

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
 Data File : VY015252.D
 Acq On : 22 Aug 2023 18:13
 Operator : SY/MD
 Sample : 04091-01
 Misc : 5.81g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-A

Quant Time: Aug 23 00:51:36 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)

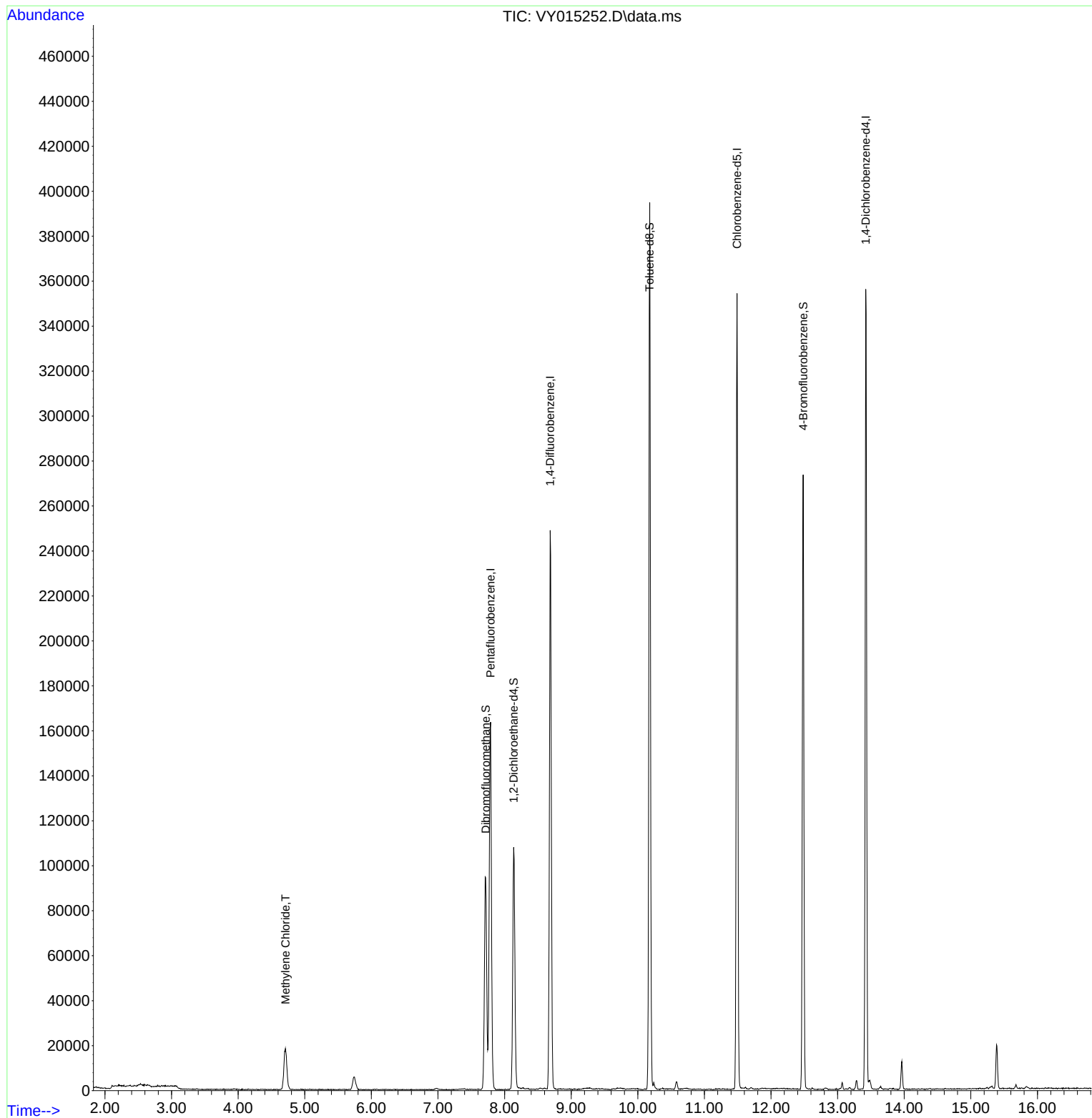
Internal Standards						
1) Pentafluorobenzene	7.789	168	127412	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	209877	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	190227	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	89772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	84078	54.972	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 109.940%		
35) Dibromofluoromethane	7.716	113	67242	49.801	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 99.600%		
50) Toluene-d8	10.179	98	250115	49.762	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 99.520%		
62) 4-Bromofluorobenzene	12.483	95	81439	44.361	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 88.720%		
Target Compounds						
20) Methylene Chloride	4.710	84	14182	8.229	ug/l	Qvalue 89

