

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060923\
 Data File : VY014100.D
 Acq On : 09 Jun 2023 17:25
 Operator : KP/MD
 Sample : 03071-01RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1RE

Quant Time: Jun 09 18:11:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

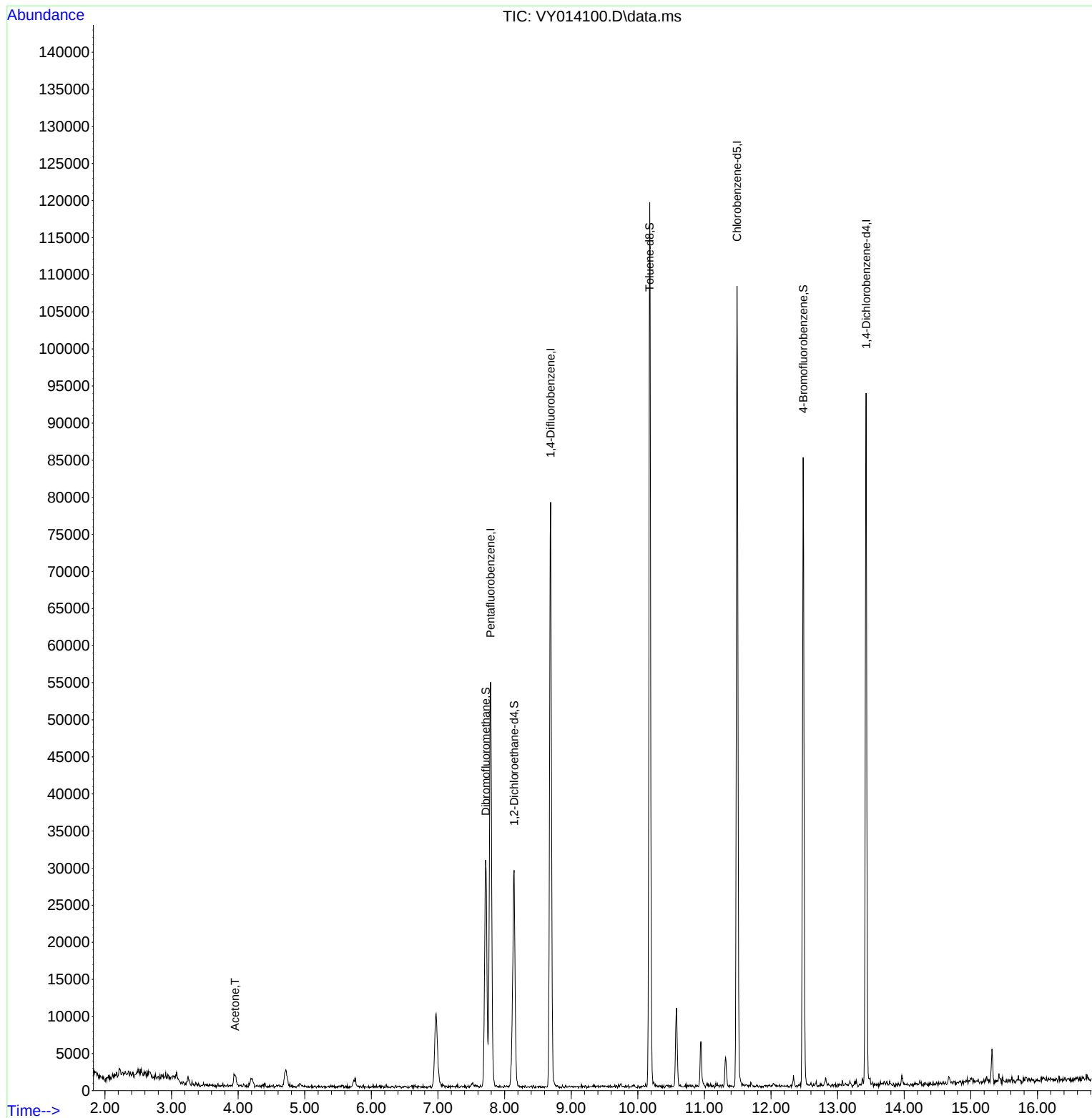
Internal Standards						
1) Pentafluorobenzene	7.789	168	43903	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	66976	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	57842	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	24365	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	22497	36.799	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	73.600%
35) Dibromofluoromethane	7.716	113	21113	44.450	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.900%
50) Toluene-d8	10.179	98	78182	44.028	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.060%
62) 4-Bromofluorobenzene	12.483	95	21608	34.255	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	68.500%
Target Compounds						
16) Acetone	3.954	43	2929	15.894	ug/l	Qvalue 98

