

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY052122\  
 Data File : VY008973.D  
 Acq On : 22 May 2022 01:54  
 Operator : KP/MD  
 Sample : N2887-03  
 Misc : 5.53g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 P030-SS003-0006-01

Quant Time: May 22 02:42:57 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y052022S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 20 23:50:52 2022  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	118590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	215187	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	206903	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	88198	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	78554	64.362	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.720%
35) Dibromofluoromethane	7.716	113	69316	51.801	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.600%
50) Toluene-d8	10.179	98	268391	54.368	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.740%
62) 4-Bromofluorobenzene	12.477	95	76998	38.666	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	77.340%

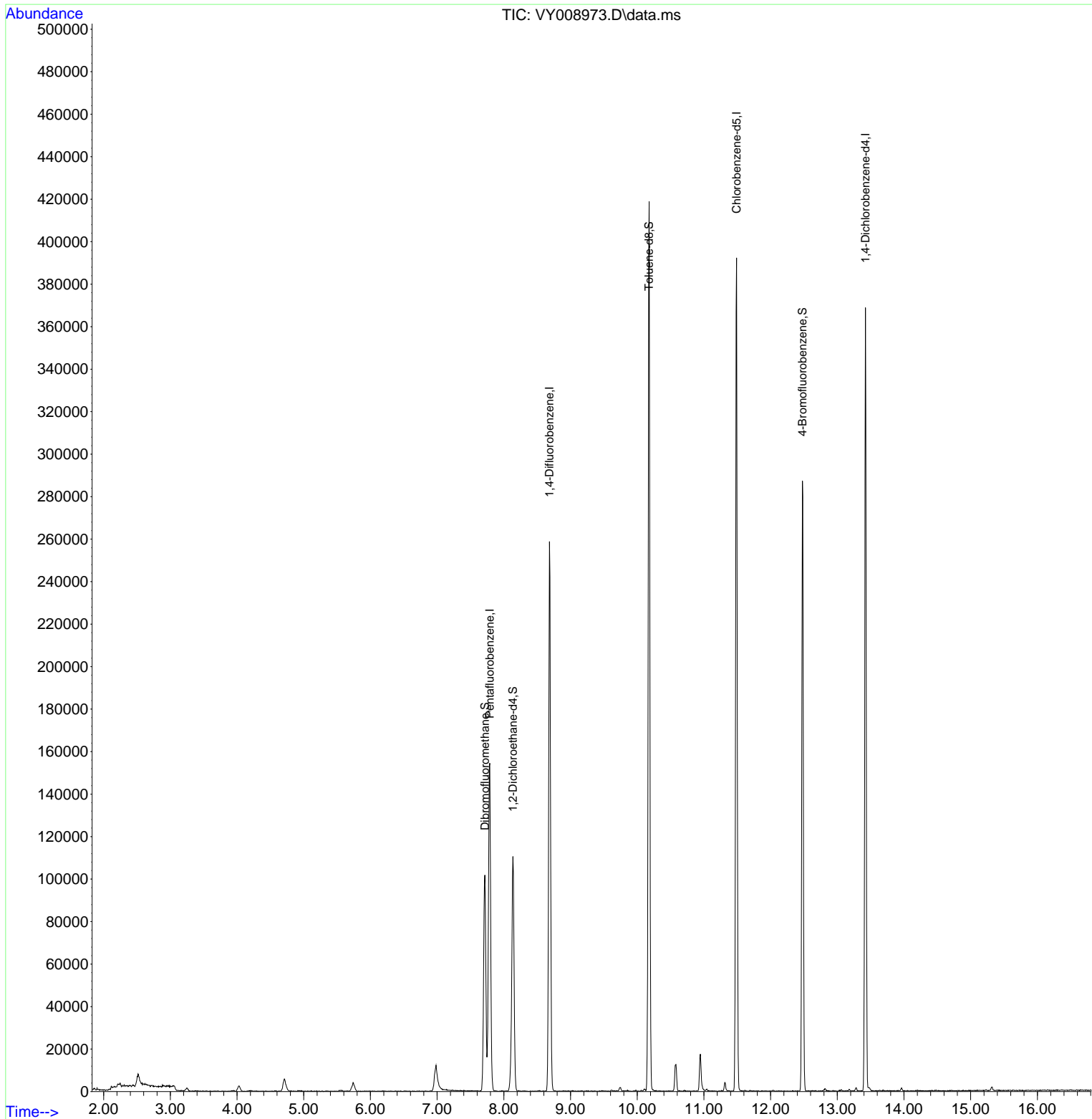
Target Compounds Qvalue

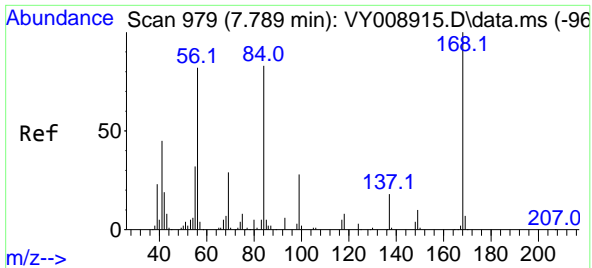
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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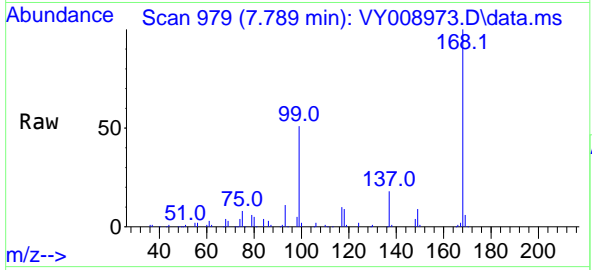
Quant Time: May 22 02:42:57 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y052022S.M  
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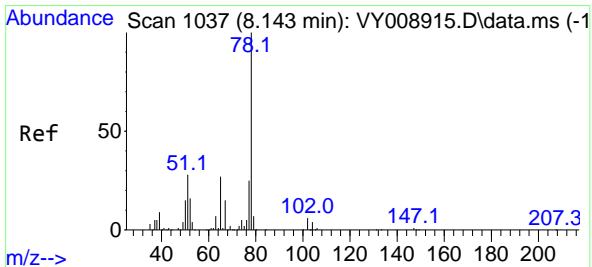
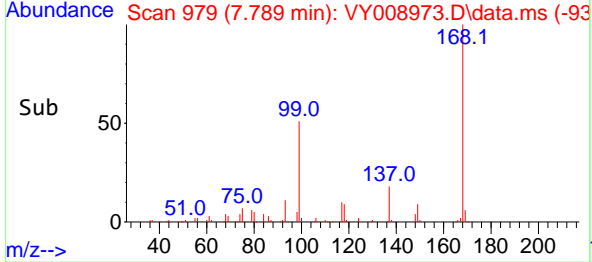
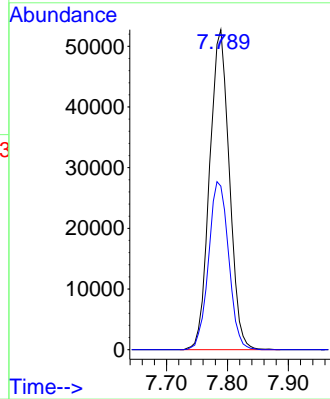


#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 7.789 min Scan# 91  
 Delta R.T. -0.000 min  
 Lab File: VY008973.D  
 Acq: 22 May 2022 01:54

