

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072722\
 Data File : VY009724.D
 Acq On : 27 Jul 2022 15:05
 Operator : KP/MD
 Sample : N3891-07
 Misc : 6.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 7897-W

Quant Time: Jul 28 02:45:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	196723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	357096	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	344772	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	151131	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	90142	71.012	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	142.020%
35) Dibromofluoromethane	7.710	113	87767	45.191	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.380%
50) Toluene-d8	10.173	98	318214	56.839	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	113.680%
62) 4-Bromofluorobenzene	12.477	95	98580	38.280	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	76.560%

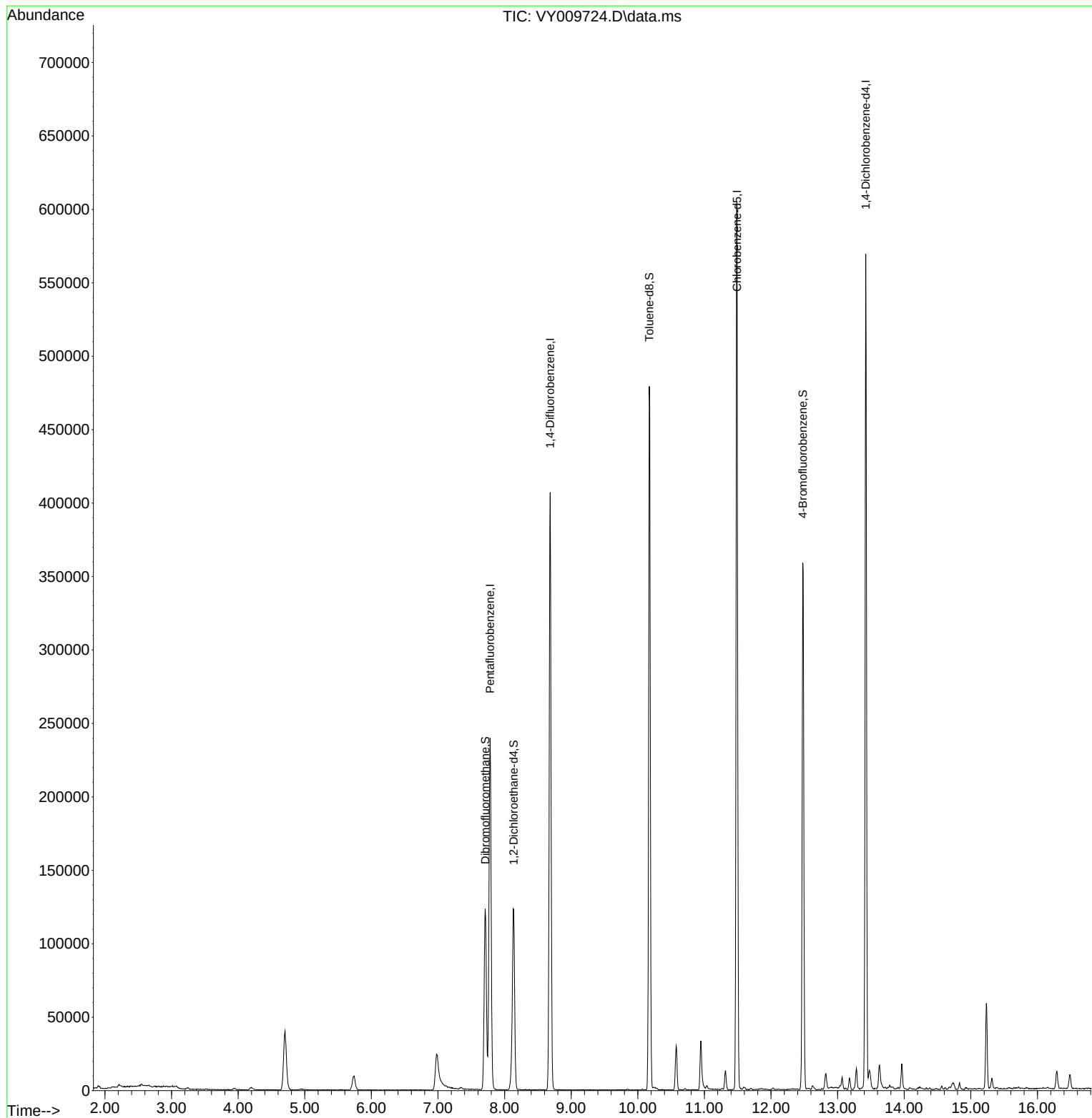
Target Compounds	Qvalue

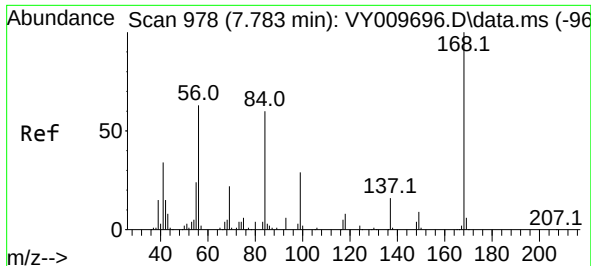
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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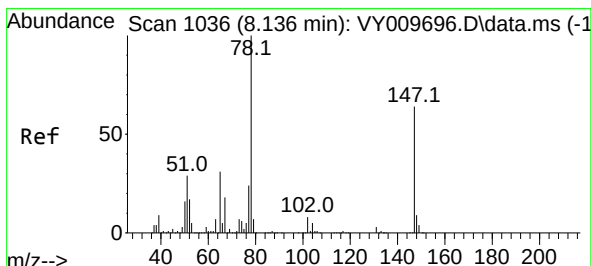
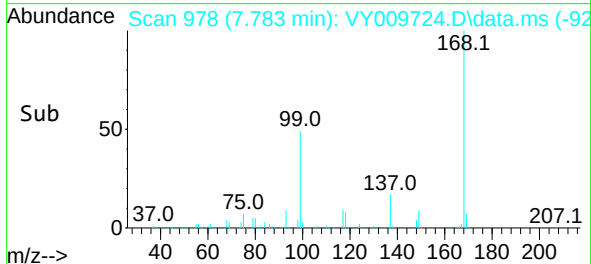
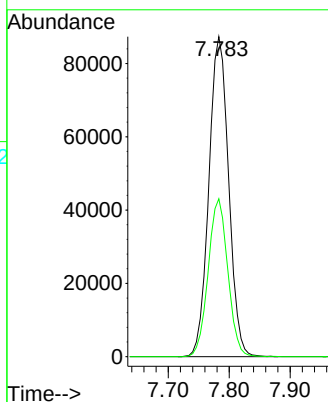
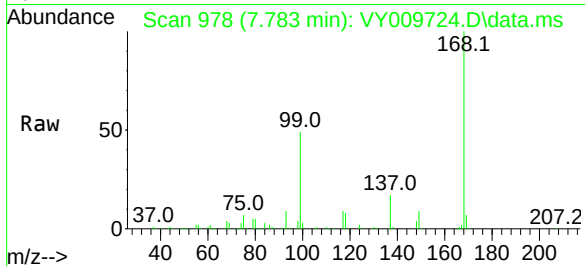




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009724.D
Acq: 27 Jul 2022 15:05

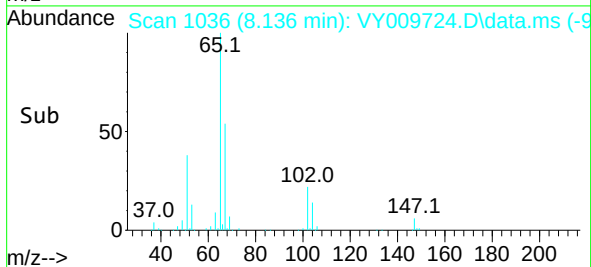
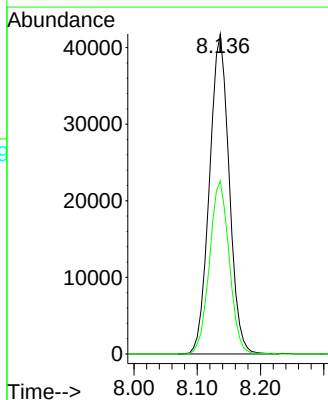
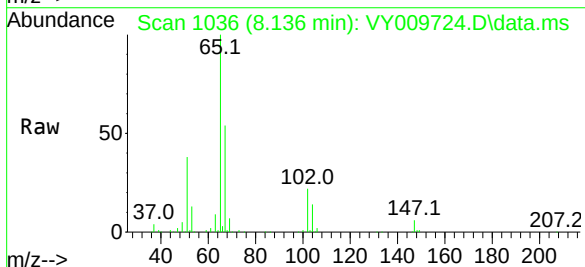
Instrument :
MSVOA_Y
ClientSampleId :
7897-W

