

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013023\
 Data File : VY012392.D
 Acq On : 30 Jan 2023 13:04
 Operator : KP/MD
 Sample : 01356-01
 Misc : 5.84g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-J

Quant Time: Jan 31 01:47:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	3604	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	5554	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	4805	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1647	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	2031	69.523	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.040%	
35) Dibromofluoromethane	7.722	113	682	23.191	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 46.380%#	
50) Toluene-d8	10.179	98	6206	61.940	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 123.880%	
62) 4-Bromofluorobenzene	12.483	95	1620	39.077	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 78.160%	

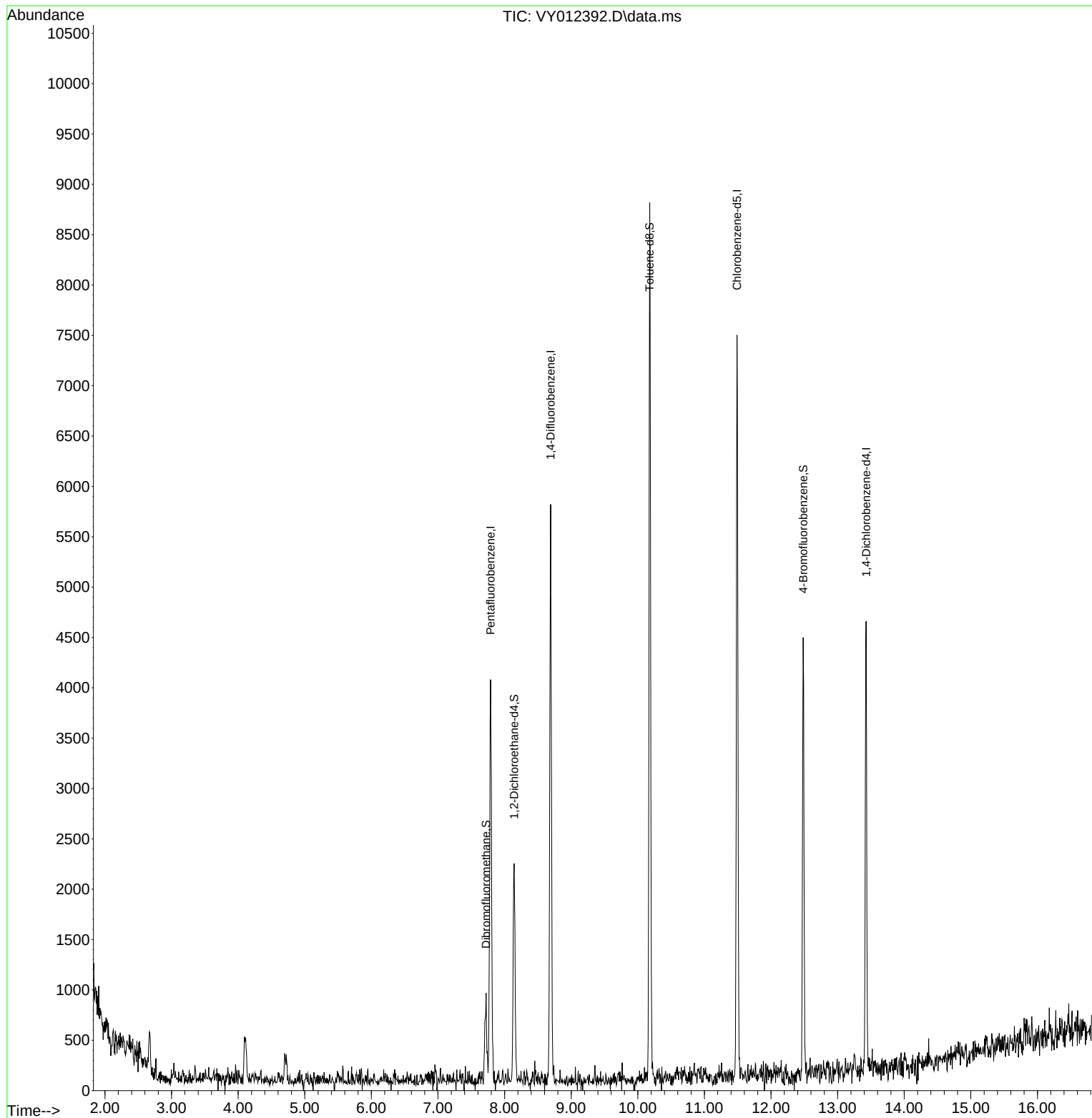
Target Compounds	Qvalue

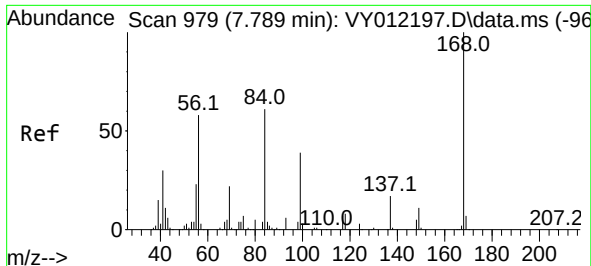
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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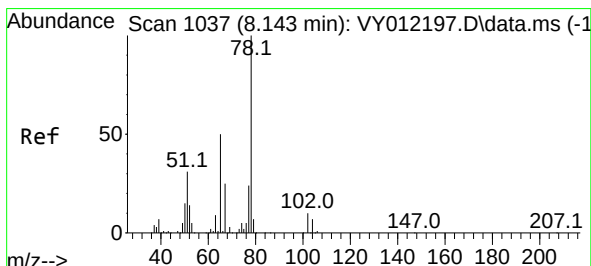
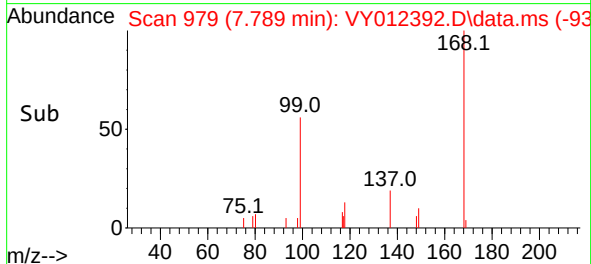
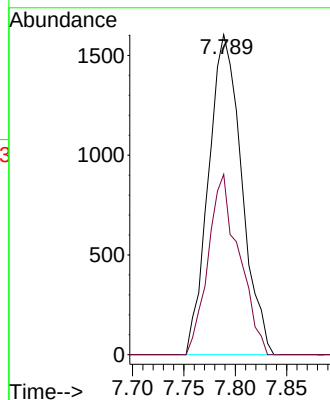
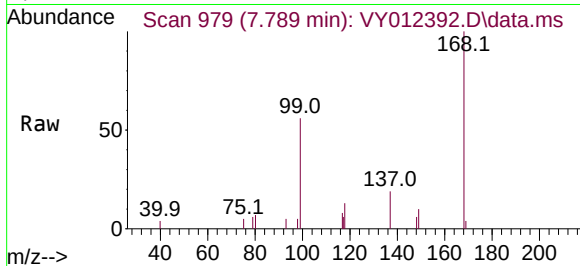




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012392.D
Acq: 30 Jan 2023 13:04

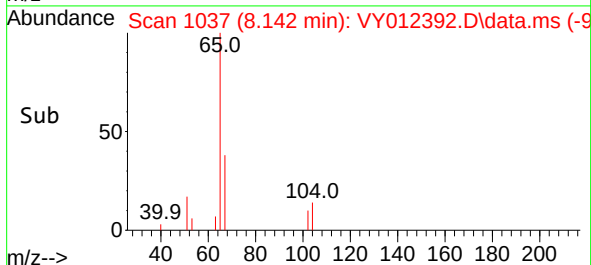
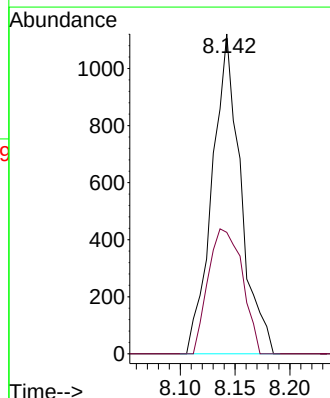
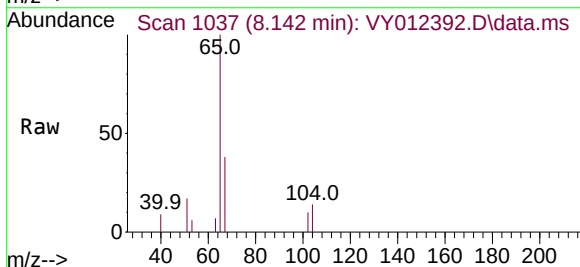
Instrument :
MSVOA_Y
ClientSampleId :
TP-J

