

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072623\
 Data File : VY014865.D
 Acq On : 26 Jul 2023 21:23
 Operator : SY/MD
 Sample : 03740-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-04-072423

Quant Time: Jul 27 01:14:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

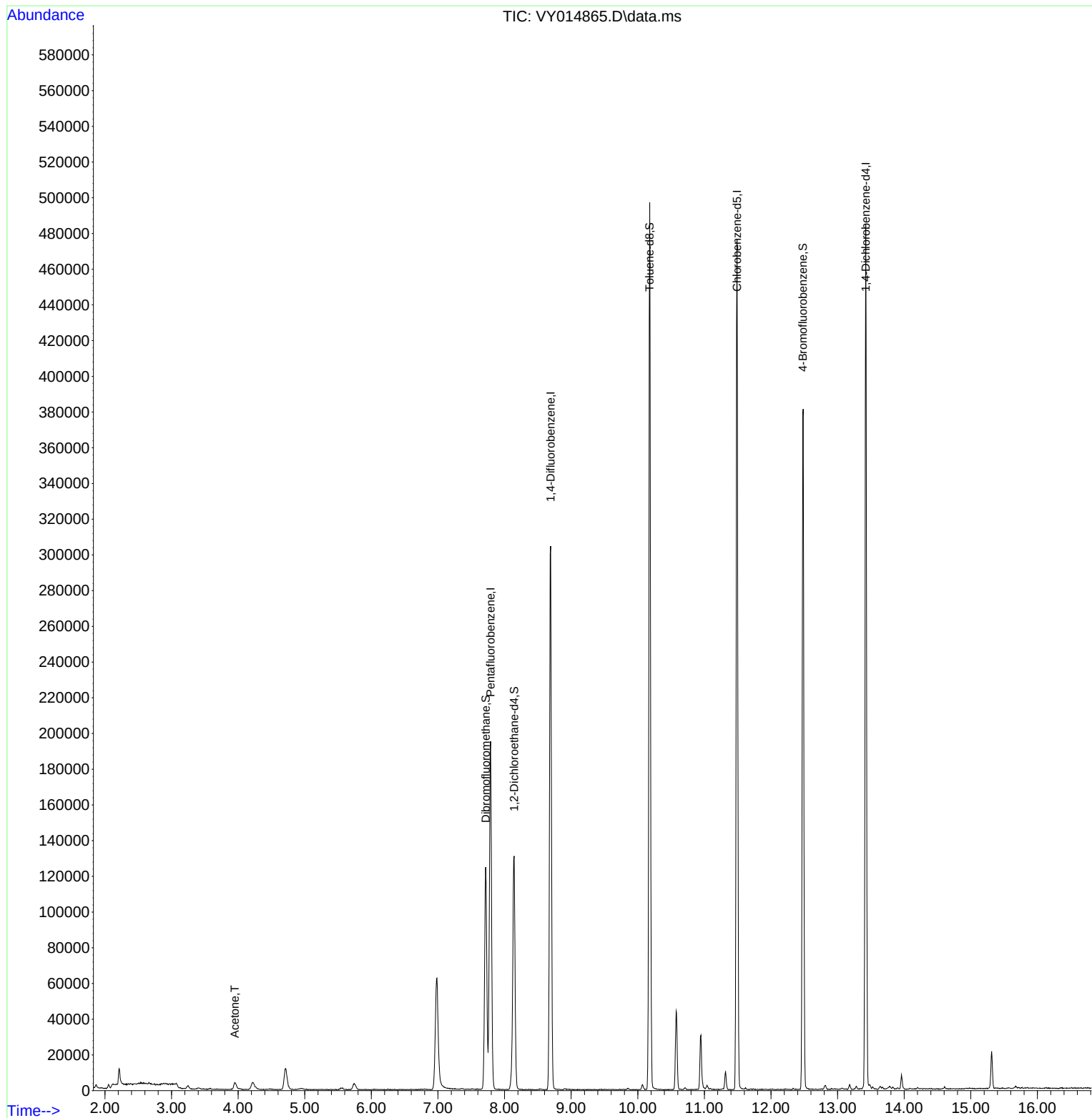
Internal Standards						
1) Pentafluorobenzene	7.789	168	150649	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	266345	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	258174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	119059	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	99338	57.866	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.740%
35) Dibromofluoromethane	7.716	113	85757	50.580	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.160%
50) Toluene-d8	10.179	98	317392	50.775	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.560%
62) 4-Bromofluorobenzene	12.477	95	117527	49.034	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.060%
Target Compounds						
16) Acetone	3.948	43	7095	13.042	ug/l	Qvalue 98