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

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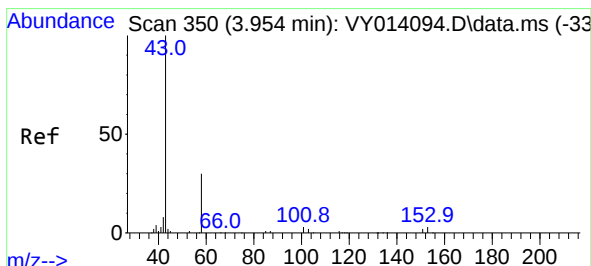
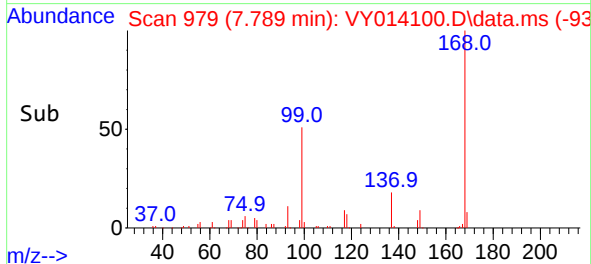
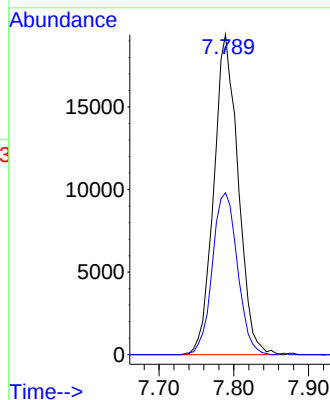
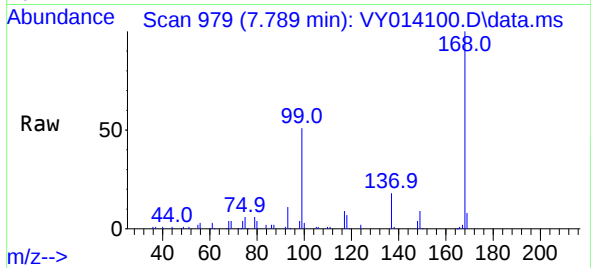




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014100.D
Acq: 09 Jun 2023 17:25

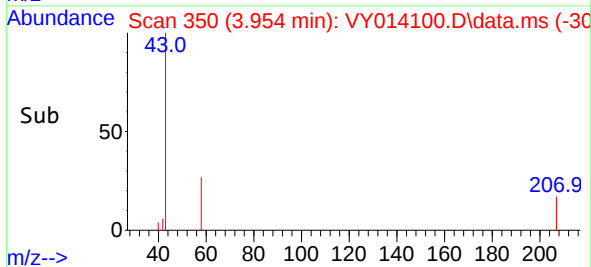
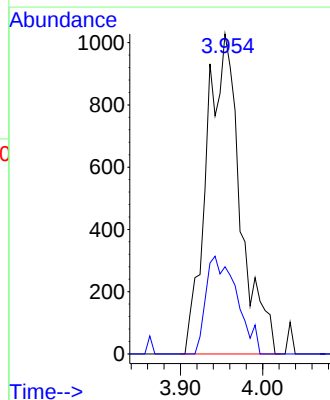
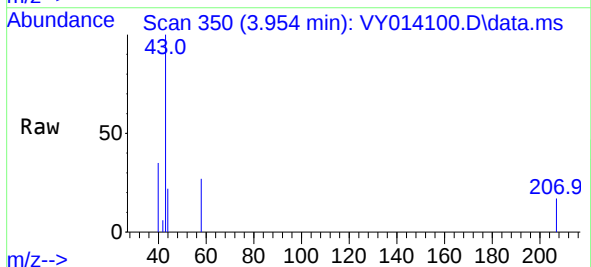
Instrument :
MSVOA_Y
ClientSampleId :
WC-1RE

