

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082423\
 Data File : VY015308.D
 Acq On : 24 Aug 2023 13:35
 Operator : SY/MD
 Sample : VY0824SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0824SBL01

Quant Time: Aug 25 03:17:43 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)

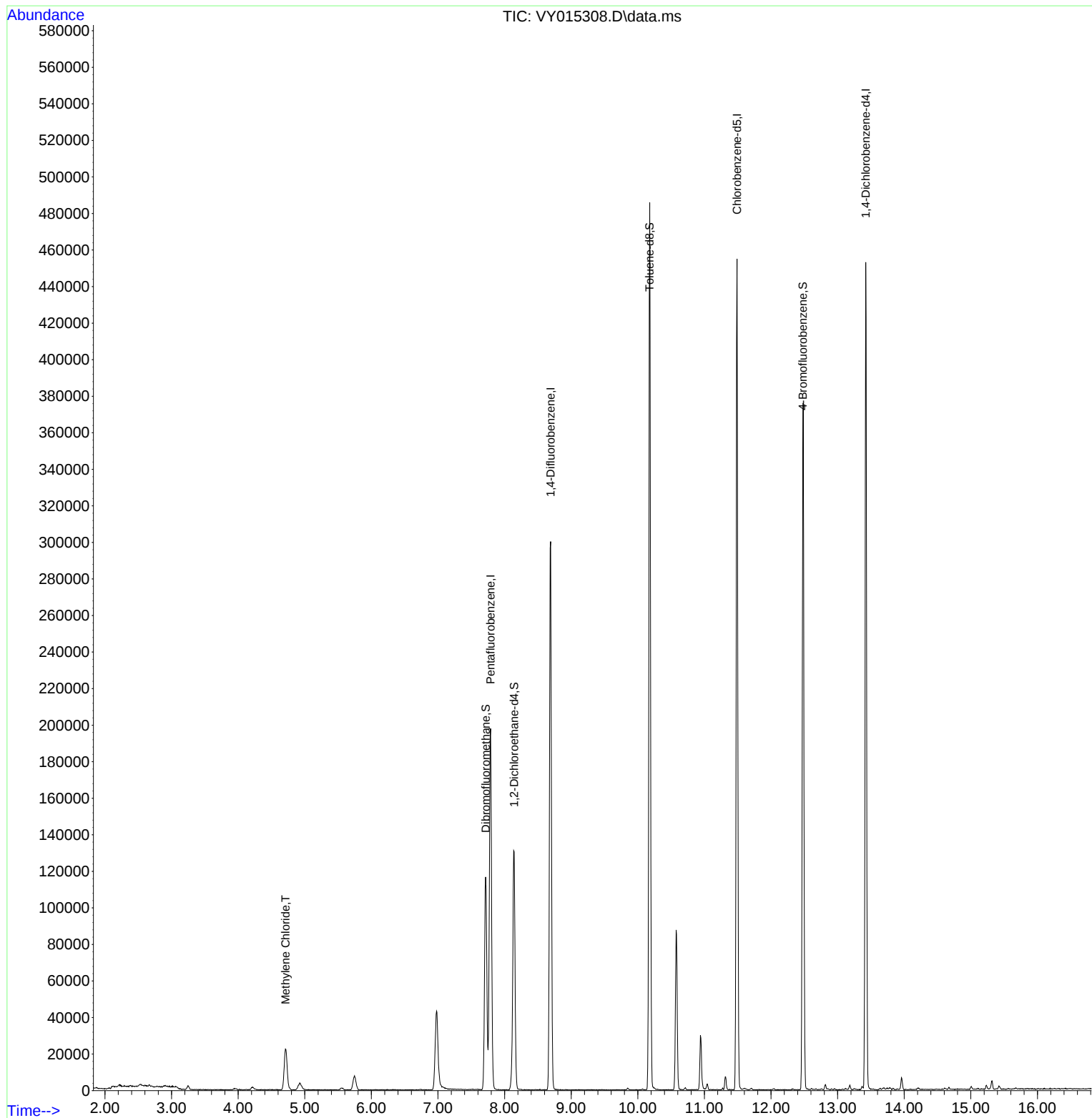
Internal Standards						
1) Pentafluorobenzene	7.789	168	154530	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	262574	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	240924	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	114585	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	101774	54.865	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.740%	
35) Dibromofluoromethane	7.716	113	83373	49.356	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.720%	
50) Toluene-d8	10.179	98	309958	49.291	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.580%	
62) 4-Bromofluorobenzene	12.477	95	105447	45.911	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 91.820%	
Target Compounds						Qvalue
20) Methylene Chloride	4.710	84	17123	8.171	ug/l	92

