

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072623\
 Data File : VY014845.D
 Acq On : 26 Jul 2023 13:32
 Operator : SY/MD
 Sample : 03694-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

Quant Time: Jul 26 13:57:40 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	7.789	168	24852	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	43038	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	39976	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	16495	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	15989	56.459	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.920%
35) Dibromofluoromethane	7.716	113	13382	48.845	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.680%
50) Toluene-d8	10.179	98	49670	49.175	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.340%
62) 4-Bromofluorobenzene	12.483	95	17410	44.952	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.900%

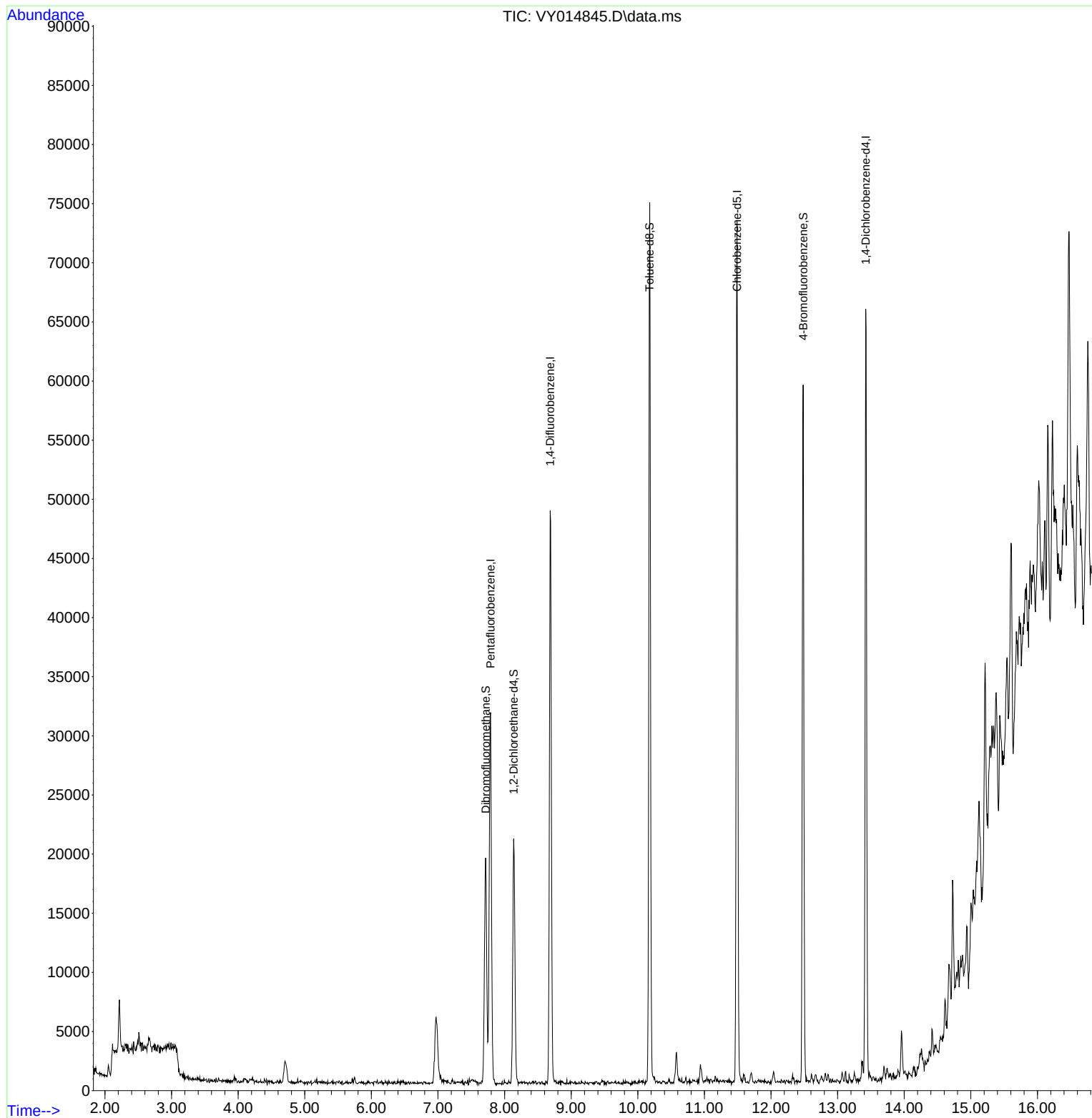
Target Compounds	Qvalue

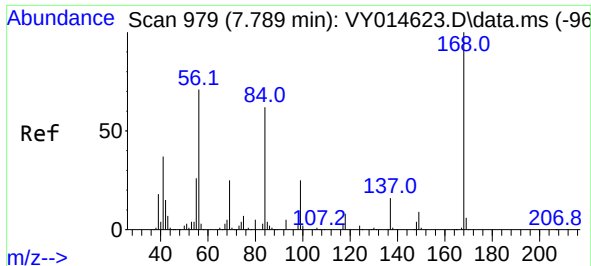
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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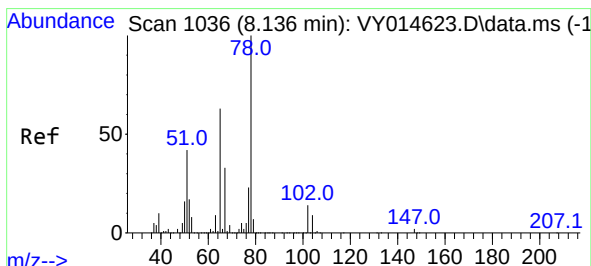
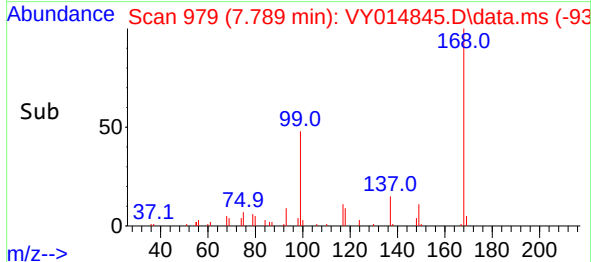
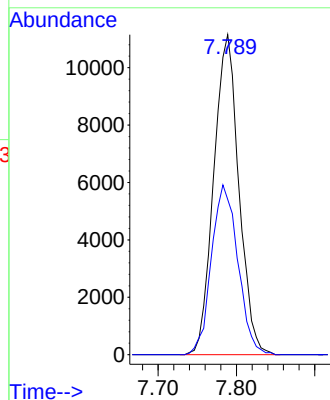
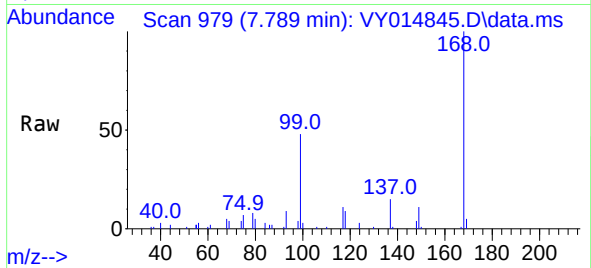




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014845.D
Acq: 26 Jul 2023 13:32

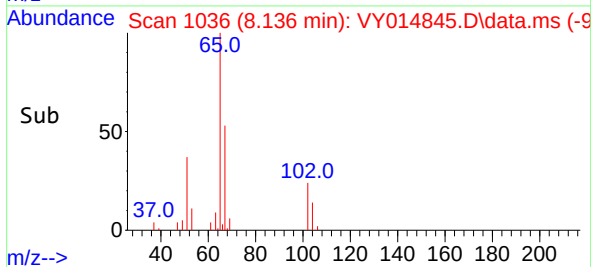
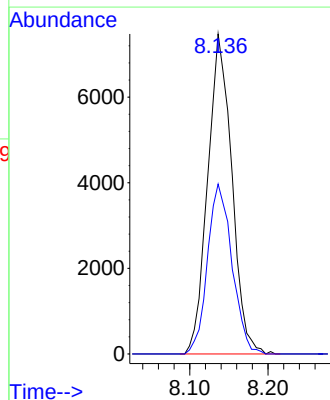
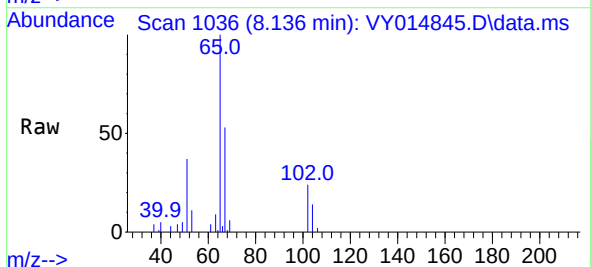
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