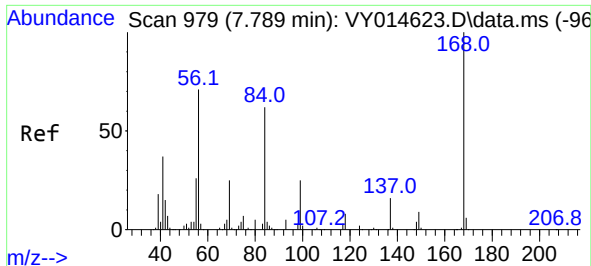
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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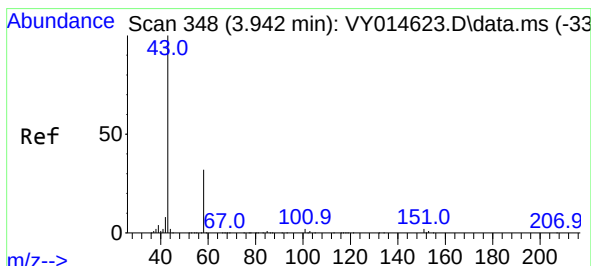
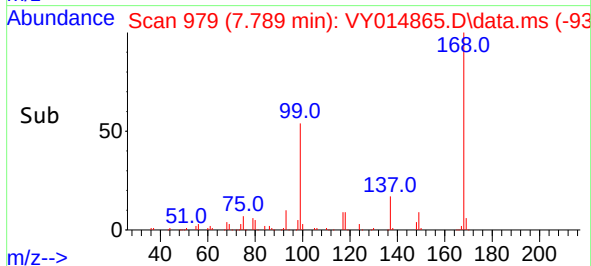
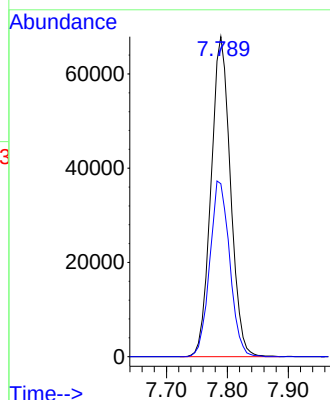
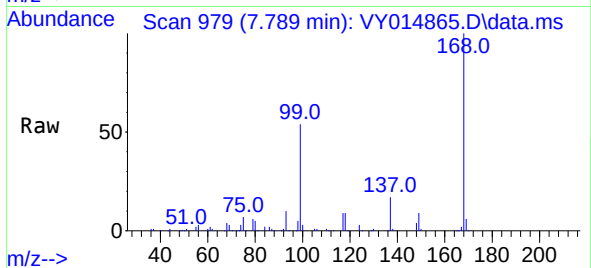




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014865.D
Acq: 26 Jul 2023 21:23

