

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060723\
 Data File : VY014070.D
 Acq On : 07 Jun 2023 19:13
 Operator : KP/MD
 Sample : 03044-09RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04-5.0-7.0RE

Quant Time: Jun 08 02:34:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

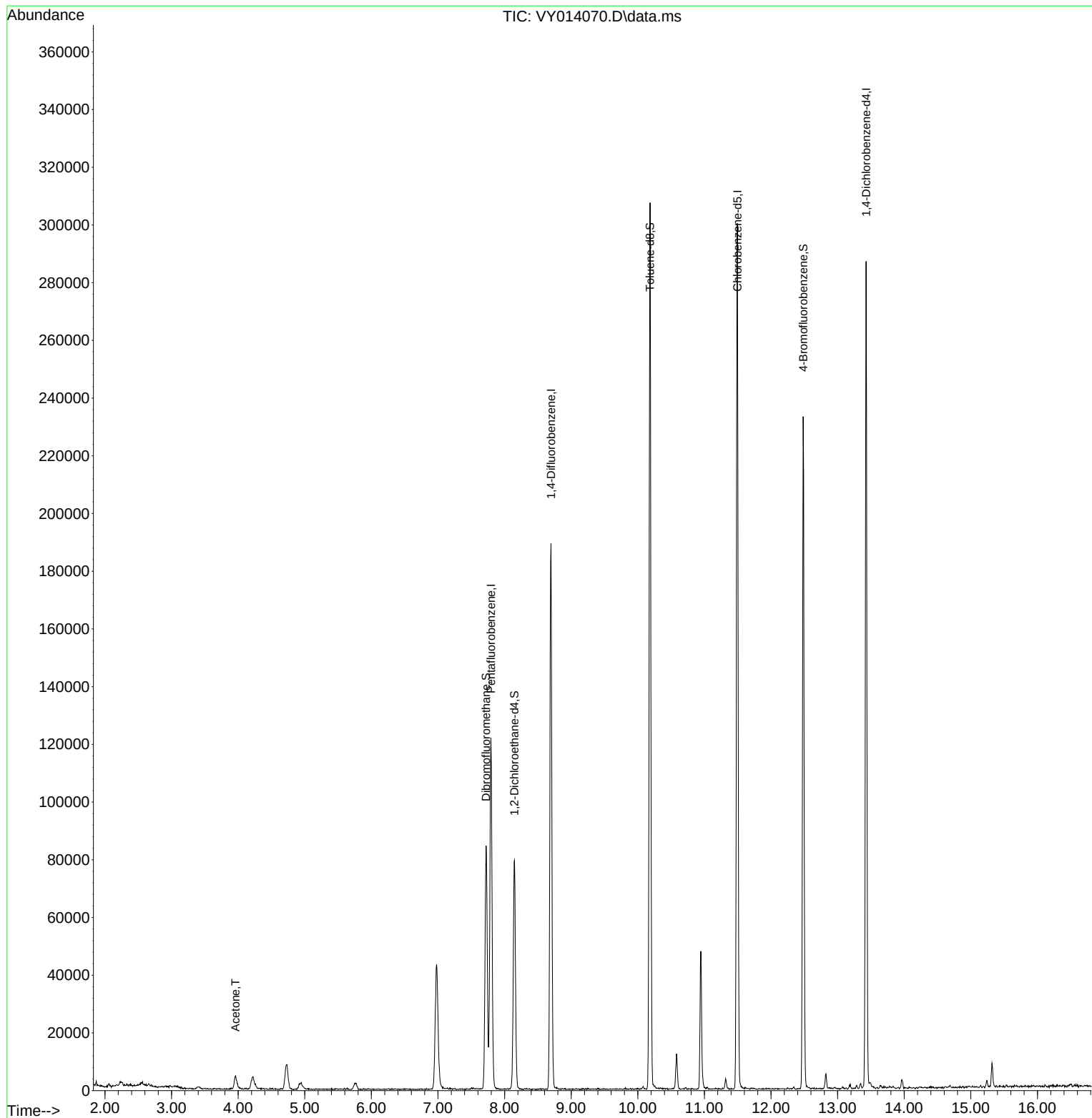
Internal Standards						
1) Pentafluorobenzene	7.795	168	93539	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	158163	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.495	117	165261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	73907	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	65384	52.804	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.600%	
35) Dibromofluoromethane	7.721	113	57350	57.057	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.120%	
50) Toluene-d8	10.184	98	198189	51.692	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.380%	
62) 4-Bromofluorobenzene	12.483	95	63916	48.899	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.800%	
Target Compounds						
16) Acetone	3.960	43	8217	19.396	ug/l	Qvalue 100