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 P030-SS003-0006-01

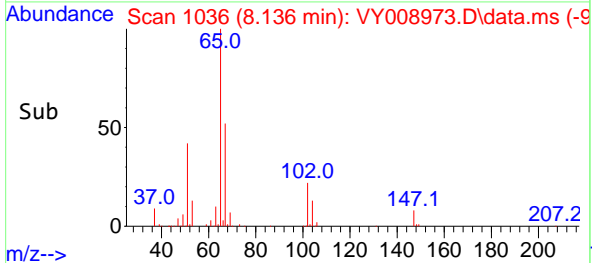
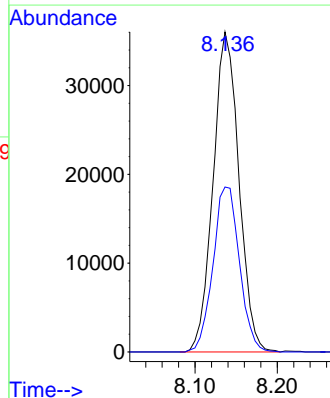
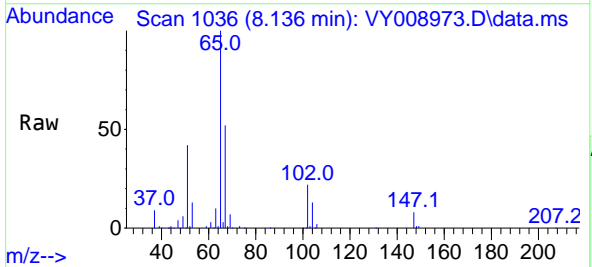


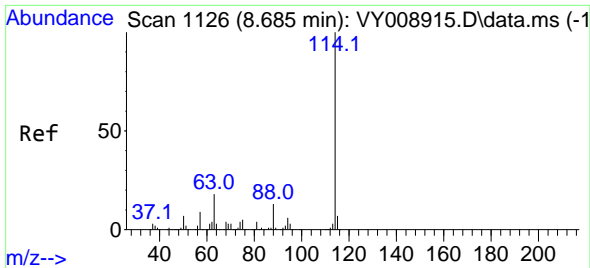
Tgt Ion:168 Resp: 118590  
 Ion Ratio Lower Upper  
 168 100  
 99 51.1 46.9 70.3



#33  
 1,2-Dichloroethane-d4  
 Concen: 64.362 ug/l  
 RT: 8.136 min Scan# 1036  
 Delta R.T. -0.007 min  
 Lab File: VY008973.D  
 Acq: 22 May 2022 01:54

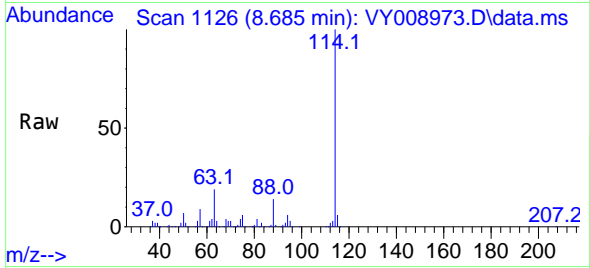
Tgt Ion: 65 Resp: 78554  
 Ion Ratio Lower Upper  
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 67 52.9 0.0 99.4





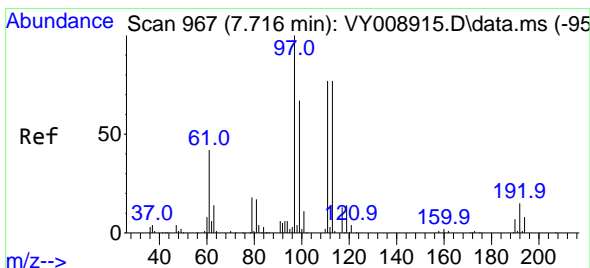
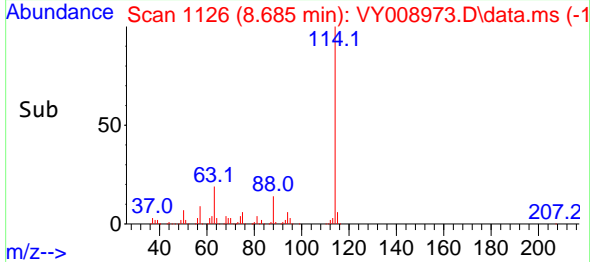
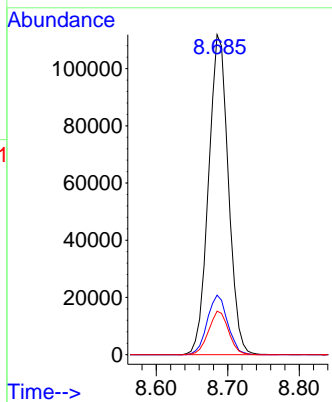
#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.685 min Scan# 1126  
 Delta R.T. 0.000 min  
 Lab File: VY008973.D  
 Acq: 22 May 2022 01:54

