

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072623\
 Data File : VY014846.D
 Acq On : 26 Jul 2023 13:55
 Operator : SY/MD
 Sample : 03724-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 363

Quant Time: Jul 26 14:13:59 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	106856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	192014	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	184518	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	89992	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	69901	57.406	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.820%
35) Dibromofluoromethane	7.716	113	61951	50.683	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.360%
50) Toluene-d8	10.179	98	226573	50.278	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.560%
62) 4-Bromofluorobenzene	12.477	95	86289	49.938	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.880%

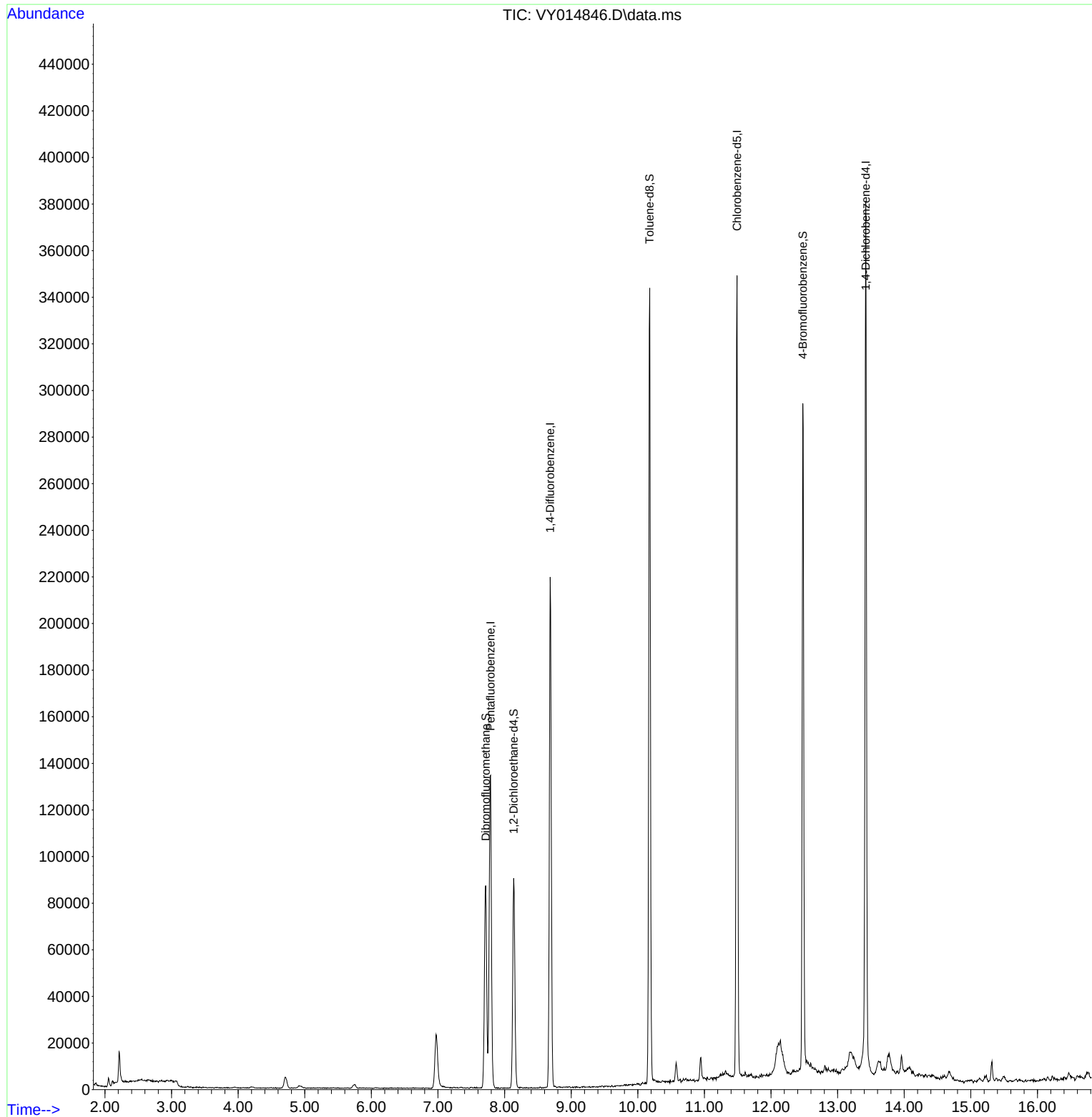
Target Compounds	Qvalue

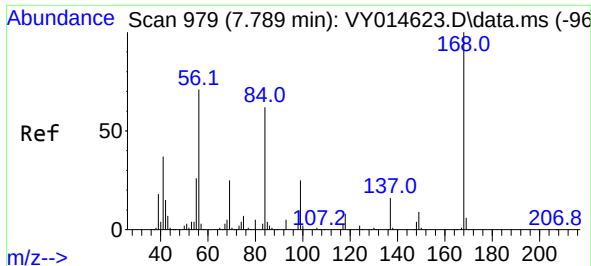
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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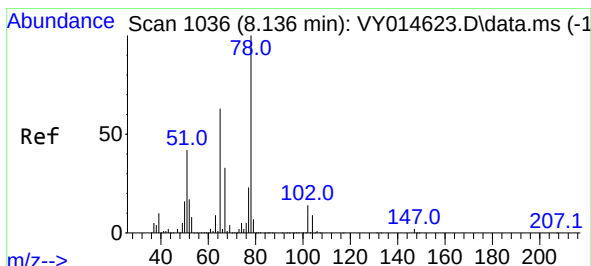
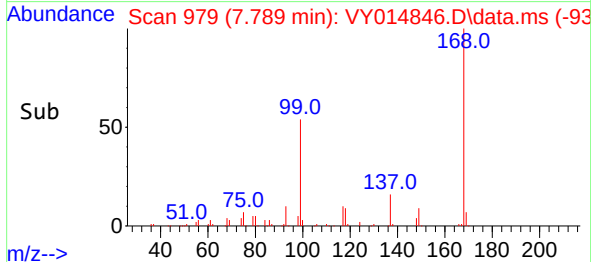
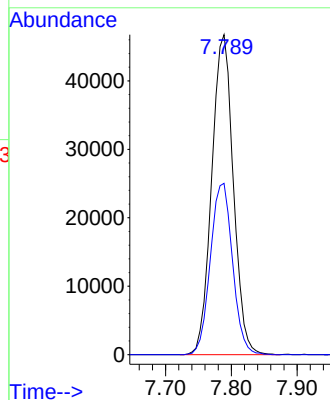
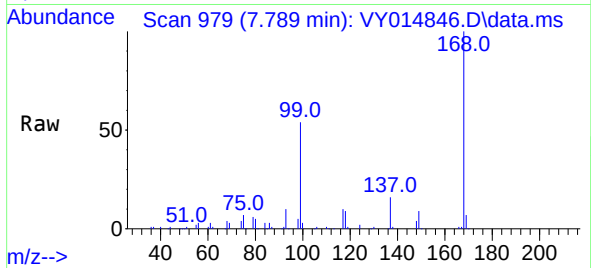




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014846.D
Acq: 26 Jul 2023 13:55

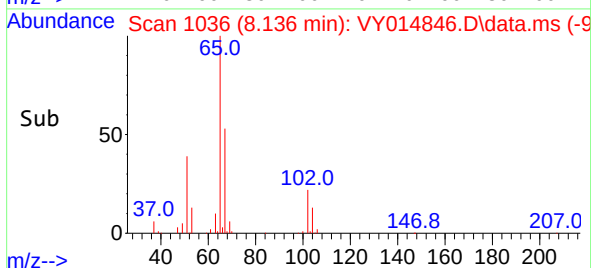
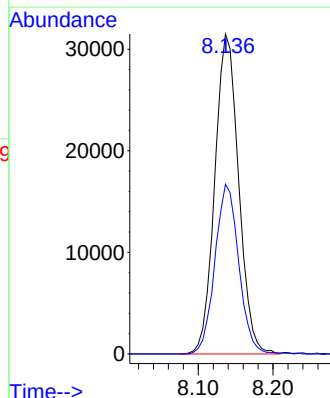
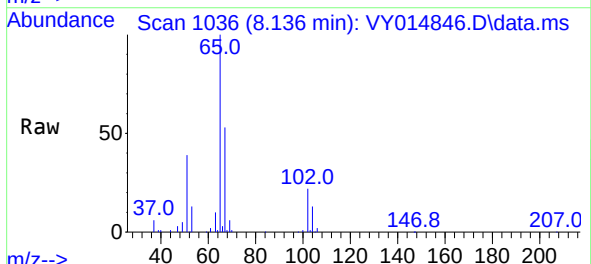
Instrument :
MSVOA_Y
ClientSampleId :
363

