

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101823\
 Data File : VY016026.D
 Acq On : 18 Oct 2023 17:42
 Operator : SY/MD
 Sample : 04935-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-01-10172023

Quant Time: Oct 19 03:27:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 19 03:15:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	105085	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	170756	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	147520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	63099	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	60415	50.583	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.160%
35) Dibromofluoromethane	7.722	113	55531	49.408	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.820%
50) Toluene-d8	10.185	98	195979	48.011	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.020%
62) 4-Bromofluorobenzene	12.483	95	60165	41.308	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.620%

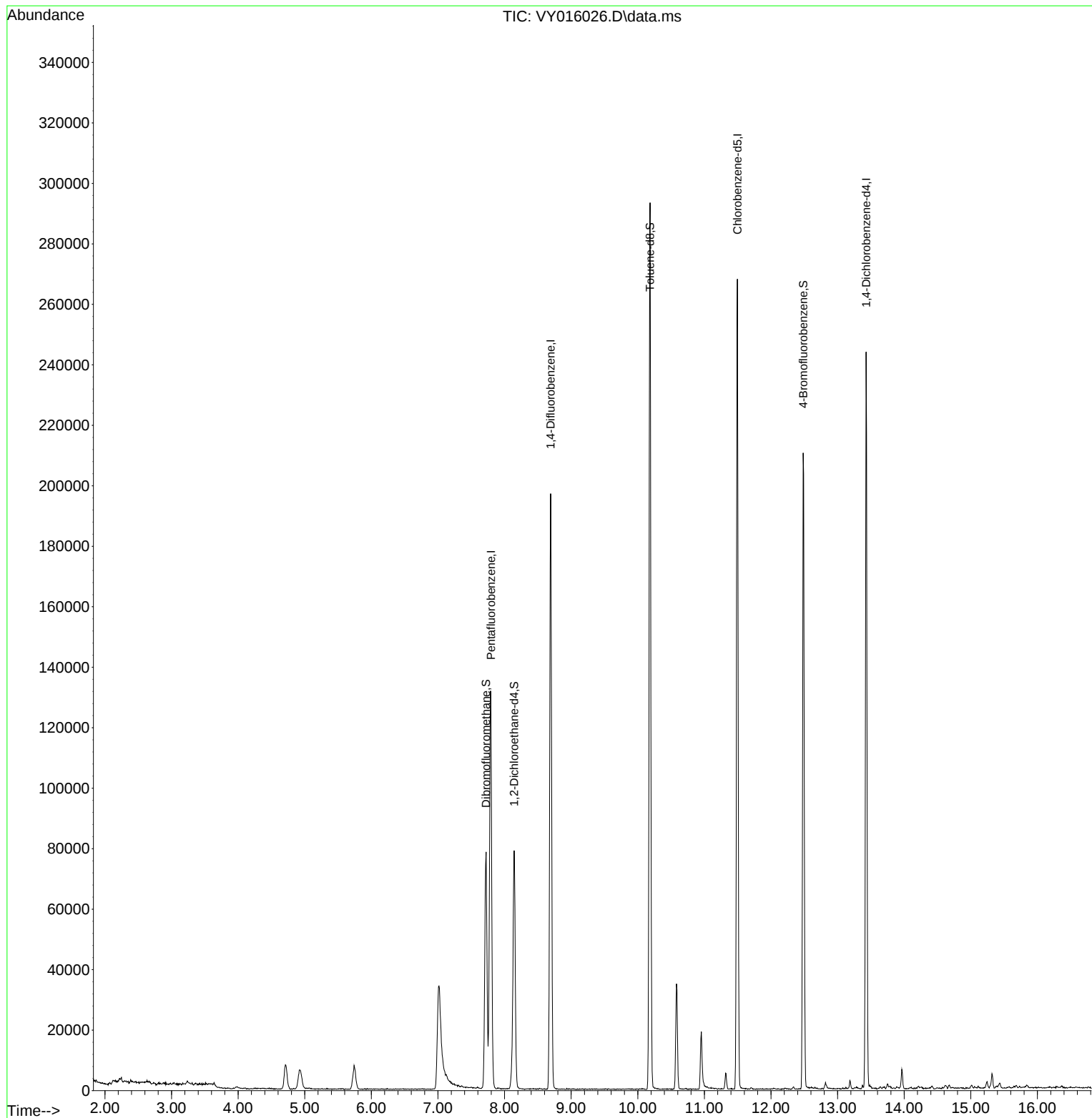
Target Compounds	Qvalue

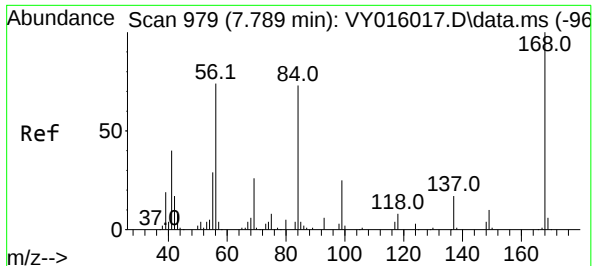
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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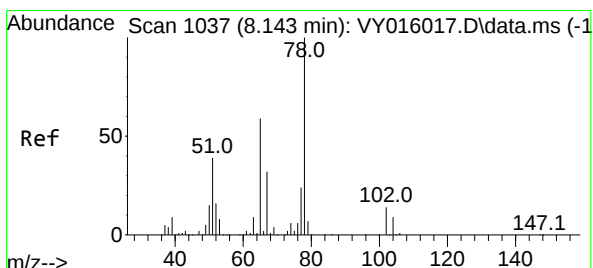
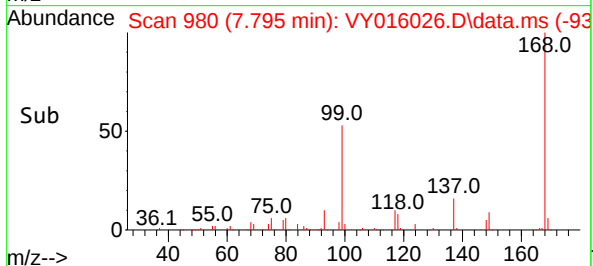
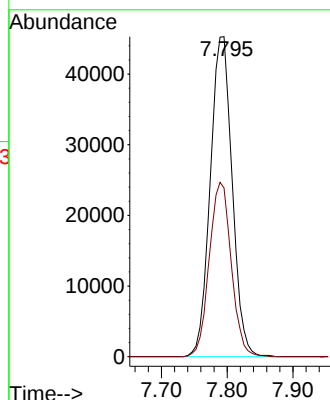
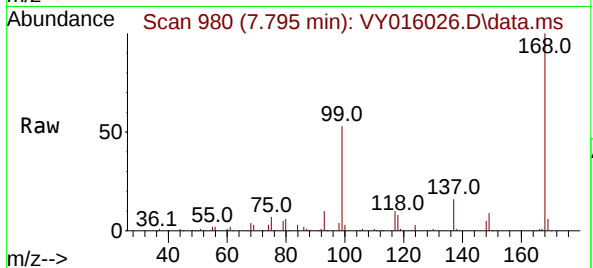




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016026.D
Acq: 18 Oct 2023 17:42

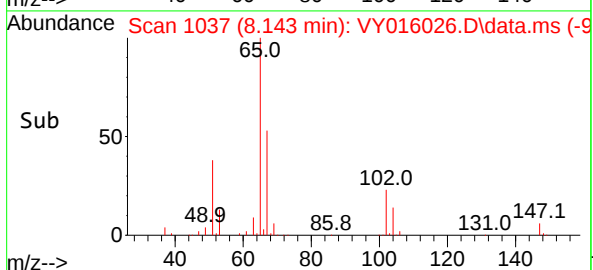
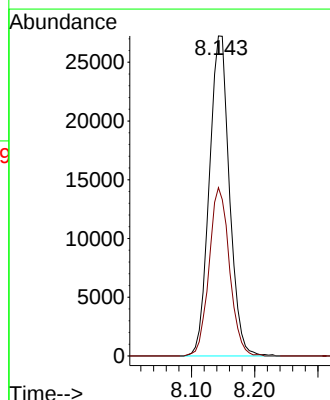
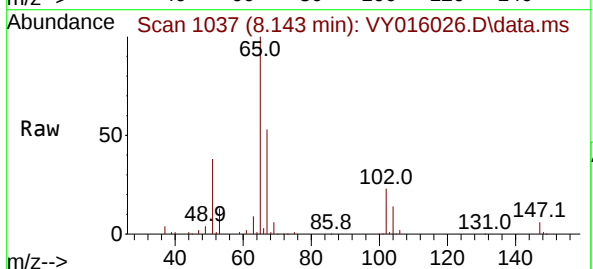
Instrument :
MSVOA_Y
ClientSampleId :
OK-01-10172023

