

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082523\
 Data File : VY015339.D
 Acq On : 25 Aug 2023 13:54
 Operator : SY/MD
 Sample : 04091-04
 Misc : 5.84g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-B

Quant Time: Aug 25 15:29:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

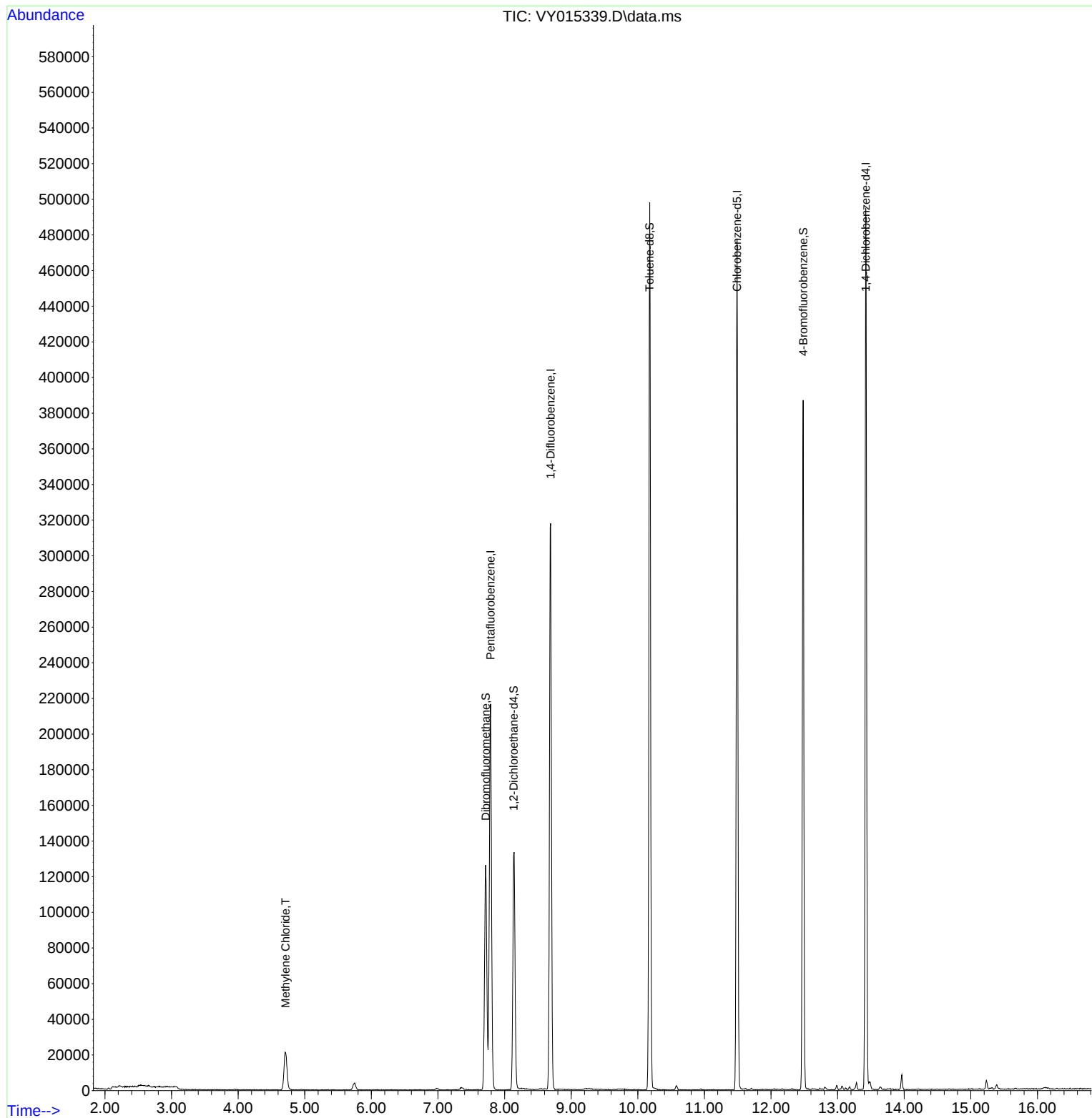
Internal Standards						
1) Pentafluorobenzene	7.789	168	168471	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	279123	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	257637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	126160	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	108245	53.525	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.040%	
35) Dibromofluoromethane	7.716	113	88063	49.041	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.080%	
50) Toluene-d8	10.179	98	325846	48.746	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.500%	
62) 4-Bromofluorobenzene	12.483	95	114413	46.861	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 93.720%	
Target Compounds						
20) Methylene Chloride	4.710	84	17099	7.087	ug/l	Qvalue 86