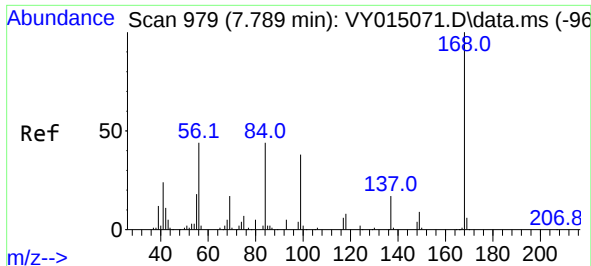
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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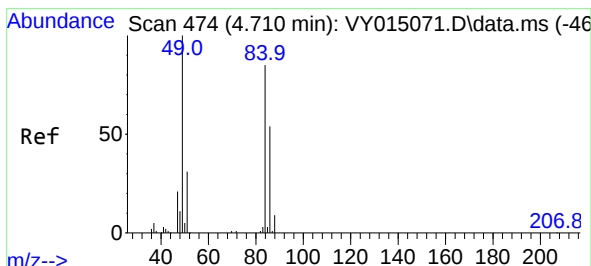
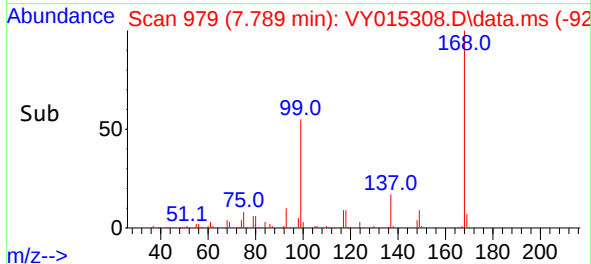
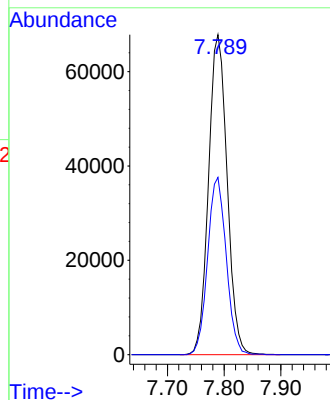
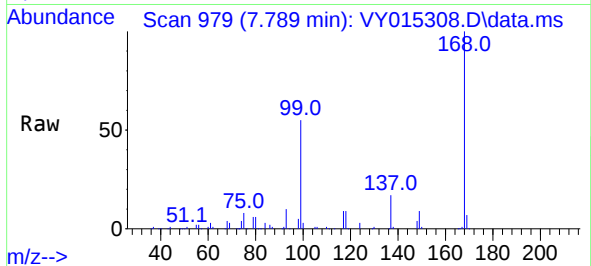




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015308.D
Acq: 24 Aug 2023 13:35

