

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091423\
 Data File : VY015535.D
 Acq On : 14 Sep 2023 15:51
 Operator : SY/MD
 Sample : 04351-05
 Misc : 5.94g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B101-01-(4-4.5)

Quant Time: Sep 15 04:01:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	306038	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	522412	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	477070	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	219187	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	196396	59.864	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.720%
35) Dibromofluoromethane	7.710	113	165775	55.093	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.180%
50) Toluene-d8	10.179	98	609991	55.980	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.960%
62) 4-Bromofluorobenzene	12.477	95	210076	51.932	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.860%

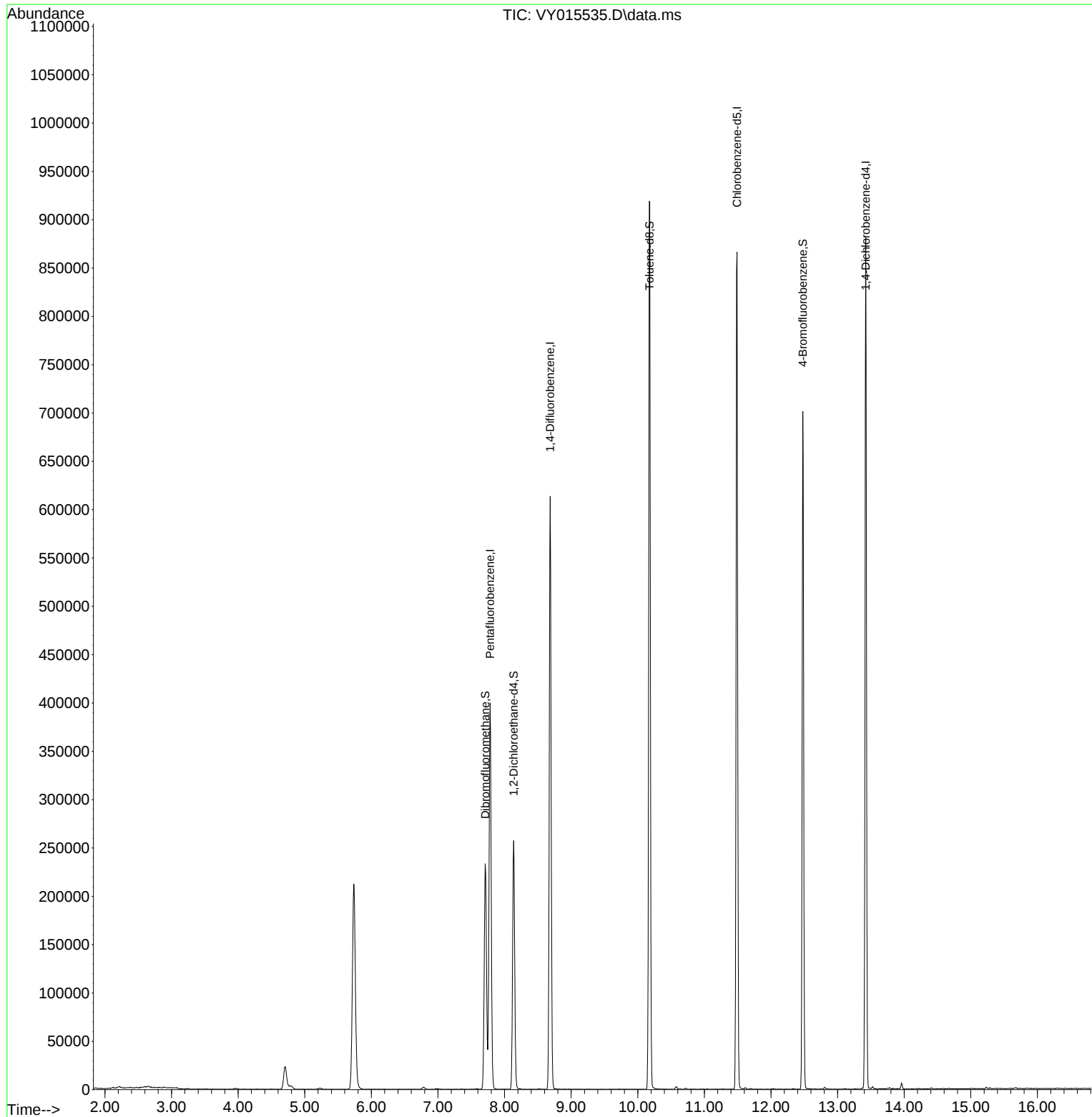
Target Compounds	Qvalue

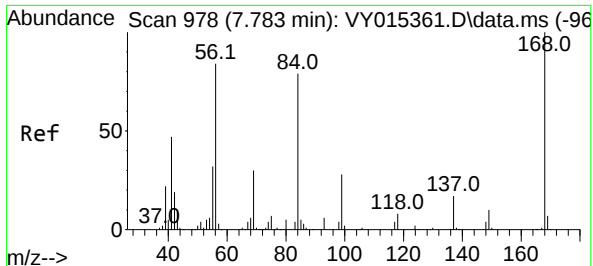
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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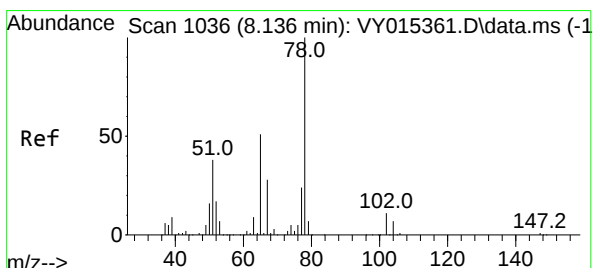
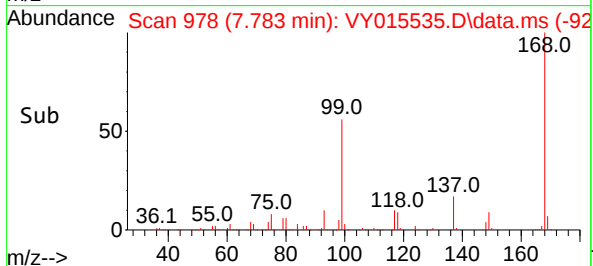
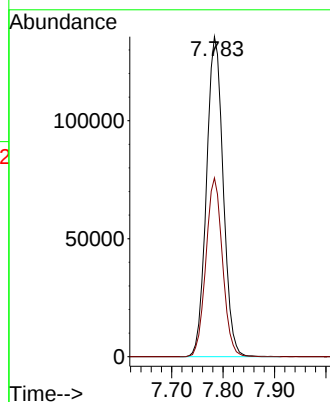
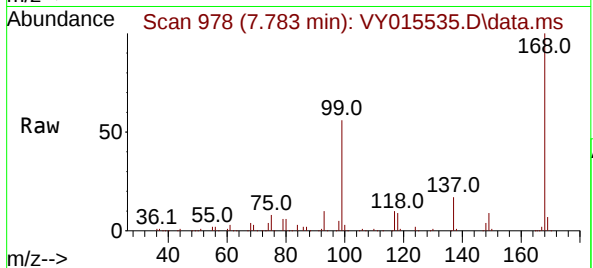




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015535.D
Acq: 14 Sep 2023 15:51

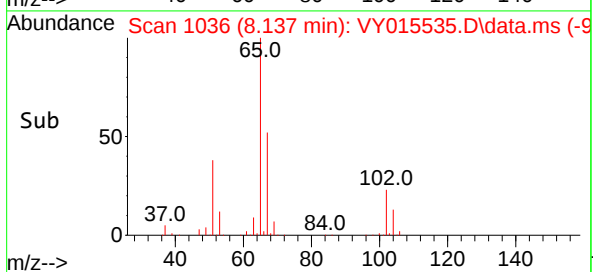
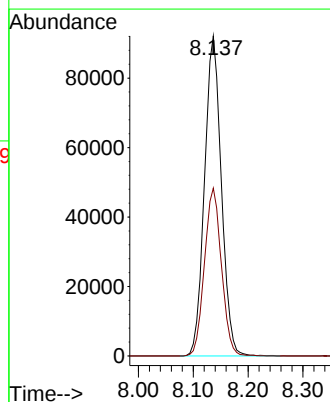
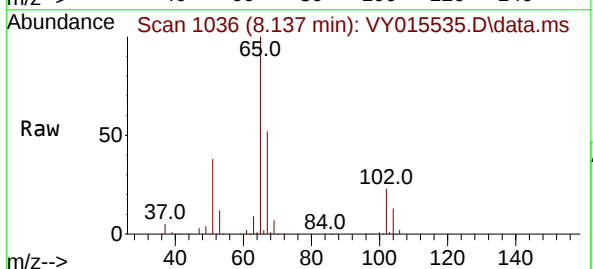
Instrument :
MSVOA_Y
ClientSampleId :
B101-01-(4-4.5)

