

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY033023\  
 Data File : VY013153.D  
 Acq On : 30 Mar 2023 16:23  
 Operator : KP/MD  
 Sample : 02136-01  
 Misc : 5.05g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SU-03-033023

Quant Time: Mar 31 05:46:40 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y033023S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 31 05:07:15 2023  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	31385	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	49156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	47141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	20701	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	21602	64.046	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.100%
35) Dibromofluoromethane	7.716	113	18949	59.009	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.020%
50) Toluene-d8	10.179	98	59275	48.896	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.800%
62) 4-Bromofluorobenzene	12.483	95	18129	45.943	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.880%

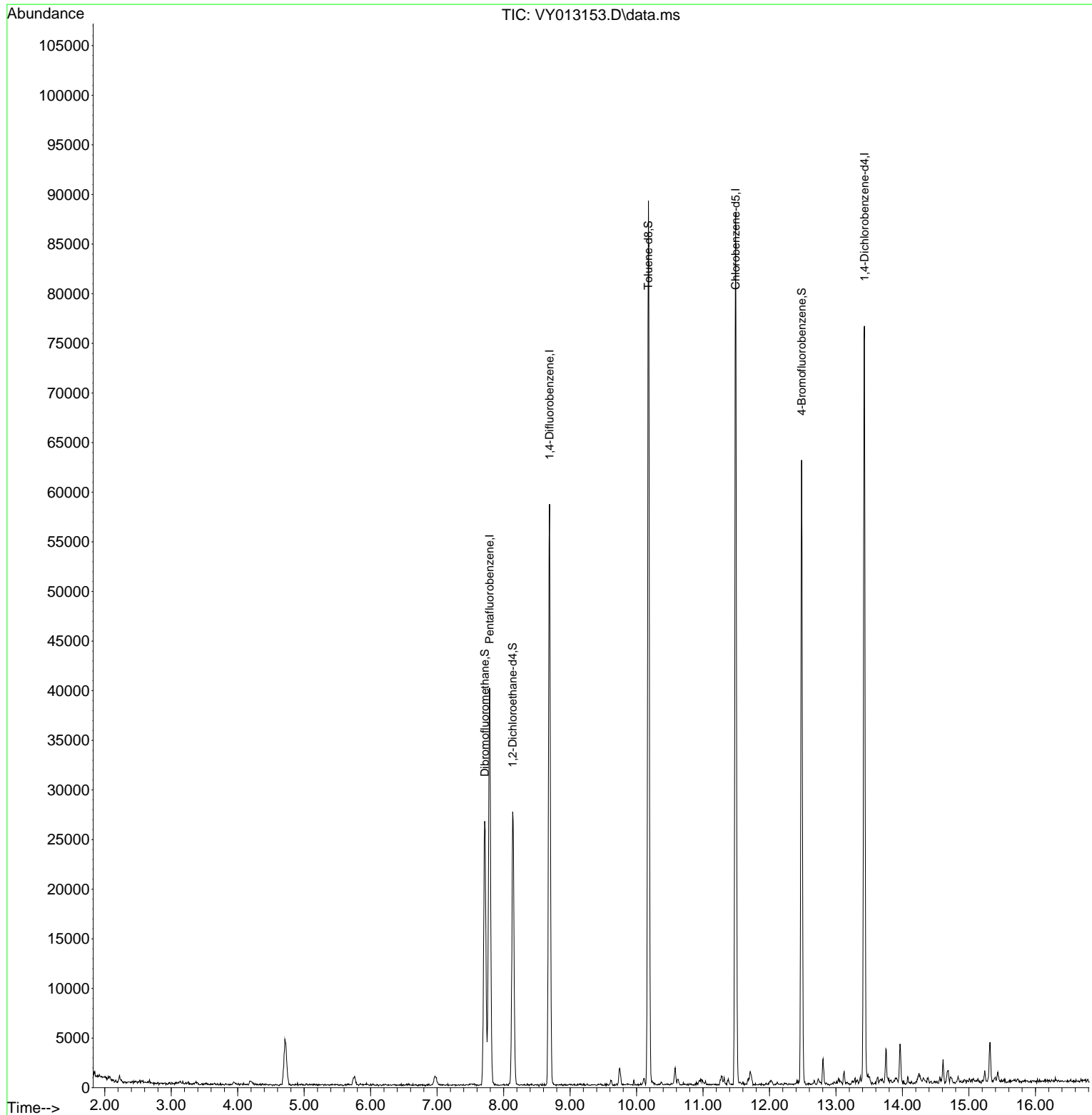
Target Compounds Qvalue

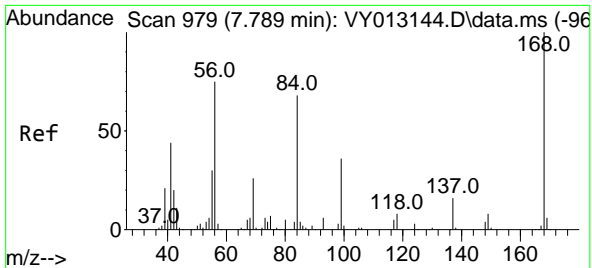
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY033023\  
 Data File : VY013153.D  
 Acq On : 30 Mar 2023 16:23  
 Operator : KP/MD  
 Sample : 02136-01  
 Misc : 5.05g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SU-03-033023

Quant Time: Mar 31 05:46:40 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y033023S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 31 05:07:15 2023  
 Response via : Initial Calibration

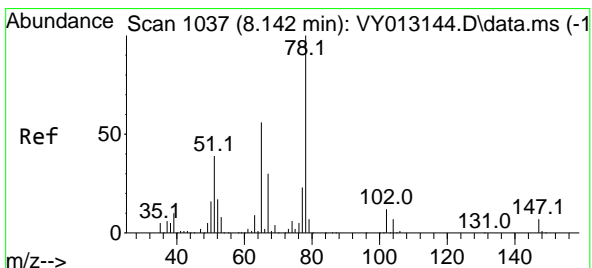
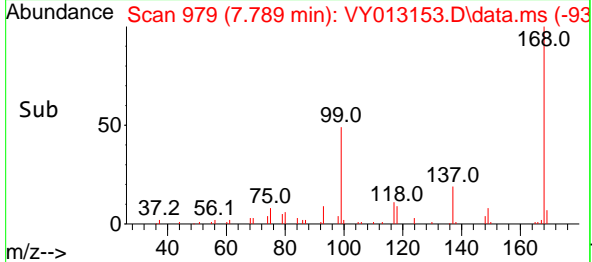
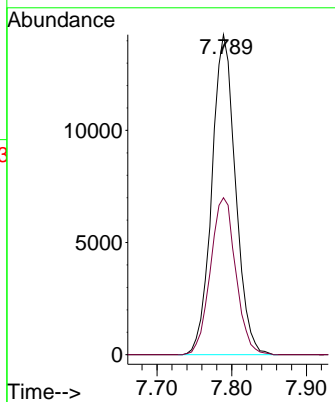
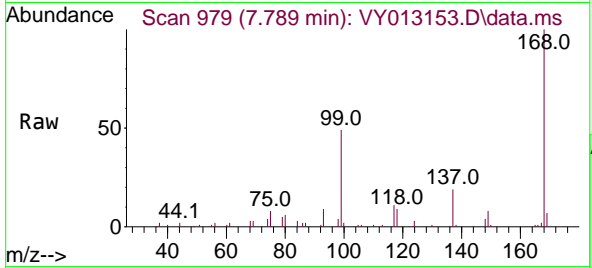




#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 7.789 min Scan# 91  
 Delta R.T. -0.000 min  
 Lab File: VY013153.D  
 Acq: 30 Mar 2023 16:23