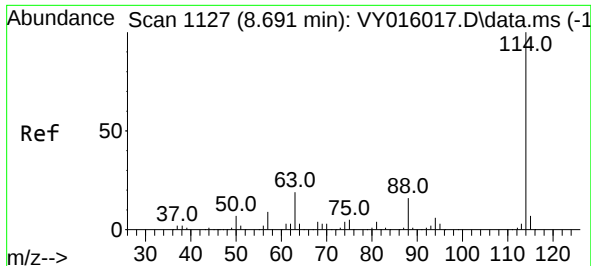
Tgt Ion:168 Resp: 105085
Ion Ratio Lower Upper
168 100
99 52.7 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 50.583 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY016026.D
Acq: 18 Oct 2023 17:42

Tgt Ion: 65 Resp: 60415
Ion Ratio Lower Upper
65 100
67 53.1 0.0 101.8

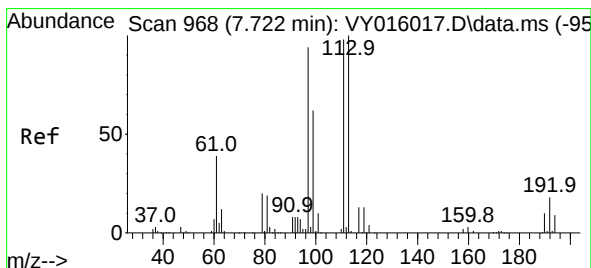
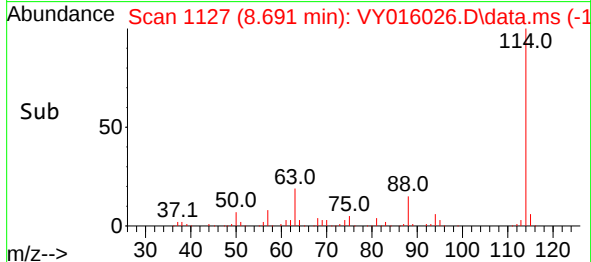
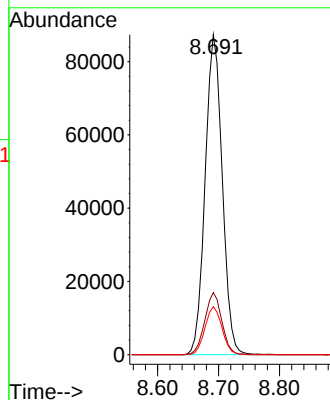
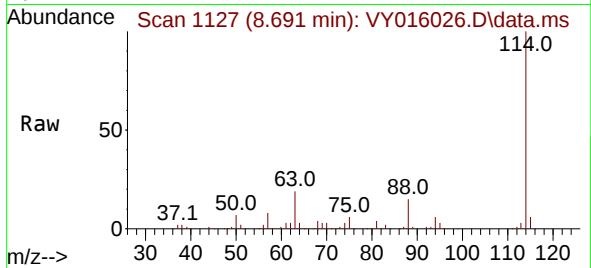




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY016026.D
Acq: 18 Oct 2023 17:42

