

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
 Data File : VY015248.D
 Acq On : 22 Aug 2023 16:38
 Operator : SY/MD
 Sample : 04090-01
 Misc : 3.85g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-I

Quant Time: Aug 23 00:50:26 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)

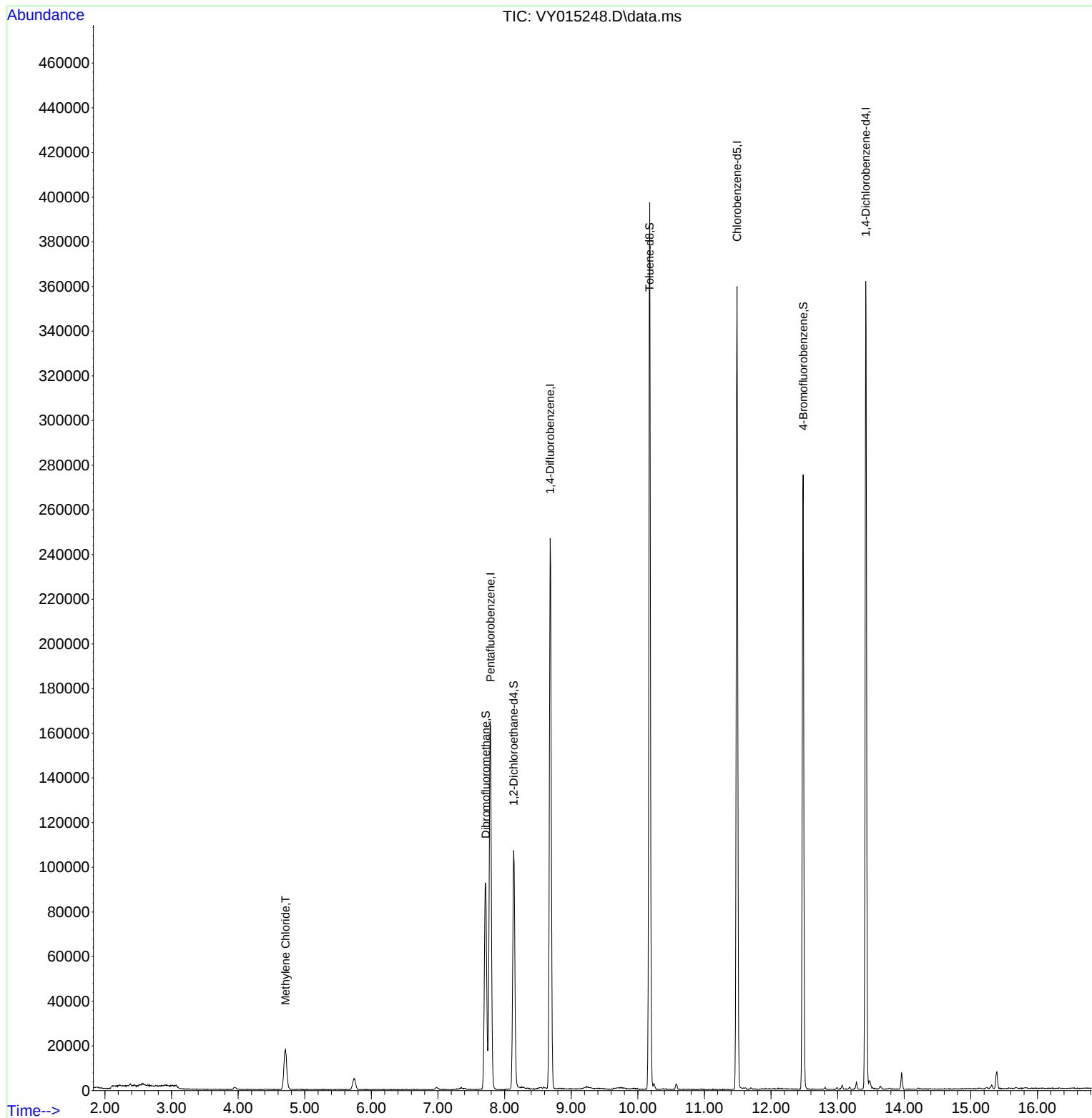
Internal Standards						
1) Pentafluorobenzene	7.789	168	127598	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	211054	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	190215	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	91070	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	84504	55.170	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.340%
35) Dibromofluoromethane	7.715	113	66768	49.174	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.340%
50) Toluene-d8	10.178	98	250860	49.632	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.260%
62) 4-Bromofluorobenzene	12.483	95	81713	44.262	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.520%
Target Compounds						
20) Methylene Chloride	4.710	84	13801	7.862	ug/l	Qvalue 95