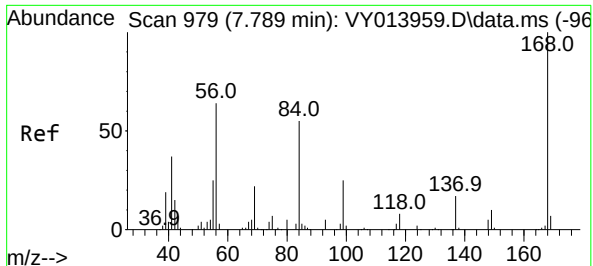
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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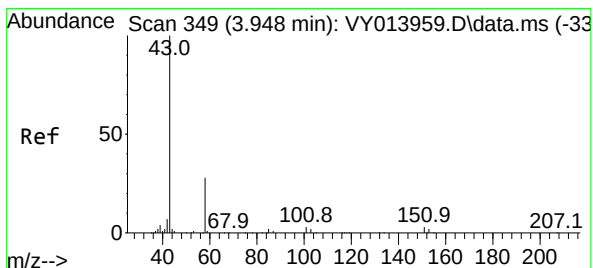
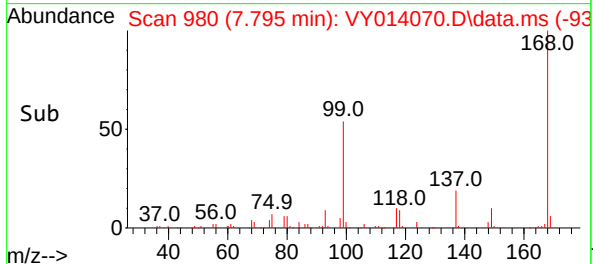
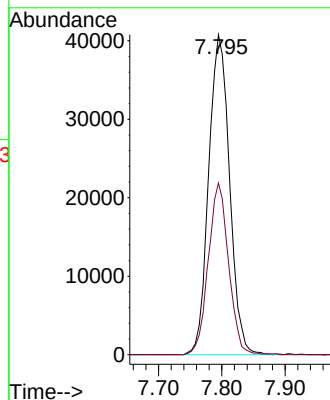
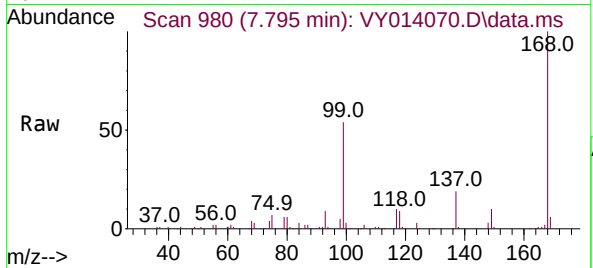




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014070.D
Acq: 07 Jun 2023 19:13

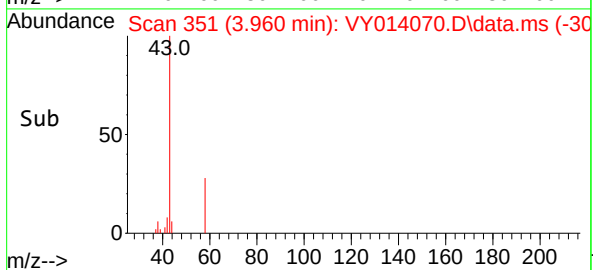
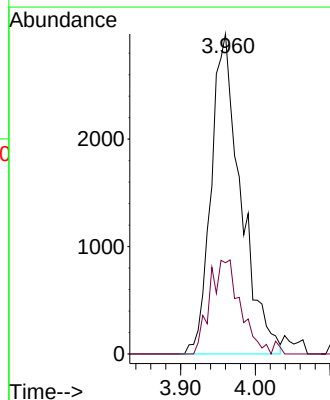
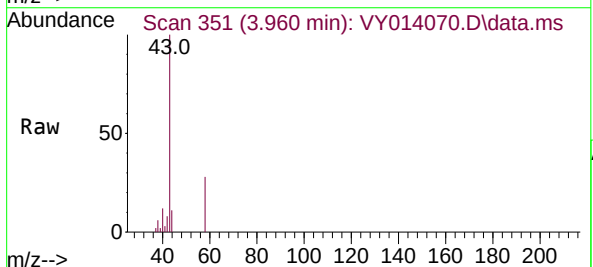
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-5.0-7.0RE