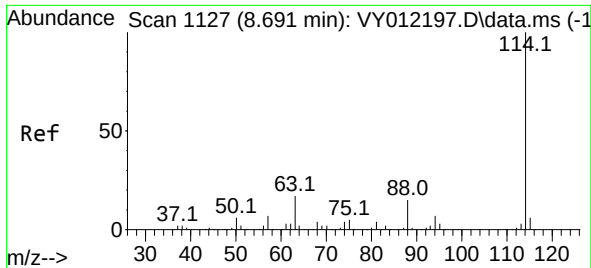
Tgt Ion:168 Resp: 3604
Ion Ratio Lower Upper
168 100
99 56.4 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 69.523 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012392.D
Acq: 30 Jan 2023 13:04

Tgt Ion: 65 Resp: 2031
Ion Ratio Lower Upper
65 100
67 46.6 0.0 103.2

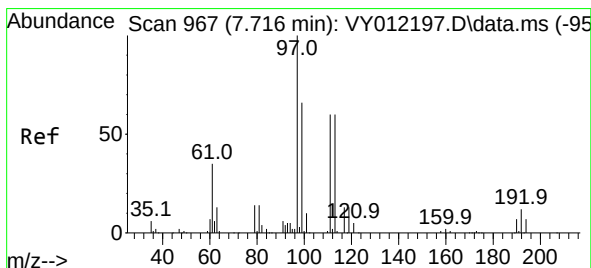
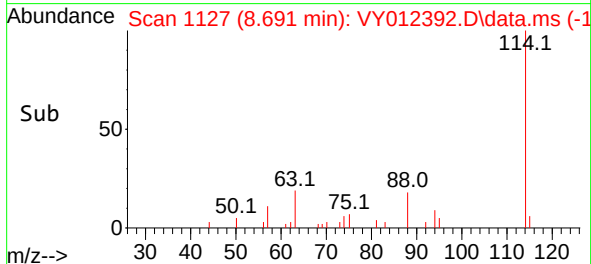
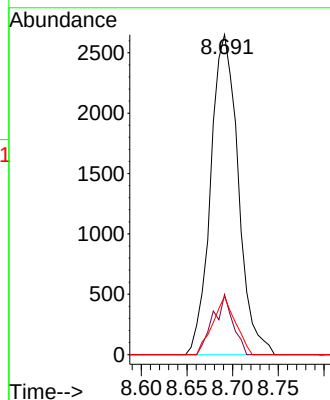
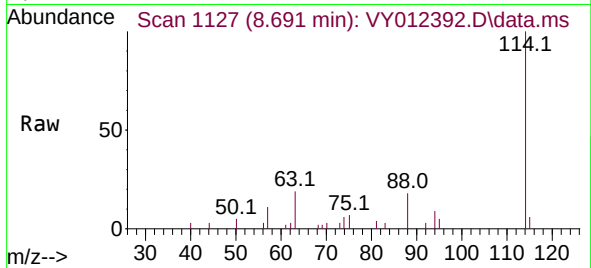




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012392.D
Acq: 30 Jan 2023 13:04

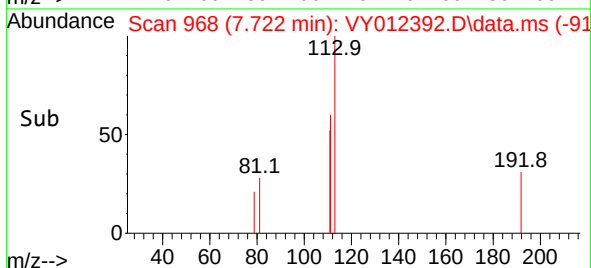
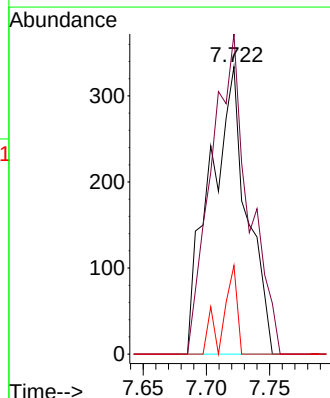
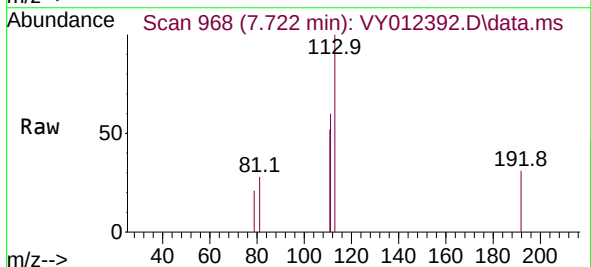
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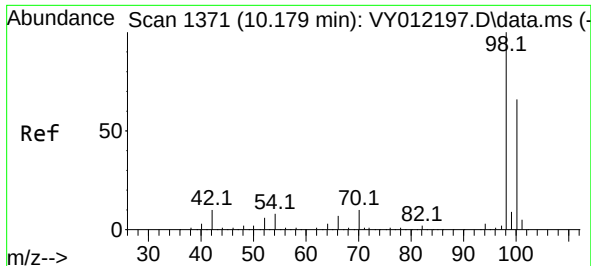
Tgt Ion:	114	Resp:	5554
Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	39.6
88	18.1	0.0	32.2