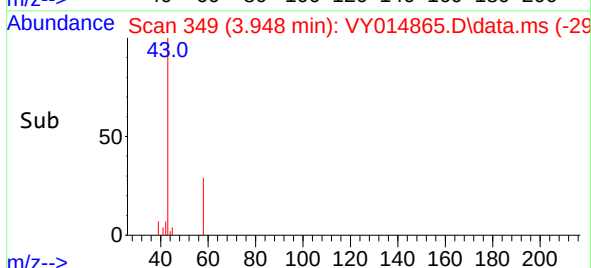
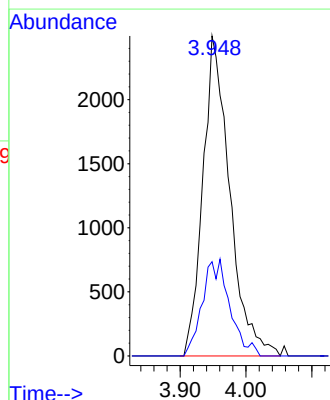
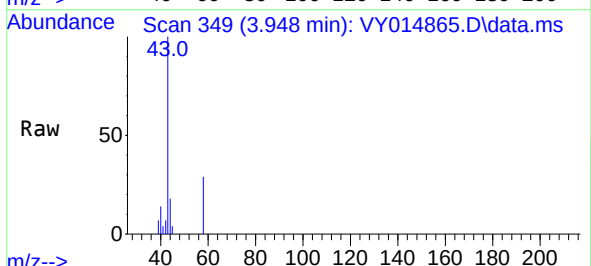
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-072423

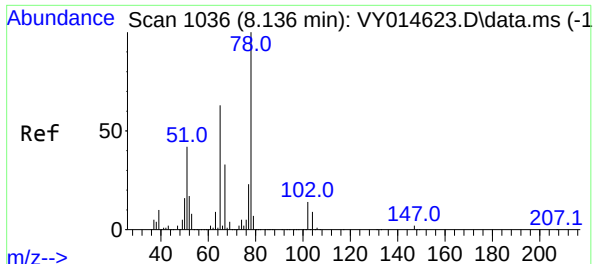
Tgt Ion:168 Resp: 150649
Ion Ratio Lower Upper
168 100
99 54.0 43.4 65.0



#16
Acetone
Concen: 13.042 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY014865.D
Acq: 26 Jul 2023 21:23

Tgt Ion: 43 Resp: 7095
Ion Ratio Lower Upper
43 100
58 29.4 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 57.866 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.007 min

Lab File: VY014865.D

Acq: 26 Jul 2023 21:23

Instrument :

MSVOA_Y

ClientSampleId :

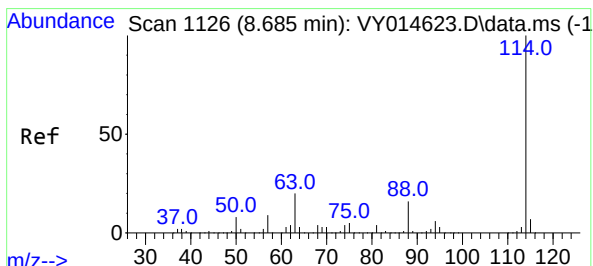
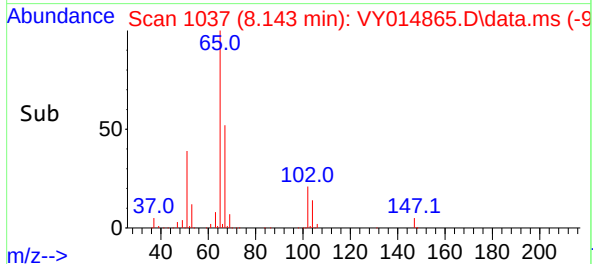
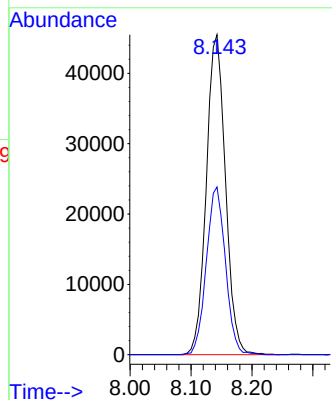
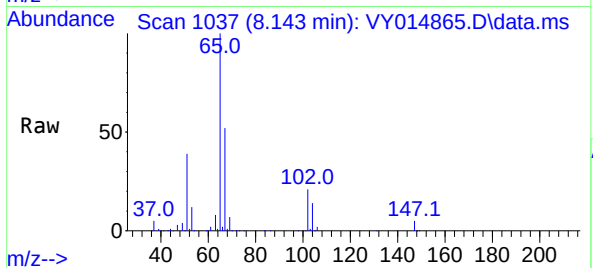
SU-04-072423