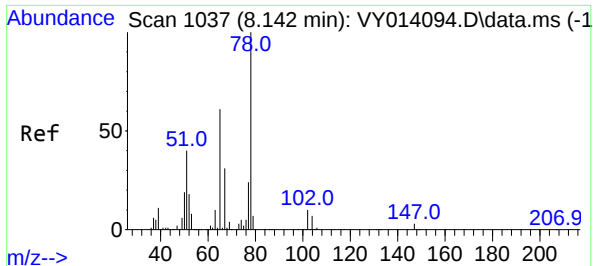
Tgt Ion:168 Resp: 43903
Ion Ratio Lower Upper
168 100
99 50.6 43.4 65.0



#16
Acetone
Concen: 15.894 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY014100.D
Acq: 09 Jun 2023 17:25

Tgt Ion: 43 Resp: 2929
Ion Ratio Lower Upper
43 100
58 27.2 22.7 34.1

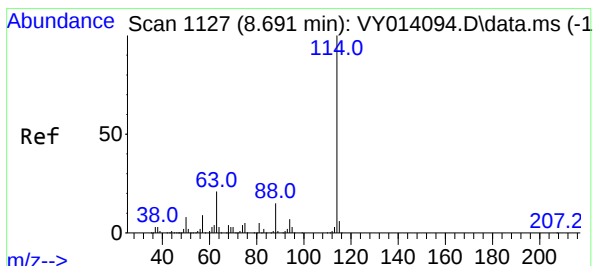
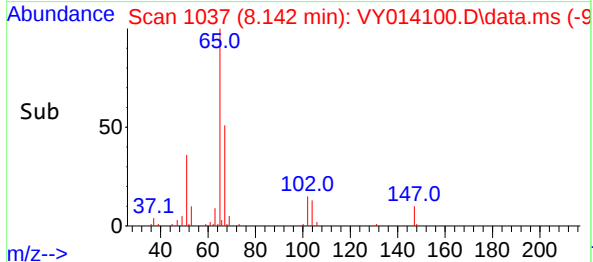
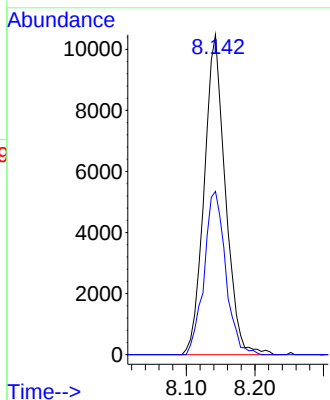
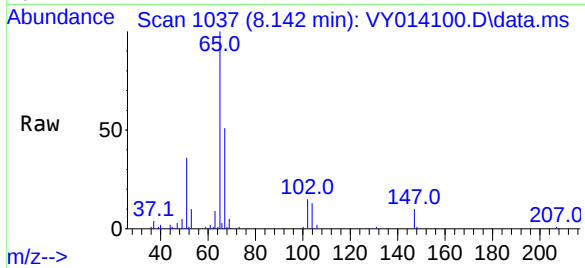




#33
1,2-Dichloroethane-d4
Concen: 36.799 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY014100.D
Acq: 09 Jun 2023 17:25