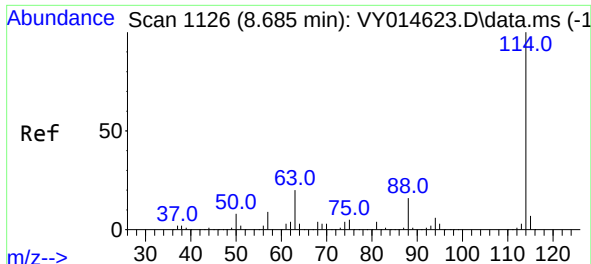
Tgt Ion:168 Resp: 24852
Ion Ratio Lower Upper
168 100
99 48.5 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 56.459 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014845.D
Acq: 26 Jul 2023 13:32

Tgt Ion: 65 Resp: 15989
Ion Ratio Lower Upper
65 100
67 53.9 0.0 101.8

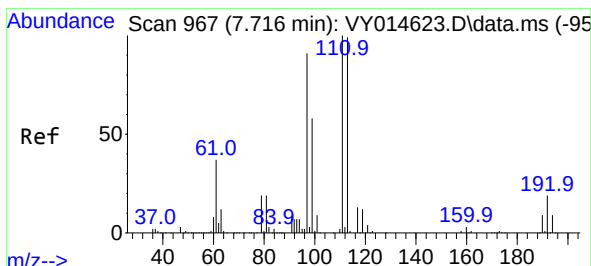
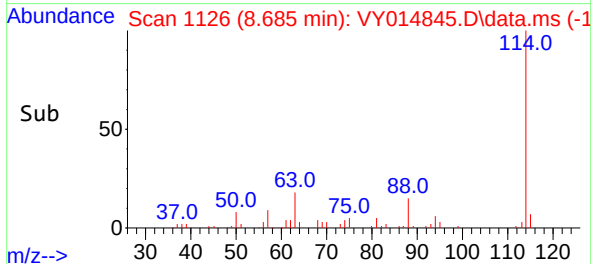
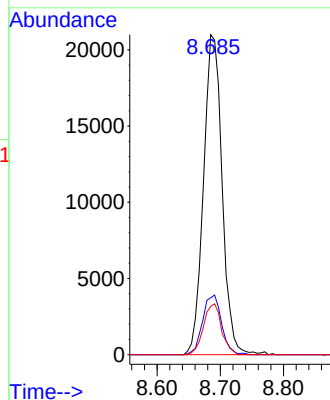
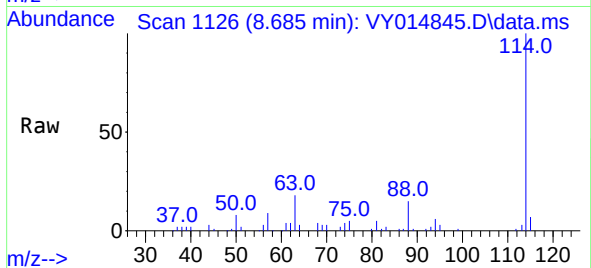




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY014845.D
Acq: 26 Jul 2023 13:32

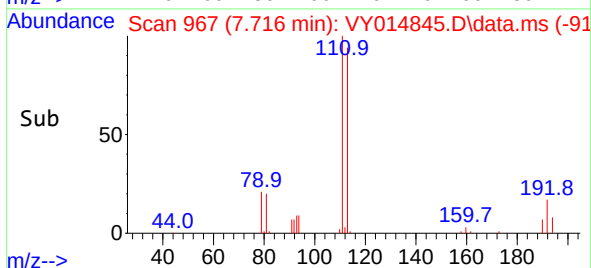
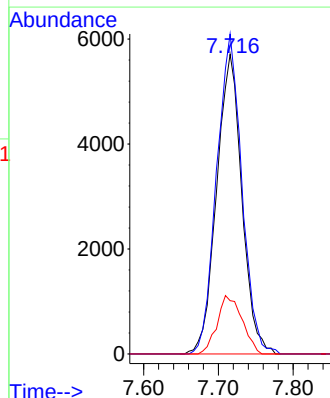
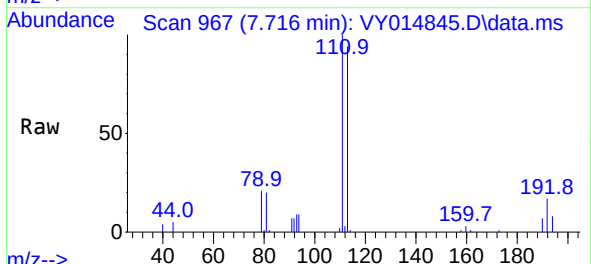
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