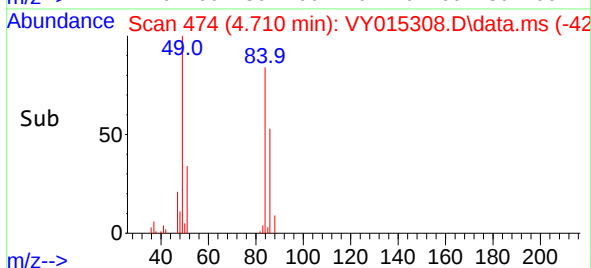
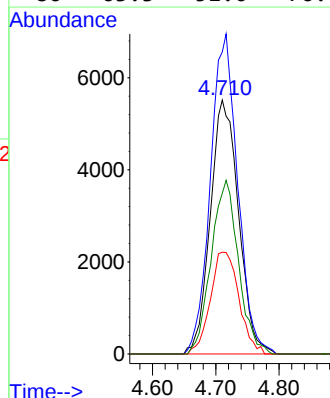
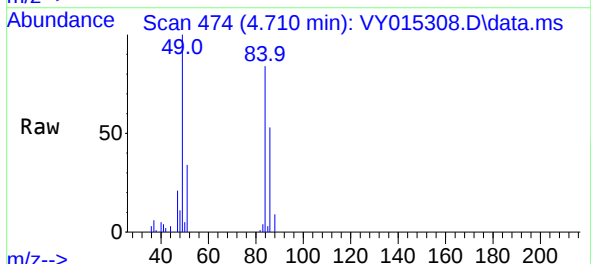
Instrument :
MSVOA_Y
ClientSampleId :
VY0824SBL01

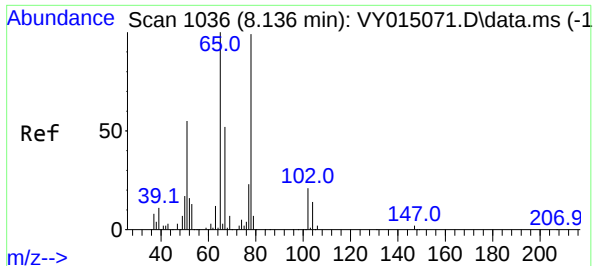
Tgt Ion:168 Resp: 154530
Ion Ratio Lower Upper
168 100
99 55.4 43.4 65.0



#20
Methylene Chloride
Concen: 8.171 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY015308.D
Acq: 24 Aug 2023 13:35

Tgt Ion: 84 Resp: 17123
Ion Ratio Lower Upper
84 100
49 118.9 106.9 160.3
51 40.1 33.2 49.8
86 63.3 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 54.865 ug/l

RT: 8.143 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VY015308.D

Acq: 24 Aug 2023 13:35

Instrument :

MSVOA_Y

ClientSampleId :

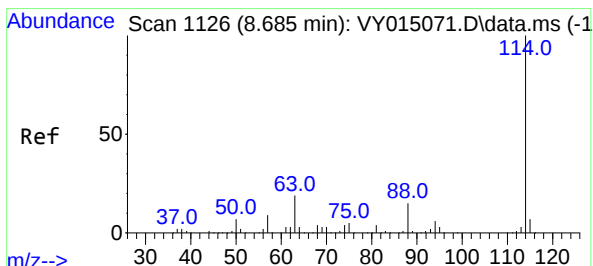
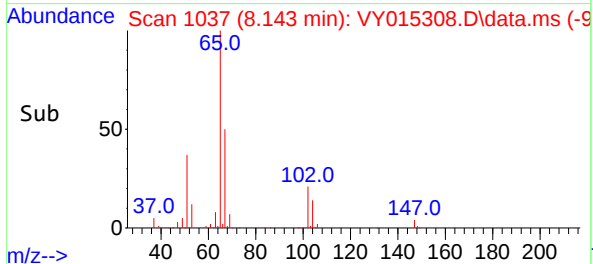
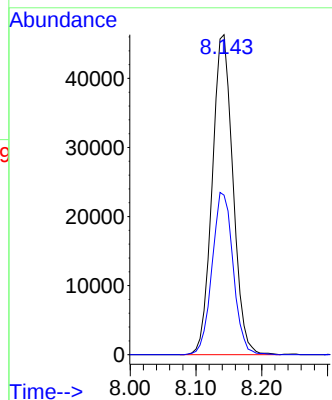
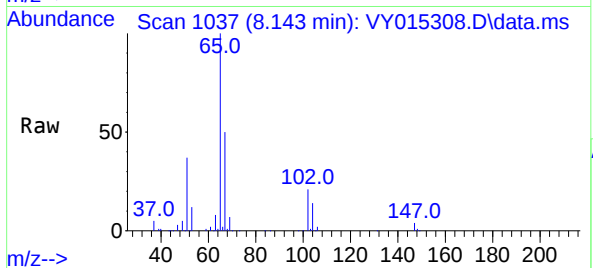
VY0824SBL01

