

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042723\
 Data File : VY013492.D
 Acq On : 27 Apr 2023 15:20
 Operator : KP/MD
 Sample : 02483-03RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S2S-TP2RE

Quant Time: Apr 27 16:14:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	12565	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	20498	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	19333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	7278	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	11905	86.431	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	172.860%#
35) Dibromofluoromethane	7.716	113	9185	71.244	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	142.480%
50) Toluene-d8	10.179	98	24427	53.261	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.520%
62) 4-Bromofluorobenzene	12.477	95	6871	44.439	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.880%

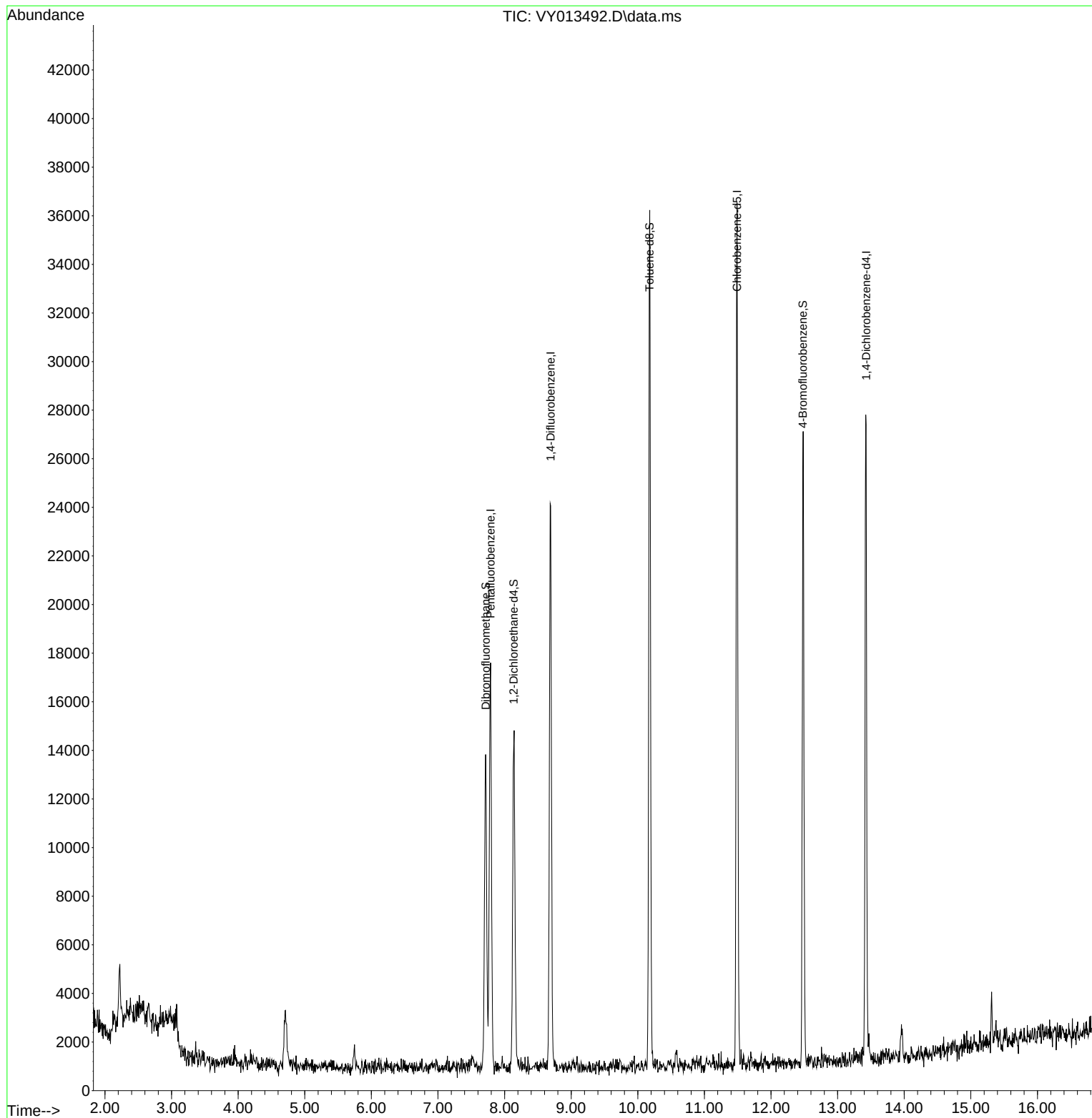
Target Compounds	Qvalue

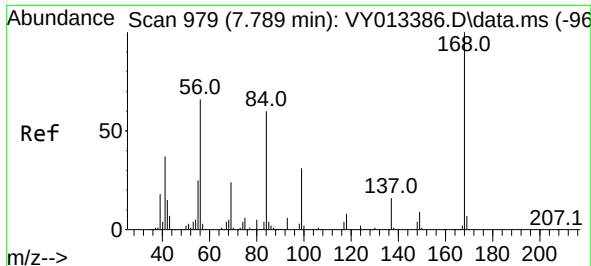
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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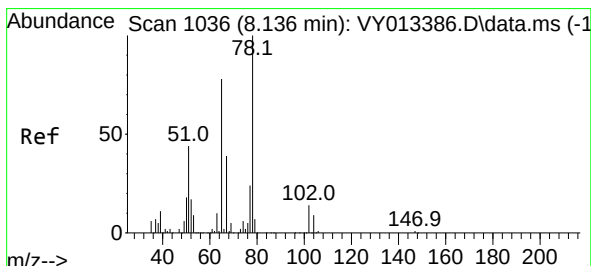
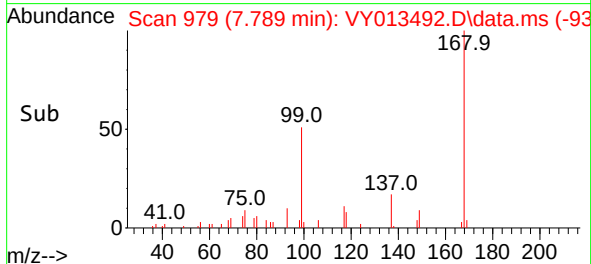
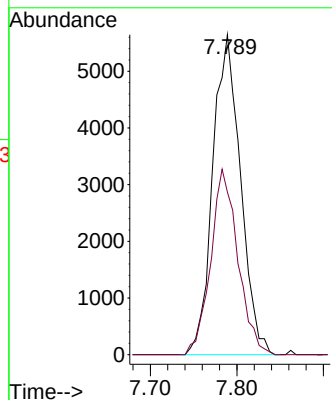
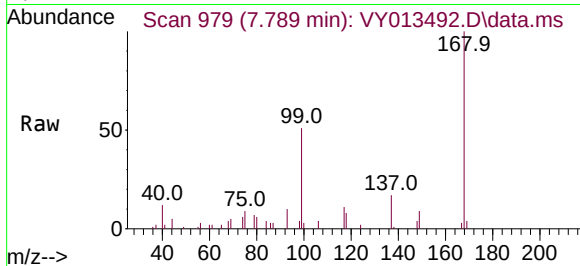




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013492.D
Acq: 27 Apr 2023 15:20

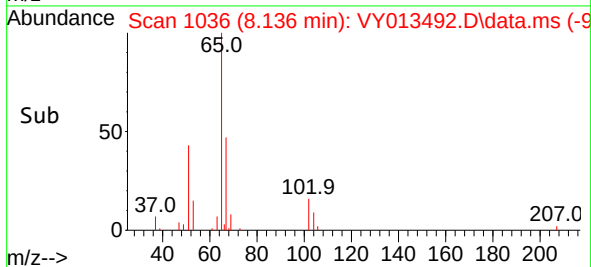
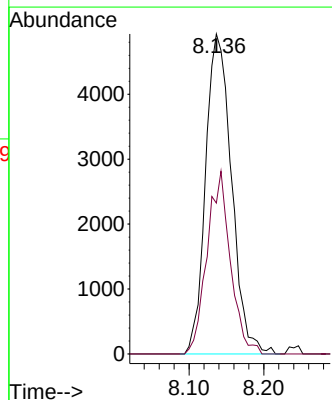
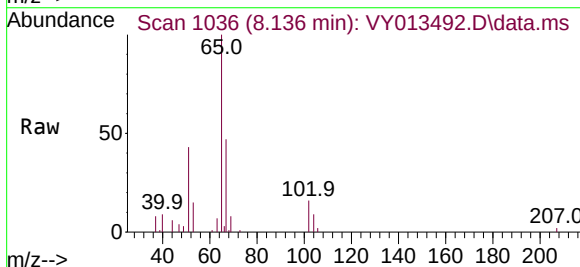
Instrument :
MSVOA_Y
ClientSampleId :
S2S-TP2RE