Tgt Ion: 65 Resp: 99338

Ion Ratio Lower Upper

65 100

67 52.4 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014865.D

Acq: 26 Jul 2023 21:23

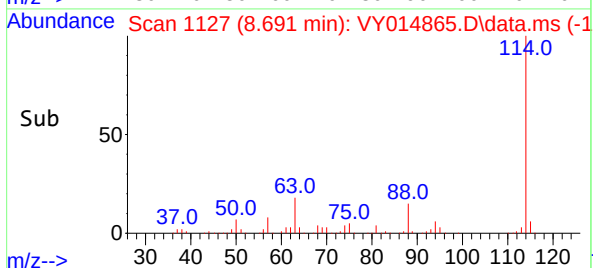
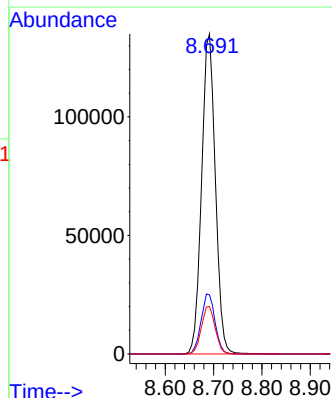
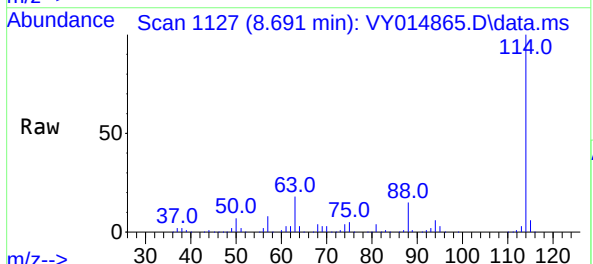
Tgt Ion: 114 Resp: 266345

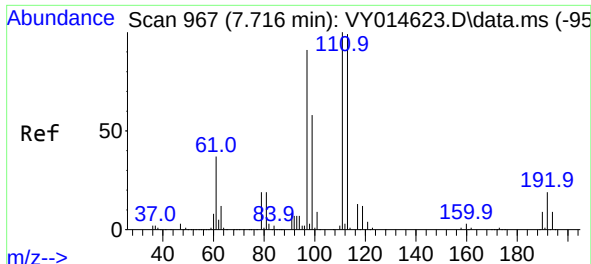
Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.4