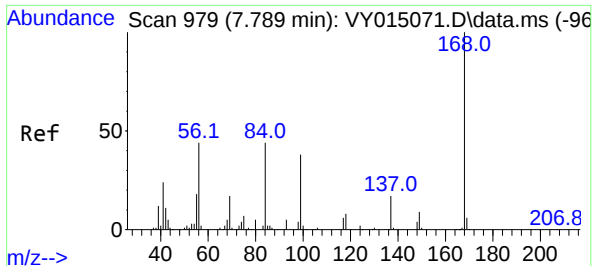
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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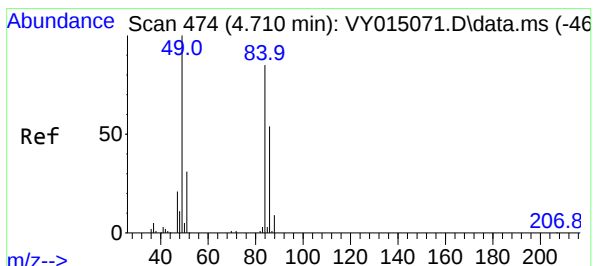
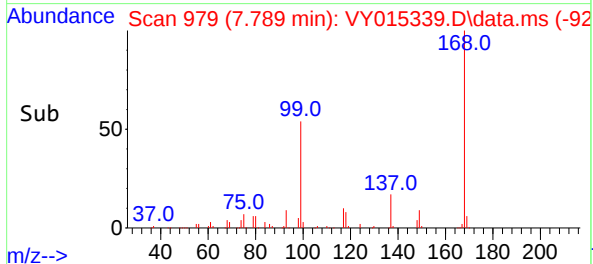
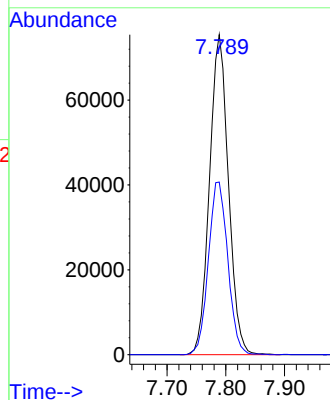
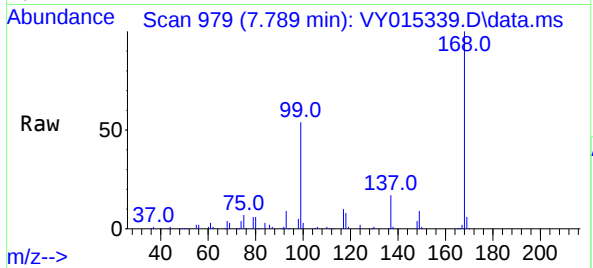




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015339.D
Acq: 25 Aug 2023 13:54