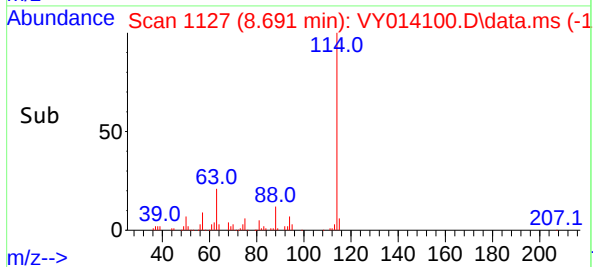
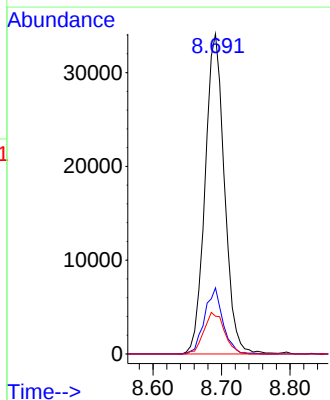
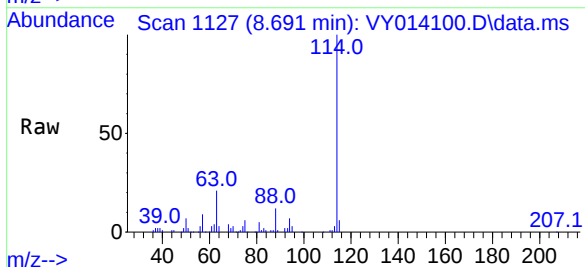
Instrument :
MSVOA_Y
ClientSampleId :
WC-1RE

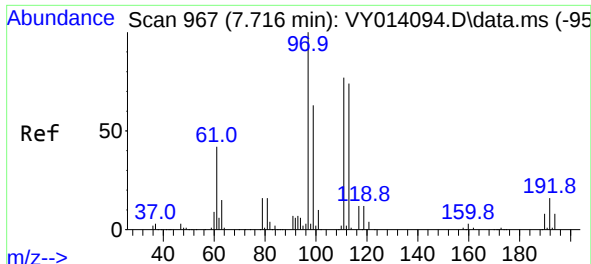
Tgt Ion: 65 Resp: 22497
Ion Ratio Lower Upper
65 100
67 51.9 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY014100.D
Acq: 09 Jun 2023 17:25

Tgt Ion: 114 Resp: 66976
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.4
88 11.8 0.0 30.6

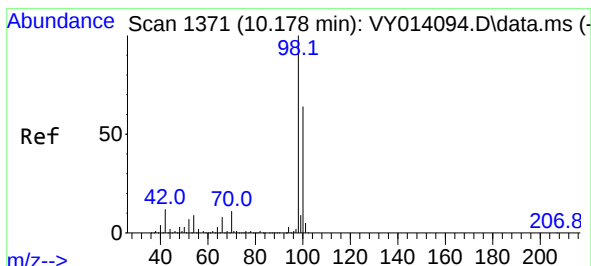
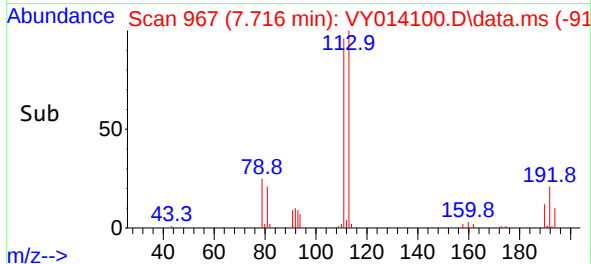
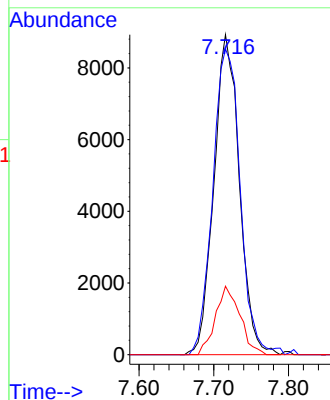
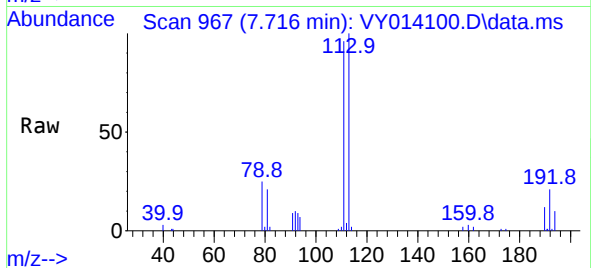




#35
Dibromofluoromethane
Concen: 44.450 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014100.D
Acq: 09 Jun 2023 17:25