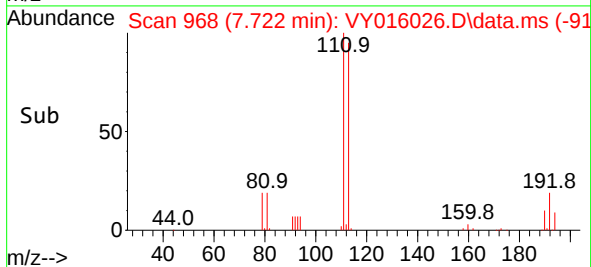
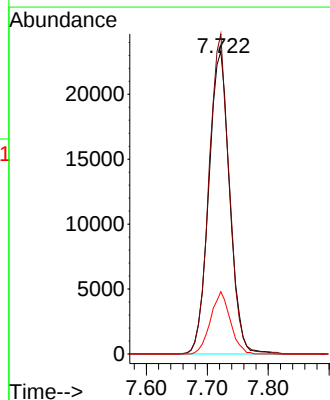
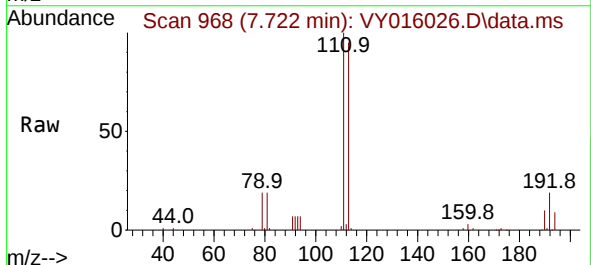
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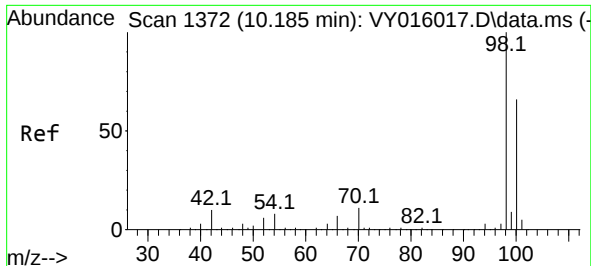
Tgt Ion:114 Resp: 170756
Ion Ratio Lower Upper
114 100
63 19.4 0.0 42.4
88 15.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.408 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY016026.D
Acq: 18 Oct 2023 17:42

Tgt Ion:113 Resp: 55531
Ion Ratio Lower Upper
113 100
111 102.3 81.3 121.9
192 19.4 16.9 25.3

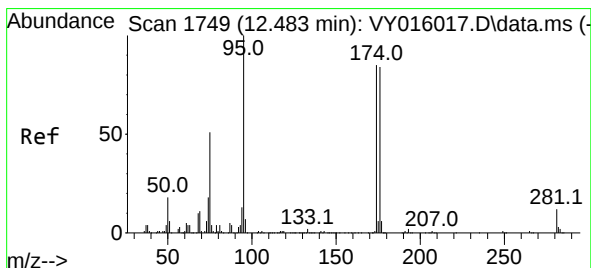
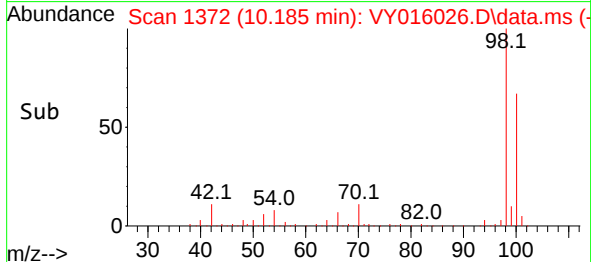
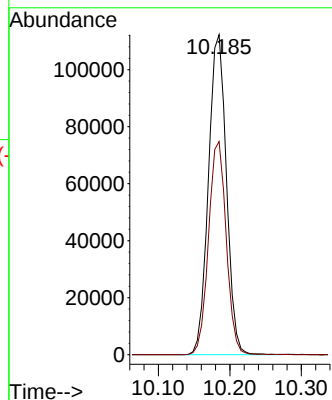
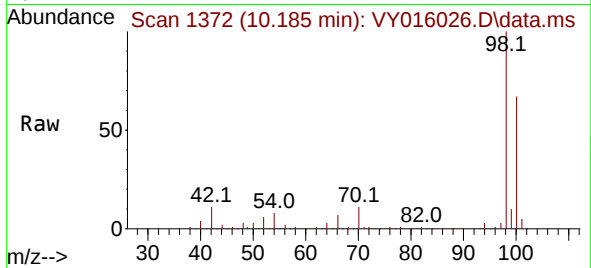




#50
Toluene-d8
Concen: 48.011 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016026.D
Acq: 18 Oct 2023 17:42