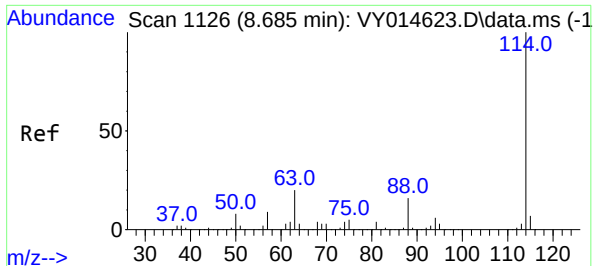
Tgt Ion:168 Resp: 106856
Ion Ratio Lower Upper
168 100
99 53.6 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 57.406 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014846.D
Acq: 26 Jul 2023 13:55

Tgt Ion: 65 Resp: 69901
Ion Ratio Lower Upper
65 100
67 53.1 0.0 101.8

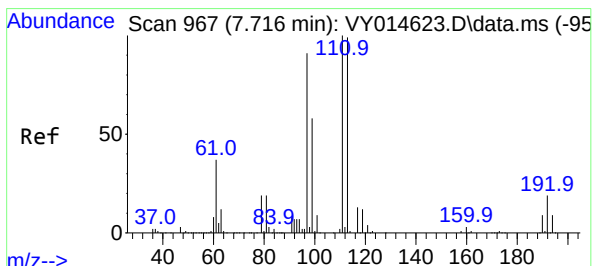
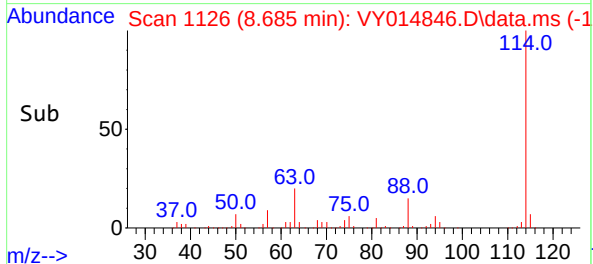
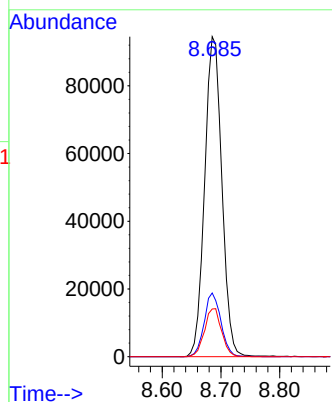
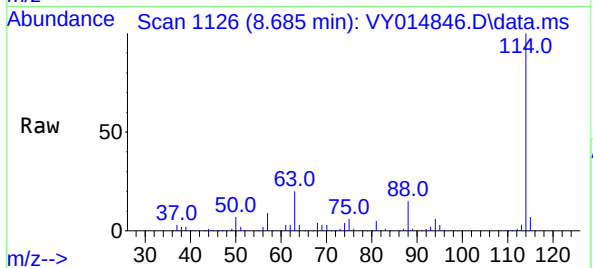




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY014846.D
Acq: 26 Jul 2023 13:55

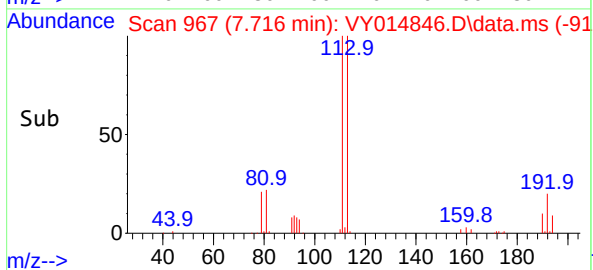
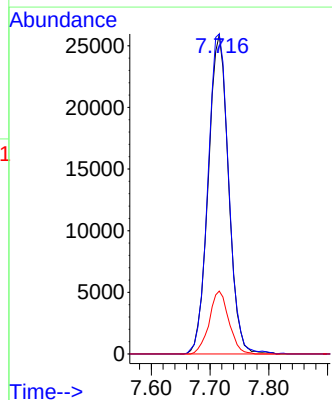
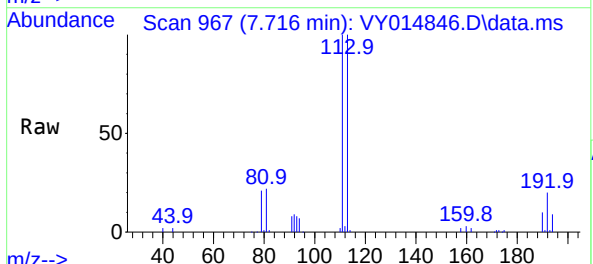
Instrument :
MSVOA_Y
ClientSampleId :
363

