

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060923\
 Data File : VY014105.D
 Acq On : 09 Jun 2023 19:21
 Operator : KP/MD
 Sample : 03044-12
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-07-5.0-7.0

Quant Time: Jun 10 05:15:30 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)

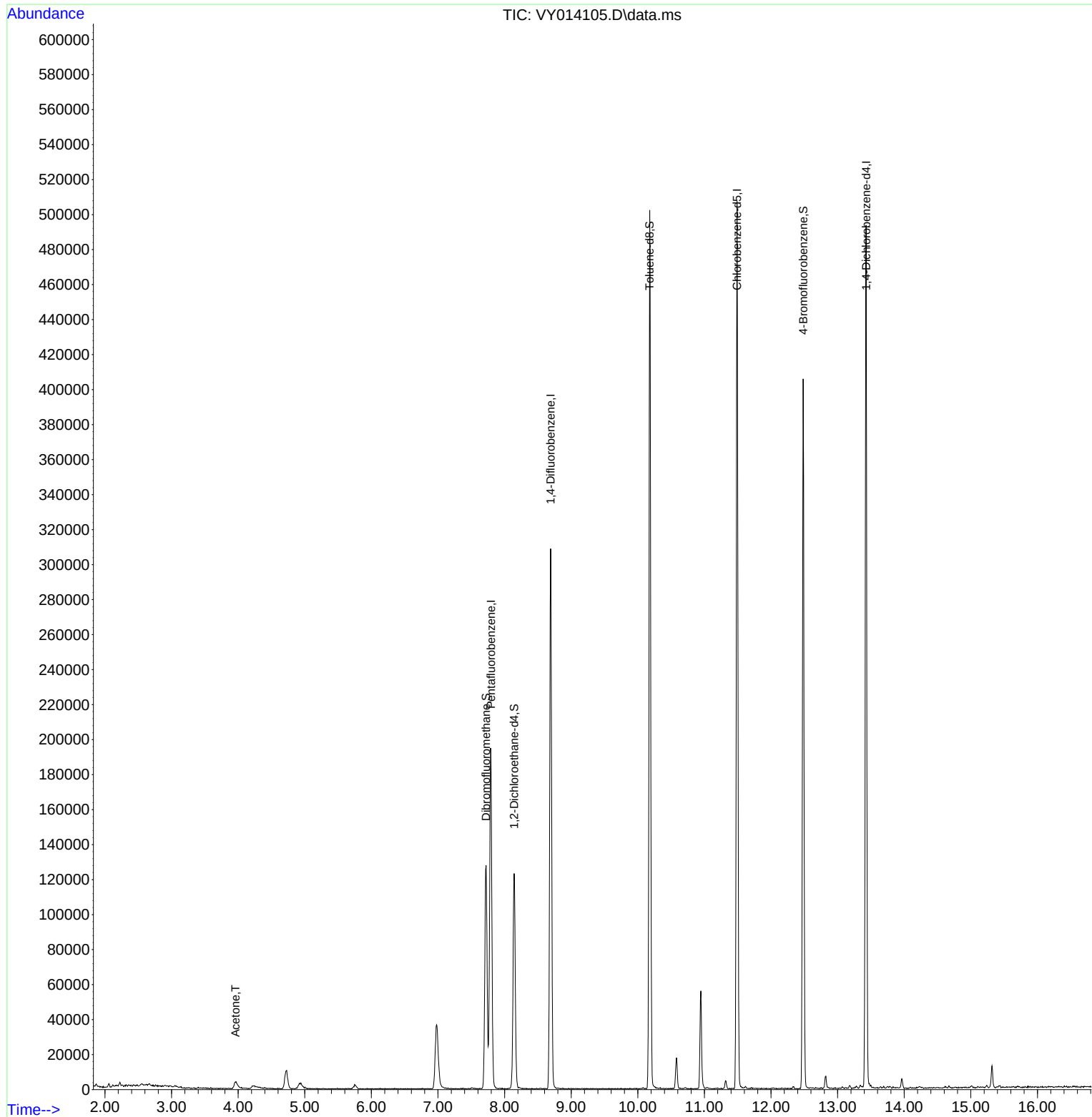
Internal Standards						
1) Pentafluorobenzene	7.795	168	151367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	258186	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	265609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	125754	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	103923	49.304	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.600%
35) Dibromofluoromethane	7.722	113	88220	48.181	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.360%
50) Toluene-d8	10.179	98	320966	46.888	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.780%
62) 4-Bromofluorobenzene	12.483	95	108372	44.567	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.140%
Target Compounds						
16) Acetone	3.960	43	9061	14.261	ug/l	Qvalue 96