88 14.9 0.0 30.6

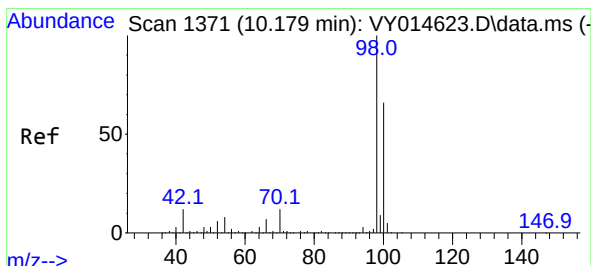
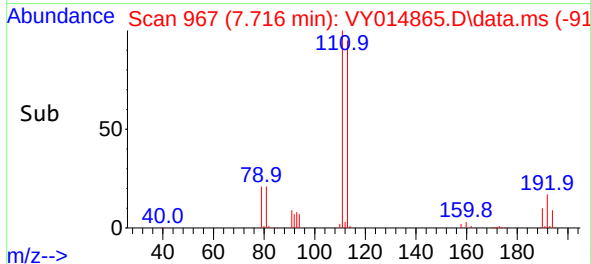
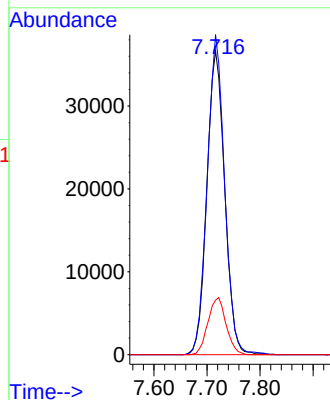
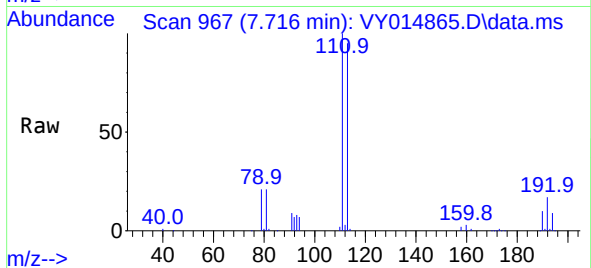




#35
Dibromofluoromethane
Concen: 50.580 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014865.D
Acq: 26 Jul 2023 21:23

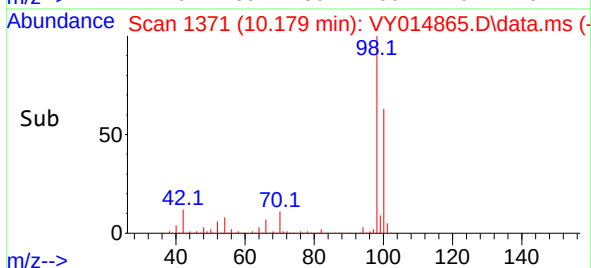
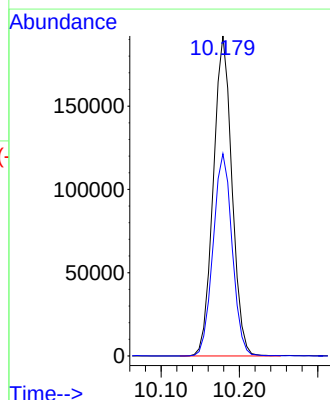
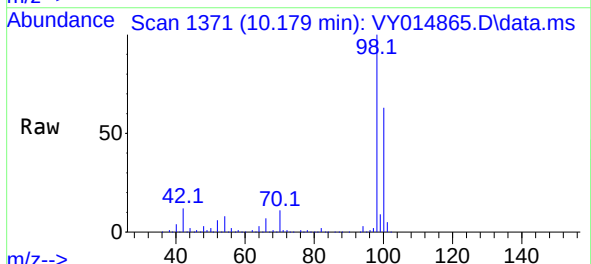
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-072423

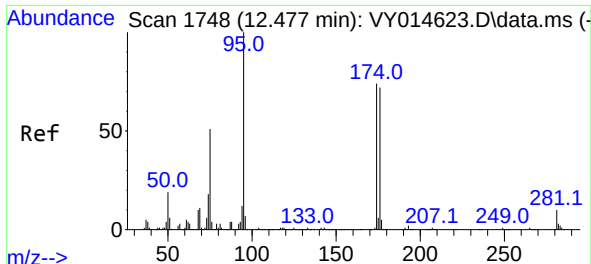
Tgt Ion:113 Resp: 85757
Ion Ratio Lower Upper
113 100
111 102.7 81.3 121.9
192 19.1 16.9 25.3



#50
Toluene-d8
Concen: 50.775 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014865.D
Acq: 26 Jul 2023 21:23