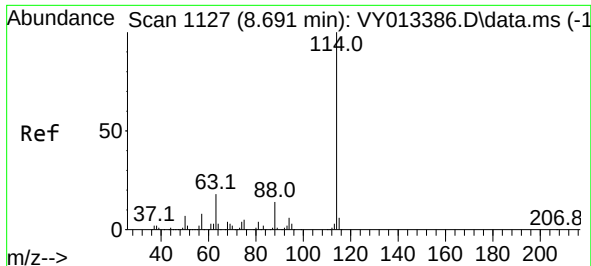
Tgt Ion:168 Resp: 12565
Ion Ratio Lower Upper
168 100
99 50.8 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 86.431 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY013492.D
Acq: 27 Apr 2023 15:20

Tgt Ion: 65 Resp: 11905
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.4

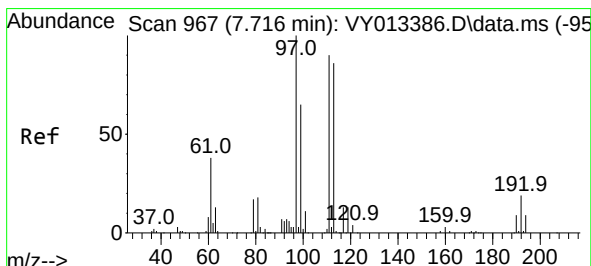
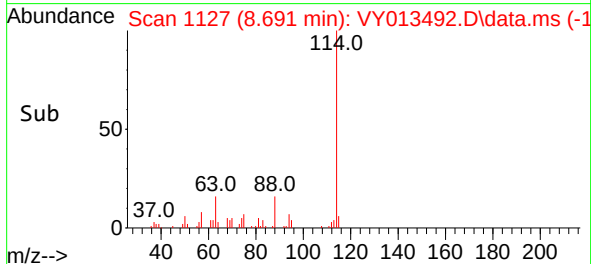
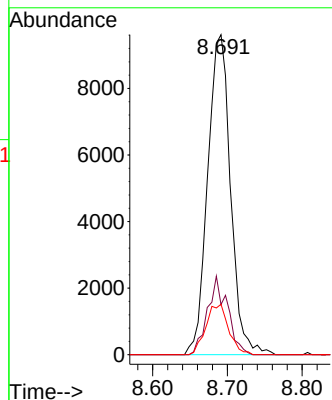
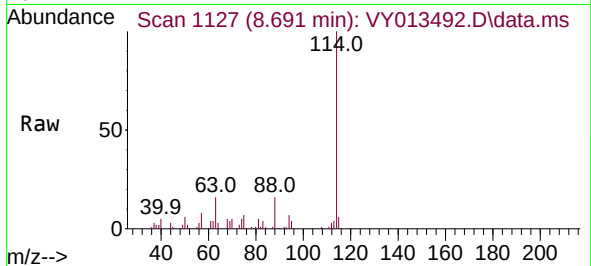




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY013492.D
Acq: 27 Apr 2023 15:20

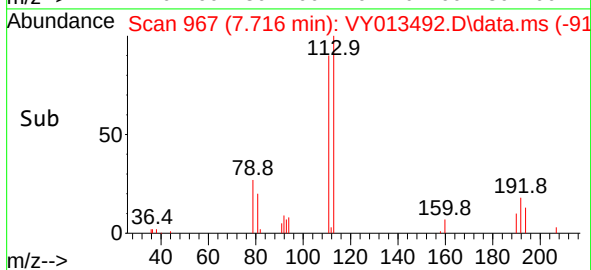
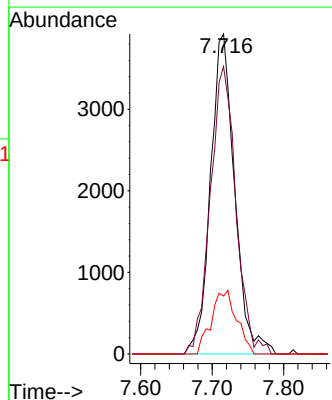
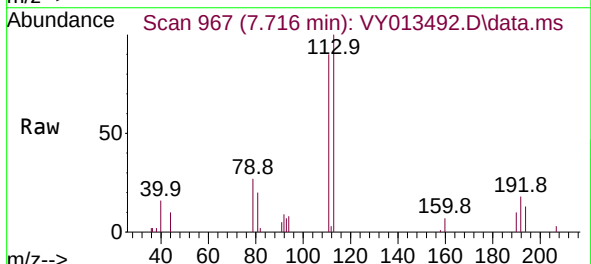
Instrument :
MSVOA_Y
ClientSampleId :
S2S-TP2RE