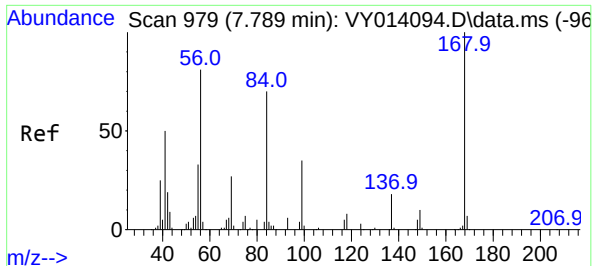
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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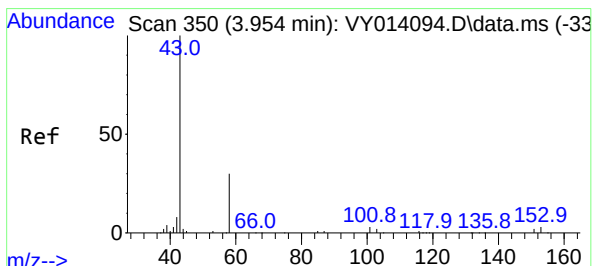
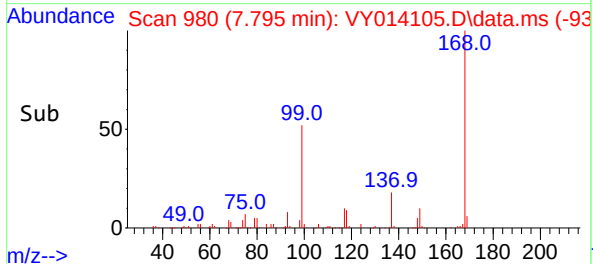
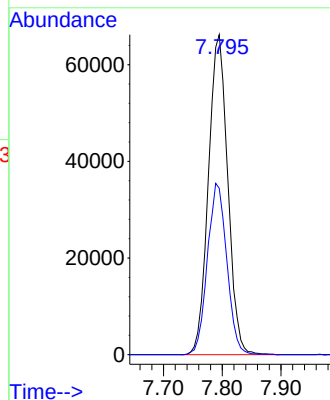
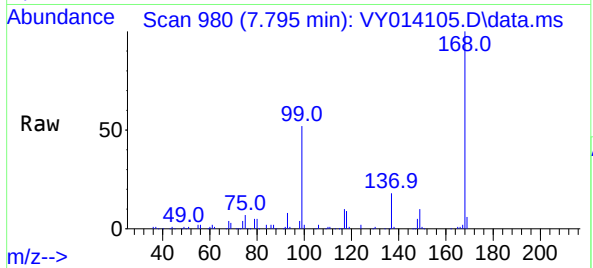




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014105.D
Acq: 09 Jun 2023 19:21

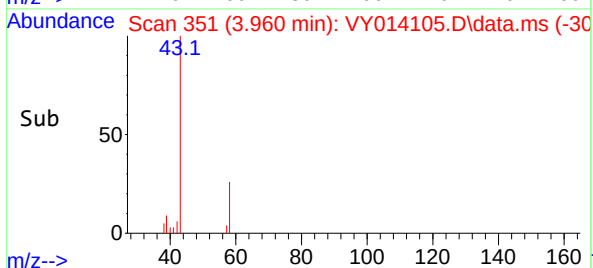
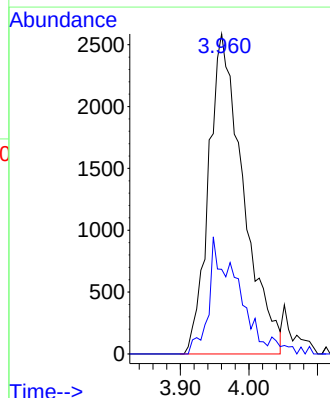
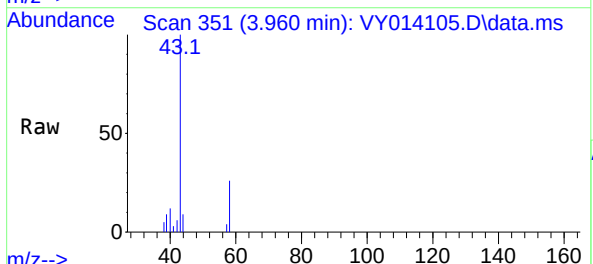
Instrument :
MSVOA_Y
ClientSampleId :
SB-07-5.0-7.0

