

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120122\
 Data File : VY011660.D
 Acq On : 01 Dec 2022 14:15
 Operator : KP/MD
 Sample : N5817-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-3-113022

Quant Time: Dec 02 03:20:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	21789	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	36833	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	34941	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	13486	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	16846	76.142	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	152.280%
35) Dibromofluoromethane	7.716	113	13013	57.391	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.780%
50) Toluene-d8	10.179	98	44064	53.479	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.960%
62) 4-Bromofluorobenzene	12.483	95	12930	42.443	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.880%

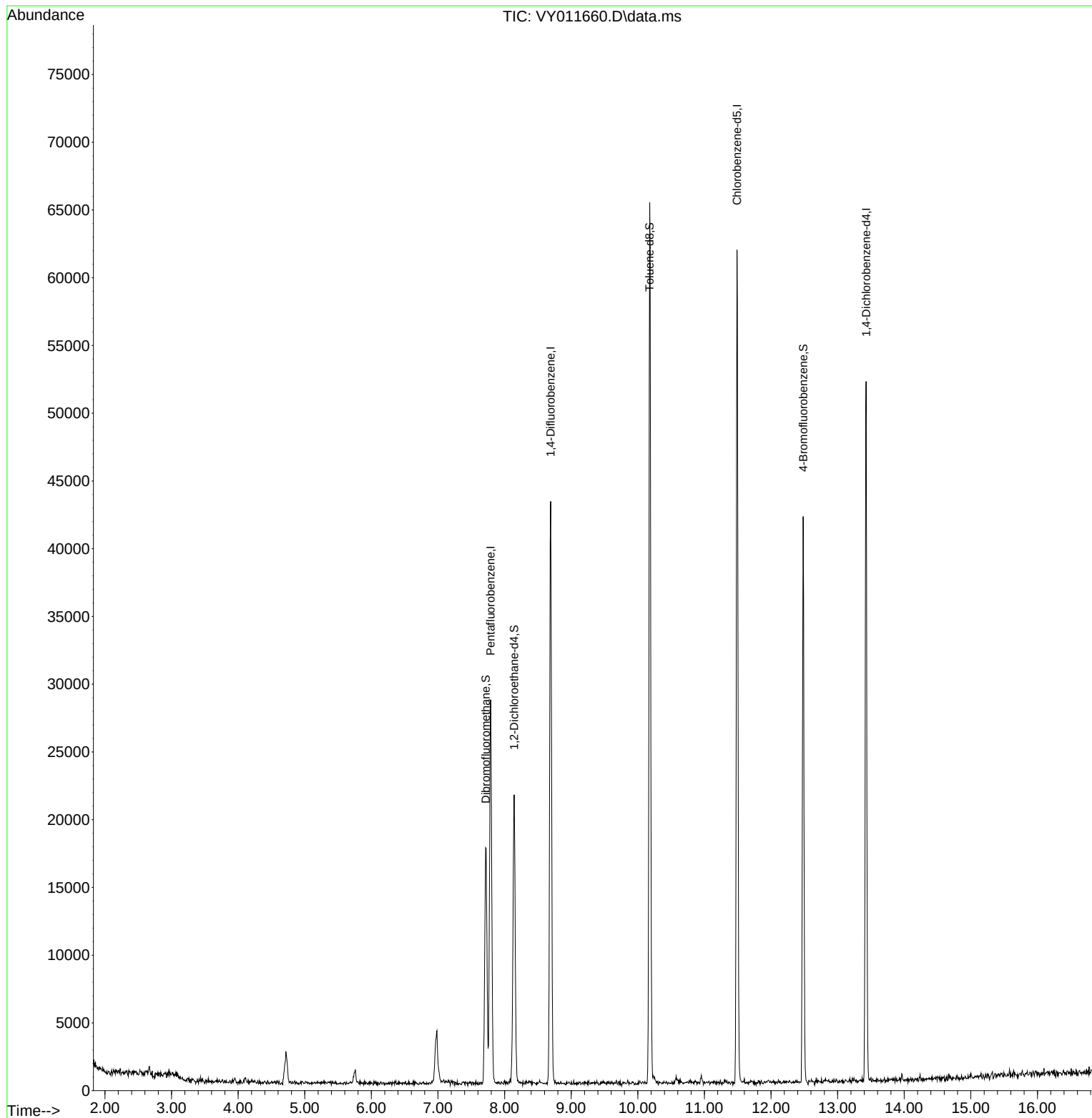
Target Compounds	Qvalue

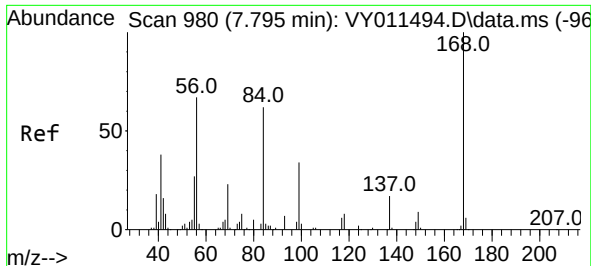
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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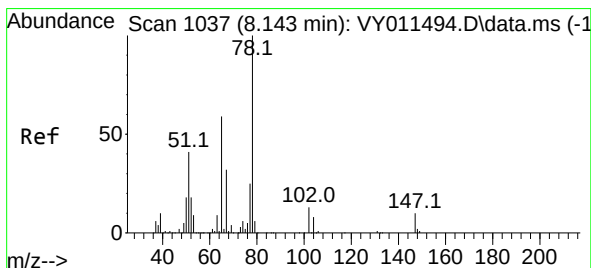
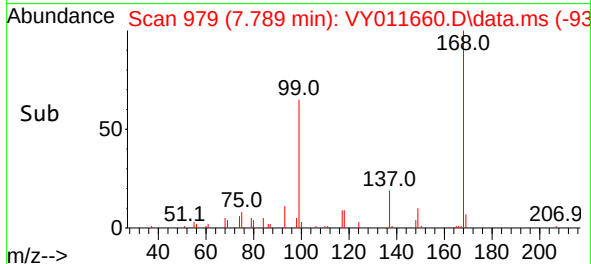
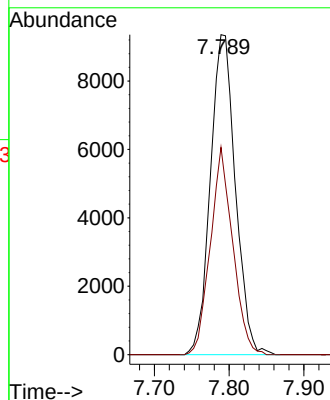
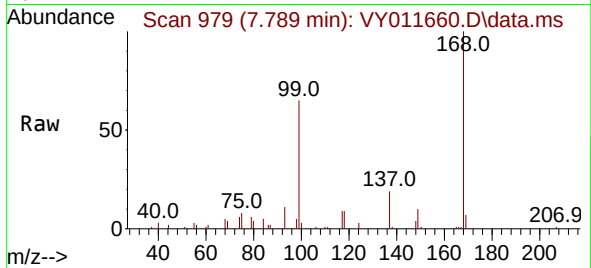




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011660.D
Acq: 01 Dec 2022 14:15

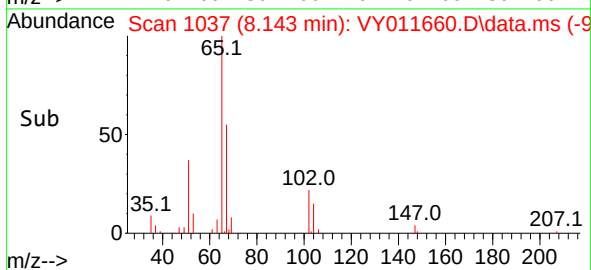
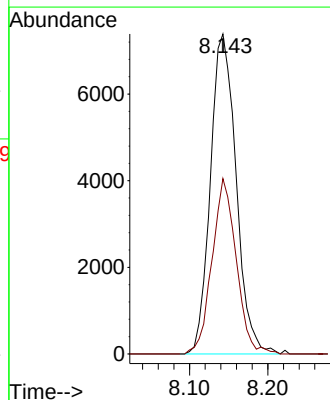
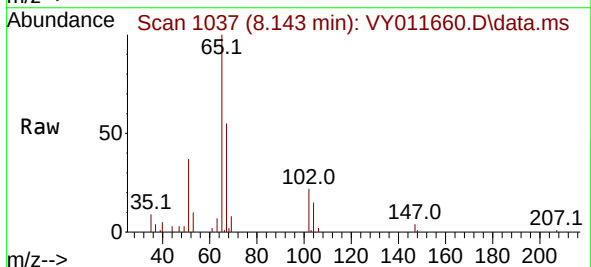
Instrument :
MSVOA_Y
ClientSampleId :
OK-3-113022