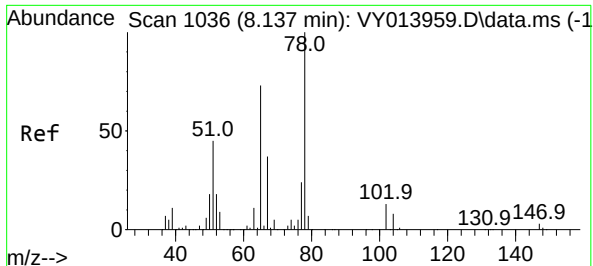
Tgt Ion:168 Resp: 93539
Ion Ratio Lower Upper
168 100
99 53.7 43.4 65.0



#16
Acetone
Concen: 19.396 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY014070.D
Acq: 07 Jun 2023 19:13

Tgt Ion: 43 Resp: 8217
Ion Ratio Lower Upper
43 100
58 28.5 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 52.804 ug/l

RT: 8.148 min Scan# 1036

Delta R.T. 0.012 min

Lab File: VY014070.D

Acq: 07 Jun 2023 19:13

Instrument :

MSVOA_Y

ClientSampleId :

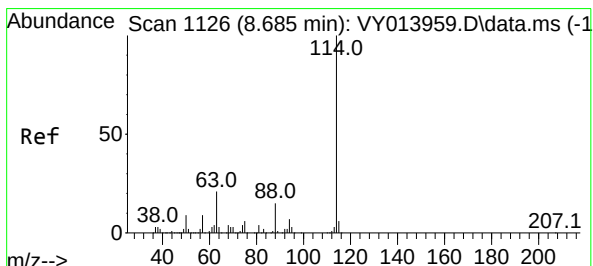
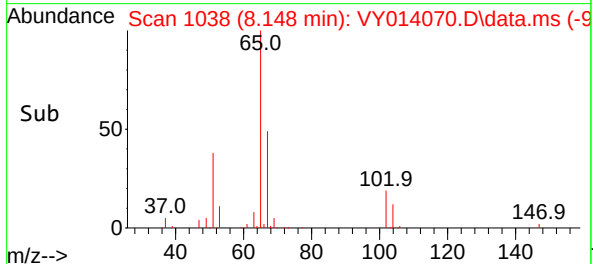
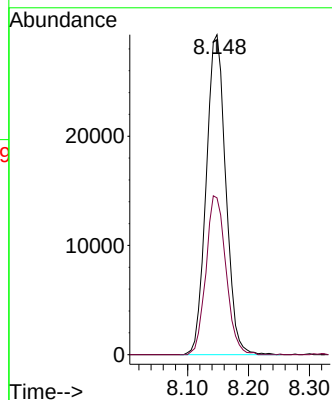
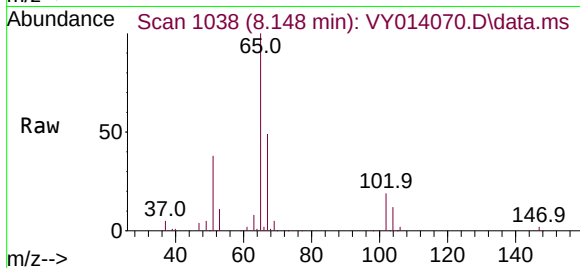
SB-04-5.0-7.0RE