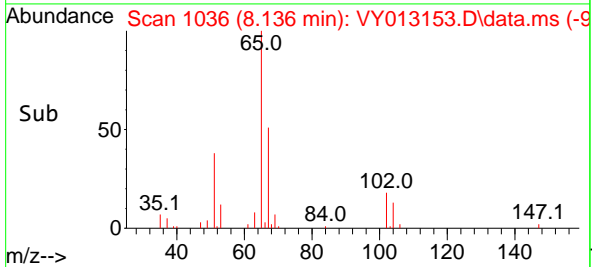
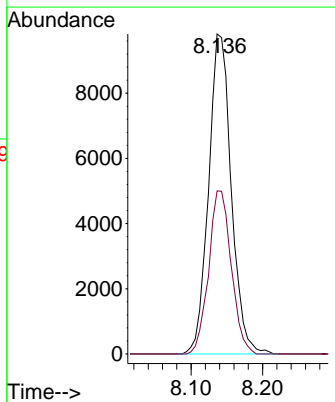
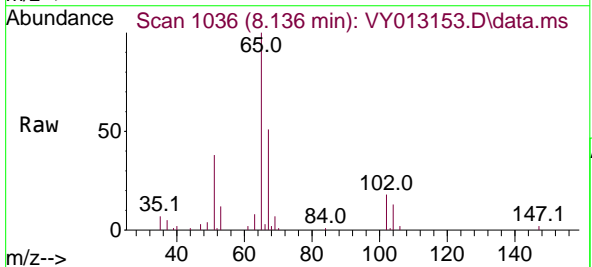
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SU-03-033023

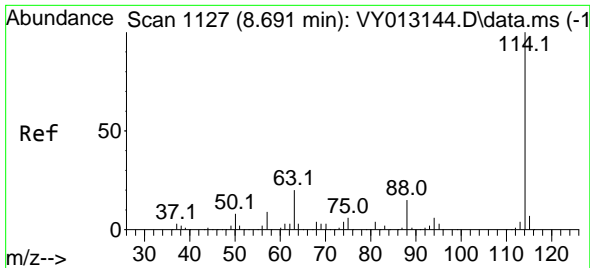
Tgt Ion:168 Resp: 31385  
 Ion Ratio Lower Upper  
 168 100  
 99 49.1 41.7 62.5



#33  
 1,2-Dichloroethane-d4  
 Concen: 64.046 ug/l  
 RT: 8.136 min Scan# 1036  
 Delta R.T. -0.006 min  
 Lab File: VY013153.D  
 Acq: 30 Mar 2023 16:23

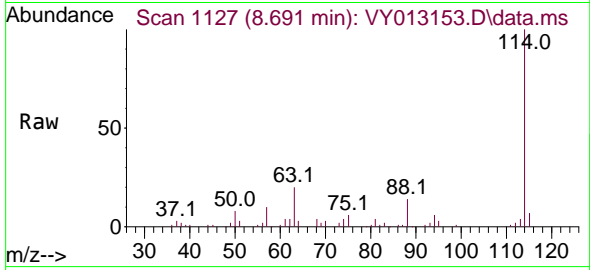
Tgt Ion: 65 Resp: 21602  
 Ion Ratio Lower Upper  
 65 100  
 67 50.7 0.0 104.0





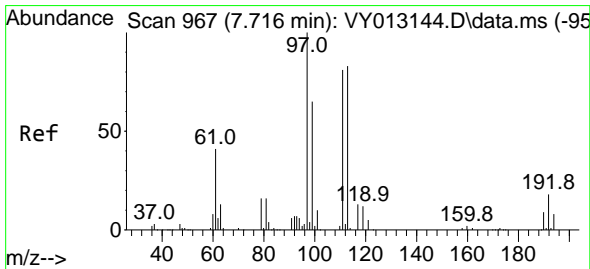
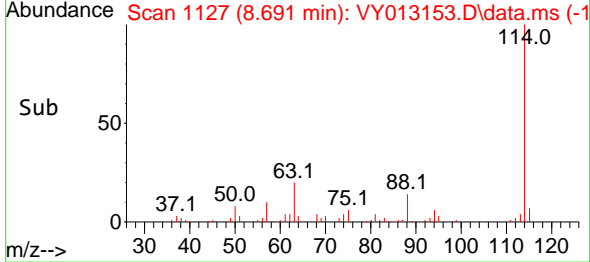
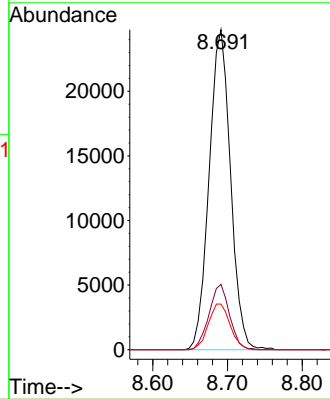
#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.691 min Scan# 1127  
 Delta R.T. 0.000 min  
 Lab File: VY013153.D  
 Acq: 30 Mar 2023 16:23