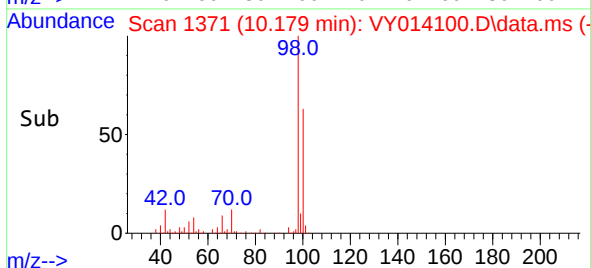
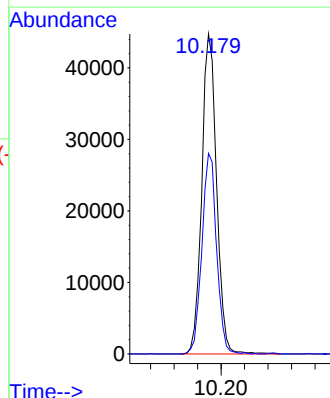
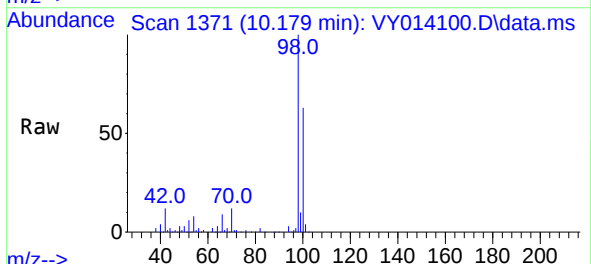
Instrument :
MSVOA_Y
ClientSampleId :
WC-1RE

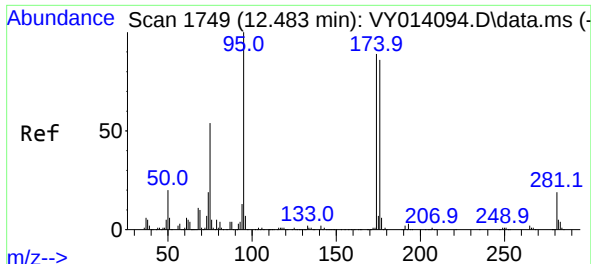
Tgt Ion:113 Resp: 21113
Ion Ratio Lower Upper
113 100
111 103.2 81.3 121.9
192 20.6 16.9 25.3



#50
Toluene-d8
Concen: 44.028 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014100.D
Acq: 09 Jun 2023 17:25

Tgt Ion: 98 Resp: 78182
Ion Ratio Lower Upper
98 100
100 62.3 50.1 75.1

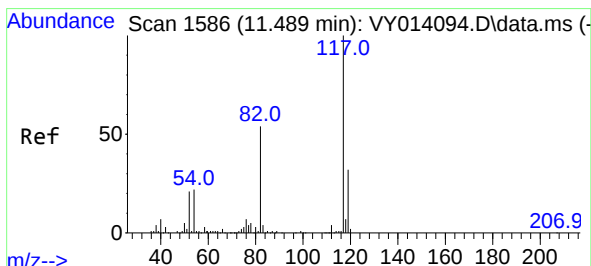
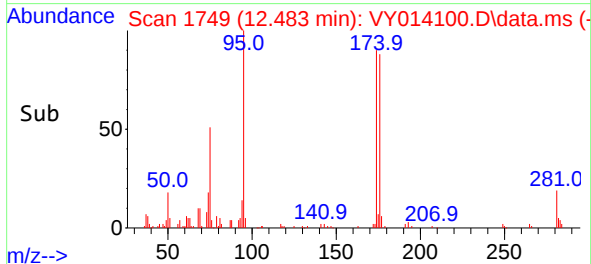
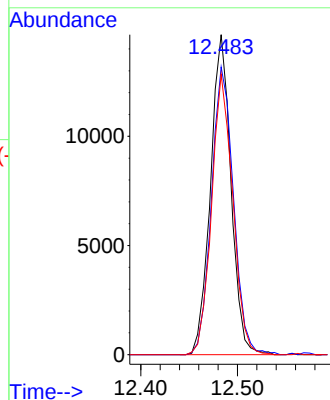
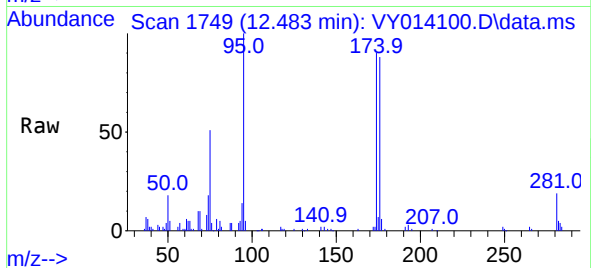




