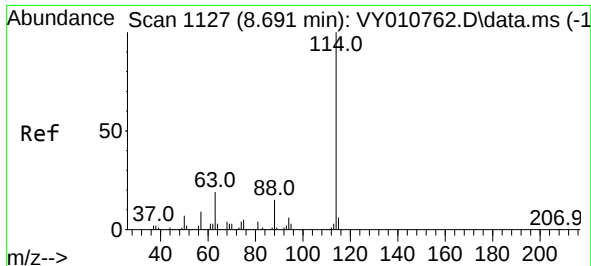
Tgt Ion:168 Resp: 296064
Ion Ratio Lower Upper
168 100
99 54.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 39.061 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY010794.D
Acq: 04 Oct 2022 14:47

Tgt Ion: 65 Resp: 117222
Ion Ratio Lower Upper
65 100
67 53.0 0.0 99.4

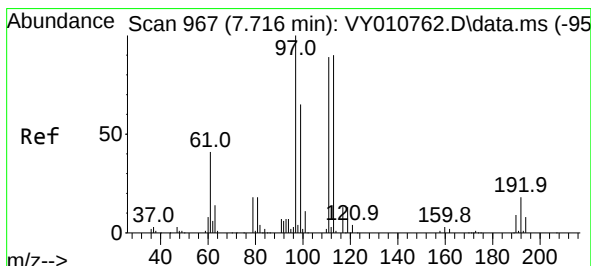
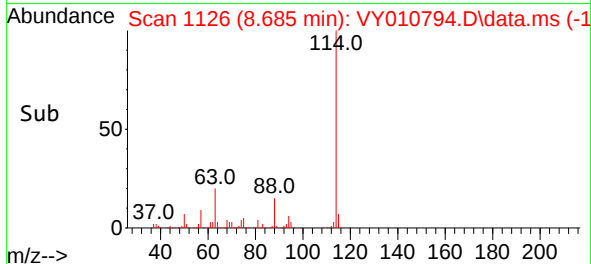
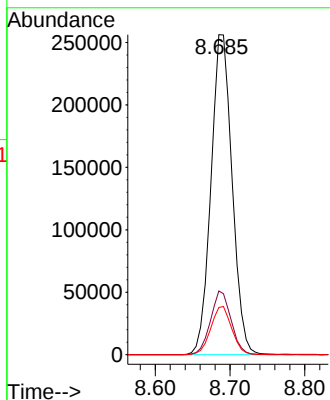
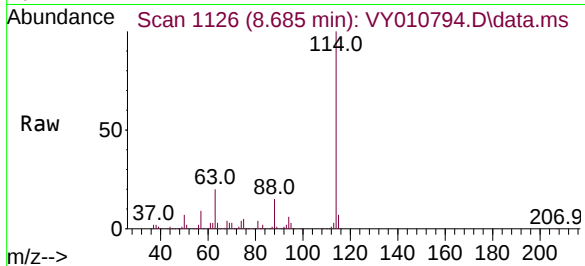




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY010794.D
Acq: 04 Oct 2022 14:47

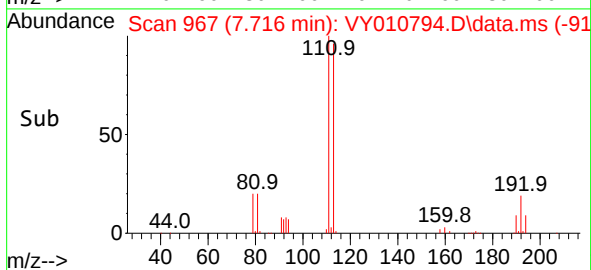
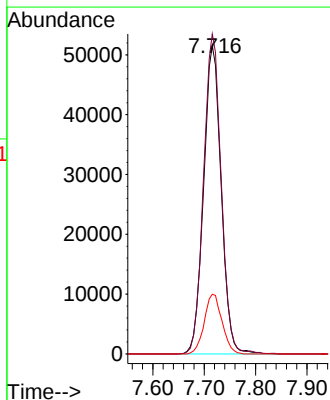
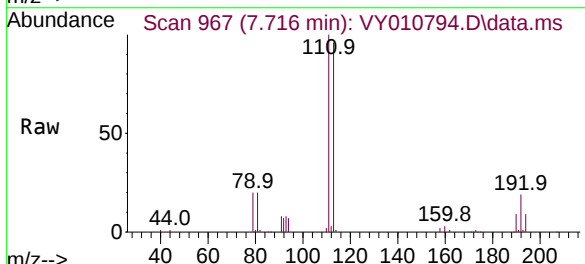
Instrument :
MSVOA_Y
ClientSampleId :
PE-7