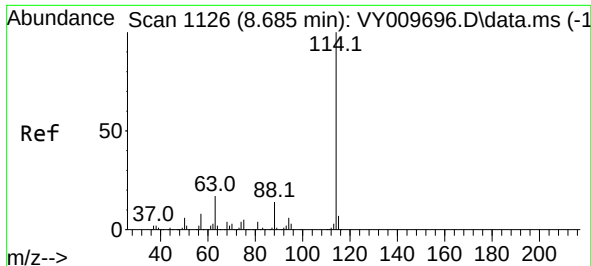
Tgt Ion:168 Resp: 196723
Ion Ratio Lower Upper
168 100
99 49.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 71.012 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009724.D
Acq: 27 Jul 2022 15:05

Tgt Ion: 65 Resp: 90142
Ion Ratio Lower Upper
65 100
67 54.1 0.0 99.4

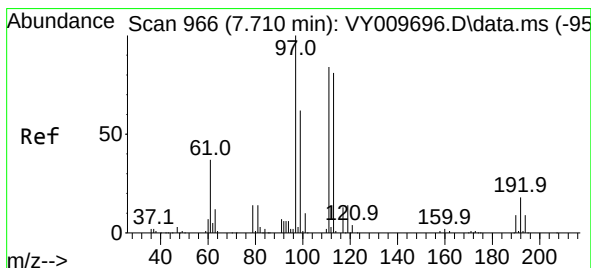
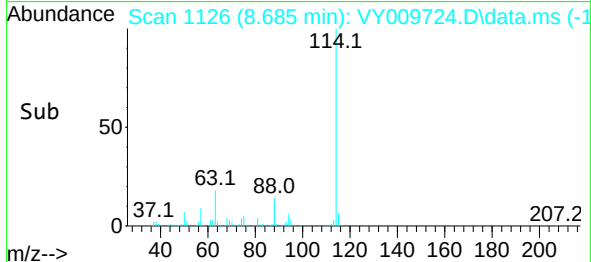
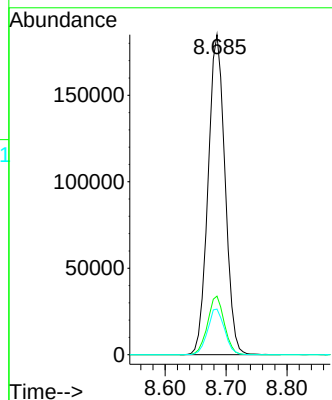
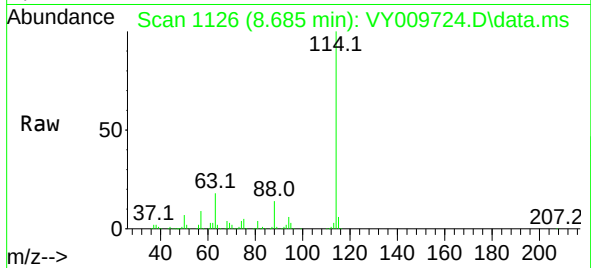




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009724.D
Acq: 27 Jul 2022 15:05