Tgt Ion: 65 Resp: 65384

Ion Ratio Lower Upper

65 100

67 50.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.012 min

Lab File: VY014070.D

Acq: 07 Jun 2023 19:13

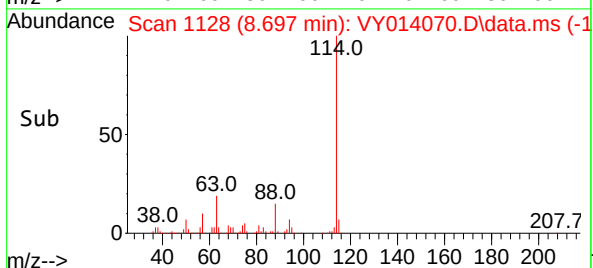
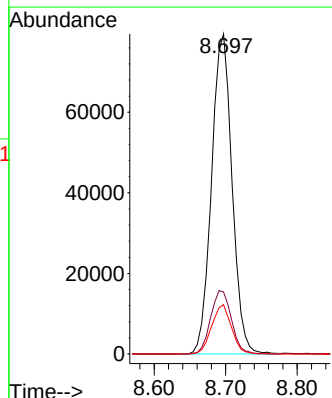
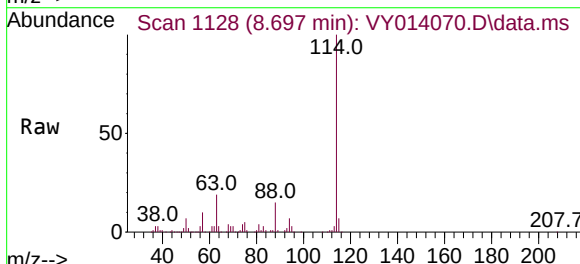
Tgt Ion: 114 Resp: 158163

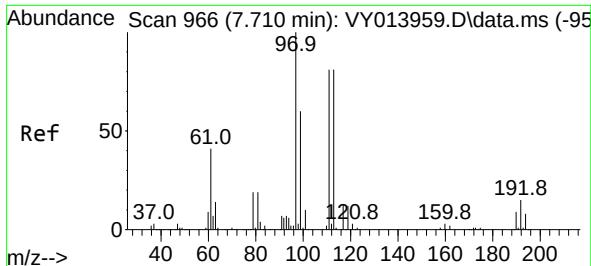
Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 15.4 0.0 30.6

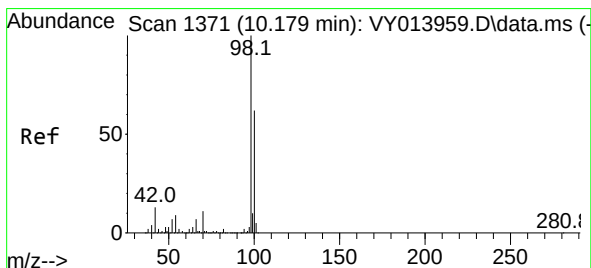
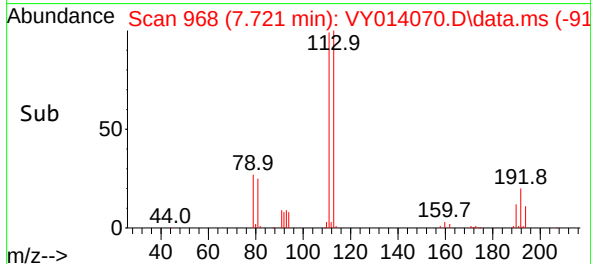
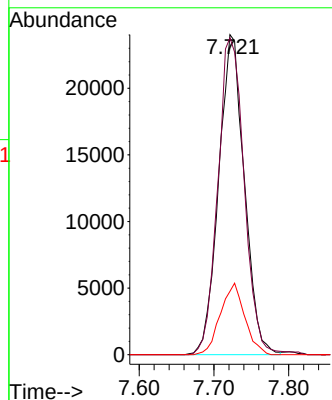
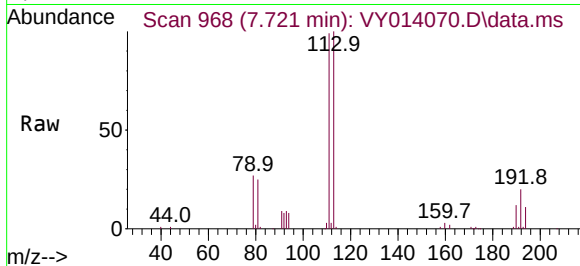