Tgt Ion:168 Resp: 306038
Ion Ratio Lower Upper
168 100
99 55.9 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 59.864 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015535.D
Acq: 14 Sep 2023 15:51

Tgt Ion: 65 Resp: 196396
Ion Ratio Lower Upper
65 100
67 52.7 0.0 101.8

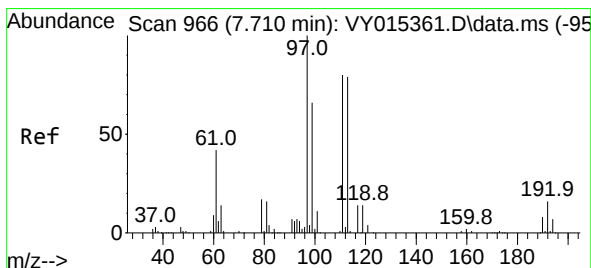
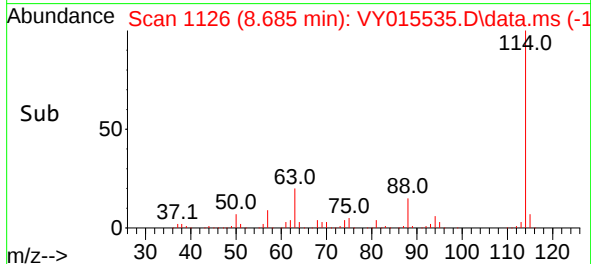
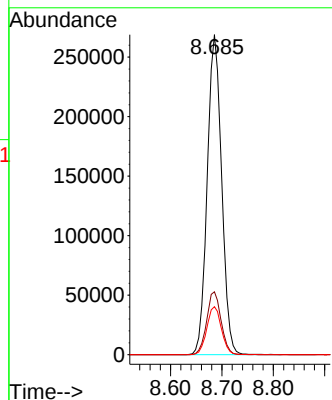
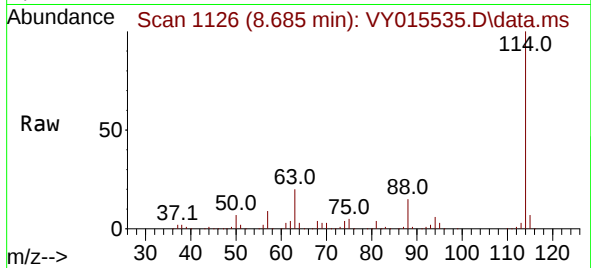




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY015535.D
 Acq: 14 Sep 2023 15:51

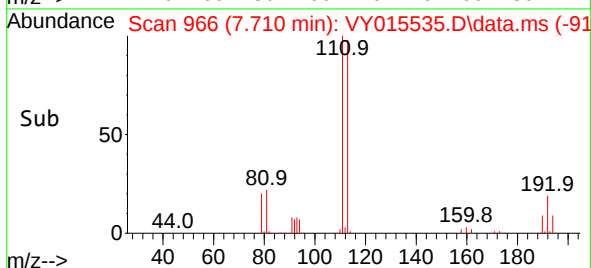
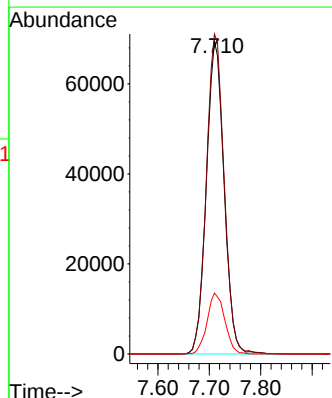
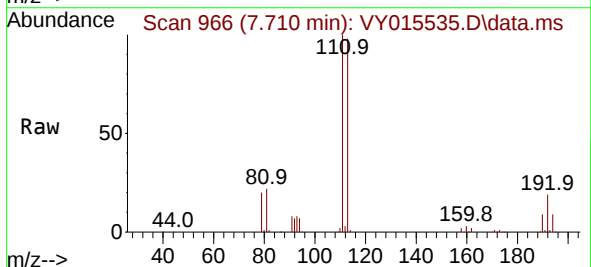
Instrument :
 MSVOA_Y
 ClientSampleId :
 B101-01-(4-4.5)