Tgt Ion: 65 Resp: 101774

Ion Ratio Lower Upper

65 100

67 51.5 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: VY015308.D

Acq: 24 Aug 2023 13:35

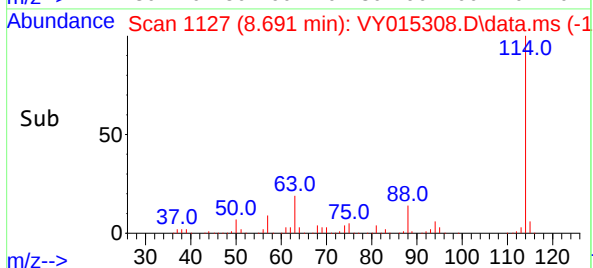
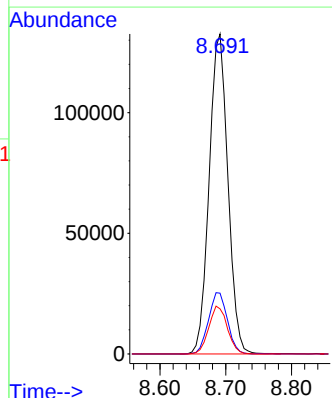
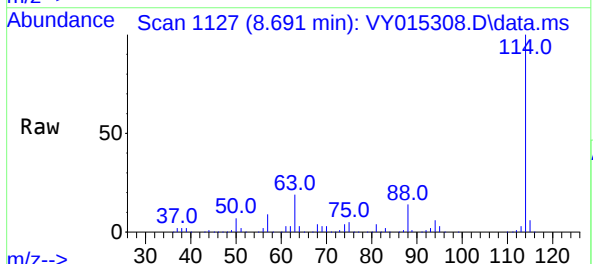
Tgt Ion: 114 Resp: 262574

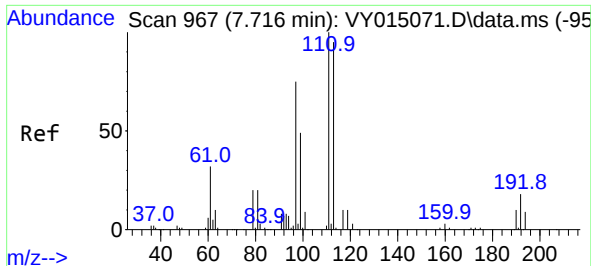
Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

88 14.1 0.0 30.6

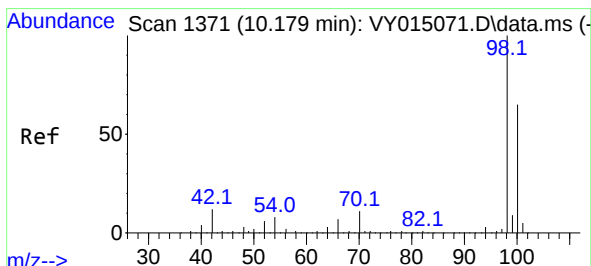
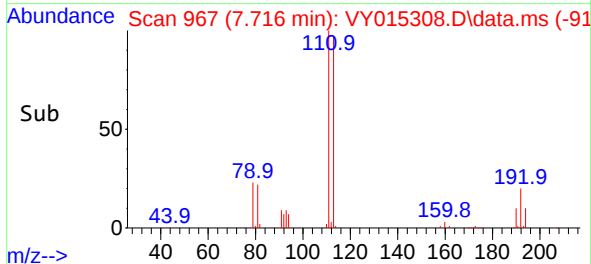
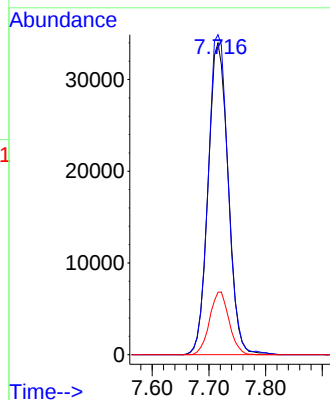
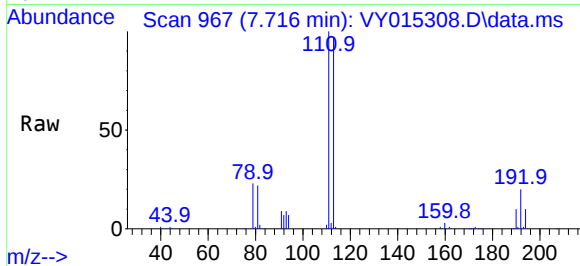