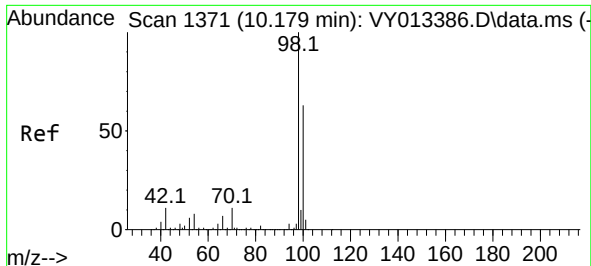
Tgt Ion:	114	Resp:	20498
Ion Ratio	Lower	Upper	
114	100		
63	15.6	0.0	36.6
88	15.7	0.0	28.8



#35
Dibromofluoromethane
Concen: 71.244 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013492.D
Acq: 27 Apr 2023 15:20

Tgt Ion:	113	Resp:	9185
Ion Ratio	Lower	Upper	
113	100		
111	95.3	82.2	123.2
192	20.8	16.7	25.1

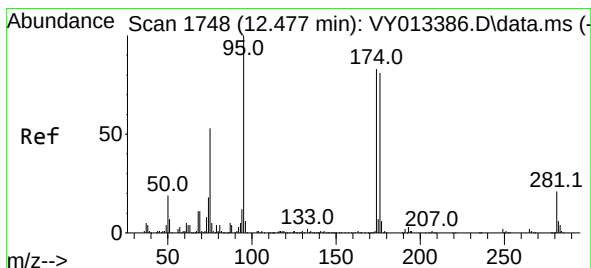
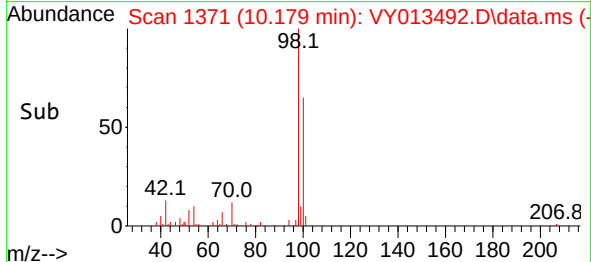
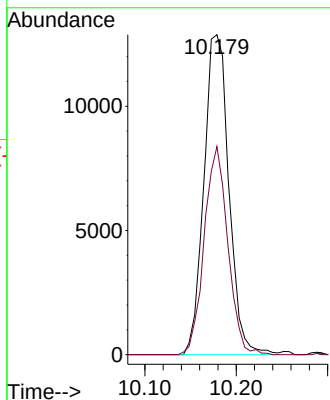
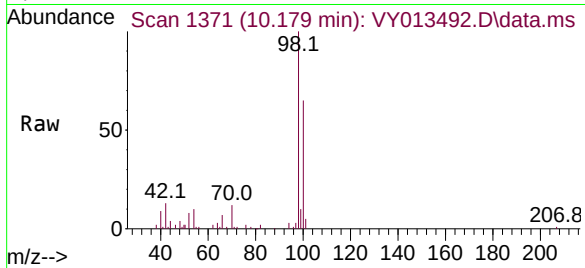




#50
Toluene-d8
Concen: 53.261 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013492.D
Acq: 27 Apr 2023 15:20