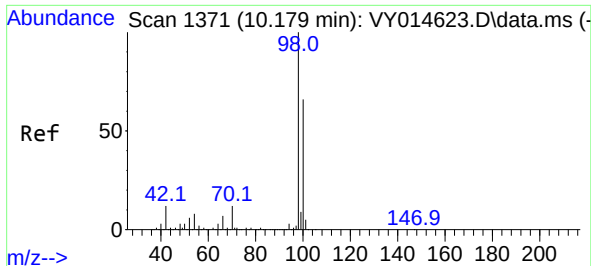
Tgt Ion:	114	Resp:	192014
Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	42.4
88	14.9	0.0	30.6



#35
Dibromofluoromethane
Concen: 50.683 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014846.D
Acq: 26 Jul 2023 13:55

Tgt Ion:	113	Resp:	61951
Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.3	121.9
192	19.0	16.9	25.3

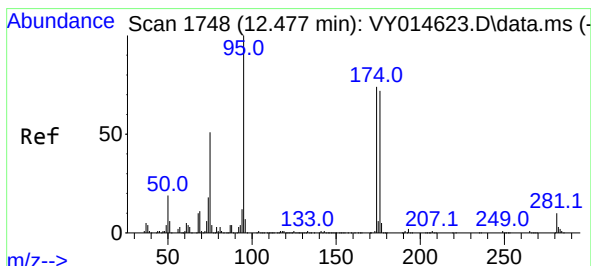
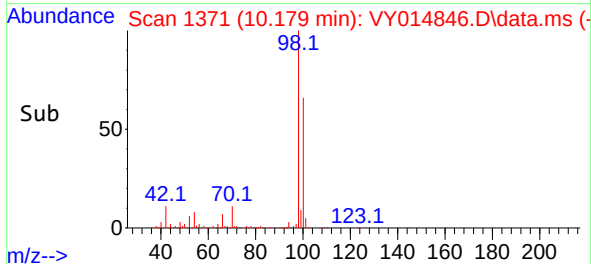
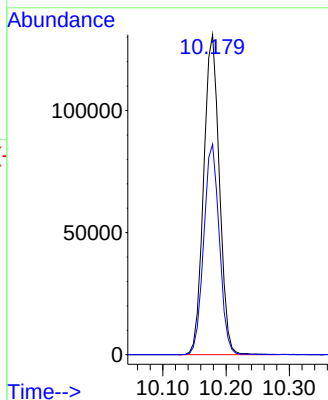
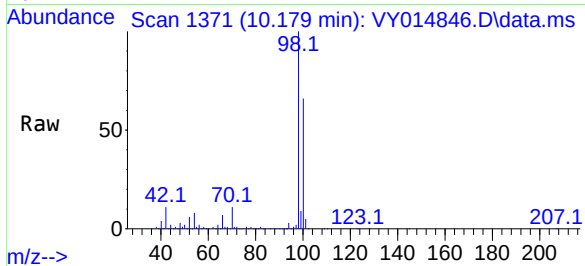




#50
Toluene-d8
Concen: 50.278 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014846.D
Acq: 26 Jul 2023 13:55

