

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072823\
 Data File : VY014909.D
 Acq On : 28 Jul 2023 15:19
 Operator : SY/MD
 Sample : 03815-05
 Misc : 7.21g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BUILDING-B-7-(0-5)

Quant Time: Jul 29 03:06:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	143634	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	254091	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	241162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	113535	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	89604	54.745	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.480%
35) Dibromofluoromethane	7.710	113	78909	48.785	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.580%
50) Toluene-d8	10.173	98	302653	50.753	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.500%
62) 4-Bromofluorobenzene	12.477	95	108872	47.614	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.220%

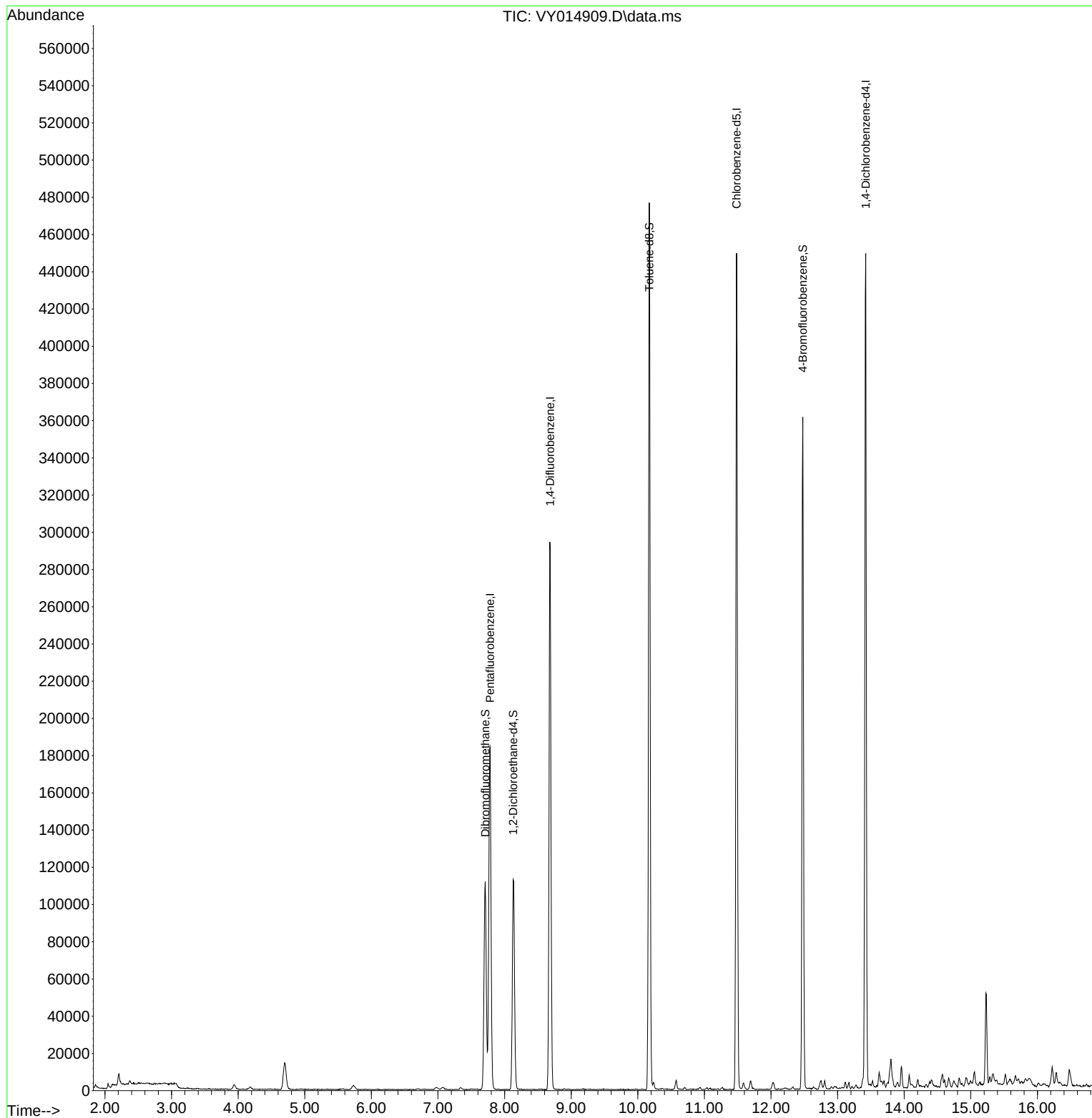
Target Compounds	Qvalue

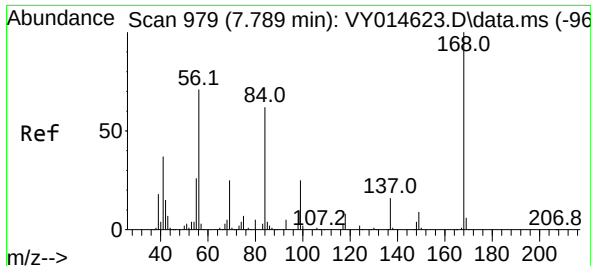
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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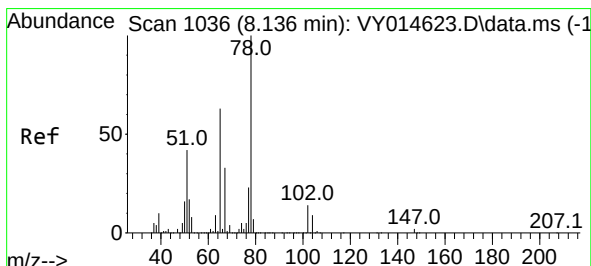
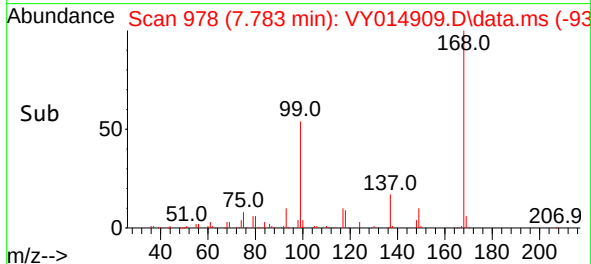
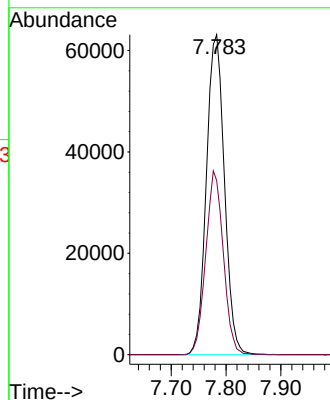
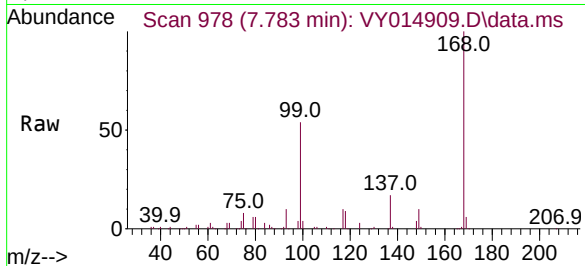




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014909.D
Acq: 28 Jul 2023 15:19

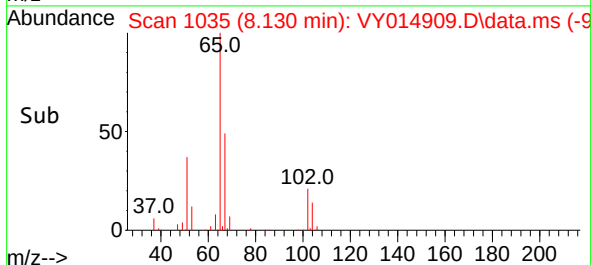
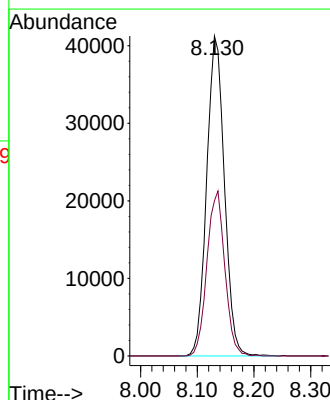
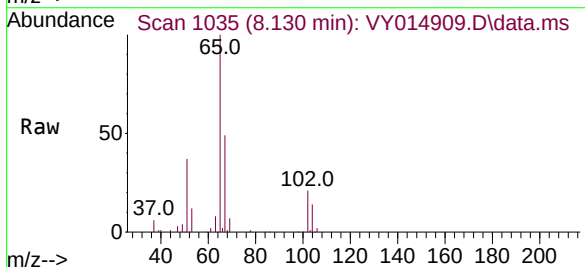
Instrument :
MSVOA_Y
ClientSampleId :
BUILDING-B-7-(0-5)