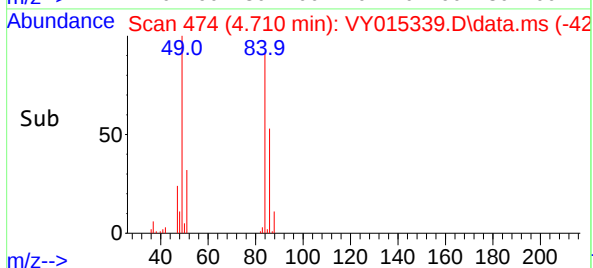
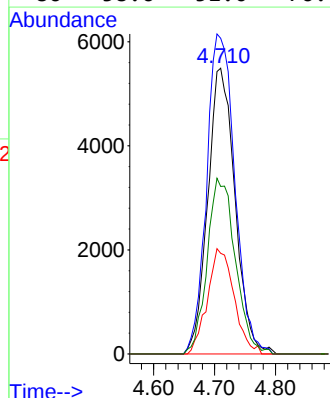
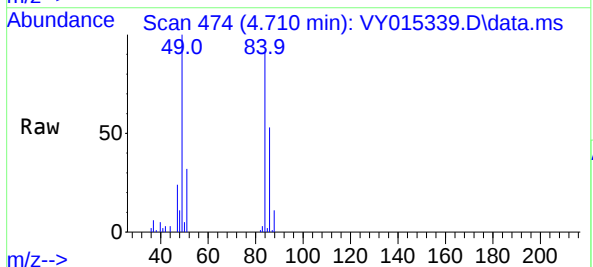
Instrument :
MSVOA_Y
ClientSampleId :
TP-B

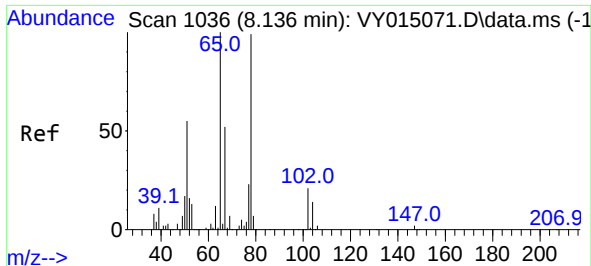
Tgt Ion:168 Resp: 168471
Ion Ratio Lower Upper
168 100
99 54.0 43.4 65.0



#20
Methylene Chloride
Concen: 7.087 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY015339.D
Acq: 25 Aug 2023 13:54

Tgt Ion: 84 Resp: 17099
Ion Ratio Lower Upper
84 100
49 110.5 106.9 160.3
51 35.2 33.2 49.8
86 58.6 51.0 76.6

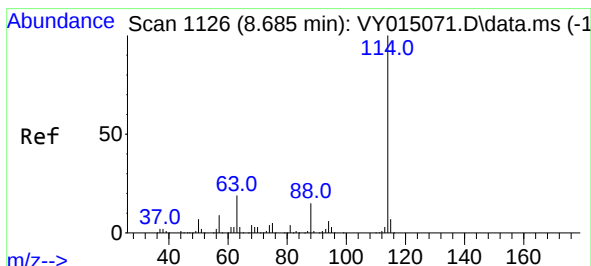
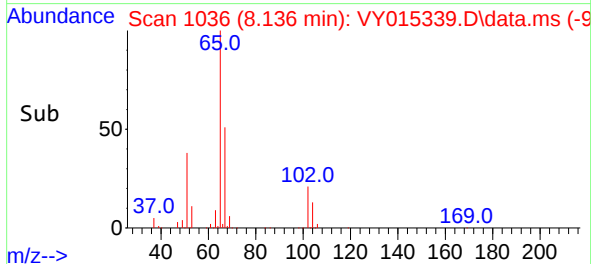
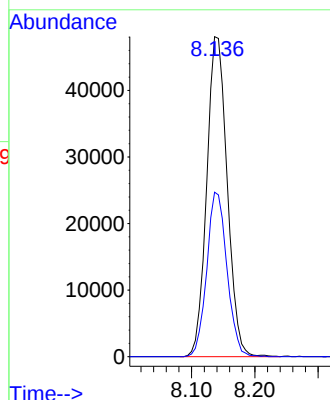
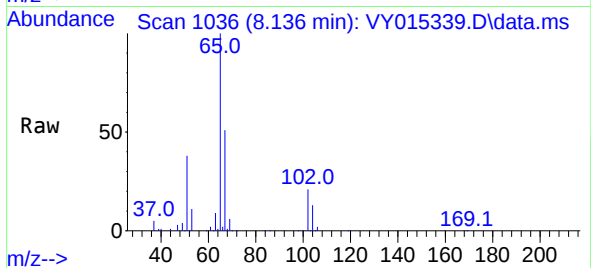