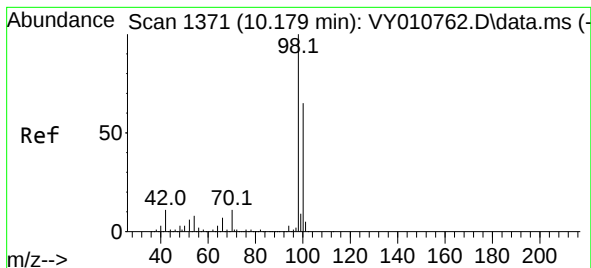
Tgt Ion:114 Resp: 504506
Ion Ratio Lower Upper
114 100
63 19.9 0.0 43.2
88 14.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 36.552 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY010794.D
Acq: 04 Oct 2022 14:47

Tgt Ion:113 Resp: 122412
Ion Ratio Lower Upper
113 100
111 103.8 82.6 124.0
192 19.5 17.6 26.4

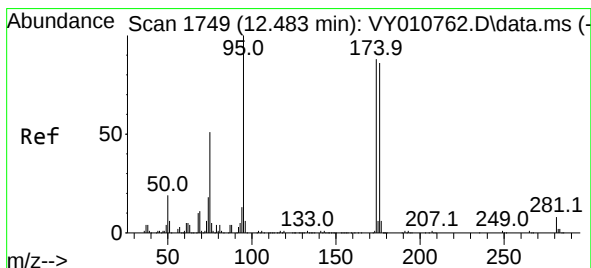
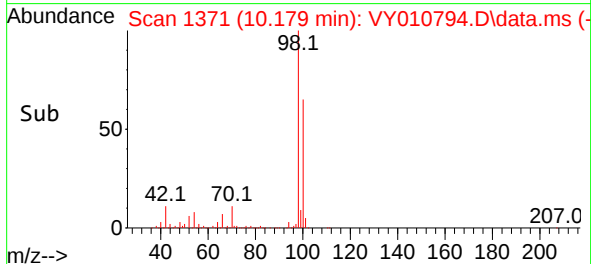
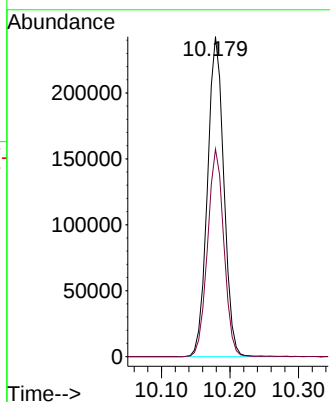
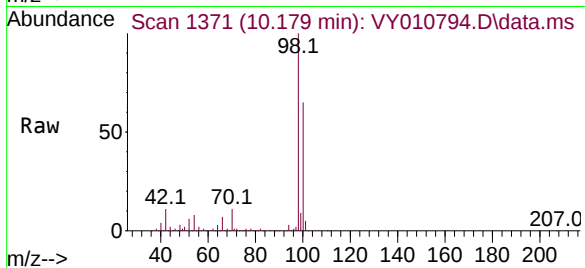




#50
Toluene-d8
Concen: 35.122 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010794.D
Acq: 04 Oct 2022 14:47