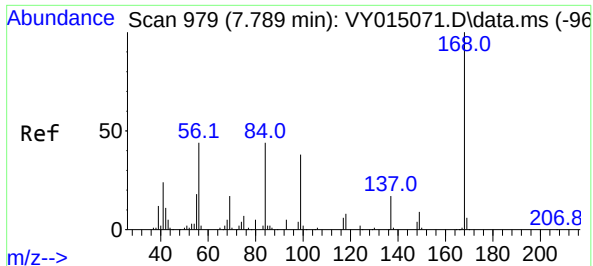
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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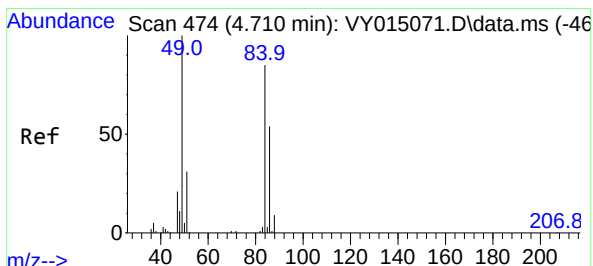
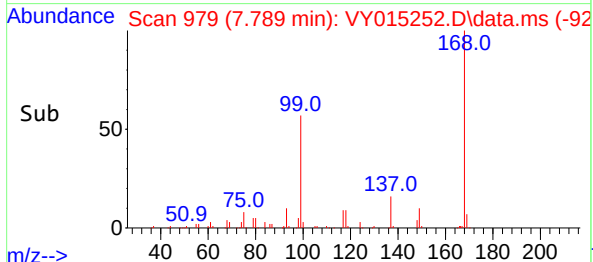
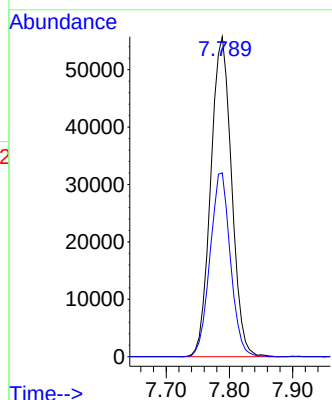
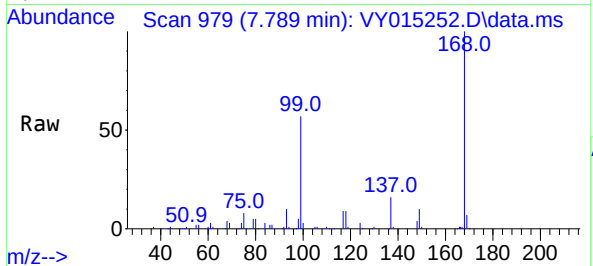




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015252.D
Acq: 22 Aug 2023 18:13

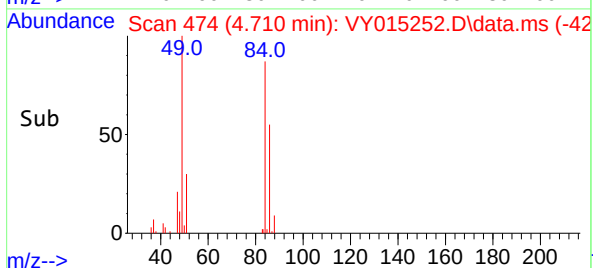
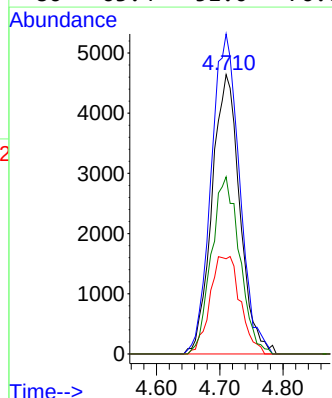
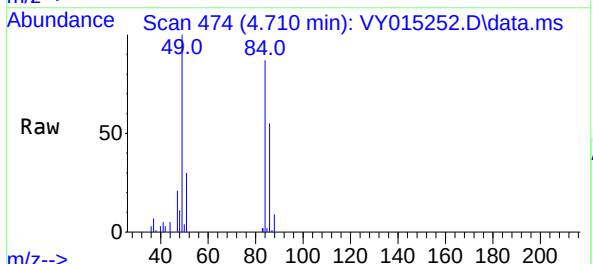
Instrument :
MSVOA_Y
ClientSampleId :
TP-A