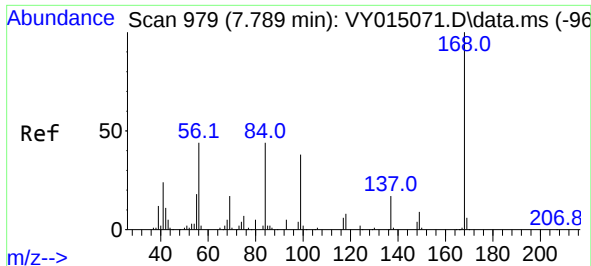
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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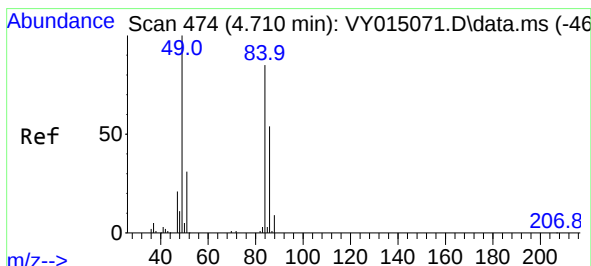
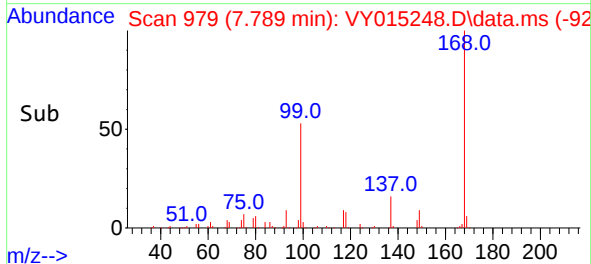
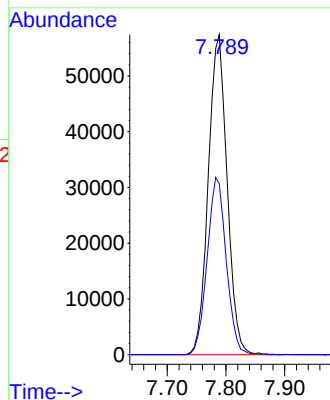
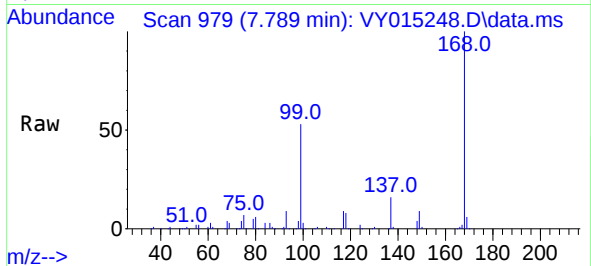




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015248.D
Acq: 22 Aug 2023 16:38