#33
1,2-Dichloroethane-d4
Concen: 53.525 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015339.D
Acq: 25 Aug 2023 13:54

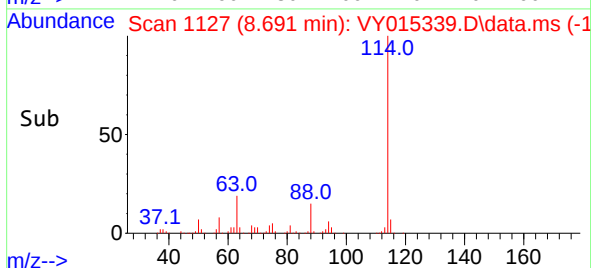
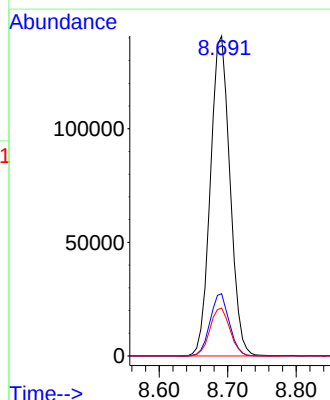
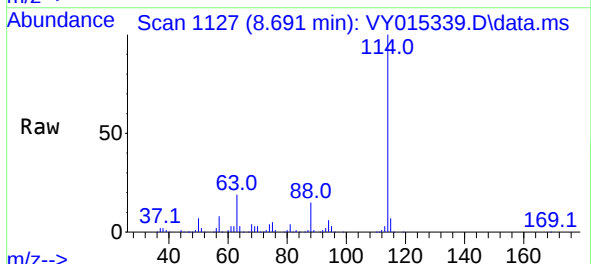
Instrument :
MSVOA_Y
ClientSampleId :
TP-B

Tgt Ion: 65 Resp: 108245
Ion Ratio Lower Upper
65 100
67 50.7 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY015339.D
Acq: 25 Aug 2023 13:54

Tgt Ion: 114 Resp: 279123
Ion Ratio Lower Upper
114 100
63 19.4 0.0 42.4
88 14.9 0.0 30.6

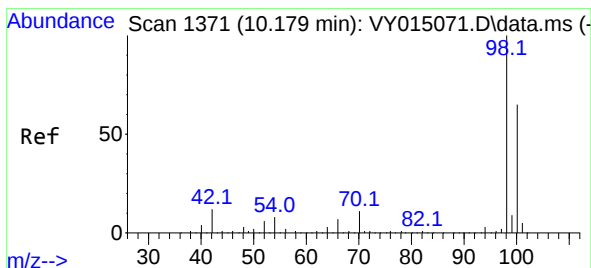
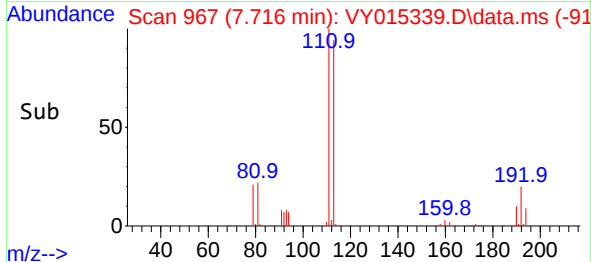
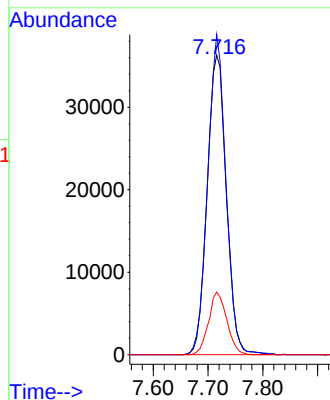
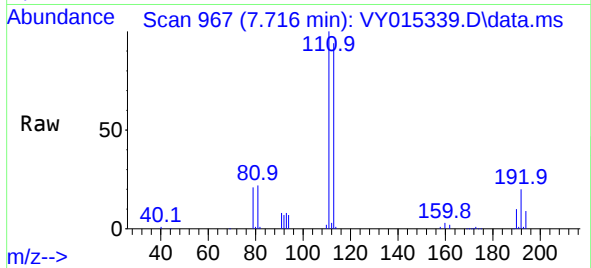