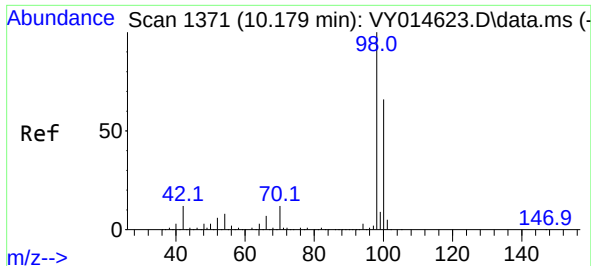
Tgt Ion:114	Resp:	43038
Ion	Ratio	Lower Upper
114	100	
63	17.8	0.0 42.4
88	15.1	0.0 30.6



#35
Dibromofluoromethane
Concen: 48.845 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014845.D
Acq: 26 Jul 2023 13:32

Tgt Ion:113	Resp:	13382
Ion	Ratio	Lower Upper
113	100	
111	106.7	81.3 121.9
192	19.3	16.9 25.3

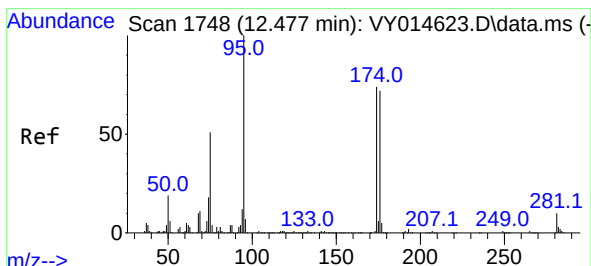
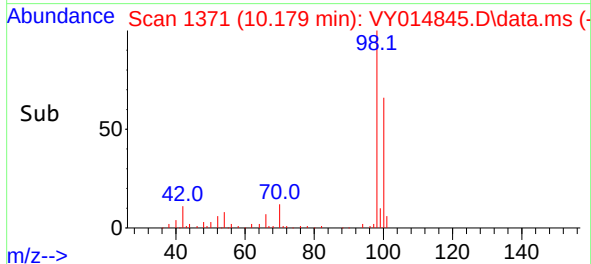
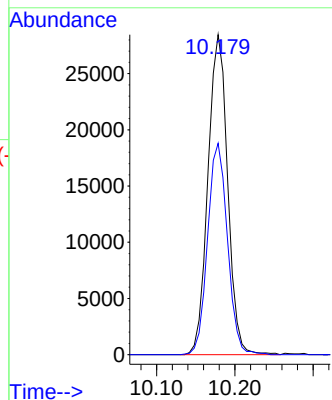
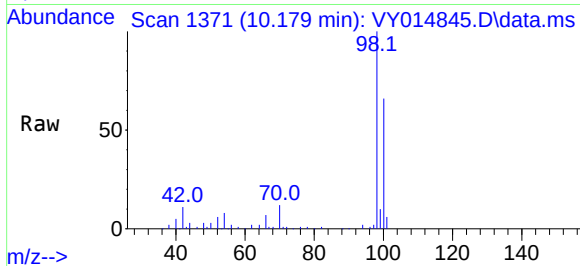




#50
Toluene-d8
Concen: 49.175 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014845.D
Acq: 26 Jul 2023 13:32