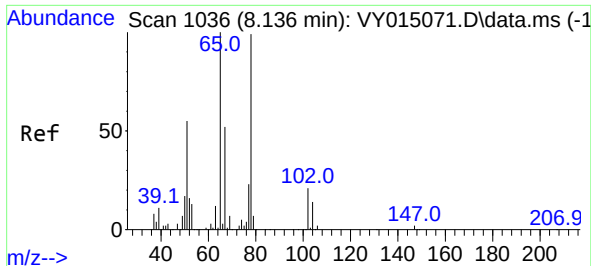
Tgt Ion:168 Resp: 127412
Ion Ratio Lower Upper
168 100
99 57.5 43.4 65.0



#20
Methylene Chloride
Concen: 8.229 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY015252.D
Acq: 22 Aug 2023 18:13

Tgt Ion: 84 Resp: 14182
Ion Ratio Lower Upper
84 100
49 114.5 106.9 160.3
51 34.1 33.2 49.8
86 63.4 51.0 76.6

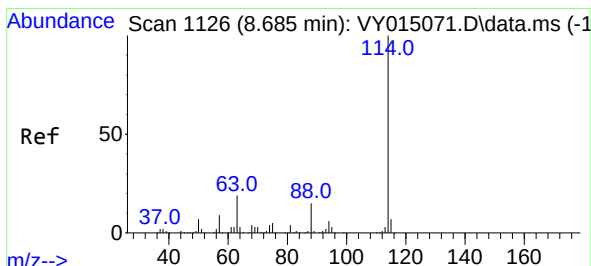
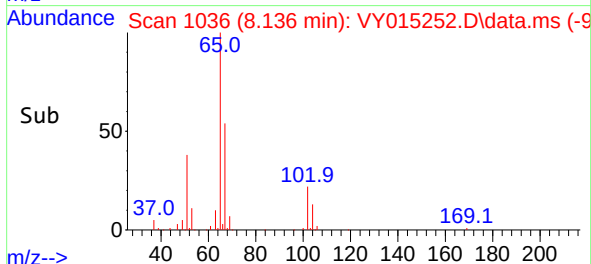
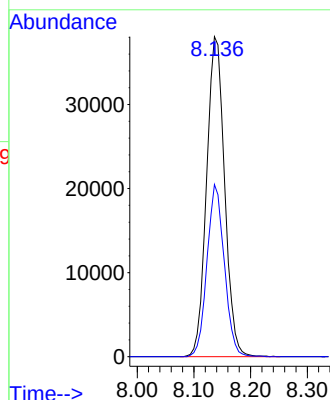
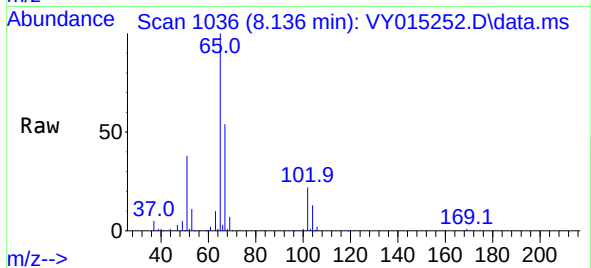




#33
1,2-Dichloroethane-d4
Concen: 54.972 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY015252.D
Acq: 22 Aug 2023 18:13