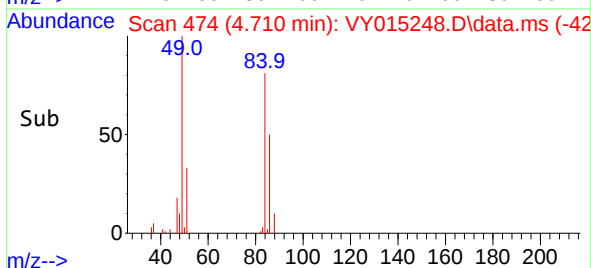
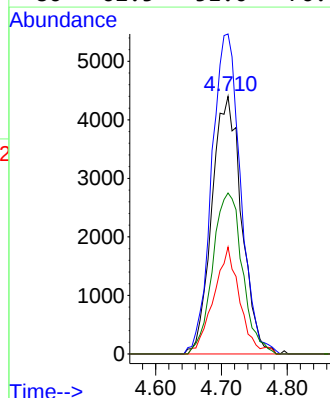
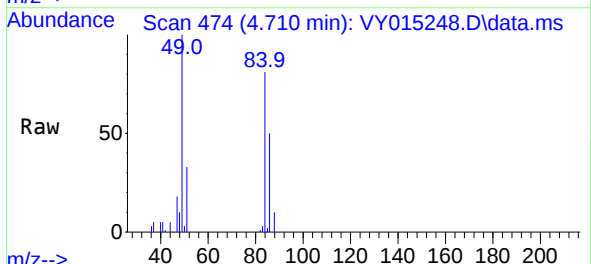
Instrument :
MSVOA_Y
ClientSampleId :
TP-I

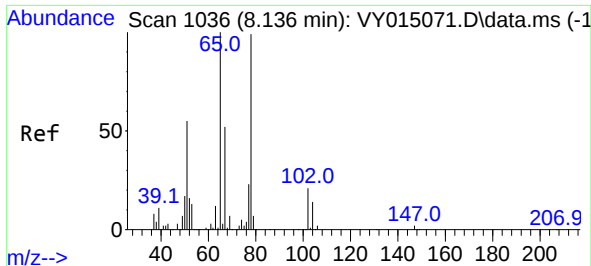
Tgt Ion:168 Resp: 127598
Ion Ratio Lower Upper
168 100
99 53.4 43.4 65.0



#20
Methylene Chloride
Concen: 7.862 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.000 min
Lab File: VY015248.D
Acq: 22 Aug 2023 16:38

Tgt Ion: 84 Resp: 13801
Ion Ratio Lower Upper
84 100
49 124.2 106.9 160.3
51 41.5 33.2 49.8
86 62.5 51.0 76.6

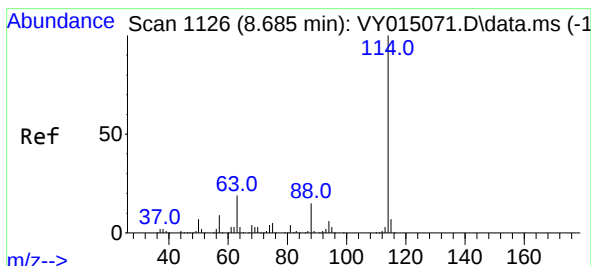
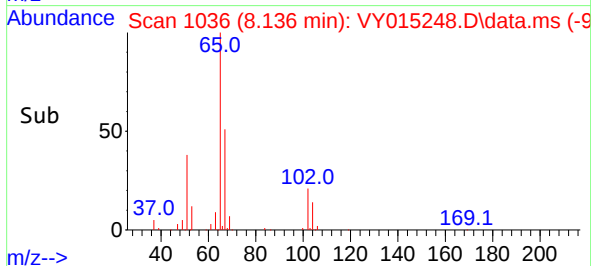
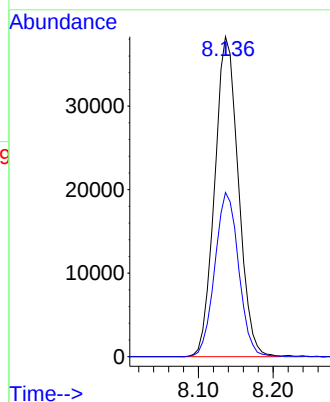
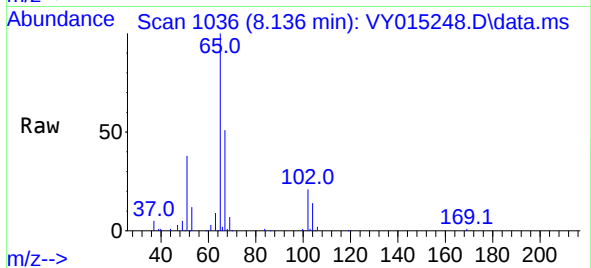