#35
Dibromofluoromethane
Concen: 49.356 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015308.D
Acq: 24 Aug 2023 13:35

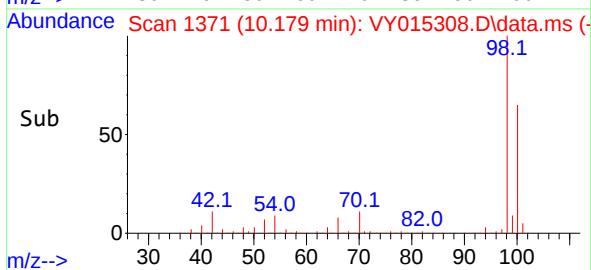
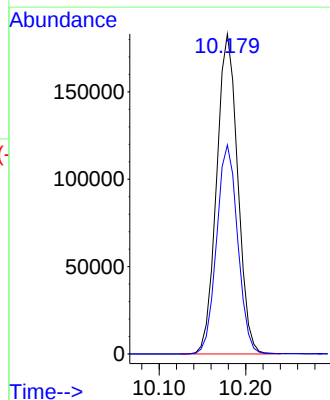
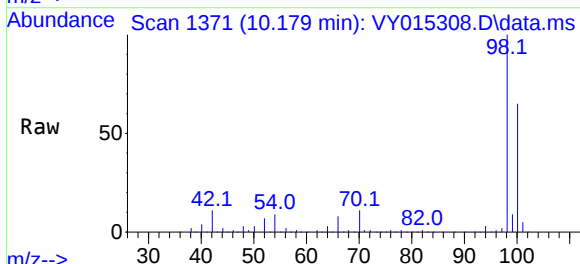
Instrument :
MSVOA_Y
ClientSampleId :
VY0824SBL01

Tgt Ion:113 Resp: 83373
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.6 16.9 25.3



#50
Toluene-d8
Concen: 49.291 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015308.D
Acq: 24 Aug 2023 13:35

Tgt Ion: 98 Resp: 309958
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1

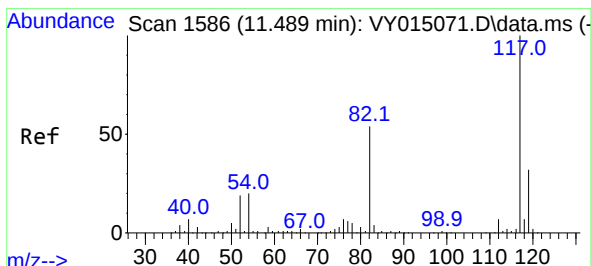
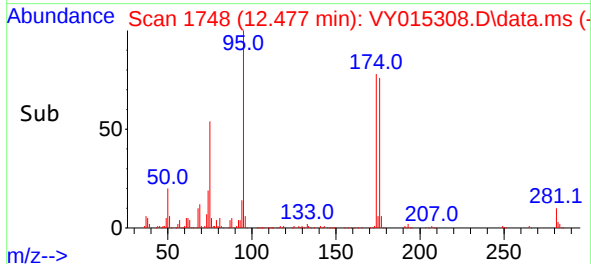
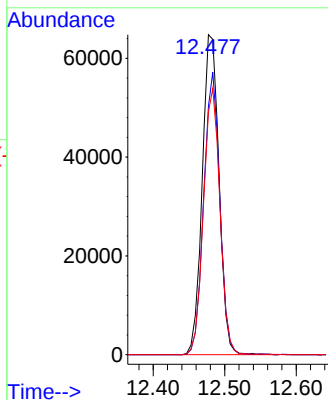
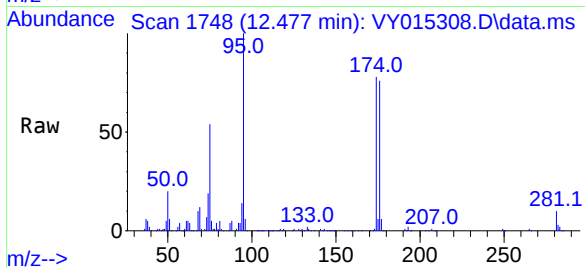