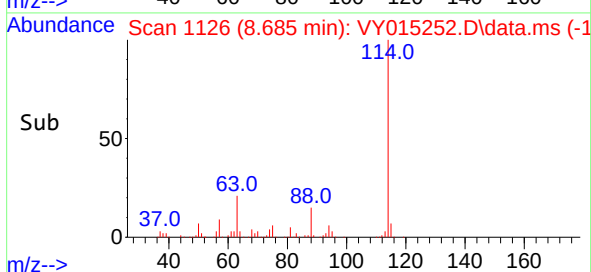
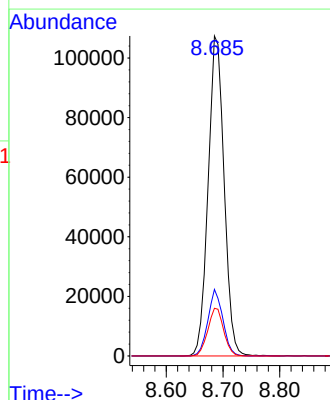
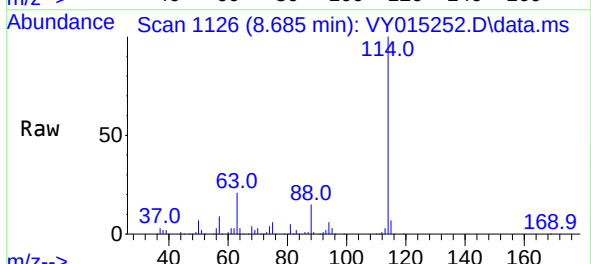
Instrument :
MSVOA_Y
ClientSampleId :
TP-A

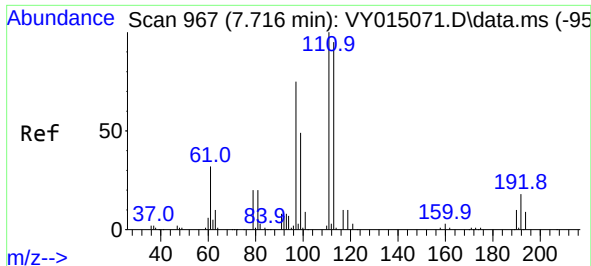
Tgt Ion: 65 Resp: 84078
Ion Ratio Lower Upper
65 100
67 51.7 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY015252.D
Acq: 22 Aug 2023 18:13

Tgt Ion: 114 Resp: 209877
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.4
88 14.9 0.0 30.6

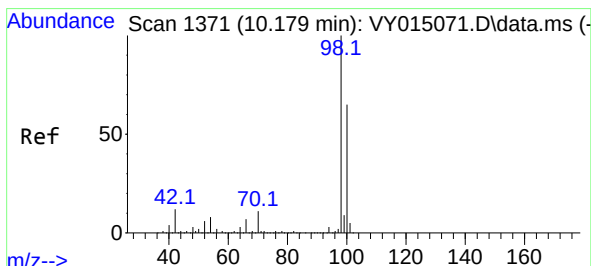
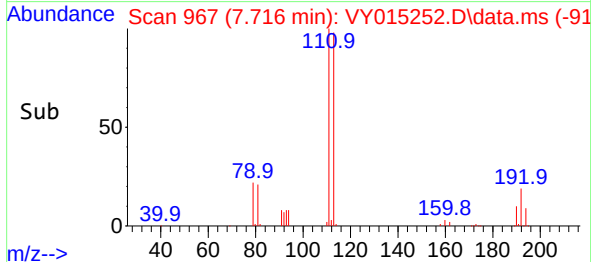
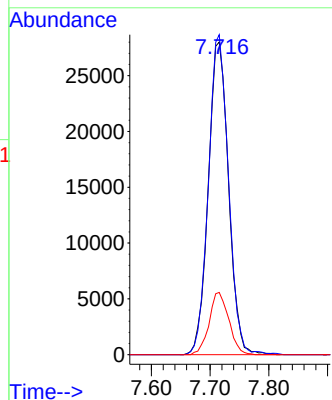
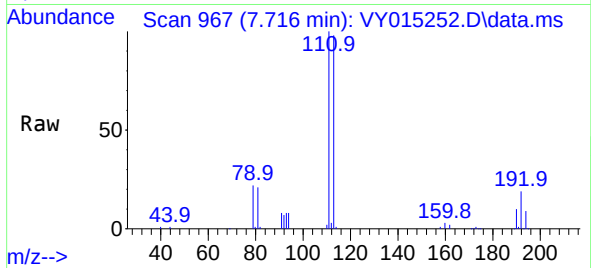