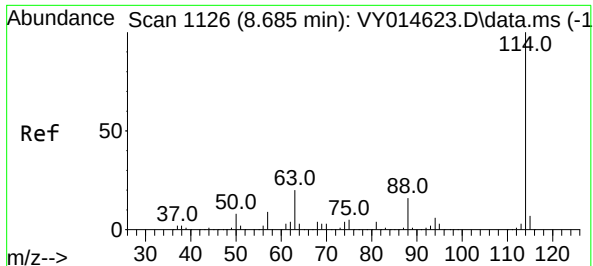
Tgt Ion:168 Resp: 143634
Ion Ratio Lower Upper
168 100
99 54.4 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 54.745 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY014909.D
Acq: 28 Jul 2023 15:19

Tgt Ion: 65 Resp: 89604
Ion Ratio Lower Upper
65 100
67 52.0 0.0 101.8

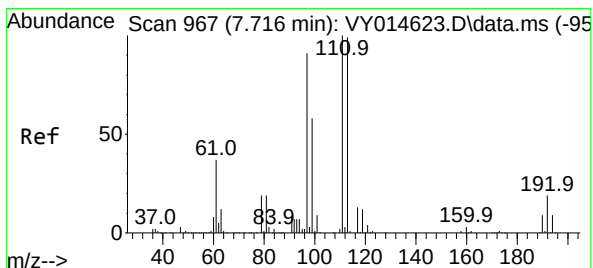
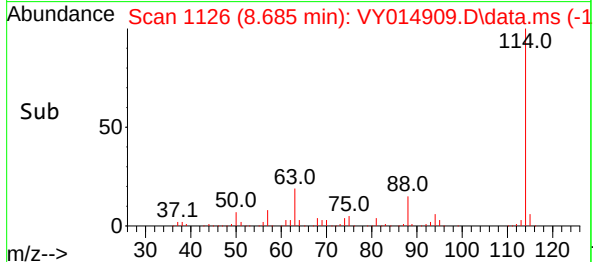
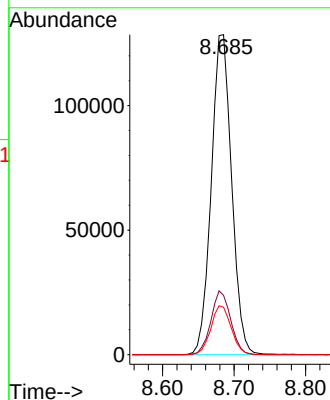
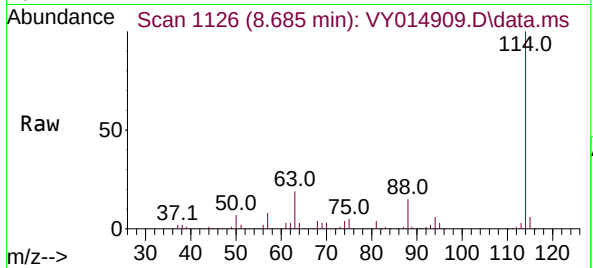




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY014909.D
Acq: 28 Jul 2023 15:19

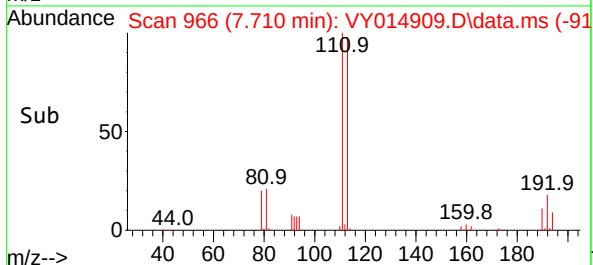
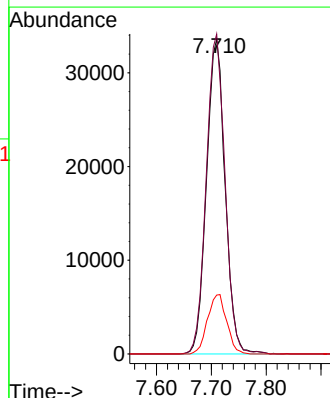
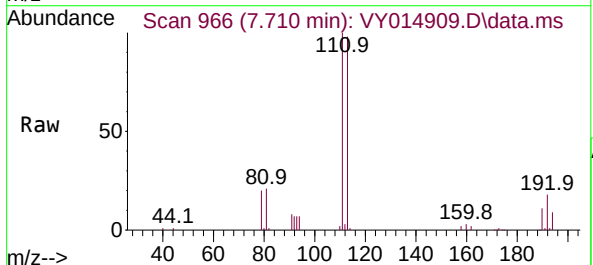
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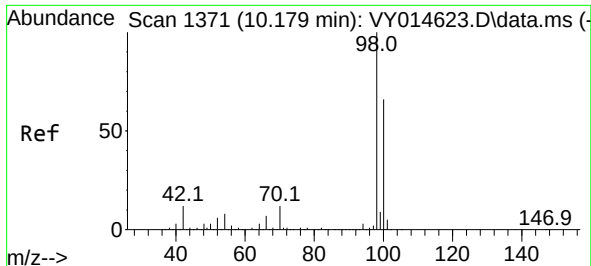
Tgt Ion:	114	Resp:	254091
Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	42.4
88	14.9	0.0	30.6