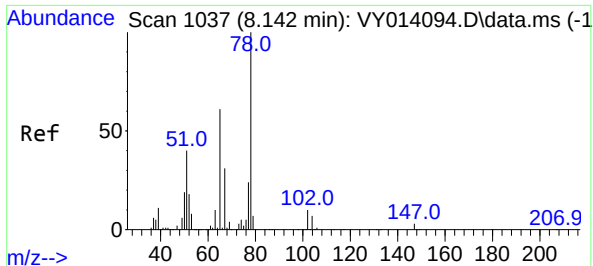
Tgt Ion:168 Resp: 151367
Ion Ratio Lower Upper
168 100
99 52.0 43.4 65.0



#16
Acetone
Concen: 14.261 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY014105.D
Acq: 09 Jun 2023 19:21

Tgt Ion: 43 Resp: 9061
Ion Ratio Lower Upper
43 100
58 26.4 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 49.304 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY014105.D

Acq: 09 Jun 2023 19:21

Instrument :

MSVOA_Y

ClientSampleId :

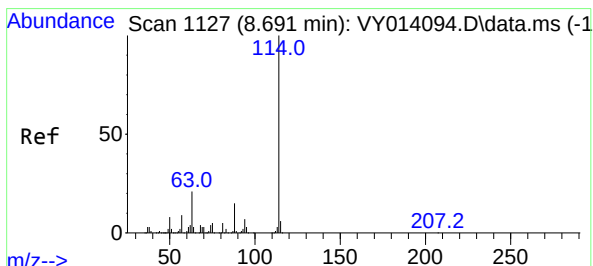
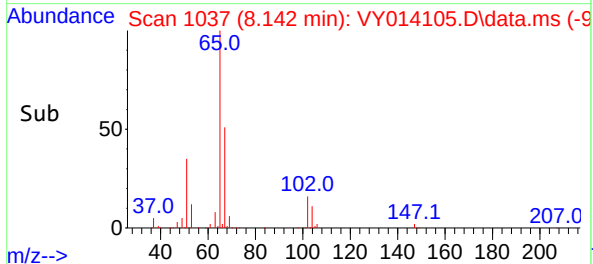
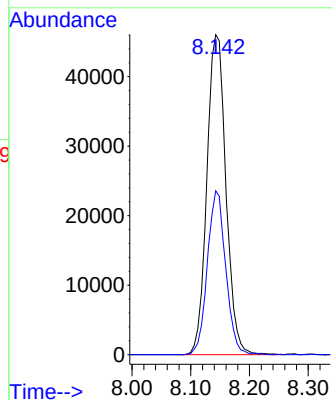
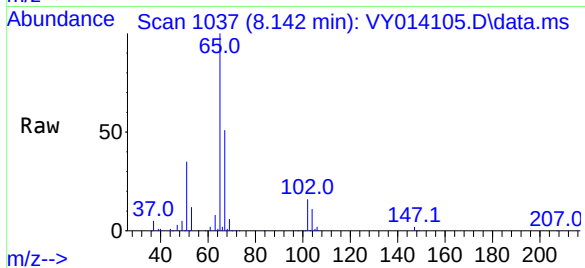
SB-07-5.0-7.0

