

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030323\
 Data File : VY012790.D
 Acq On : 03 Mar 2023 12:38
 Operator : KP/MD
 Sample : 01736-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5RE

Quant Time: Mar 03 14:37:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	10429	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	17199	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	15861	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	5880	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	8579	82.852	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	165.700%#
35) Dibromofluoromethane	7.722	113	7093	68.336	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	136.680%
50) Toluene-d8	10.179	98	19500	51.389	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.780%
62) 4-Bromofluorobenzene	12.483	95	5794	45.239	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.480%

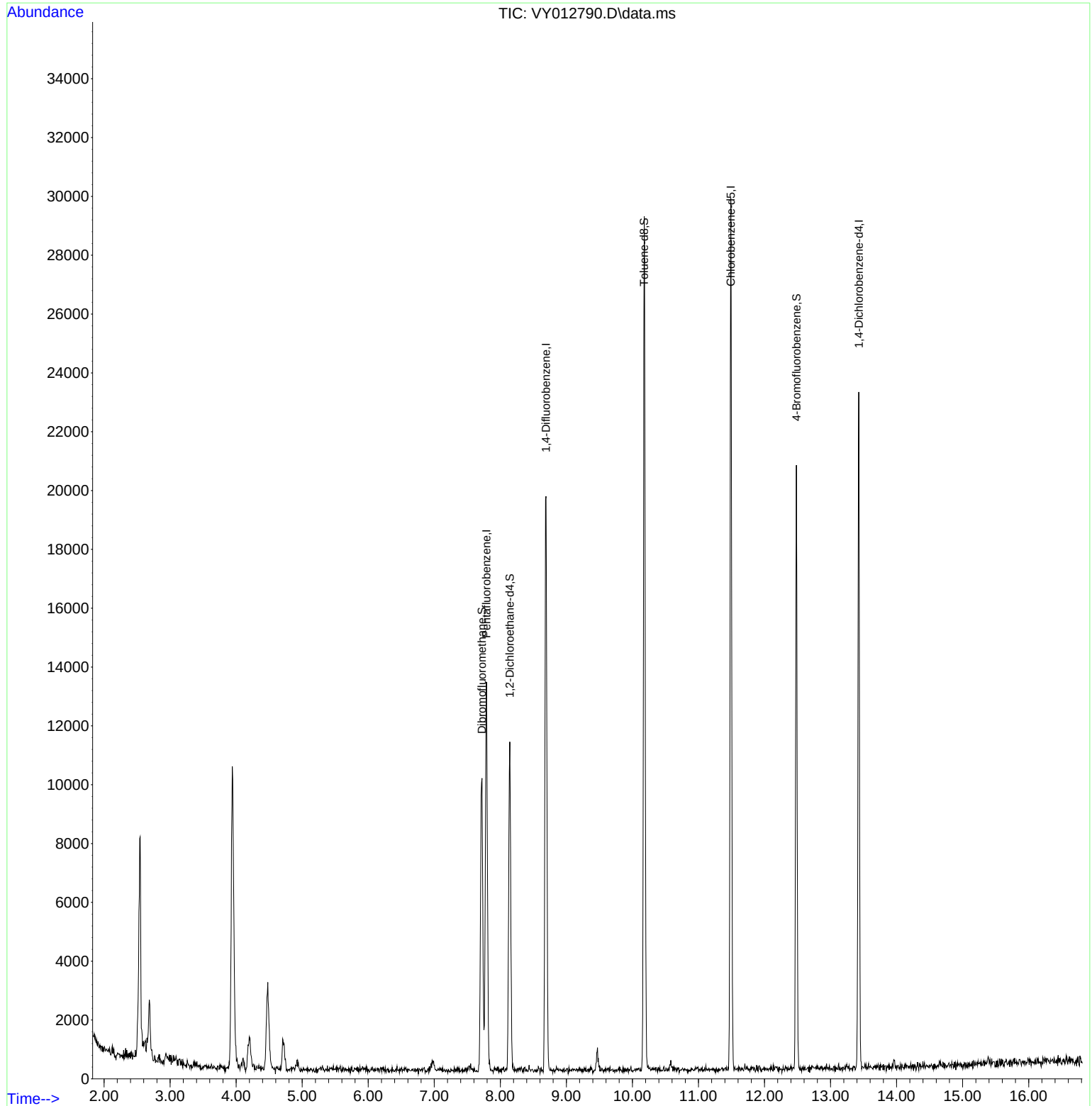
Target Compounds	Qvalue

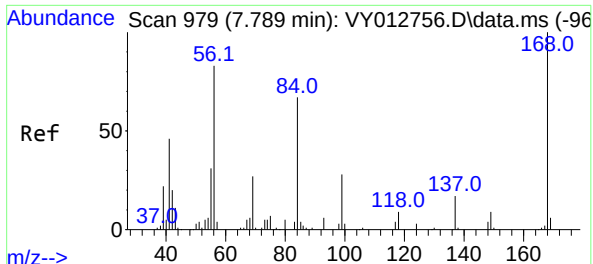
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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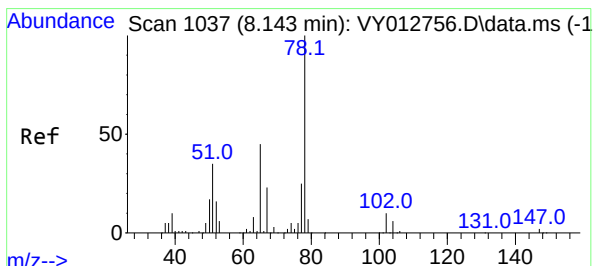
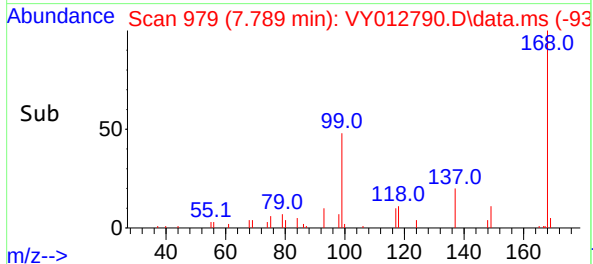
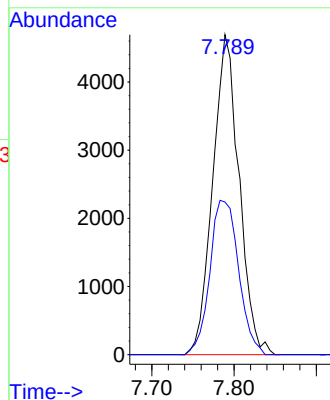
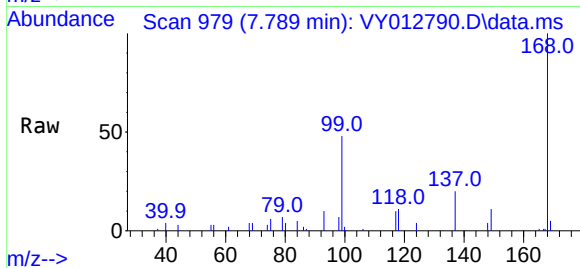




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012790.D
Acq: 03 Mar 2023 12:38

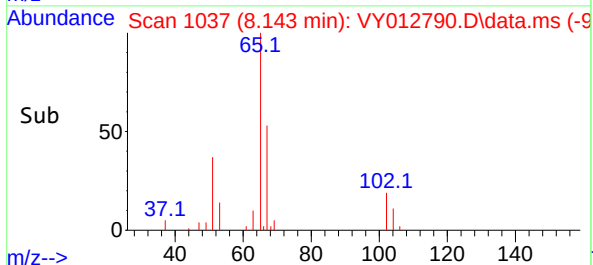
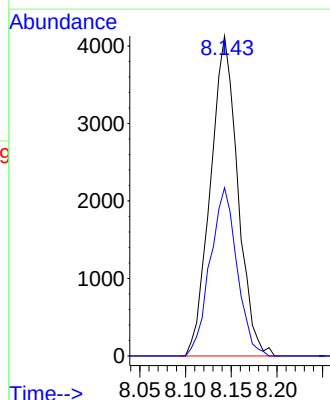
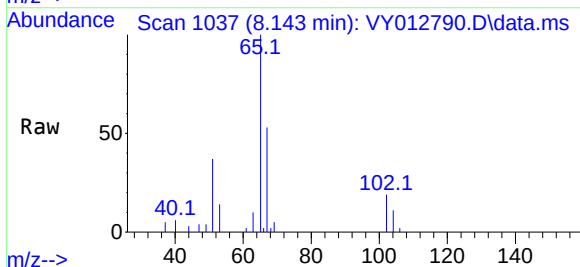
Instrument :
MSVOA_Y
ClientSampleId :
TP-5RE