#62
4-Bromofluorobenzene
Concen: 45.911 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015308.D
Acq: 24 Aug 2023 13:35

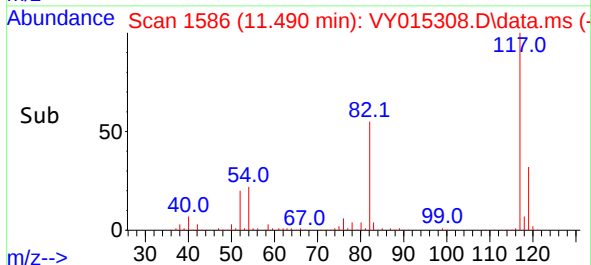
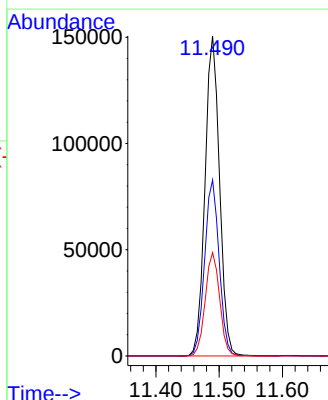
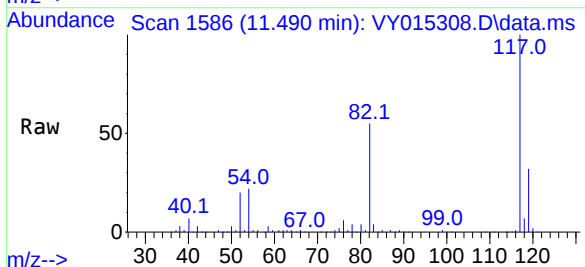
Instrument :
MSVOA_Y
ClientSampleId :
VY0824SBL01

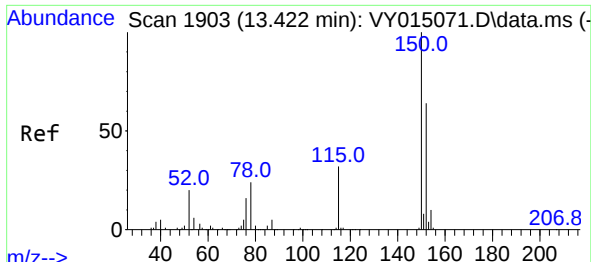
Tgt Ion: 95 Resp: 105447
Ion Ratio Lower Upper
95 100
174 84.5 0.0 178.2
176 81.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015308.D
Acq: 24 Aug 2023 13:35

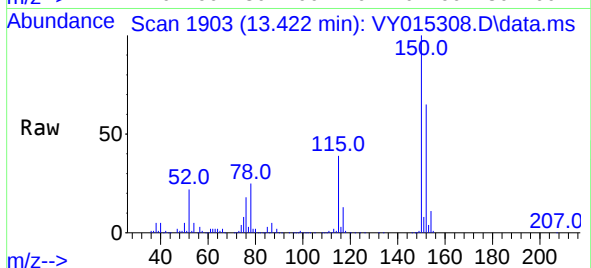
Tgt Ion: 117 Resp: 240924
Ion Ratio Lower Upper
117 100
82 55.0 43.4 65.0
119 32.3 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY015308.D
 Acq: 24 Aug 2023 13:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0824SBL01



Tgt Ion:152 Resp: 114585
 Ion Ratio Lower Upper
 152 100
 115 58.0 28.8 86.5
 150 155.3 0.0 348.8