Tgt Ion: 65 Resp: 103923

Ion Ratio Lower Upper

65 100

67 49.1 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: VY014105.D

Acq: 09 Jun 2023 19:21

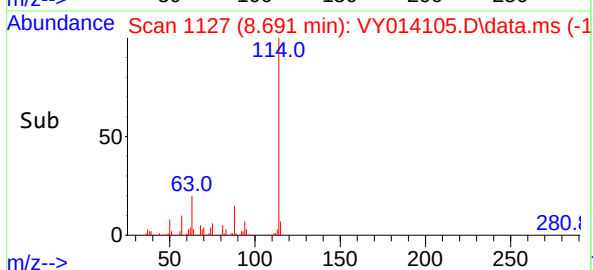
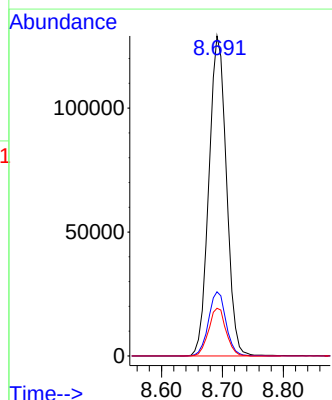
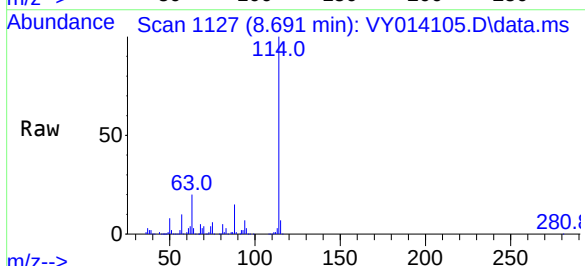
Tgt Ion: 114 Resp: 258186

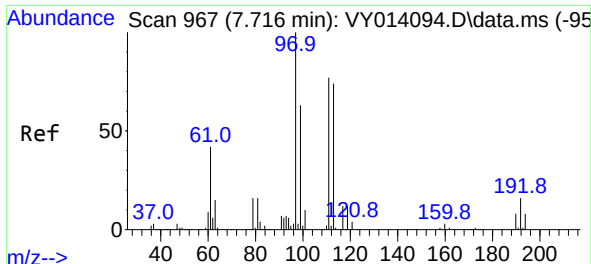
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.4

88 14.9 0.0 30.6

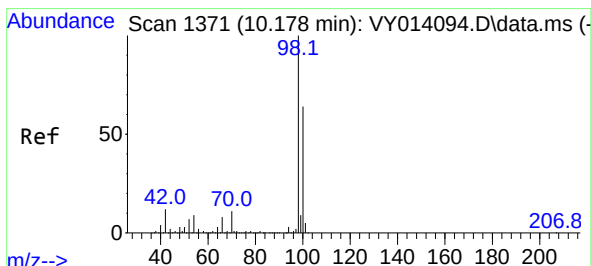
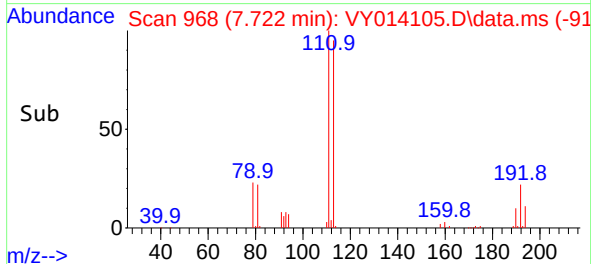
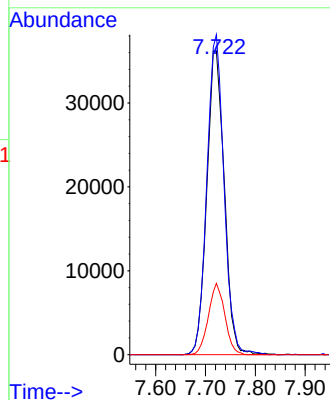
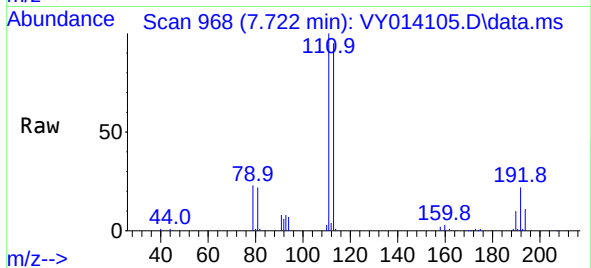