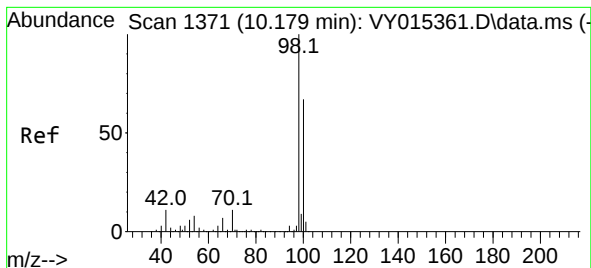
Tgt Ion:114 Resp: 522412
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 42.4
 88 15.0 0.0 30.6



#35
 Dibromofluoromethane
 Concen: 55.093 ug/l
 RT: 7.710 min Scan# 966
 Delta R.T. -0.006 min
 Lab File: VY015535.D
 Acq: 14 Sep 2023 15:51

Tgt Ion:113 Resp: 165775
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.3 121.9
 192 19.5 16.9 25.3

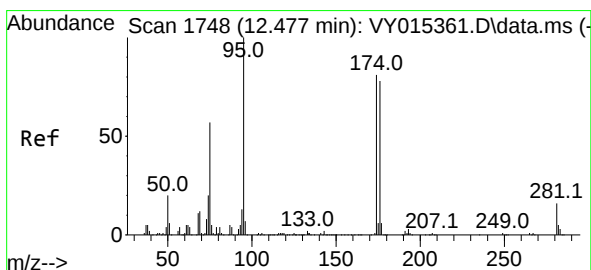
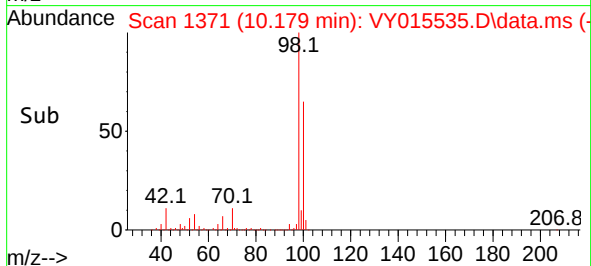
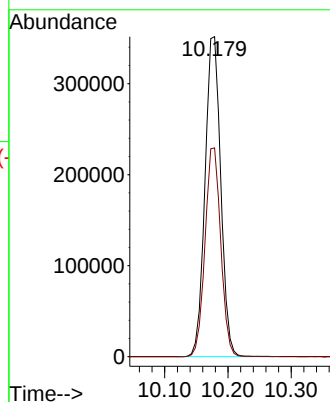
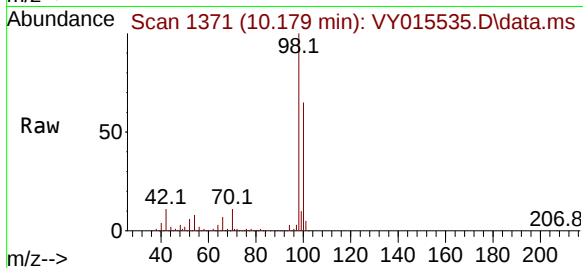




#50
Toluene-d8
Concen: 55.980 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015535.D
Acq: 14 Sep 2023 15:51

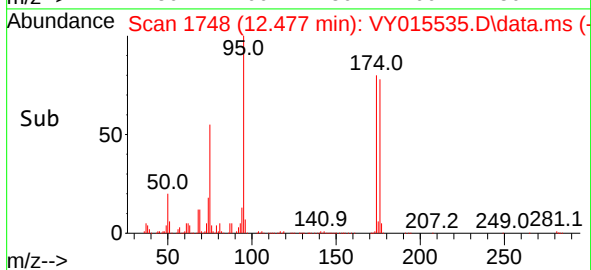
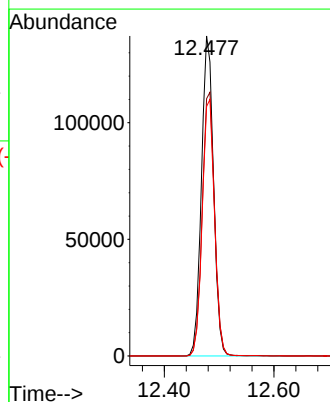
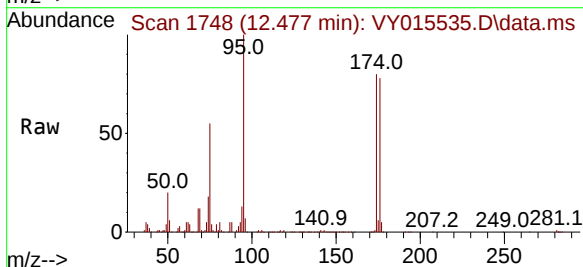
Instrument :
MSVOA_Y
ClientSampleId :
B101-01-(4-4.5)