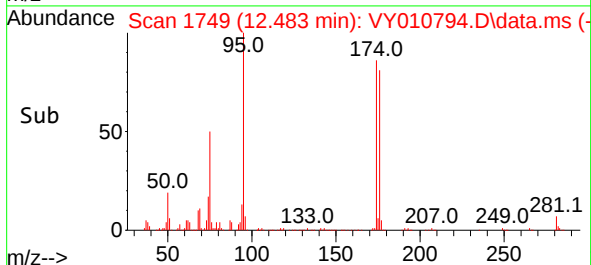
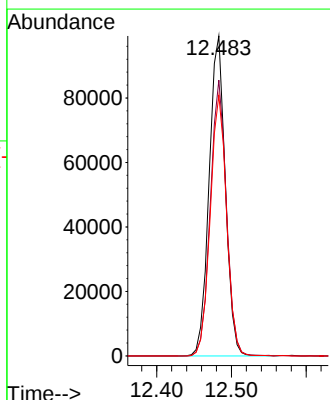
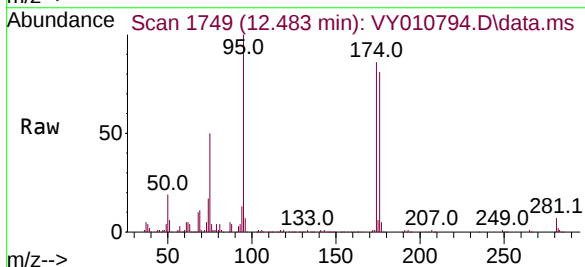
Instrument :
MSVOA_Y
ClientSampleId :
PE-7

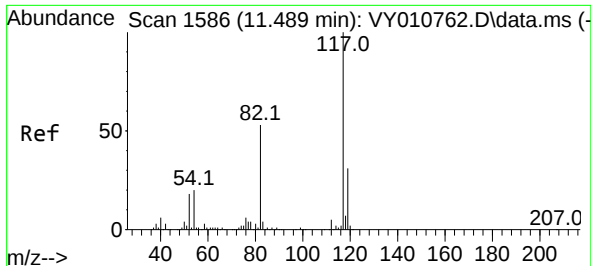
Tgt Ion: 98 Resp: 402258
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 32.035 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010794.D
Acq: 04 Oct 2022 14:47

Tgt Ion: 95 Resp: 149255
Ion Ratio Lower Upper
95 100
174 85.8 0.0 177.0
176 82.2 0.0 175.8

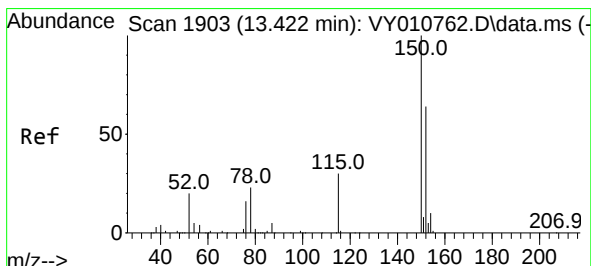
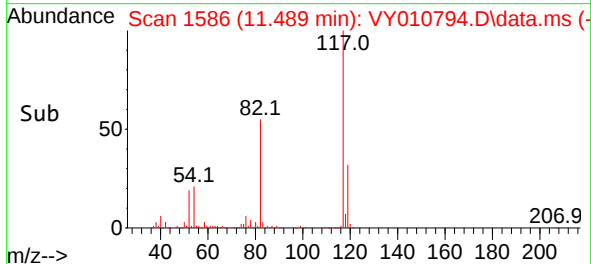
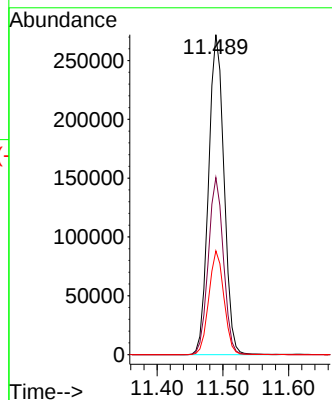
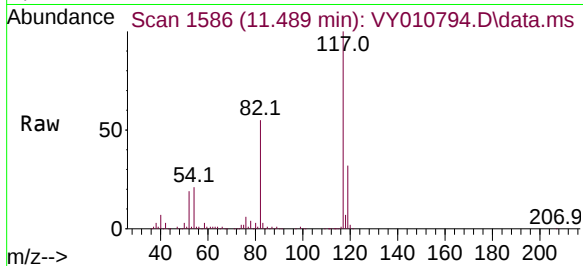




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010794.D
Acq: 04 Oct 2022 14:47

Instrument :
MSVOA_Y
ClientSampleId :
PE-7

Tgt Ion:117 Resp: 443002
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: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY010794.D
Acq: 04 Oct 2022 14:47

Tgt Ion:152 Resp: 206657
Ion Ratio Lower Upper
152 100
115 57.4 28.2 84.7
150 156.7 0.0 347.6