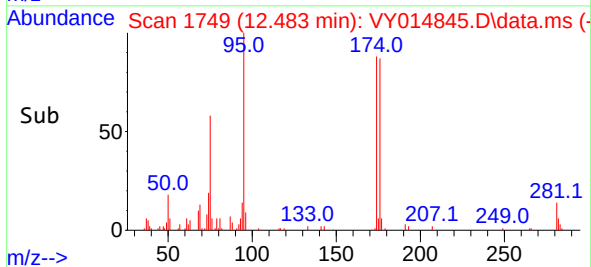
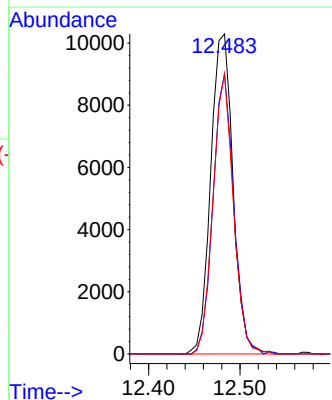
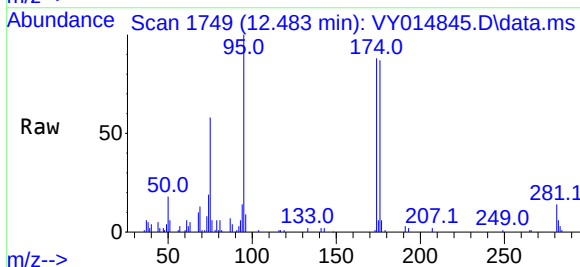
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

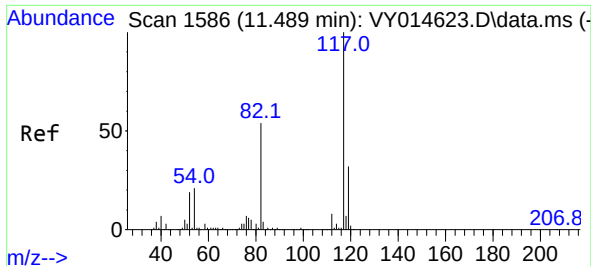
Tgt Ion: 98 Resp: 49670
Ion Ratio Lower Upper
98 100
100 66.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 44.952 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014845.D
Acq: 26 Jul 2023 13:32

Tgt Ion: 95 Resp: 17410
Ion Ratio Lower Upper
95 100
174 81.6 0.0 178.2
176 80.3 0.0 173.8

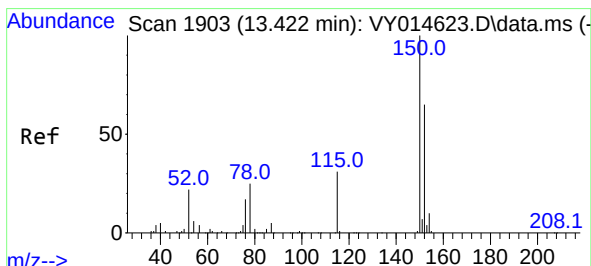
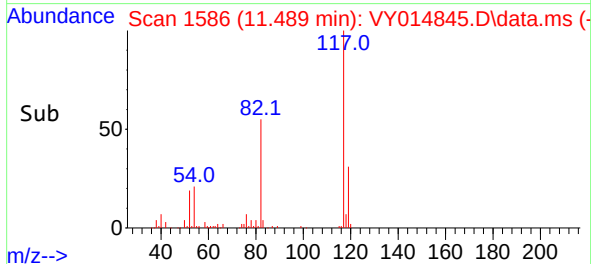
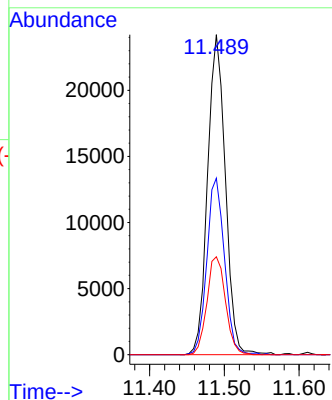
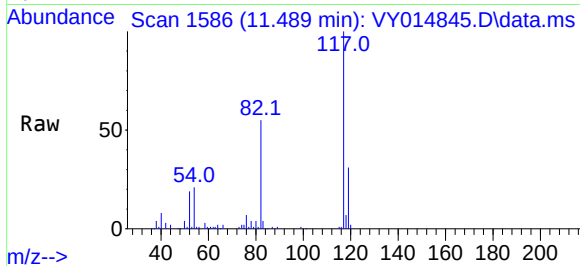




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY014845.D
Acq: 26 Jul 2023 13:32

Instrument :
MSVOA_Y
ClientSampleId :
WC-1

Tgt Ion:117 Resp: 39976
Ion Ratio Lower Upper
117 100
82 55.2 43.4 65.0
119 30.6 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: VY014845.D
Acq: 26 Jul 2023 13:32

Tgt Ion:152 Resp: 16495
Ion Ratio Lower Upper
152 100
115 60.5 28.8 86.5
150 166.3 0.0 348.8