Instrument : MSVOA\_Y  
 ClientSampleId : P030-SS003-0006-01



Tgt Ion:114 Resp: 215187

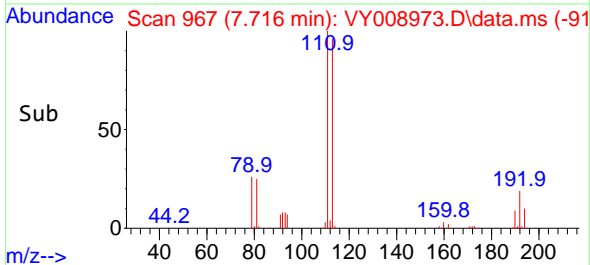
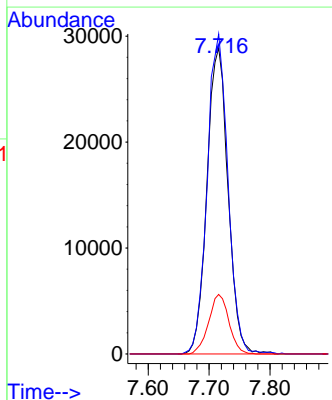
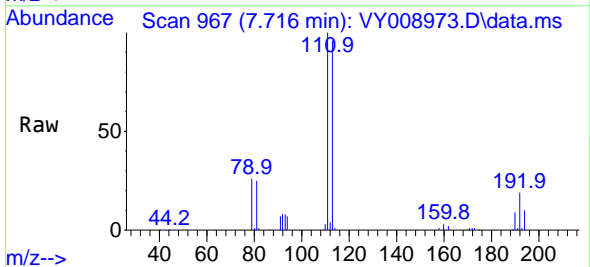
Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	43.2
88	13.6	0.0	31.8

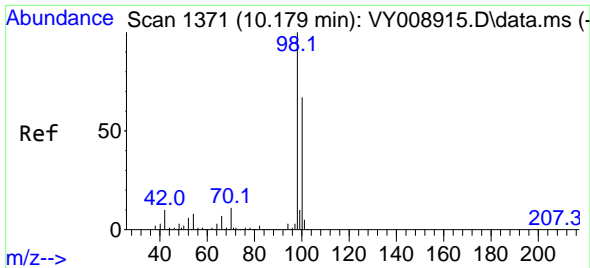


#35  
 Dibromofluoromethane  
 Concen: 51.801 ug/l  
 RT: 7.716 min Scan# 967  
 Delta R.T. -0.000 min  
 Lab File: VY008973.D  
 Acq: 22 May 2022 01:54

Tgt Ion:113 Resp: 69316

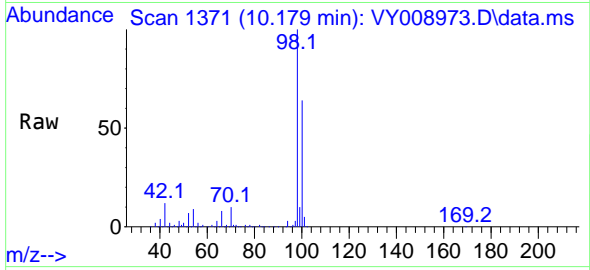
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.6	124.0
192	18.8	17.6	26.4