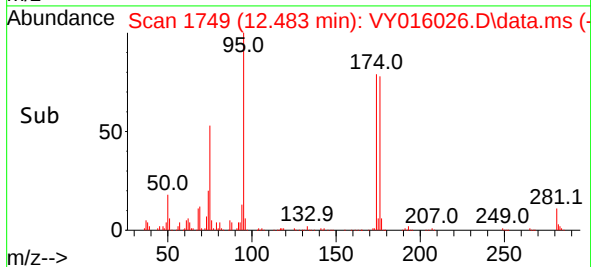
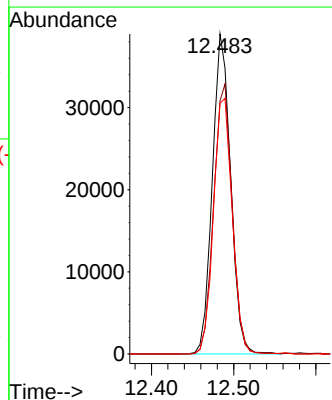
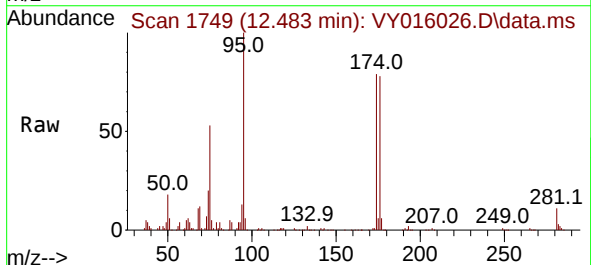
Instrument :
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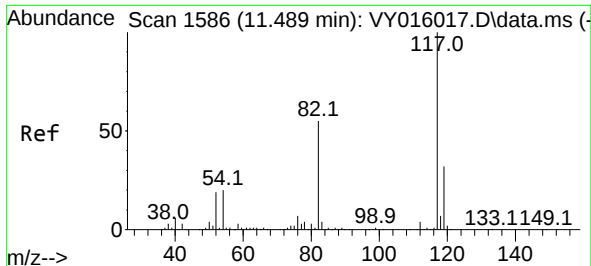
Tgt Ion: 98 Resp: 195979
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 41.308 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY016026.D
Acq: 18 Oct 2023 17:42

Tgt Ion: 95 Resp: 60165
Ion Ratio Lower Upper
95 100
174 85.9 0.0 178.2
176 82.4 0.0 173.8

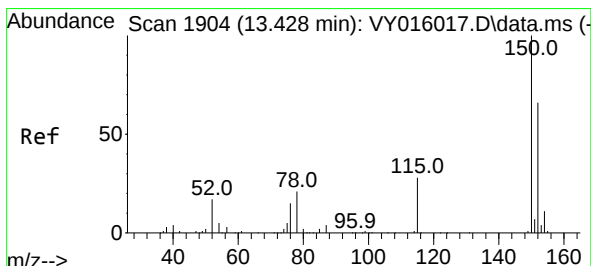
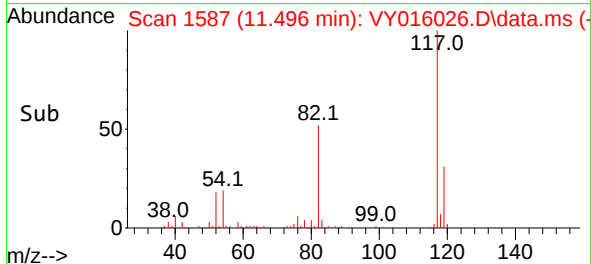
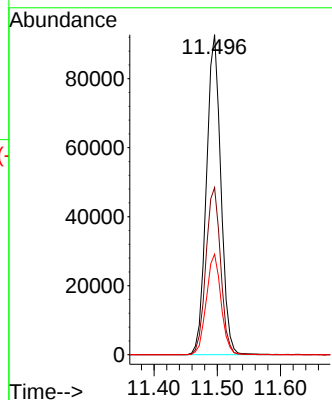
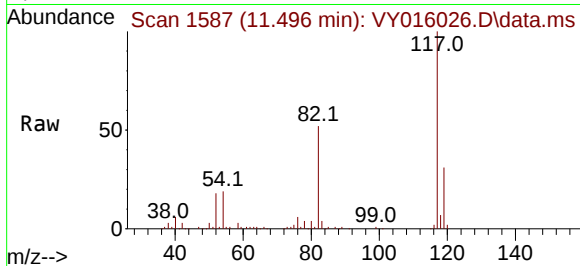




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016026.D
Acq: 18 Oct 2023 17:42

Instrument :
MSVOA_Y
ClientSampleId :
OK-01-10172023

Tgt Ion:117 Resp: 147520
Ion Ratio Lower Upper
117 100
82 52.2 43.4 65.0
119 31.4 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY016026.D
Acq: 18 Oct 2023 17:42

Tgt Ion:152 Resp: 63099
Ion Ratio Lower Upper
152 100
115 58.1 28.8 86.5
150 156.4 0.0 348.8