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SU-03-033023



Tgt Ion:114 Resp: 49156

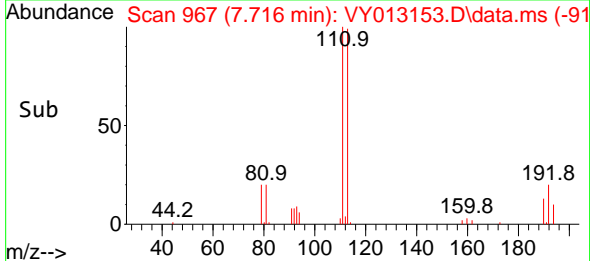
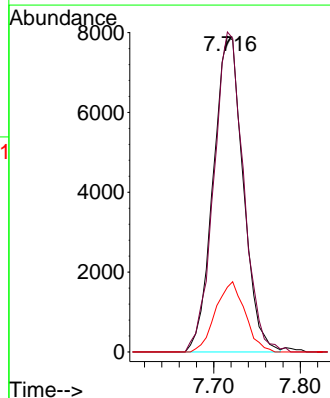
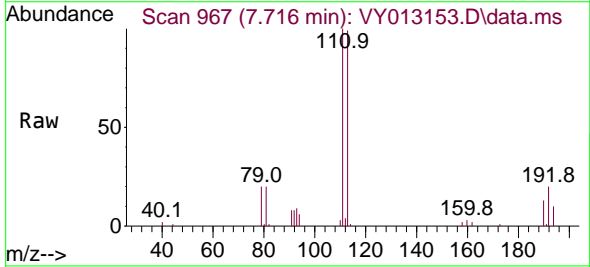
Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	37.4
88	14.3	0.0	28.6

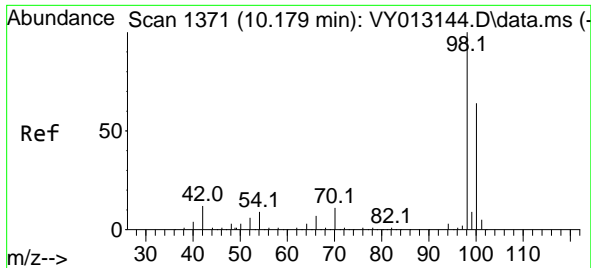


#35  
 Dibromofluoromethane  
 Concen: 59.009 ug/l  
 RT: 7.716 min Scan# 967  
 Delta R.T. 0.000 min  
 Lab File: VY013153.D  
 Acq: 30 Mar 2023 16:23