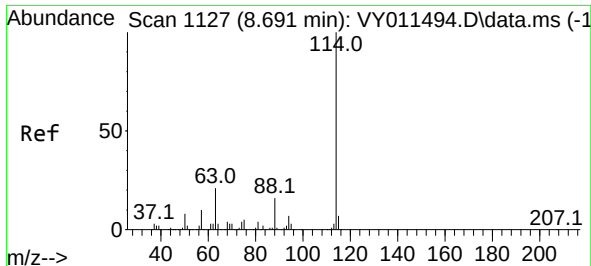
Tgt Ion:168 Resp: 21789
Ion Ratio Lower Upper
168 100
99 64.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 76.142 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011660.D
Acq: 01 Dec 2022 14:15

Tgt Ion: 65 Resp: 16846
Ion Ratio Lower Upper
65 100
67 51.6 0.0 99.4

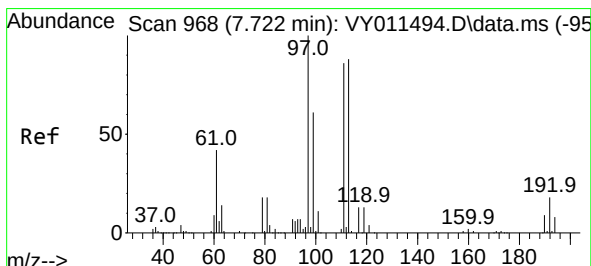
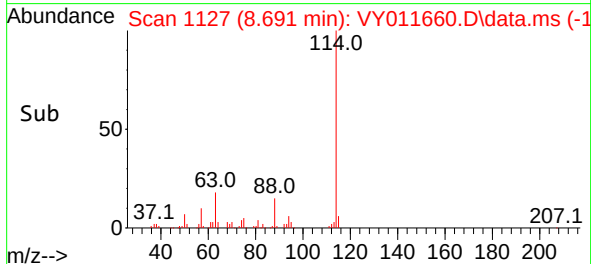
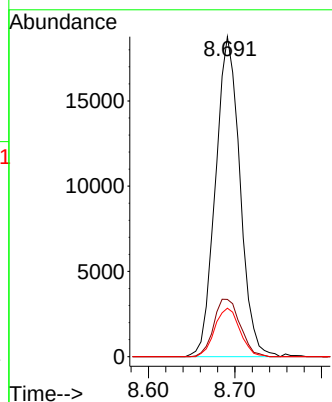
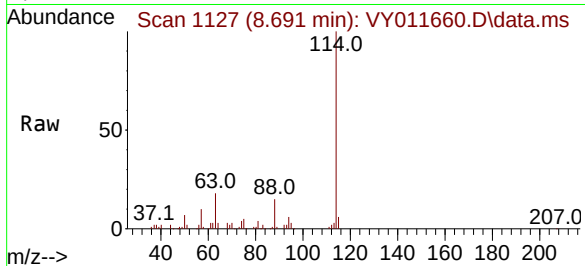




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY011660.D
Acq: 01 Dec 2022 14:15

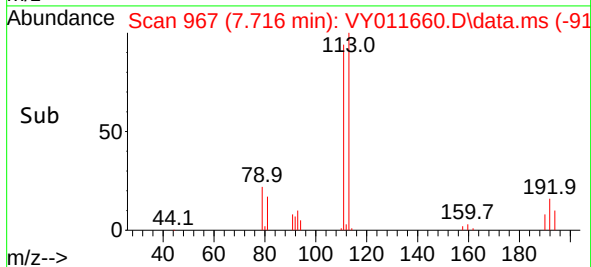
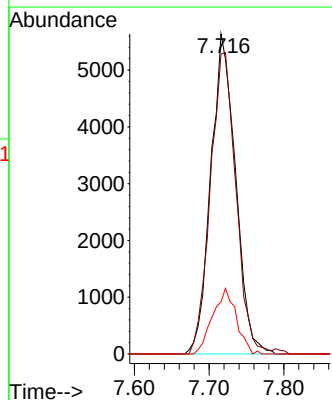
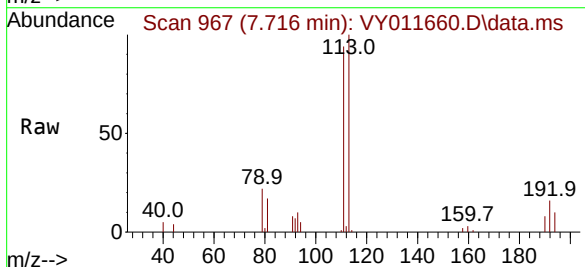
Instrument :
MSVOA_Y
ClientSampleId :
OK-3-113022