#35
Dibromofluoromethane
Concen: 48.785 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY014909.D
Acq: 28 Jul 2023 15:19

Tgt Ion:	113	Resp:	78909
Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.3	121.9
192	19.4	16.9	25.3

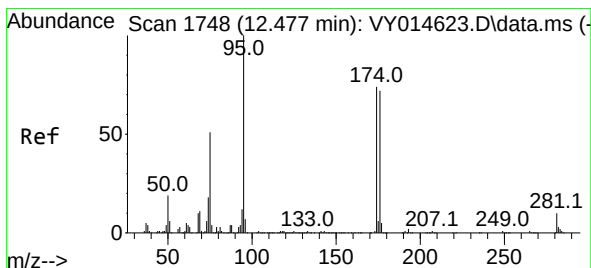
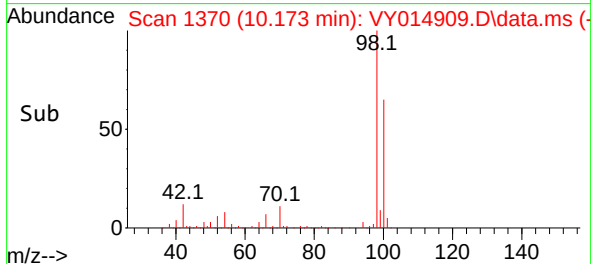
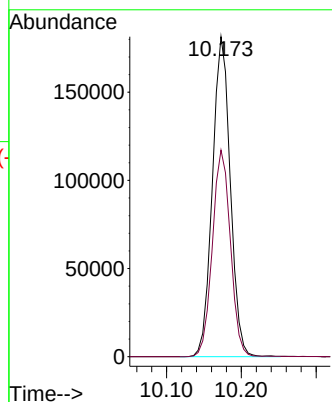
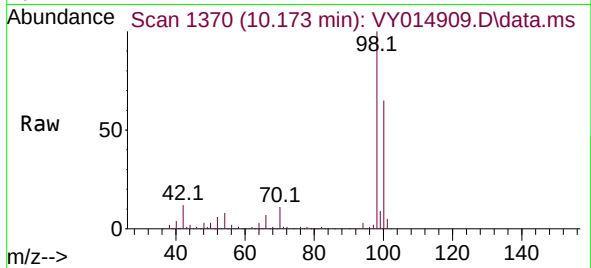




#50
Toluene-d8
Concen: 50.753 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014909.D
Acq: 28 Jul 2023 15:19