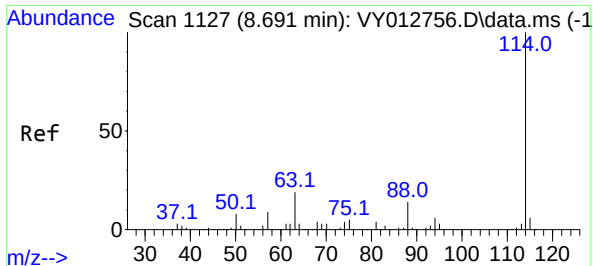
Tgt Ion:168 Resp: 10429
Ion Ratio Lower Upper
168 100
99 47.7 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 82.852 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY012790.D
Acq: 03 Mar 2023 12:38

Tgt Ion: 65 Resp: 8579
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.0



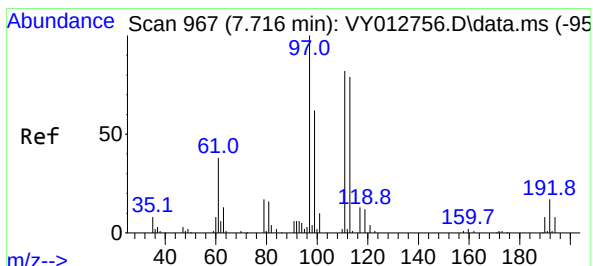
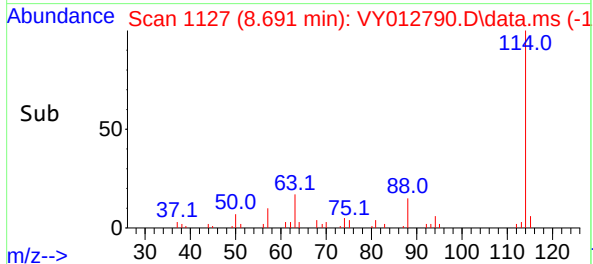
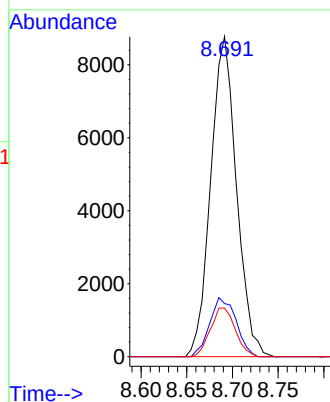
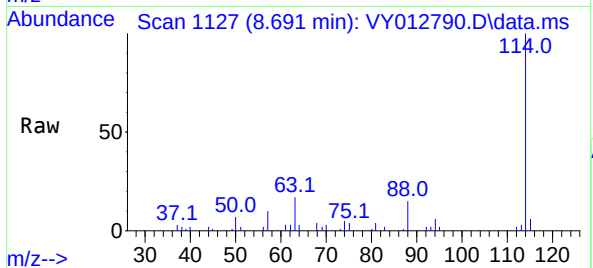


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012790.D
Acq: 03 Mar 2023 12:38

Instrument :
MSVOA_Y
ClientSampleId :
TP-5RE

Tgt Ion:114 Resp: 17199

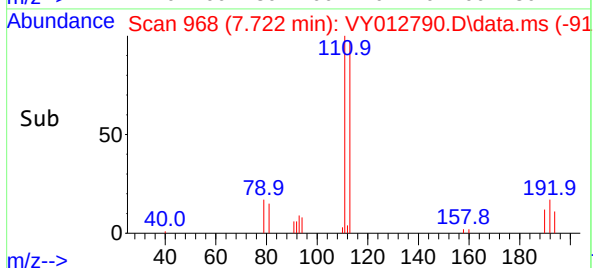
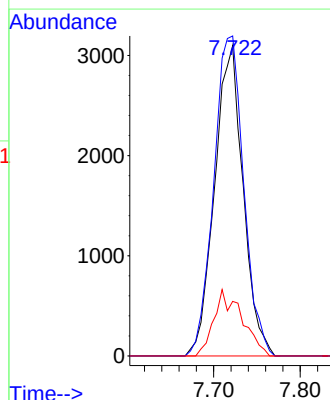
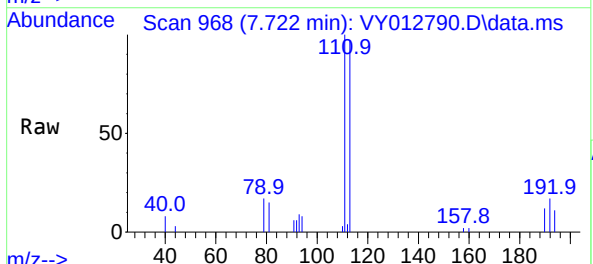
Ion	Ratio	Lower	Upper
114	100		
63	16.6	0.0	37.4
88	15.2	0.0	28.6