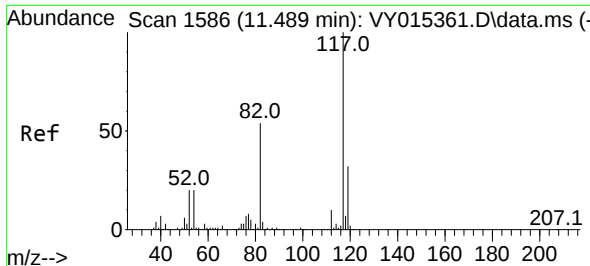
Tgt Ion: 98 Resp: 609991
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 51.932 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015535.D
Acq: 14 Sep 2023 15:51

Tgt Ion: 95 Resp: 210076
Ion Ratio Lower Upper
95 100
174 84.3 0.0 178.2
176 81.6 0.0 173.8

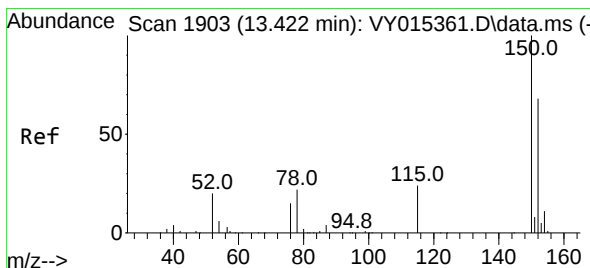
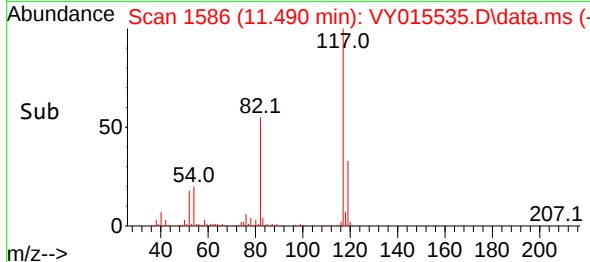
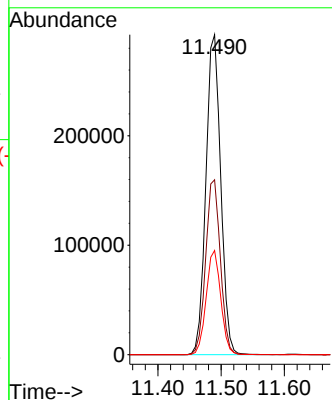
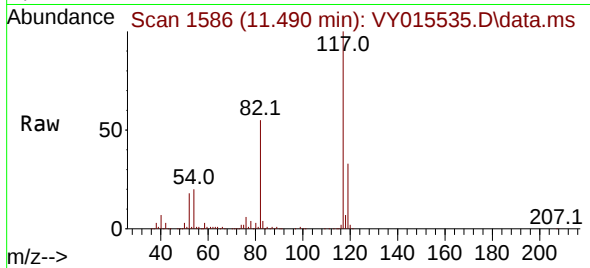




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015535.D
Acq: 14 Sep 2023 15:51

Instrument :
MSVOA_Y
ClientSampleId :
B101-01-(4-4.5)

Tgt Ion:117 Resp: 477070
Ion Ratio Lower Upper
117 100
82 54.6 43.4 65.0
119 32.6 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015535.D
Acq: 14 Sep 2023 15:51

Tgt Ion:152 Resp: 219187
Ion Ratio Lower Upper
152 100
115 58.7 28.8 86.5
150 156.4 0.0 348.8