#35
Dibromofluoromethane
Concen: 57.057 ug/l
RT: 7.721 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014070.D
Acq: 07 Jun 2023 19:13

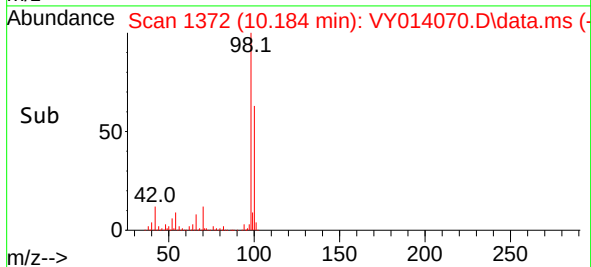
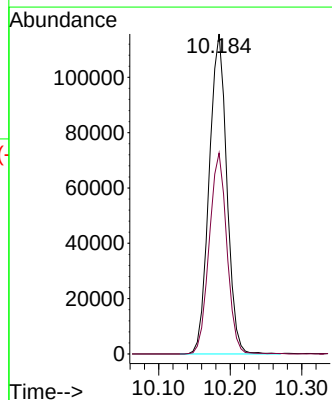
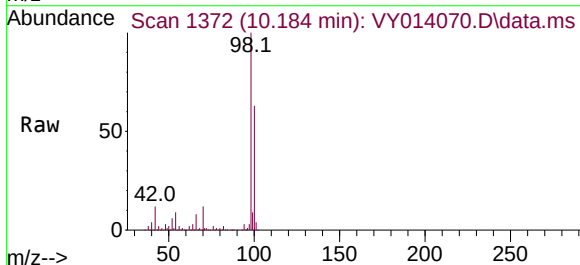
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-5.0-7.0RE

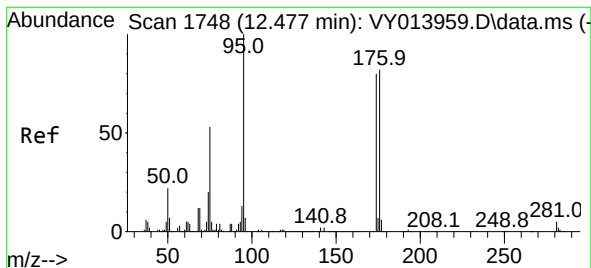
Tgt Ion:113 Resp: 57350
Ion Ratio Lower Upper
113 100
111 101.8 81.3 121.9
192 21.2 16.9 25.3



#50
Toluene-d8
Concen: 51.692 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY014070.D
Acq: 07 Jun 2023 19:13

Tgt Ion: 98 Resp: 198189
Ion Ratio Lower Upper
98 100
100 62.7 50.1 75.1

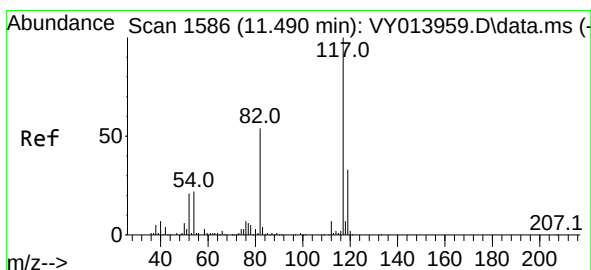
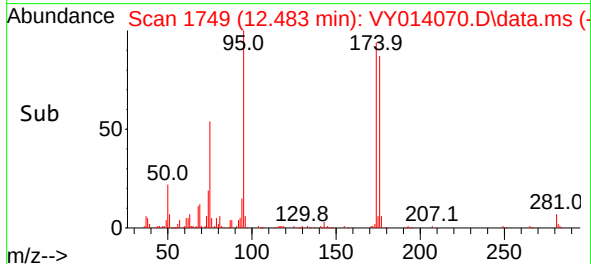
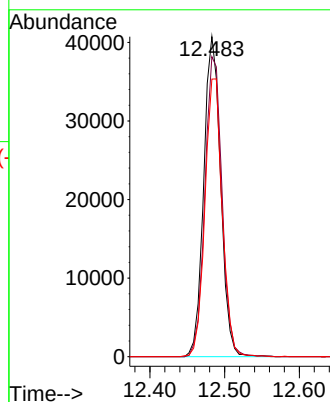
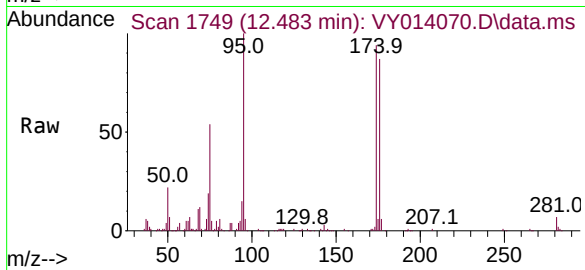