Tgt Ion:113 Resp: 18949

Ion	Ratio	Lower	Upper
113	100		
111	100.4	82.2	123.2
192	21.9	16.8	25.2

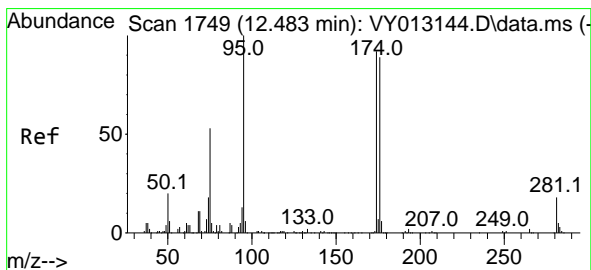
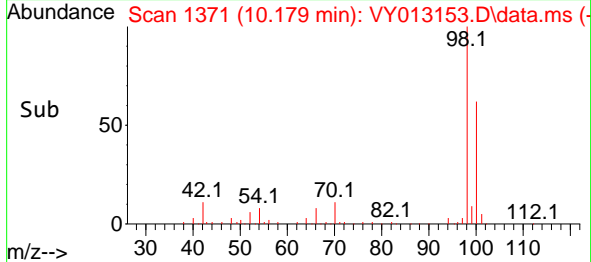
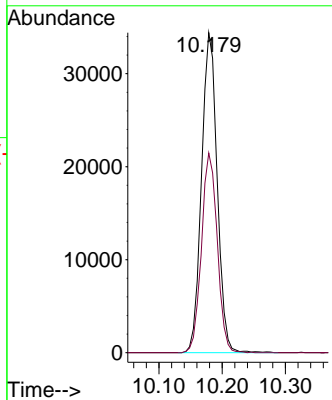
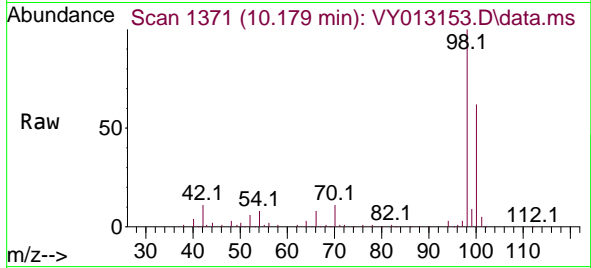




#50  
 Toluene-d8  
 Concen: 48.896 ug/l  
 RT: 10.179 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VY013153.D  
 Acq: 30 Mar 2023 16:23

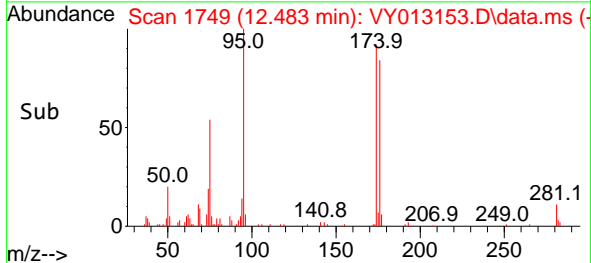
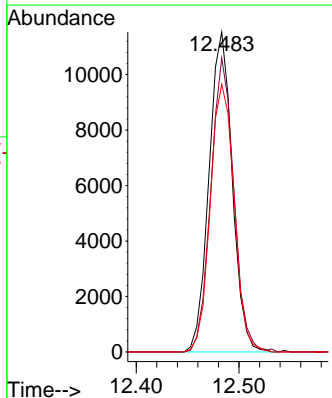
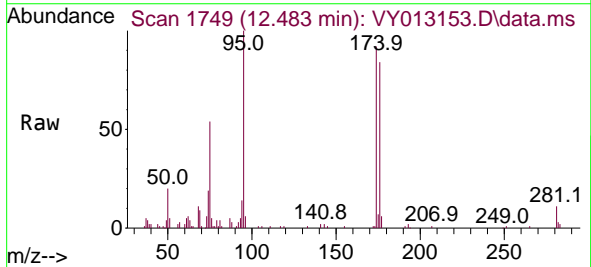
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SU-03-033023

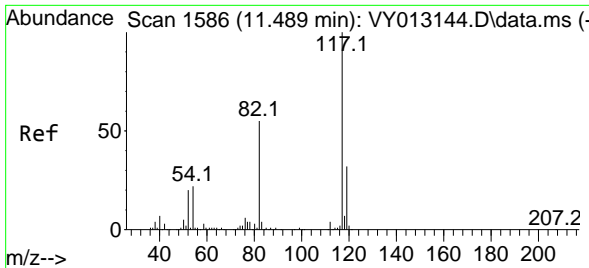
Tgt Ion: 98 Resp: 59275  
 Ion Ratio Lower Upper  
 98 100  
 100 62.8 50.9 76.3