#35
Dibromofluoromethane
Concen: 48.181 ug/l
RT: 7.722 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY014105.D
Acq: 09 Jun 2023 19:21

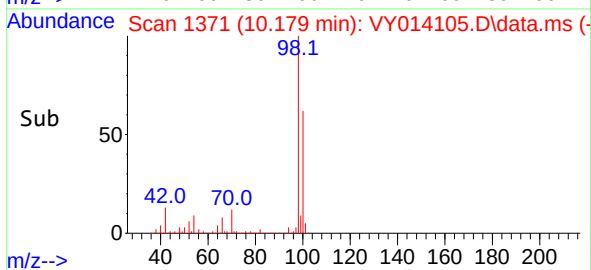
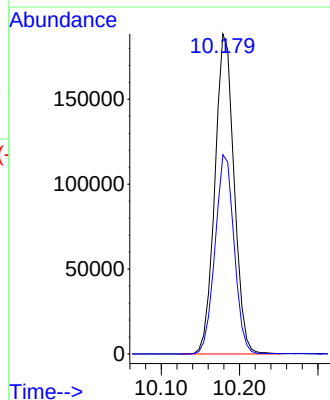
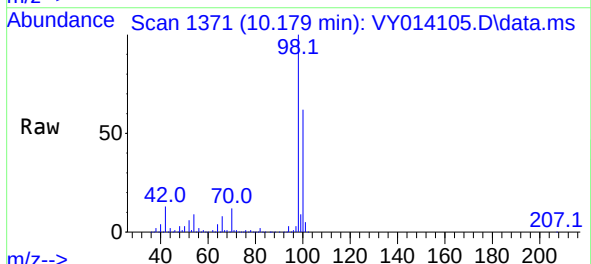
Instrument :
MSVOA_Y
ClientSampleId :
SB-07-5.0-7.0

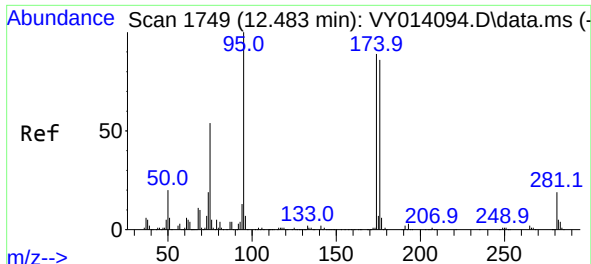
Tgt Ion:113 Resp: 88220
Ion Ratio Lower Upper
113 100
111 103.0 81.3 121.9
192 22.1 16.9 25.3



#50
Toluene-d8
Concen: 46.888 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014105.D
Acq: 09 Jun 2023 19:21

Tgt Ion: 98 Resp: 320966
Ion Ratio Lower Upper
98 100
100 62.0 50.1 75.1

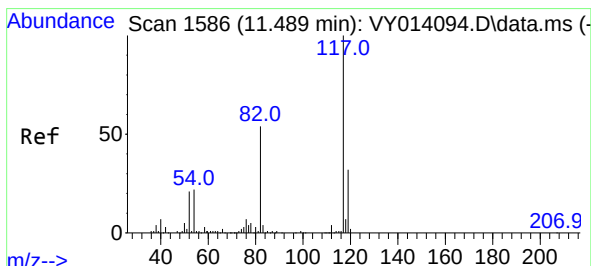
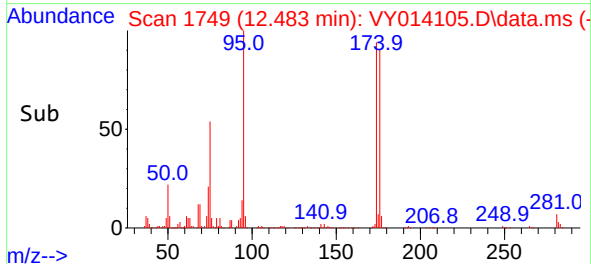
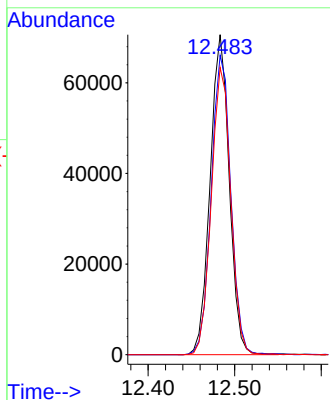
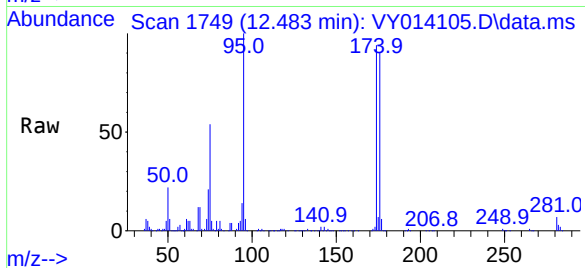