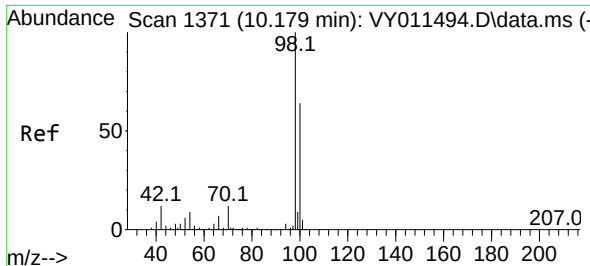
Tgt Ion:	114	Resp:	36833
Ion Ratio	Lower	Upper	
114	100		
63	17.9	0.0	43.2
88	15.1	0.0	31.8



#35
Dibromofluoromethane
Concen: 57.391 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY011660.D
Acq: 01 Dec 2022 14:15

Tgt Ion:	113	Resp:	13013
Ion Ratio	Lower	Upper	
113	100		
111	96.7	82.6	124.0
192	19.4	17.6	26.4

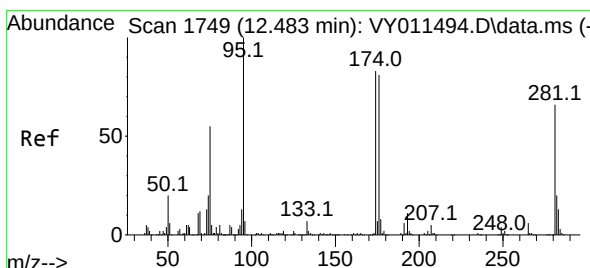
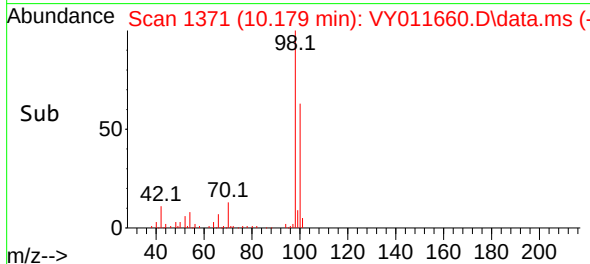
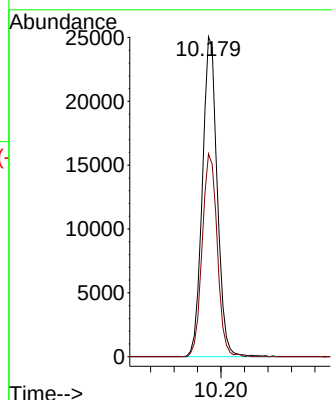
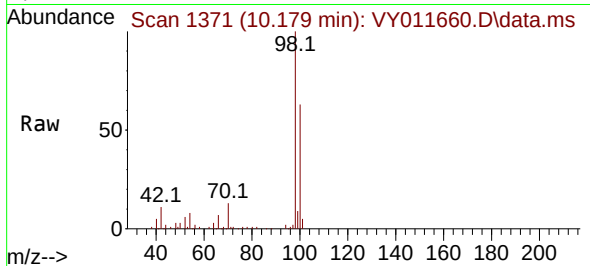




#50
Toluene-d8
Concen: 53.479 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011660.D
Acq: 01 Dec 2022 14:15