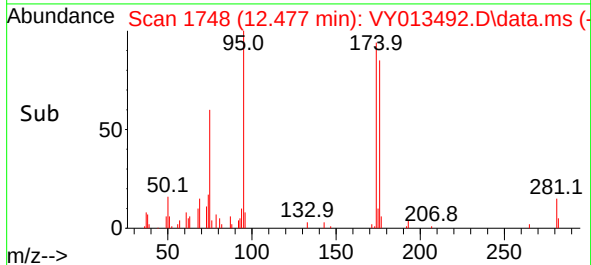
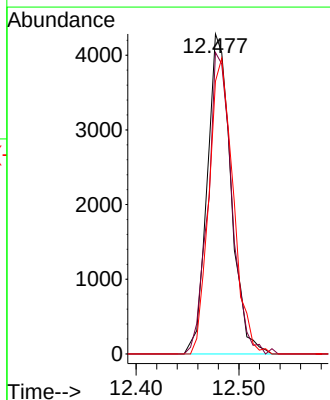
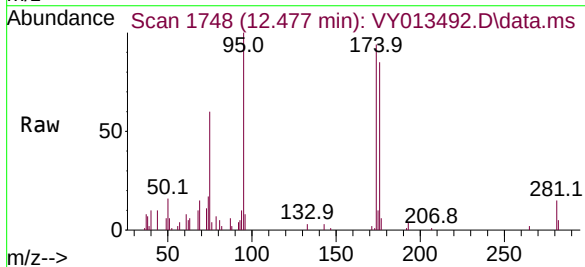
Instrument :
MSVOA_Y
ClientSampleId :
S2S-TP2RE

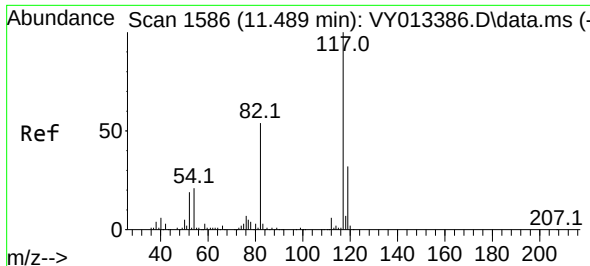
Tgt Ion: 98 Resp: 24427
Ion Ratio Lower Upper
98 100
100 61.6 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 44.439 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013492.D
Acq: 27 Apr 2023 15:20

Tgt Ion: 95 Resp: 6871
Ion Ratio Lower Upper
95 100
174 94.8 0.0 182.0
176 94.0 0.0 175.4

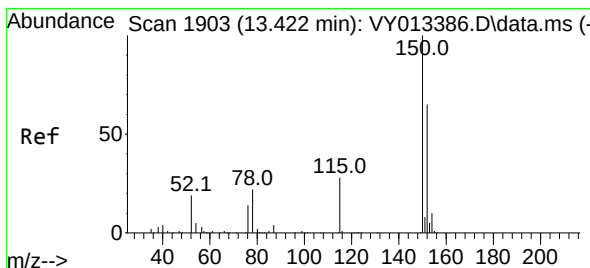
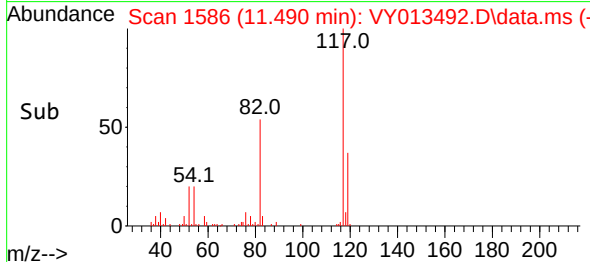
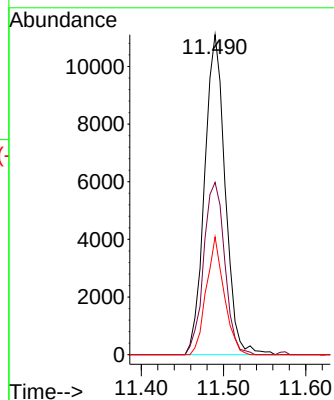
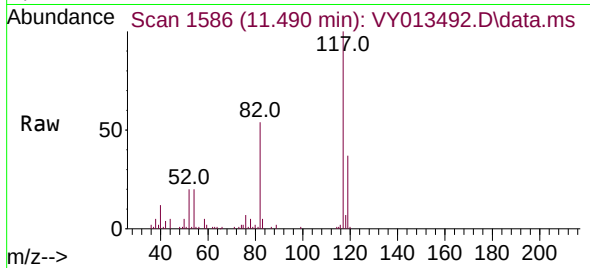




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY013492.D
Acq: 27 Apr 2023 15:20

Instrument :
MSVOA_Y
ClientSampleId :
S2S-TP2RE

Tgt Ion:117	Resp:	19333
Ion	Ratio	Lower Upper
117	100	
82	53.8	43.0 64.6
119	36.8	25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY013492.D
Acq: 27 Apr 2023 15:20

Tgt Ion:152	Resp:	7278
Ion	Ratio	Lower Upper
152	100	
115	57.4	28.1 84.2
150	159.5	0.0 352.0