#35
Dibromofluoromethane
Concen: 49.801 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY015252.D
Acq: 22 Aug 2023 18:13

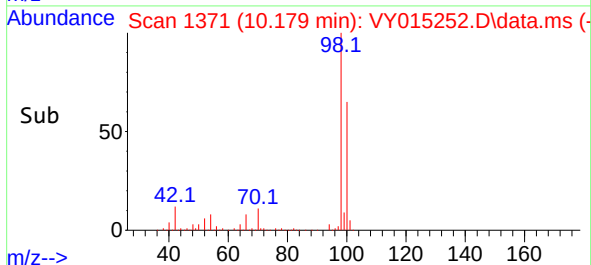
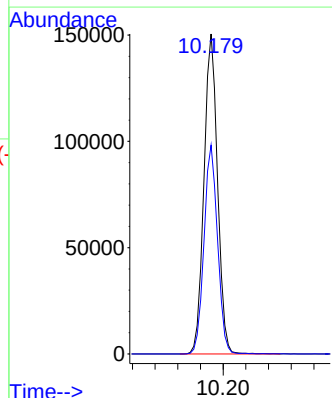
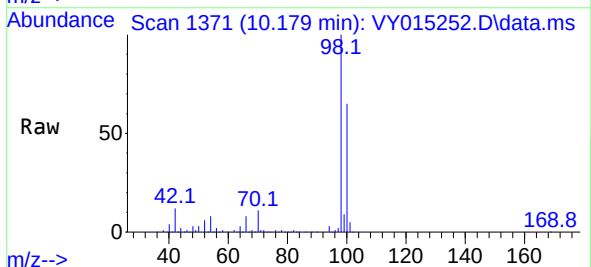
Instrument :
MSVOA_Y
ClientSampleId :
TP-A

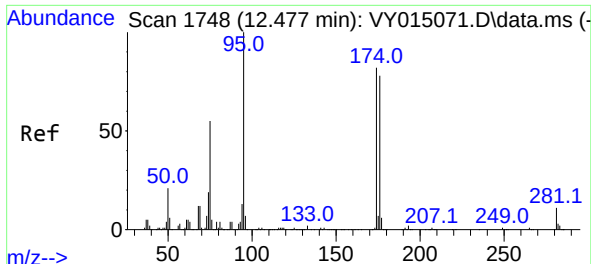
Tgt Ion:113 Resp: 67242
Ion Ratio Lower Upper
113 100
111 101.1 81.3 121.9
192 19.3 16.9 25.3



#50
Toluene-d8
Concen: 49.762 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015252.D
Acq: 22 Aug 2023 18:13

Tgt Ion: 98 Resp: 250115
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1

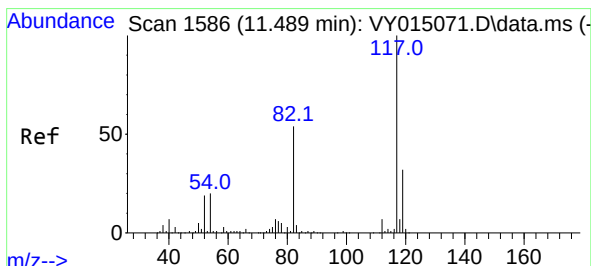
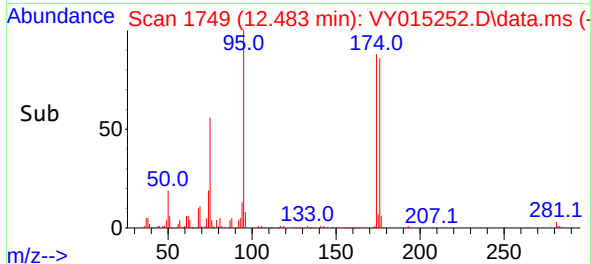
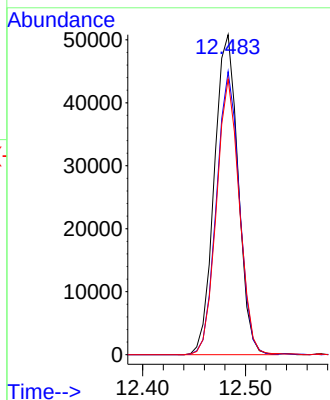
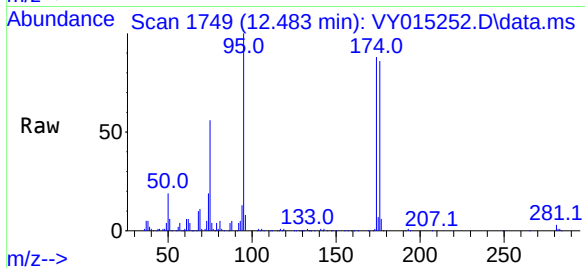