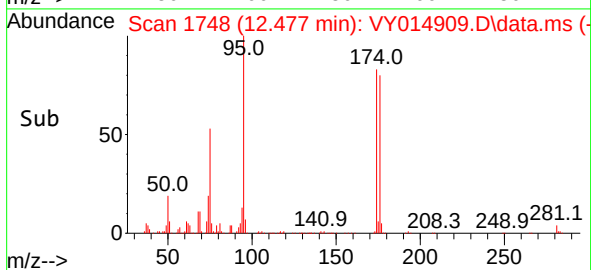
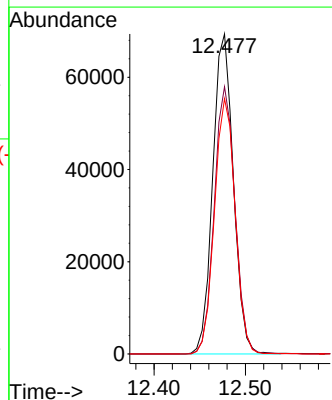
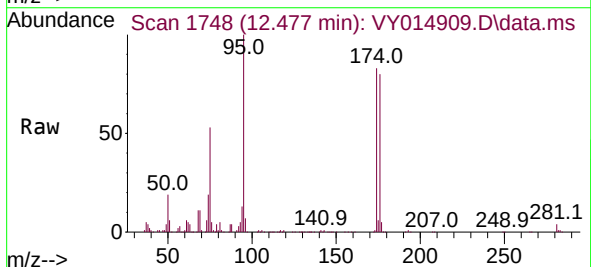
Instrument :
MSVOA_Y
ClientSampleId :
BUILDING-B-7-(0-5)

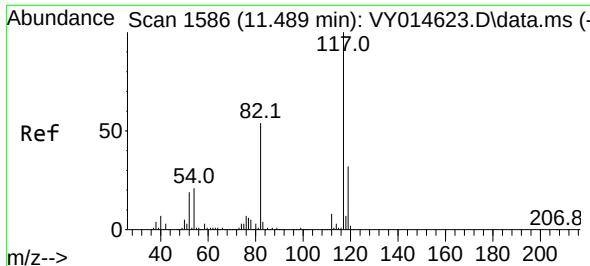
Tgt Ion: 98 Resp: 302653
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 47.614 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014909.D
Acq: 28 Jul 2023 15:19

Tgt Ion: 95 Resp: 108872
Ion Ratio Lower Upper
95 100
174 83.9 0.0 178.2
176 80.2 0.0 173.8

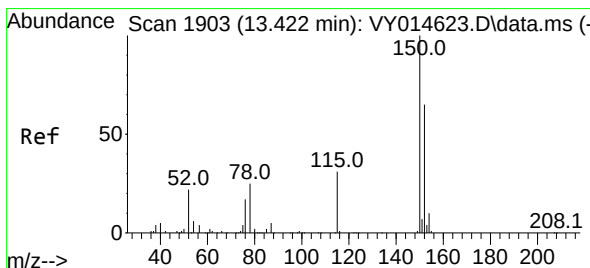
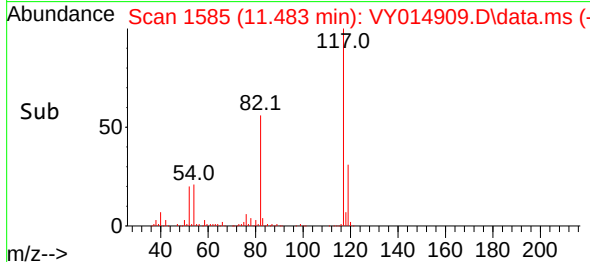
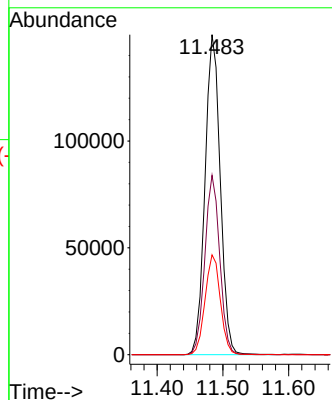
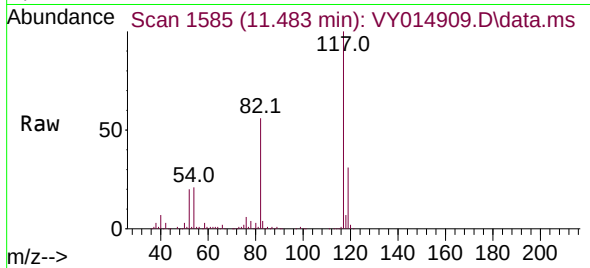




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014909.D
Acq: 28 Jul 2023 15:19

Instrument :
MSVOA_Y
ClientSampleId :
BUILDING-B-7-(0-5)

Tgt Ion:117 Resp: 241162
Ion Ratio Lower Upper
117 100
82 56.0 43.4 65.0
119 31.2 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: VY014909.D
Acq: 28 Jul 2023 15:19

Tgt Ion:152 Resp: 113535
Ion Ratio Lower Upper
152 100
115 59.4 28.8 86.5
150 158.3 0.0 348.8