#62
4-Bromofluorobenzene
Concen: 34.255 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014100.D
Acq: 09 Jun 2023 17:25

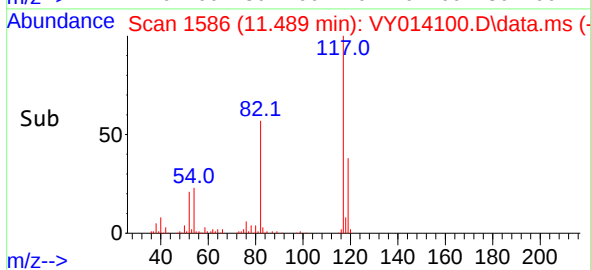
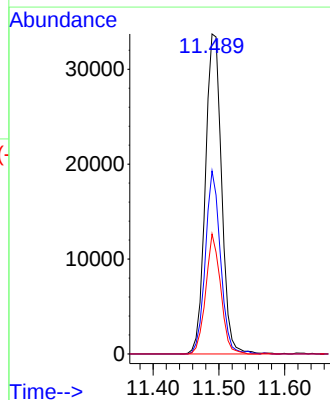
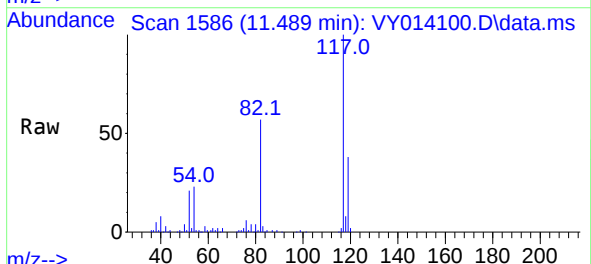
Instrument :
MSVOA_Y
ClientSampleId :
WC-1RE

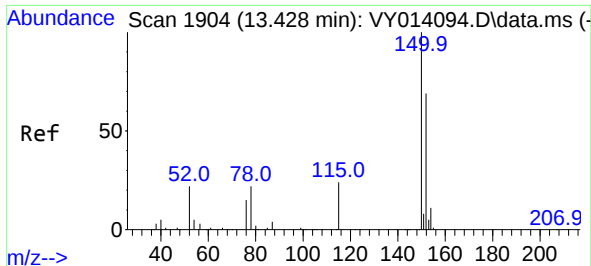
Tgt Ion:	95	Resp:	21608
Ion	Ratio	Lower	Upper
95	100		
174	96.4	0.0	178.2
176	90.4	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014100.D
Acq: 09 Jun 2023 17:25

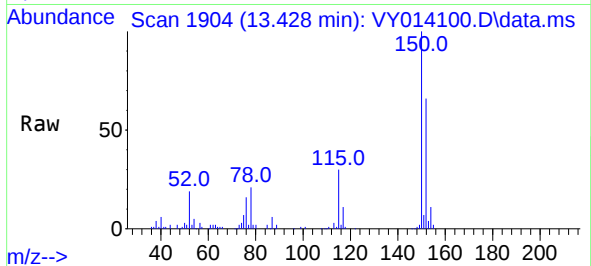
Tgt Ion:	117	Resp:	57842
Ion	Ratio	Lower	Upper
117	100		
82	57.2	43.4	65.0
119	37.5	26.3	39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY014100.D
 Acq: 09 Jun 2023 17:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1RE



Tgt Ion:	152	Resp:	24365
Ion	Ratio	Lower	Upper
152	100		
115	51.2	28.8	86.5
150	152.5	0.0	348.8