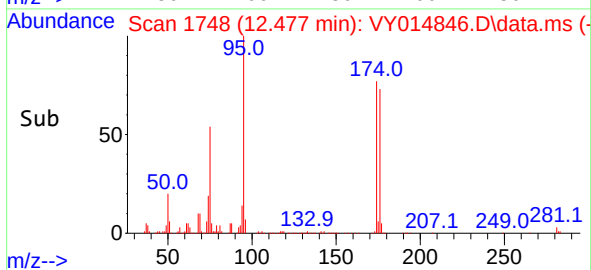
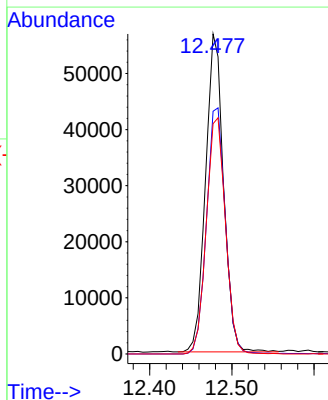
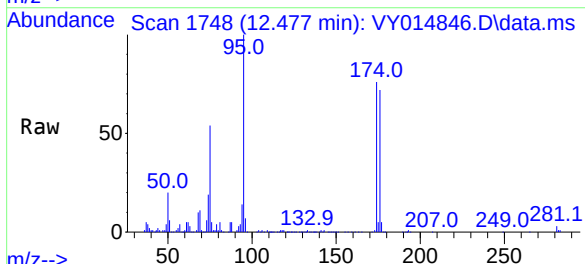
Instrument :
MSVOA_Y
ClientSampleId :
363

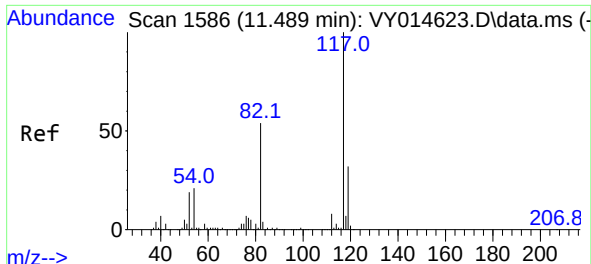
Tgt Ion: 98 Resp: 226573
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.938 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014846.D
Acq: 26 Jul 2023 13:55

Tgt Ion: 95 Resp: 86289
Ion Ratio Lower Upper
95 100
174 80.8 0.0 178.2
176 78.9 0.0 173.8

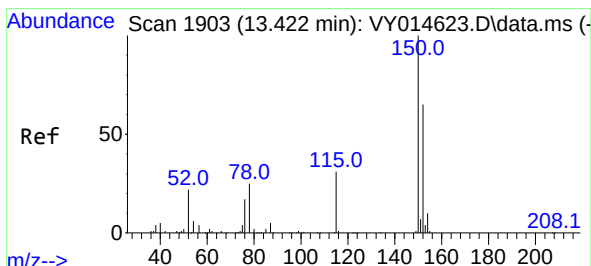
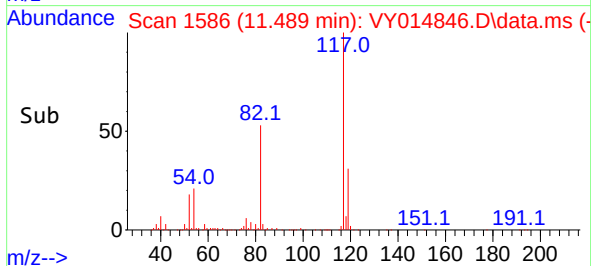
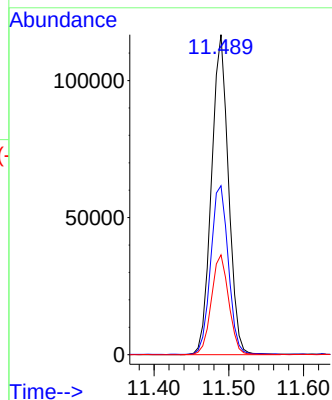
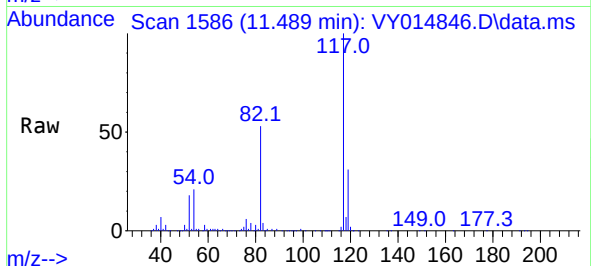




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY014846.D
Acq: 26 Jul 2023 13:55

Instrument :
MSVOA_Y
ClientSampleId :
363

Tgt Ion:117 Resp: 184518
Ion Ratio Lower Upper
117 100
82 52.7 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: VY014846.D
Acq: 26 Jul 2023 13:55

Tgt Ion:152 Resp: 89992
Ion Ratio Lower Upper
152 100
115 59.0 28.8 86.5
150 155.7 0.0 348.8