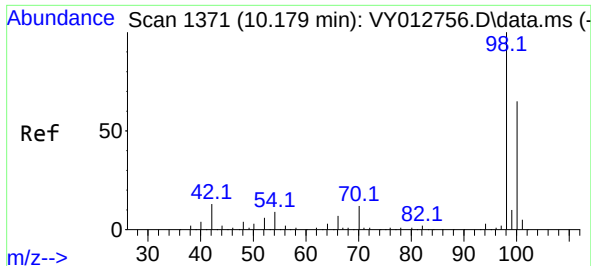


#35
Dibromofluoromethane
Concen: 68.336 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY012790.D
Acq: 03 Mar 2023 12:38

Tgt Ion:113 Resp: 7093

Ion	Ratio	Lower	Upper
113	100		
111	108.2	82.2	123.2
192	21.1	16.8	25.2

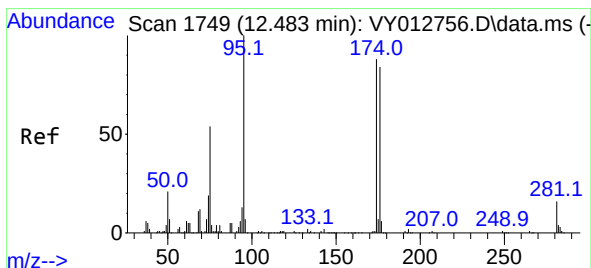
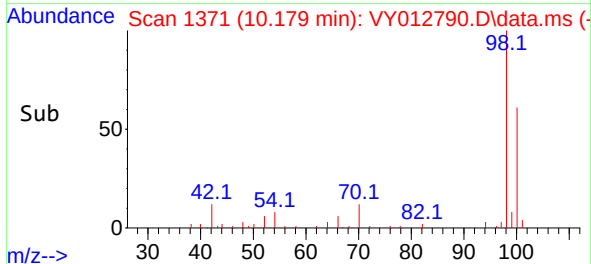
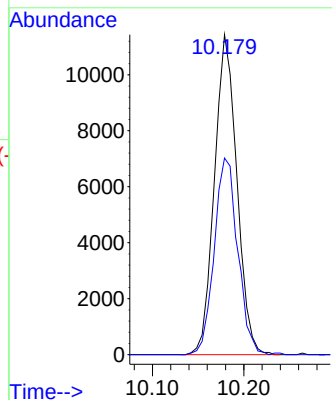
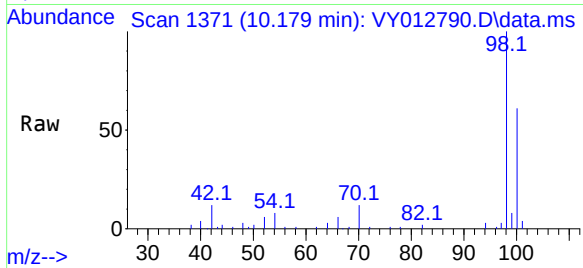




#50
Toluene-d8
Concen: 51.389 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012790.D
Acq: 03 Mar 2023 12:38