#35
Dibromofluoromethane
Concen: 49.041 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015339.D
Acq: 25 Aug 2023 13:54

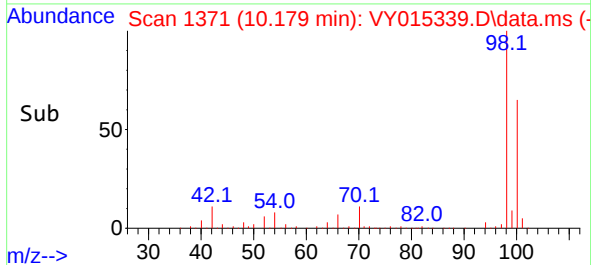
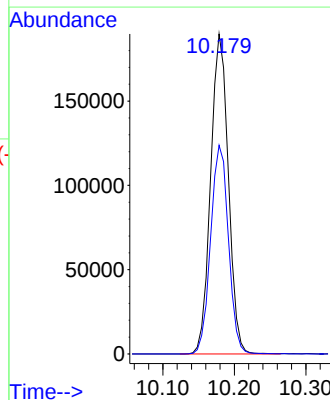
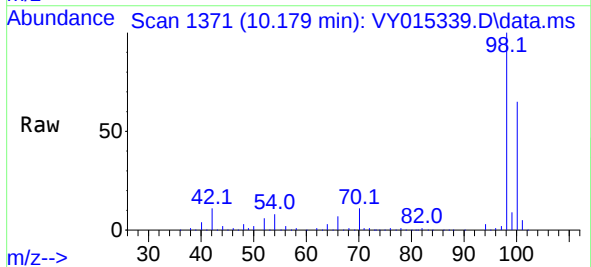
Instrument :
MSVOA_Y
ClientSampleId :
TP-B

Tgt Ion:113 Resp: 88063
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 19.9 16.9 25.3



#50
Toluene-d8
Concen: 48.746 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015339.D
Acq: 25 Aug 2023 13:54

Tgt Ion: 98 Resp: 325846
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1

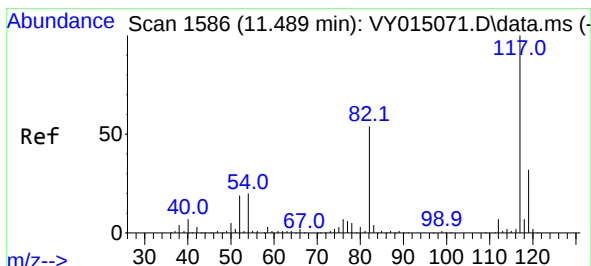
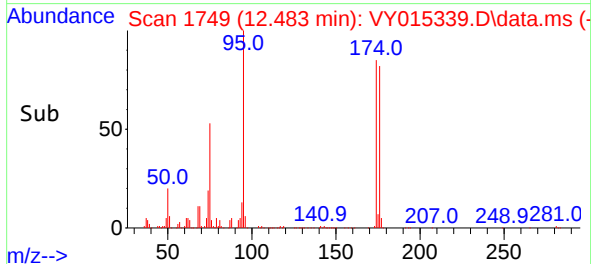
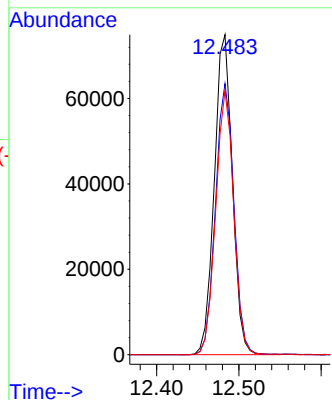
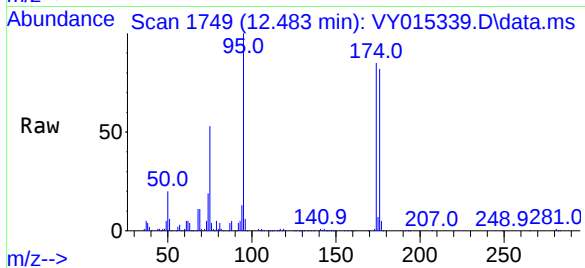