#62  
 4-Bromofluorobenzene  
 Concen: 45.943 ug/l  
 RT: 12.483 min Scan# 1749  
 Delta R.T. 0.000 min  
 Lab File: VY013153.D  
 Acq: 30 Mar 2023 16:23

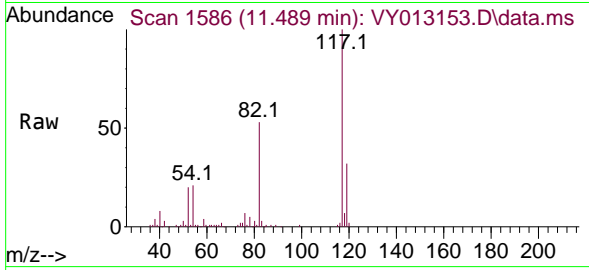
Tgt Ion: 95 Resp: 18129  
 Ion Ratio Lower Upper  
 95 100  
 174 90.8 0.0 176.6  
 176 86.0 0.0 170.2





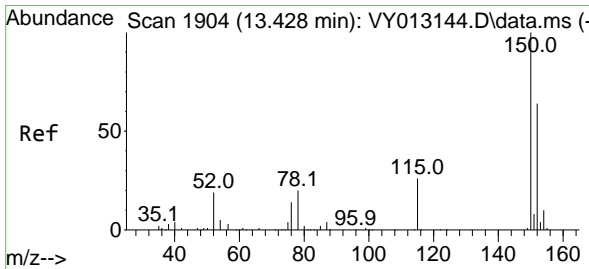
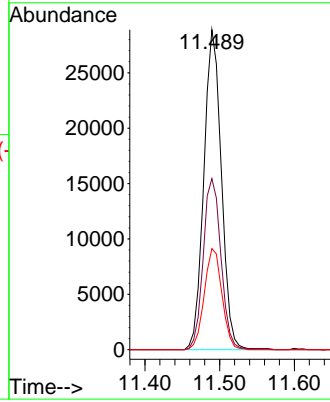
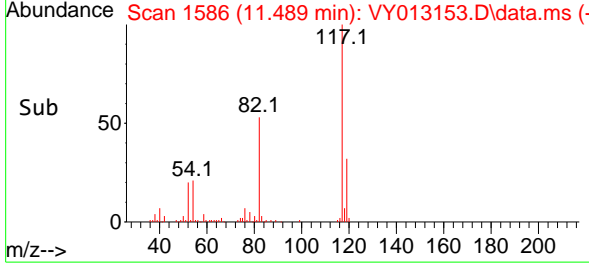
#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.489 min Scan# 117  
 Delta R.T. 0.000 min  
 Lab File: VY013153.D  
 Acq: 30 Mar 2023 16:23

Instrument : MSVOA\_Y  
 ClientSampleId : SU-03-033023

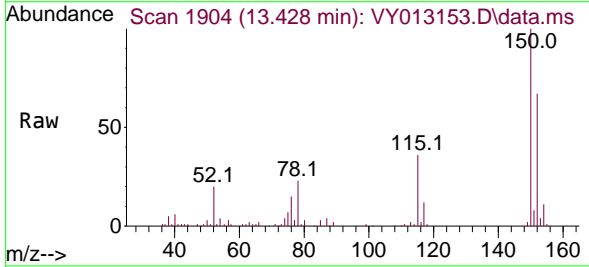


Tgt Ion:117 Resp: 47141

Ion	Ratio	Lower	Upper
117	100		
82	53.5	45.4	68.0
119	31.6	25.6	38.4



#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.428 min Scan# 1904  
 Delta R.T. 0.000 min  
 Lab File: VY013153.D  
 Acq: 30 Mar 2023 16:23



Tgt Ion:152 Resp: 20701

Ion	Ratio	Lower	Upper
152	100		
115	54.9	27.1	81.3
150	159.3	0.0	347.8