#62
4-Bromofluorobenzene
Concen: 48.899 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014070.D
Acq: 07 Jun 2023 19:13

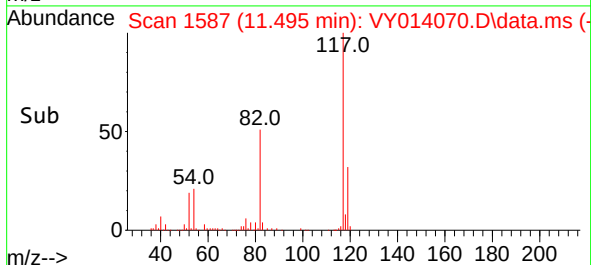
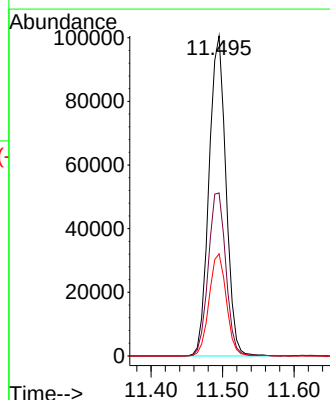
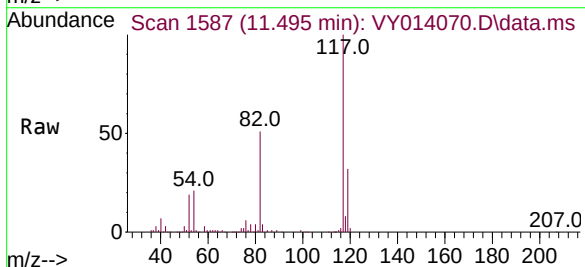
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-5.0-7.0RE

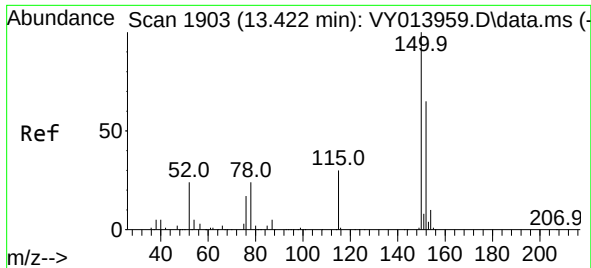
Tgt Ion: 95 Resp: 63916
Ion Ratio Lower Upper
95 100
174 95.1 0.0 178.2
176 88.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY014070.D
Acq: 07 Jun 2023 19:13

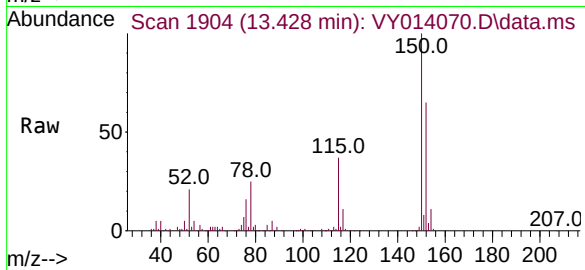
Tgt Ion: 117 Resp: 165261
Ion Ratio Lower Upper
117 100
82 51.0 43.4 65.0
119 31.9 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY014070.D
 Acq: 07 Jun 2023 19:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04-5.0-7.0RE



Tgt Ion:152 Resp: 73907
 Ion Ratio Lower Upper
 152 100
 115 55.6 28.8 86.5
 150 153.6 0.0 348.8