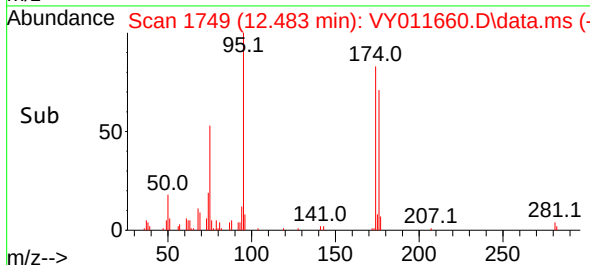
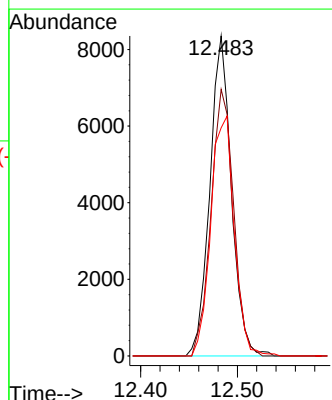
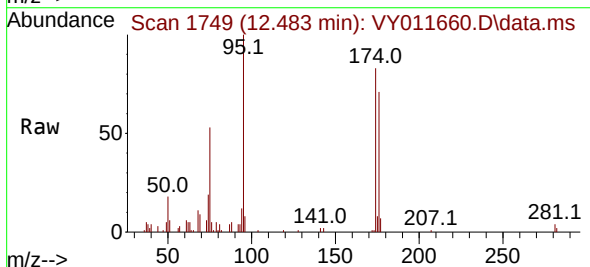
Instrument :
MSVOA_Y
ClientSampleId :
OK-3-113022

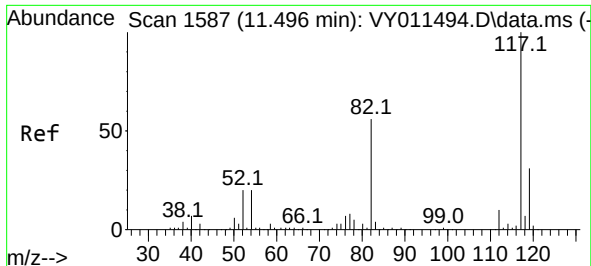
Tgt Ion: 98 Resp: 44064
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.443 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011660.D
Acq: 01 Dec 2022 14:15

Tgt Ion: 95 Resp: 12930
Ion Ratio Lower Upper
95 100
174 87.5 0.0 177.0
176 81.6 0.0 175.8

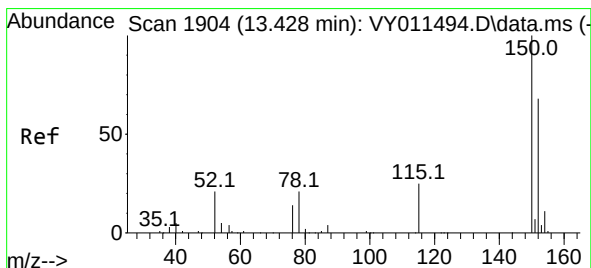
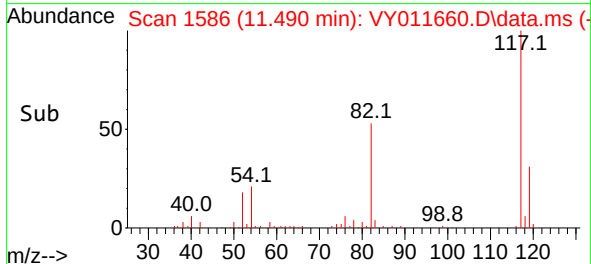
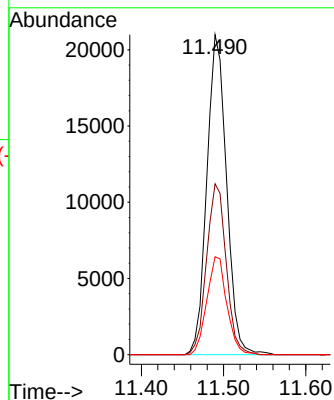
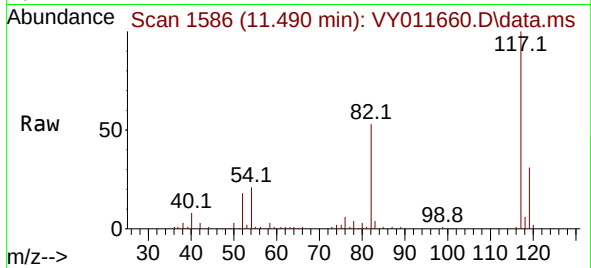




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY011660.D
Acq: 01 Dec 2022 14:15

Instrument :
MSVOA_Y
ClientSampleId :
OK-3-113022

Tgt Ion:117 Resp: 34941
Ion Ratio Lower Upper
117 100
82 53.4 43.0 64.4
119 30.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011660.D
Acq: 01 Dec 2022 14:15

Tgt Ion:152 Resp: 13486
Ion Ratio Lower Upper
152 100
115 60.8 28.2 84.7
150 162.2 0.0 347.6