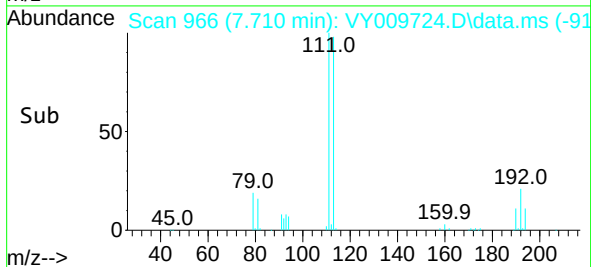
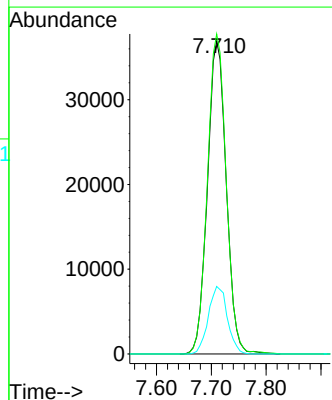
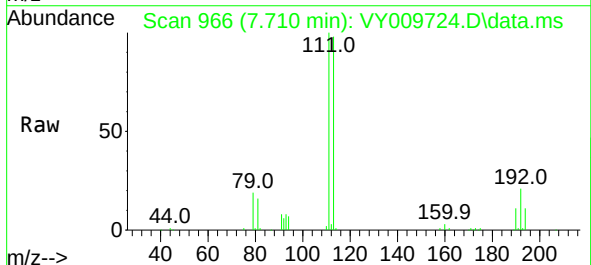
Instrument :
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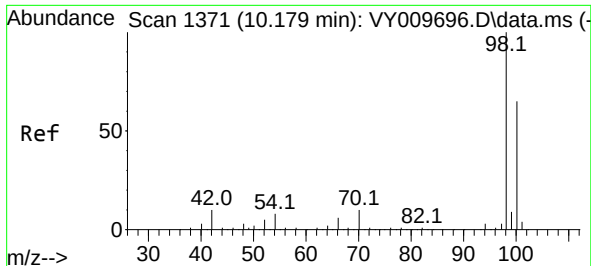
Tgt Ion:114 Resp: 357096
Ion Ratio Lower Upper
114 100
63 18.3 0.0 43.2
88 14.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 45.191 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY009724.D
Acq: 27 Jul 2022 15:05

Tgt Ion:113 Resp: 87767
Ion Ratio Lower Upper
113 100
111 102.0 82.6 124.0
192 21.8 17.6 26.4

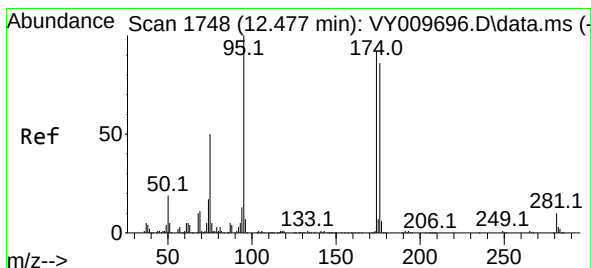
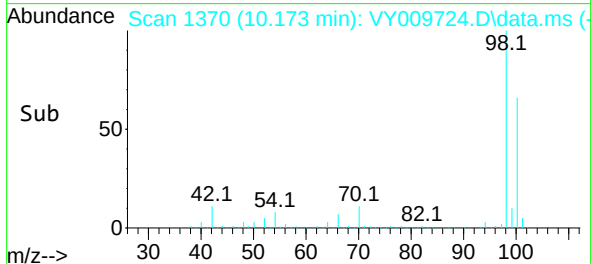
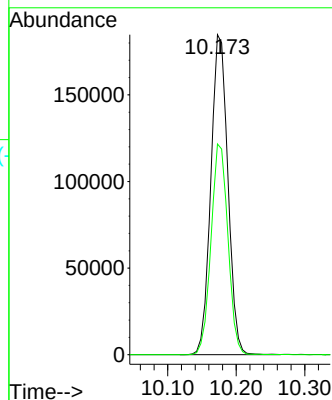
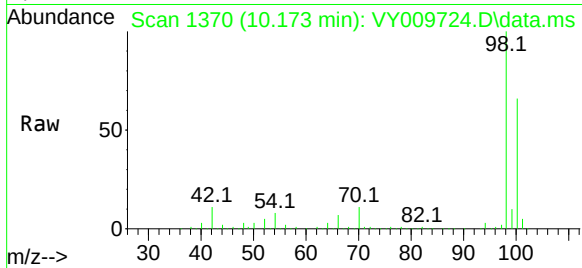




#50
Toluene-d8
Concen: 56.839 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009724.D
Acq: 27 Jul 2022 15:05