#62
4-Bromofluorobenzene
Concen: 44.361 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015252.D
Acq: 22 Aug 2023 18:13

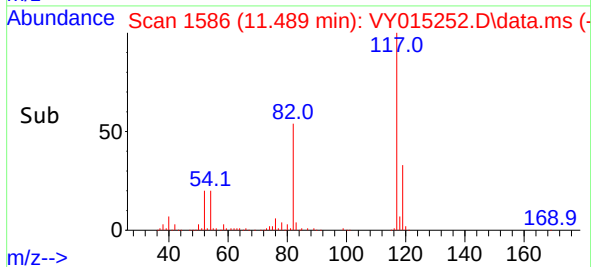
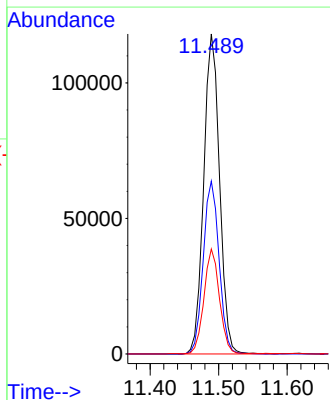
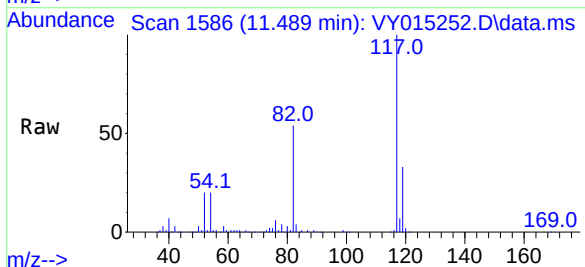
Instrument :
MSVOA_Y
ClientSampleId :
TP-A

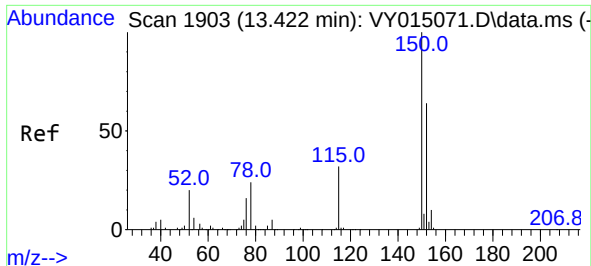
Tgt Ion:	95	Resp:	81439
Ion	Ratio	Lower	Upper
95	100		
174	85.1	0.0	178.2
176	82.8	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015252.D
Acq: 22 Aug 2023 18:13

Tgt Ion:	117	Resp:	190227
Ion	Ratio	Lower	Upper
117	100		
82	54.0	43.4	65.0
119	32.7	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: VY015252.D

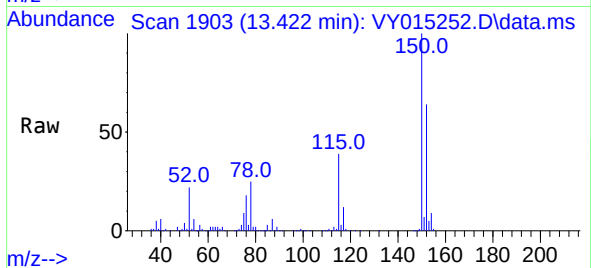
Acq: 22 Aug 2023 18:13

Instrument :

MSVOA_Y

ClientSampleId :

TP-A



Tgt Ion:152 Resp: 89772

Ion Ratio Lower Upper

152 100

115 59.9 28.8 86.5

150 159.6 0.0 348.8