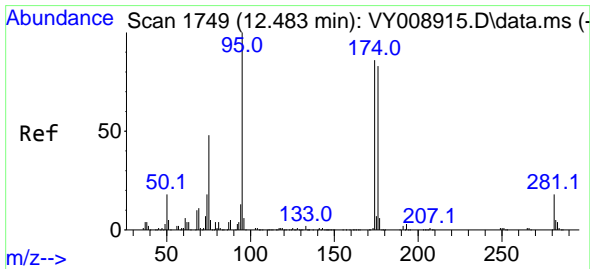
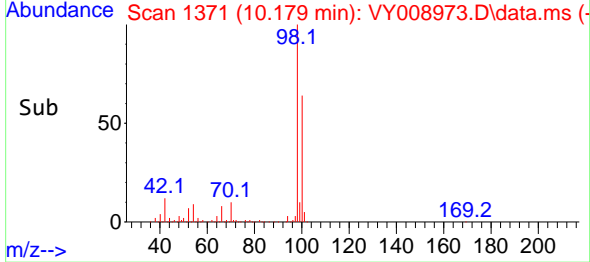
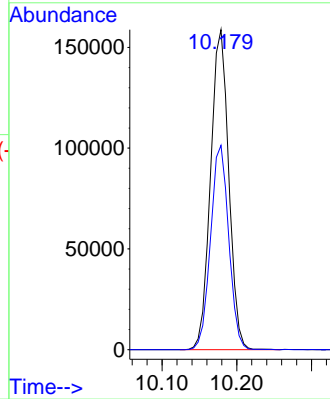


#50  
 Toluene-d8  
 Concen: 54.368 ug/l  
 RT: 10.179 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VY008973.D  
 Acq: 22 May 2022 01:54

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 P030-SS003-0006-01

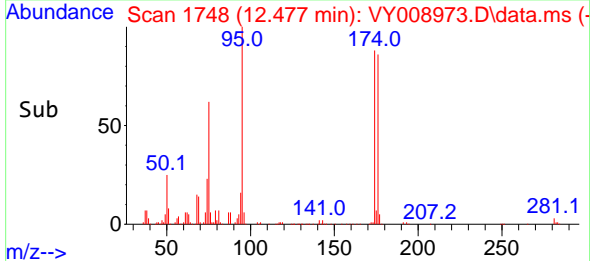
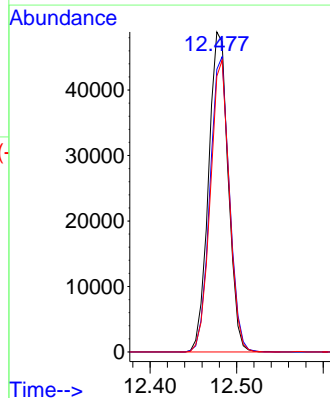
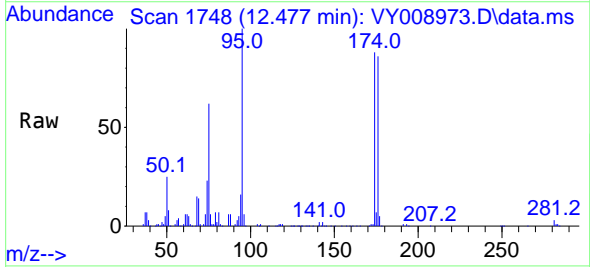


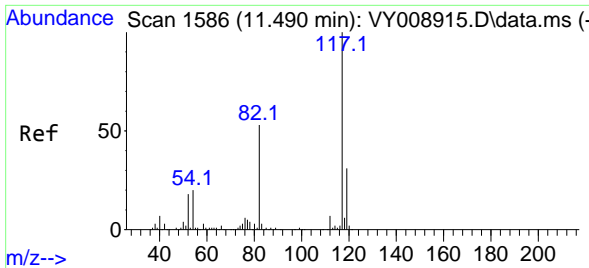
Tgt Ion: 98 Resp: 268391  
 Ion Ratio Lower Upper  
 98 100  
 100 64.0 50.2 75.2