#33
1,2-Dichloroethane-d4
Concen: 55.170 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY015248.D
Acq: 22 Aug 2023 16:38

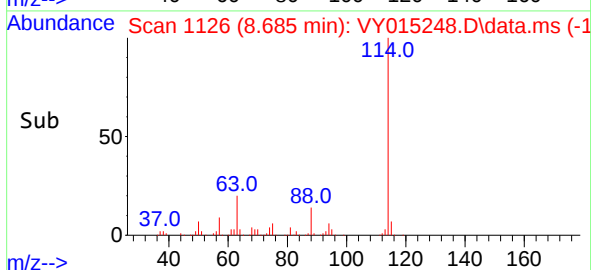
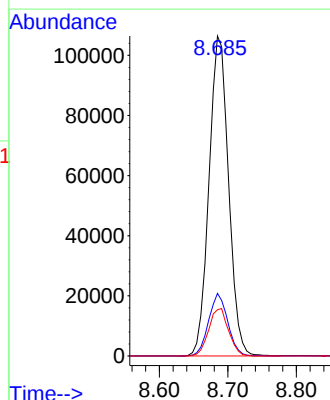
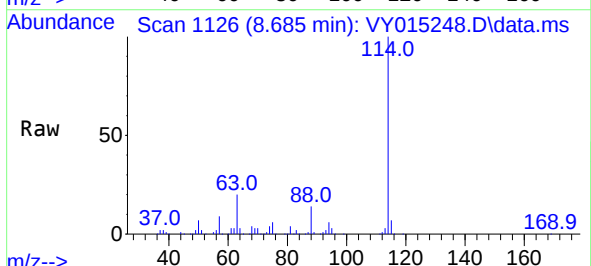
Instrument :
MSVOA_Y
ClientSampleId :
TP-I

Tgt Ion: 65 Resp: 84504
Ion Ratio Lower Upper
65 100
67 51.5 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY015248.D
Acq: 22 Aug 2023 16:38

Tgt Ion: 114 Resp: 211054
Ion Ratio Lower Upper
114 100
63 19.5 0.0 42.4
88 14.4 0.0 30.6

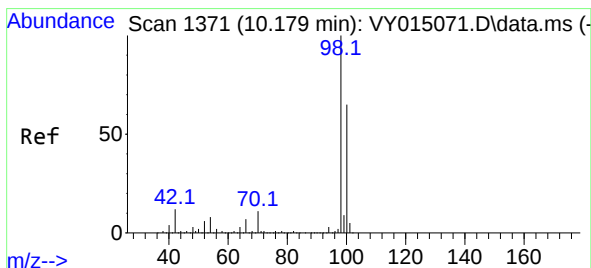
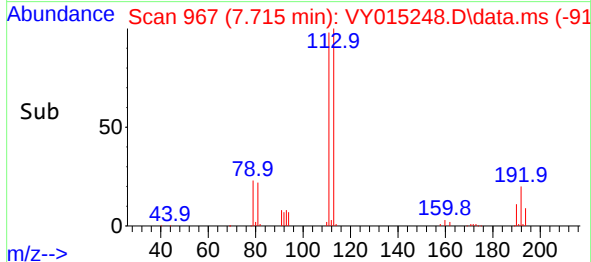
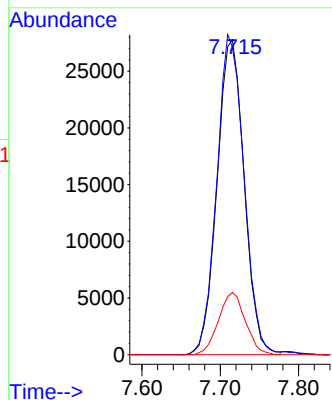
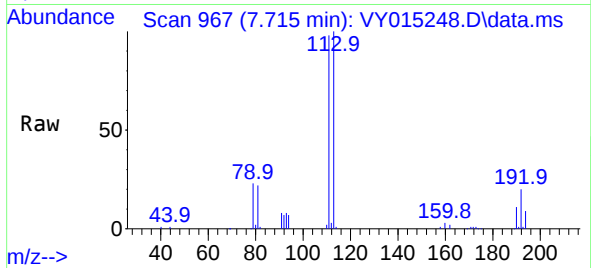