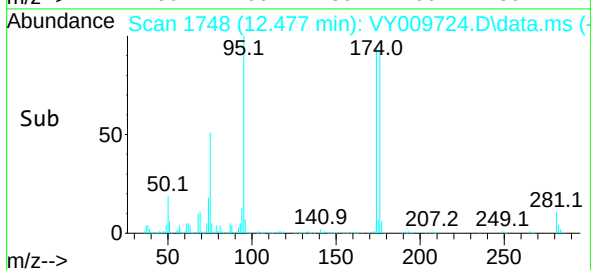
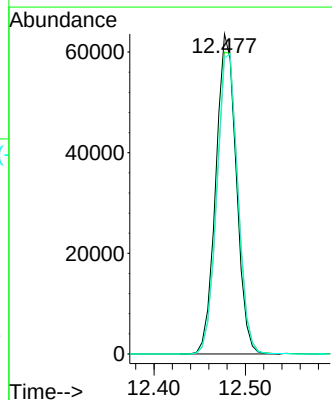
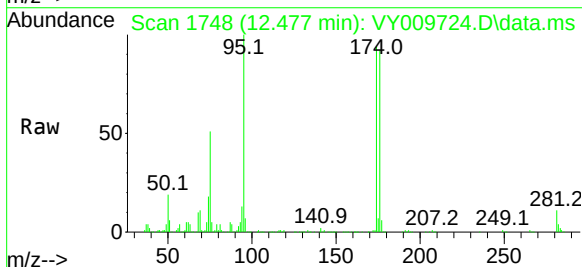
Instrument :
MSVOA_Y
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7897-W

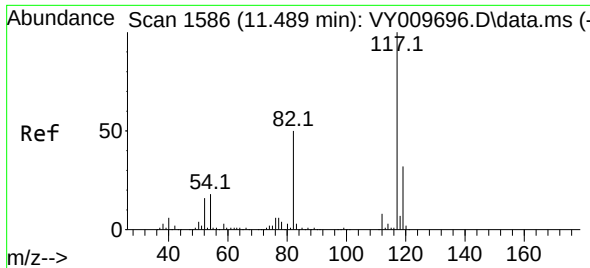
Tgt Ion: 98 Resp: 318214
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.280 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009724.D
Acq: 27 Jul 2022 15:05

Tgt Ion: 95 Resp: 98580
Ion Ratio Lower Upper
95 100
174 97.2 0.0 177.0
176 96.1 0.0 175.8

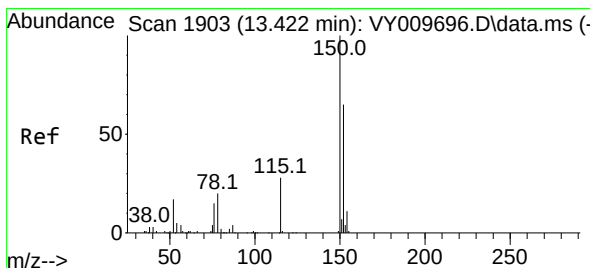
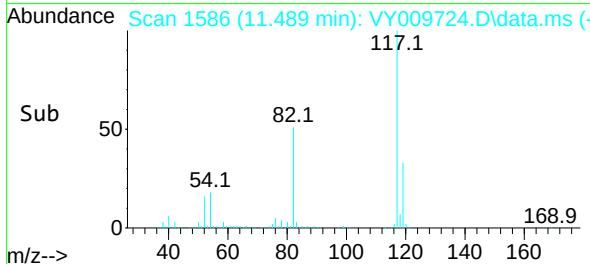
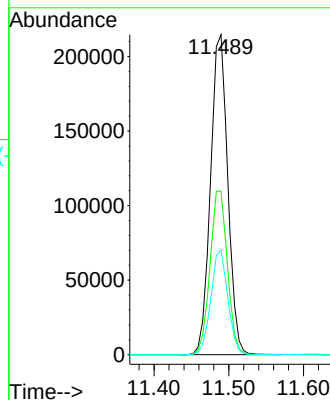
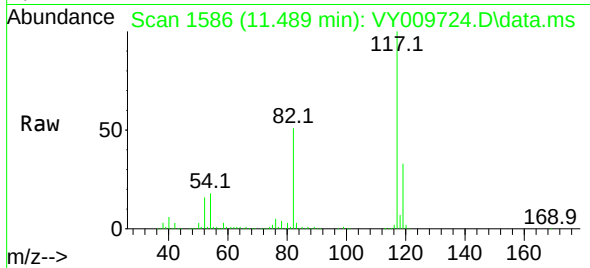




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY009724.D
Acq: 27 Jul 2022 15:05

Instrument :
MSVOA_Y
ClientSampleId :
7897-W

Tgt Ion:117 Resp: 344772
Ion Ratio Lower Upper
117 100
82 51.1 43.0 64.4
119 32.6 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: VY009724.D
Acq: 27 Jul 2022 15:05

Tgt Ion:152 Resp: 151131
Ion Ratio Lower Upper
152 100
115 54.4 28.2 84.7
150 156.4 0.0 347.6