#62
4-Bromofluorobenzene
Concen: 44.567 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014105.D
Acq: 09 Jun 2023 19:21

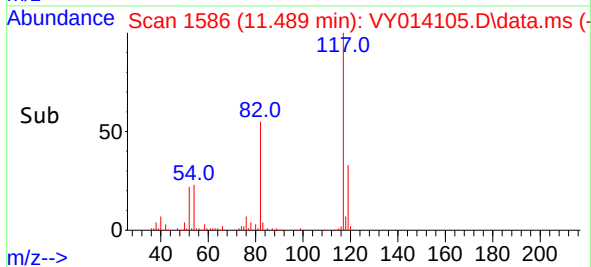
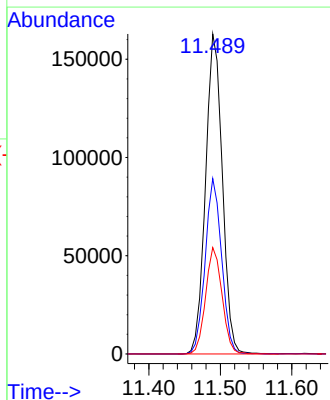
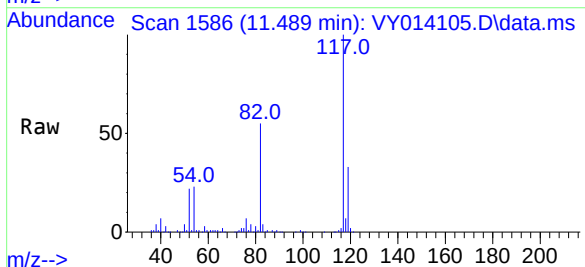
Instrument :
MSVOA_Y
ClientSampleId :
SB-07-5.0-7.0

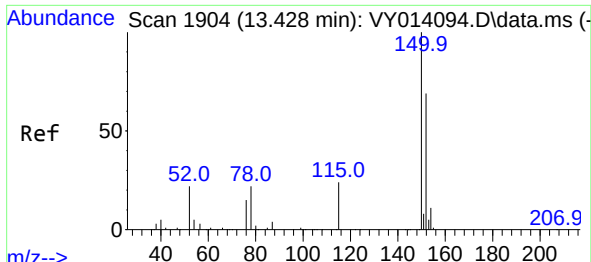
Tgt Ion: 95 Resp: 108372
Ion Ratio Lower Upper
95 100
174 95.9 0.0 178.2
176 91.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014105.D
Acq: 09 Jun 2023 19:21

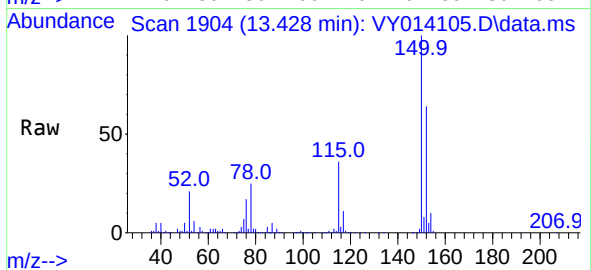
Tgt Ion: 117 Resp: 265609
Ion Ratio Lower Upper
117 100
82 54.8 43.4 65.0
119 33.3 26.3 39.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY014105.D
Acq: 09 Jun 2023 19:21

Instrument :
MSVOA_Y
ClientSampleId :
SB-07-5.0-7.0



Tgt Ion:152 Resp: 125754
Ion Ratio Lower Upper
152 100
115 56.1 28.8 86.5
150 157.0 0.0 348.8