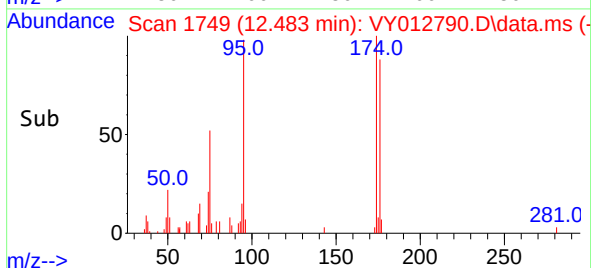
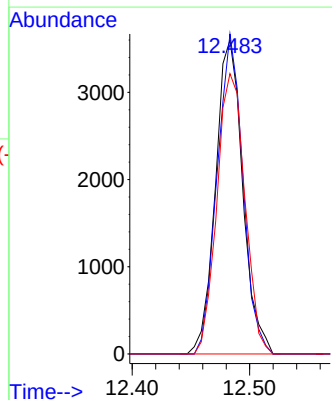
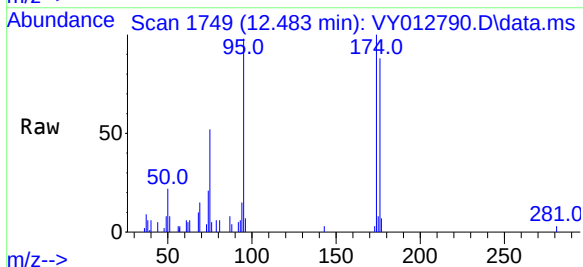
Instrument :
MSVOA_Y
ClientSampleId :
TP-5RE

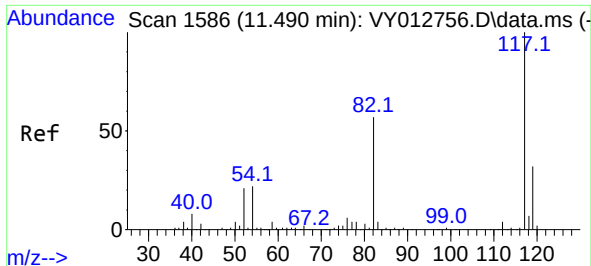
Tgt Ion: 98 Resp: 19500
Ion Ratio Lower Upper
98 100
100 64.2 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 45.239 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012790.D
Acq: 03 Mar 2023 12:38

Tgt Ion: 95 Resp: 5794
Ion Ratio Lower Upper
95 100
174 96.1 0.0 176.6
176 91.5 0.0 170.2

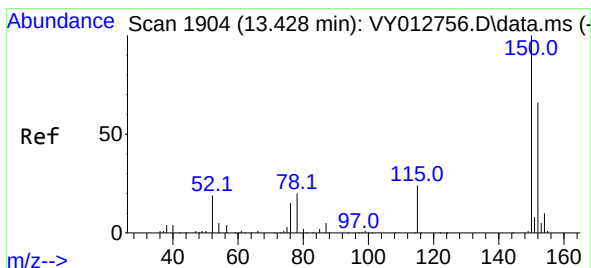
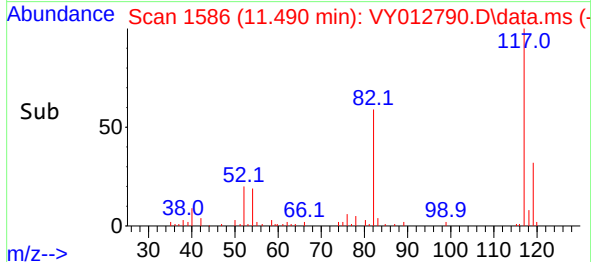
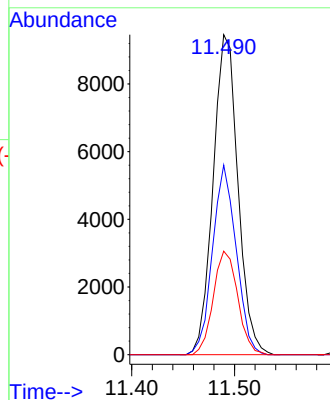
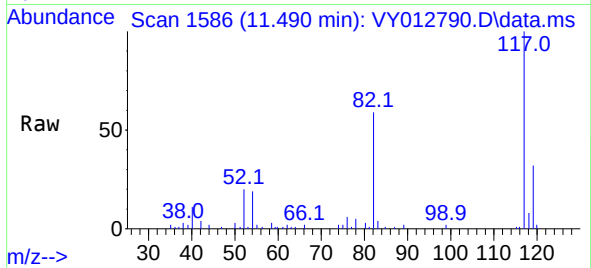




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012790.D
Acq: 03 Mar 2023 12:38

Instrument :
MSVOA_Y
ClientSampleId :
TP-5RE

Tgt Ion:	117	Resp:	15861
Ion	Ratio	Lower	Upper
117	100		
82	59.3	45.4	68.0
119	32.4	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: VY012790.D
Acq: 03 Mar 2023 12:38

Tgt Ion:	152	Resp:	5880
Ion	Ratio	Lower	Upper
152	100		
115	63.8	27.1	81.3
150	156.8	0.0	347.8