#35
Dibromofluoromethane
Concen: 23.191 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY012392.D
Acq: 30 Jan 2023 13:04

Tgt Ion:	113	Resp:	682
Ion	Ratio	Lower	Upper
113	100		
111	111.9	83.0	124.4
192	11.7	16.0	24.0

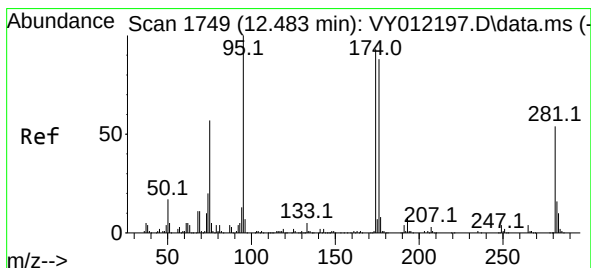
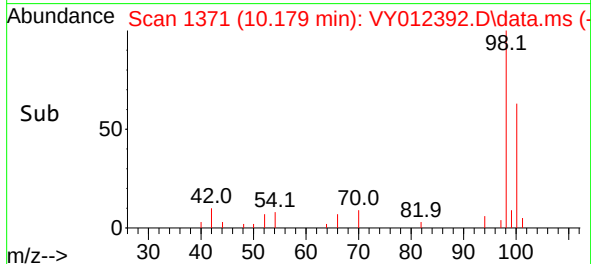
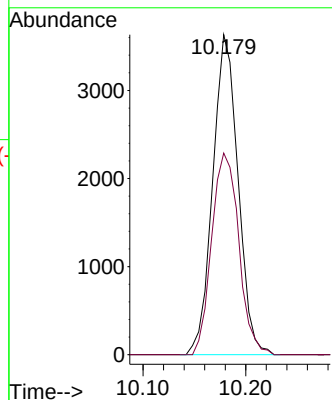
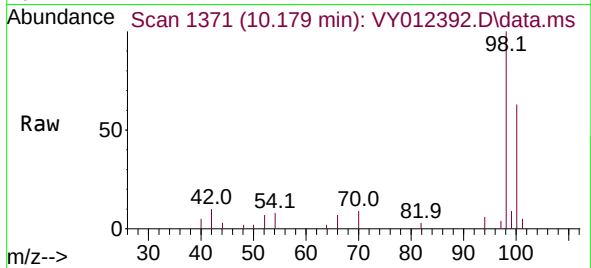




#50
Toluene-d8
Concen: 61.940 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012392.D
Acq: 30 Jan 2023 13:04