#62  
 4-Bromofluorobenzene  
 Concen: 38.666 ug/l  
 RT: 12.477 min Scan# 1748  
 Delta R.T. -0.006 min  
 Lab File: VY008973.D  
 Acq: 22 May 2022 01:54

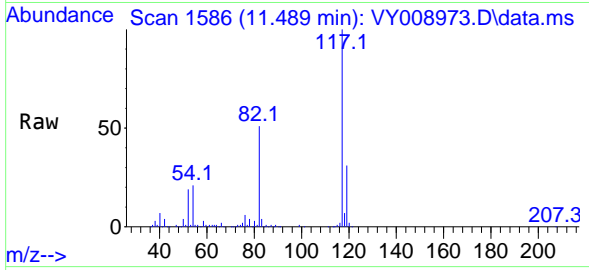
Tgt Ion: 95 Resp: 76998  
 Ion Ratio Lower Upper  
 95 100  
 174 91.3 0.0 177.0  
 176 87.9 0.0 175.8





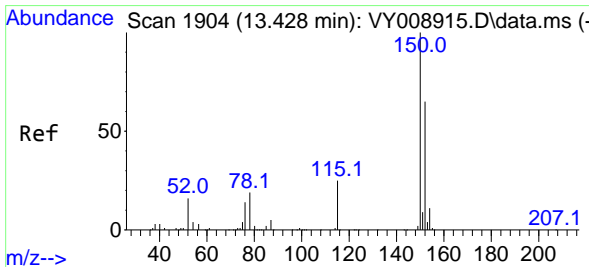
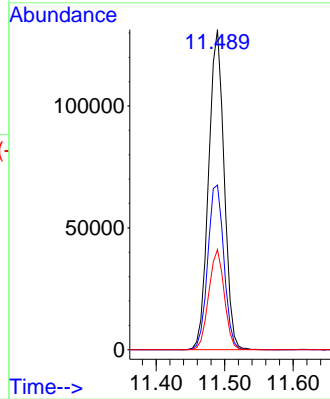
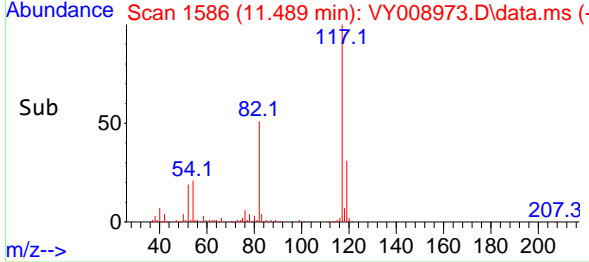
#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.489 min Scan# 111  
 Delta R.T. -0.001 min  
 Lab File: VY008973.D  
 Acq: 22 May 2022 01:54

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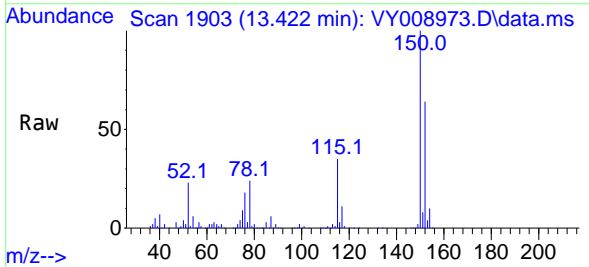


Tgt Ion:117 Resp: 206903

Ion	Ratio	Lower	Upper
117	100		
82	51.4	43.0	64.4
119	31.3	25.4	38.0



#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.422 min Scan# 1903  
 Delta R.T. -0.006 min  
 Lab File: VY008973.D  
 Acq: 22 May 2022 01:54



Tgt Ion:152 Resp: 88198

Ion	Ratio	Lower	Upper
152	100		
115	56.5	28.2	84.7
150	156.4	0.0	347.6