#35
Dibromofluoromethane
Concen: 49.174 ug/l
RT: 7.715 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY015248.D
Acq: 22 Aug 2023 16:38

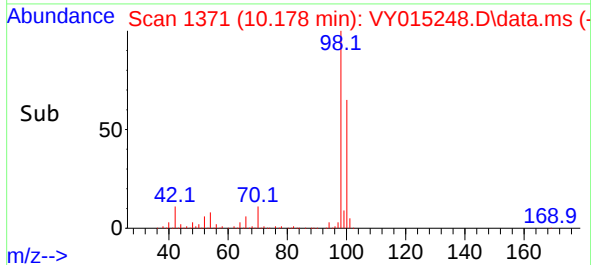
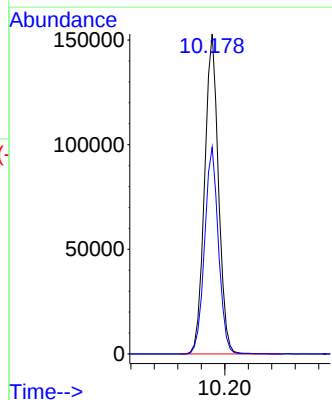
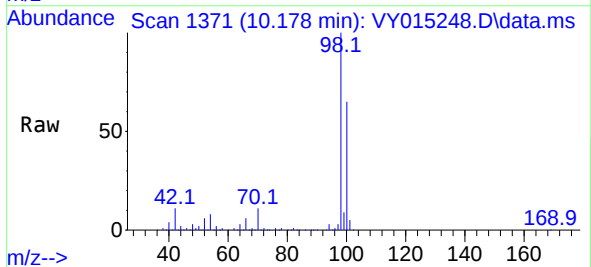
Instrument :
MSVOA_Y
ClientSampleId :
TP-I

Tgt Ion:113 Resp: 66768
Ion Ratio Lower Upper
113 100
111 102.5 81.3 121.9
192 19.6 16.9 25.3



#50
Toluene-d8
Concen: 49.632 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015248.D
Acq: 22 Aug 2023 16:38

Tgt Ion: 98 Resp: 250860
Ion Ratio Lower Upper
98 100
100 64.5 50.1 75.1

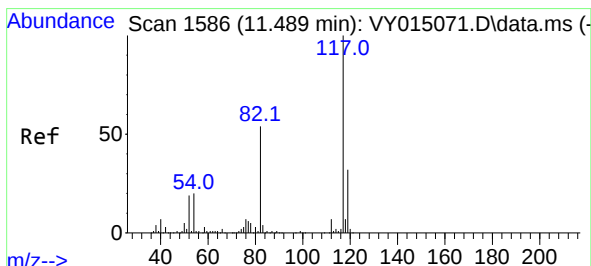
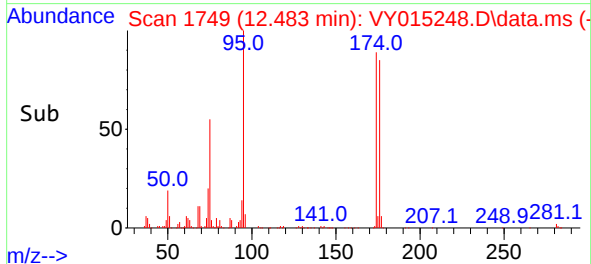
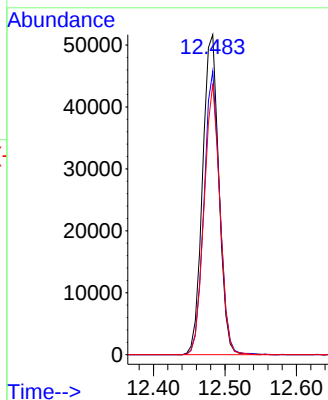
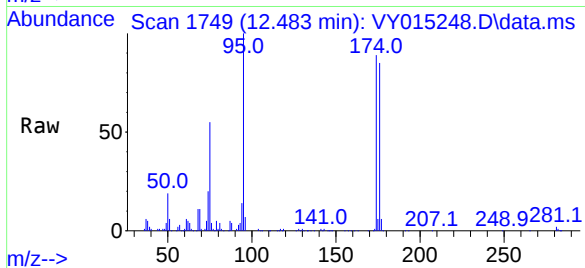