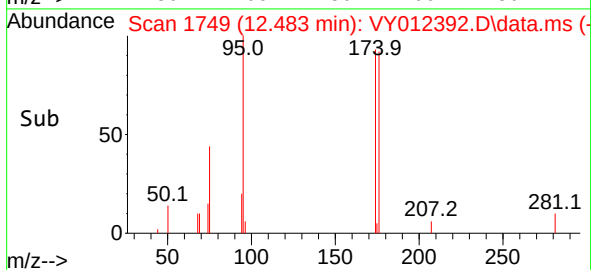
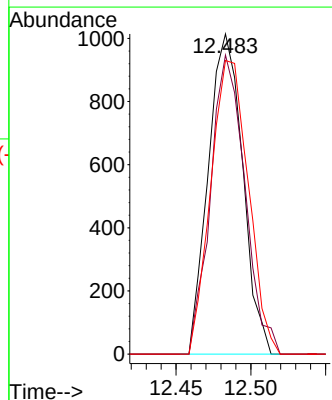
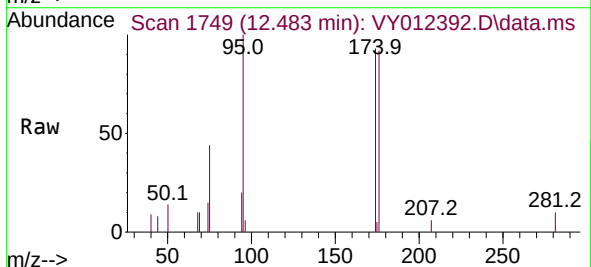
Instrument :
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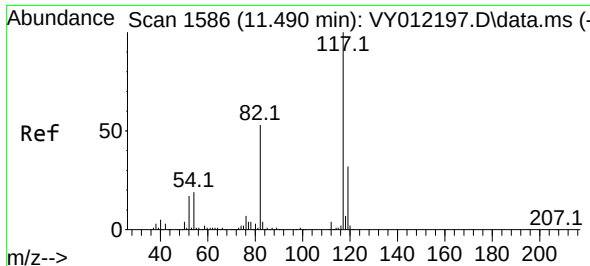
Tgt Ion: 98 Resp: 6206
Ion Ratio Lower Upper
98 100
100 67.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 39.077 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012392.D
Acq: 30 Jan 2023 13:04

Tgt Ion: 95 Resp: 1620
Ion Ratio Lower Upper
95 100
174 93.3 0.0 172.0
176 100.1 0.0 167.6

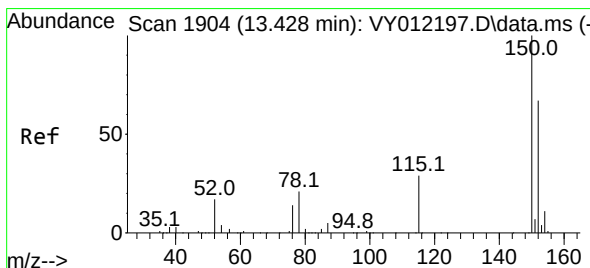
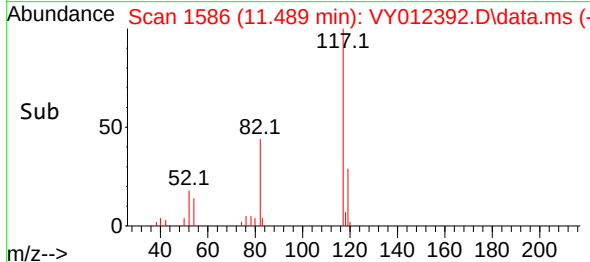
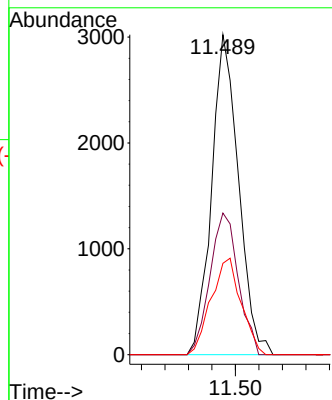
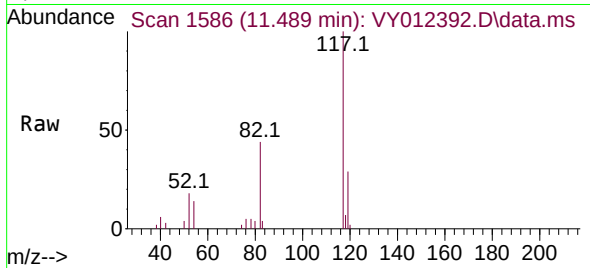




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY012392.D
Acq: 30 Jan 2023 13:04

Instrument :
MSVOA_Y
ClientSampleId :
TP-J

Tgt Ion:117 Resp: 4805
Ion Ratio Lower Upper
117 100
82 44.2 44.8 67.2#
119 28.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012392.D
Acq: 30 Jan 2023 13:04

Tgt Ion:152 Resp: 1647
Ion Ratio Lower Upper
152 100
115 46.1 29.1 87.3
150 138.9 0.0 342.6