#62
4-Bromofluorobenzene
Concen: 46.861 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015339.D
Acq: 25 Aug 2023 13:54

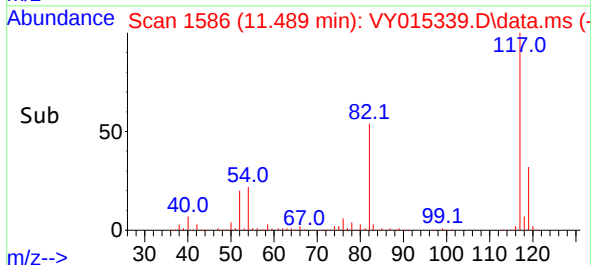
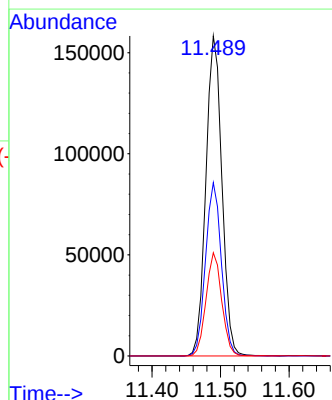
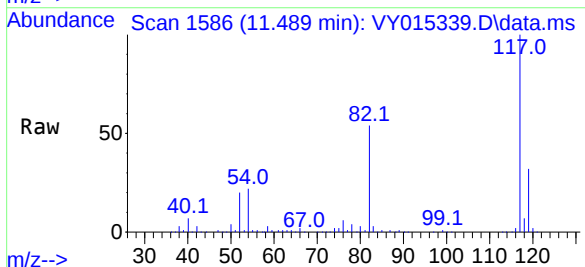
Instrument :
MSVOA_Y
ClientSampleId :
TP-B

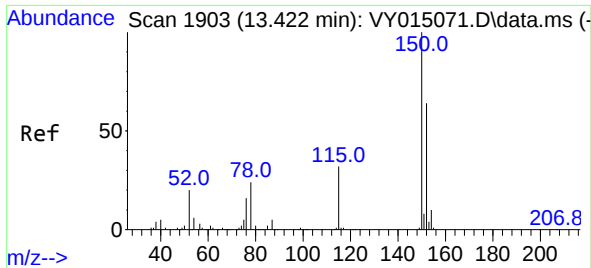
Tgt Ion: 95 Resp: 114413
Ion Ratio Lower Upper
95 100
174 86.6 0.0 178.2
176 82.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015339.D
Acq: 25 Aug 2023 13:54

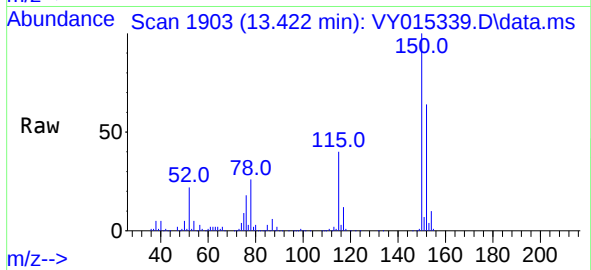
Tgt Ion: 117 Resp: 257637
Ion Ratio Lower Upper
117 100
82 54.2 43.4 65.0
119 32.3 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY015339.D
 Acq: 25 Aug 2023 13:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-B



Tgt Ion:152 Resp: 126160

Ion	Ratio	Lower	Upper
152	100		
115	59.2	28.8	86.5
150	158.1	0.0	348.8