#62
4-Bromofluorobenzene
Concen: 44.262 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015248.D
Acq: 22 Aug 2023 16:38

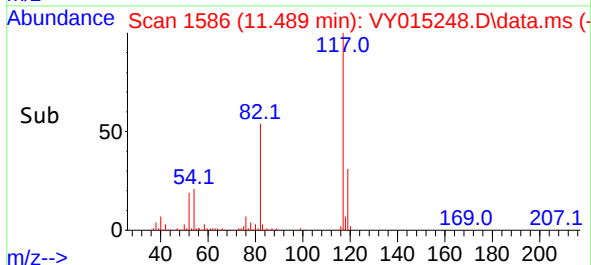
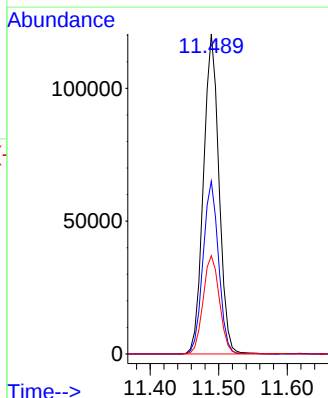
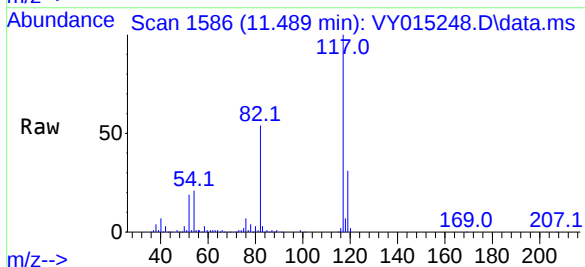
Instrument :
MSVOA_Y
ClientSampleId :
TP-I

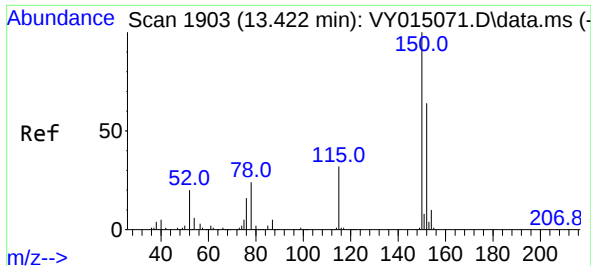
Tgt Ion: 95 Resp: 81713
Ion Ratio Lower Upper
95 100
174 85.8 0.0 178.2
176 82.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015248.D
Acq: 22 Aug 2023 16:38

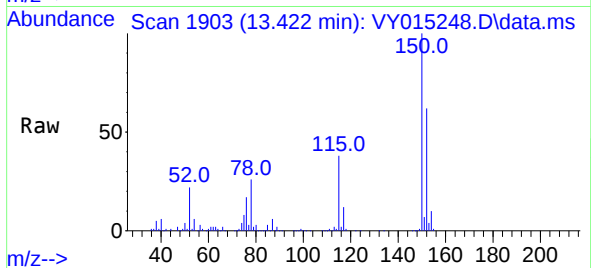
Tgt Ion: 117 Resp: 190215
Ion Ratio Lower Upper
117 100
82 54.0 43.4 65.0
119 30.7 26.3 39.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY015248.D
Acq: 22 Aug 2023 16:38

Instrument :
MSVOA_Y
ClientSampleId :
TP-I



Tgt Ion:152 Resp: 91070
Ion Ratio Lower Upper
152 100
115 58.1 28.8 86.5
150 158.9 0.0 348.8