Tgt Ion: 98 Resp: 317392
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1

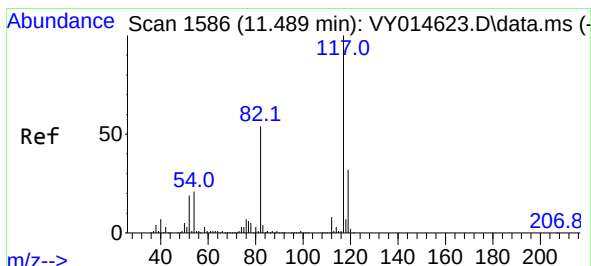
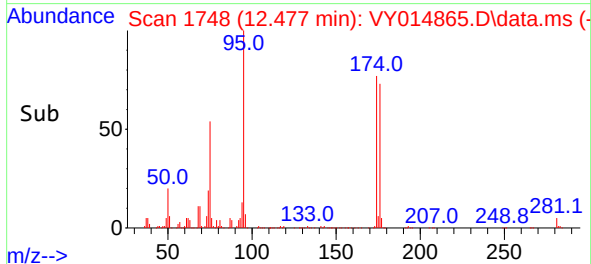
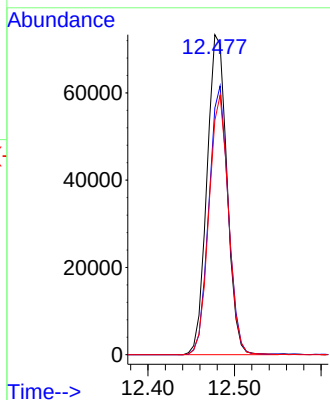
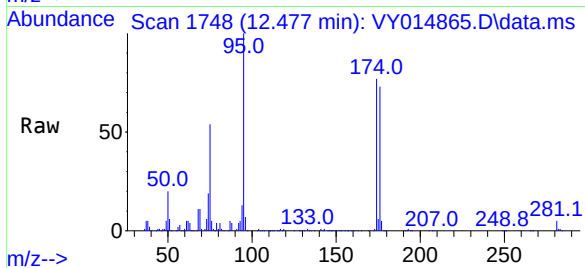




#62
4-Bromofluorobenzene
Concen: 49.034 ug/l
RT: 12.477 min Scan# 117527
Delta R.T. 0.000 min
Lab File: VY014865.D
Acq: 26 Jul 2023 21:23

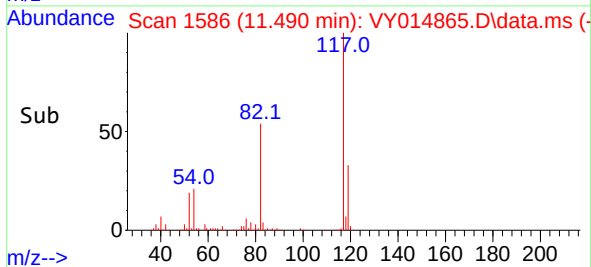
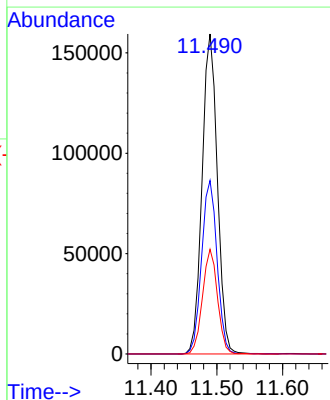
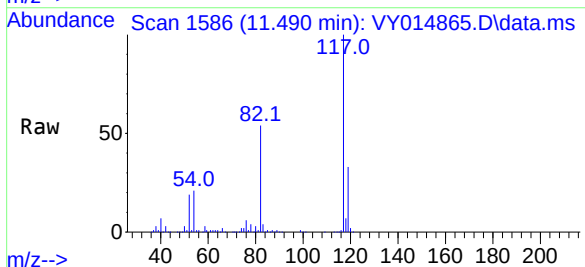
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-072423

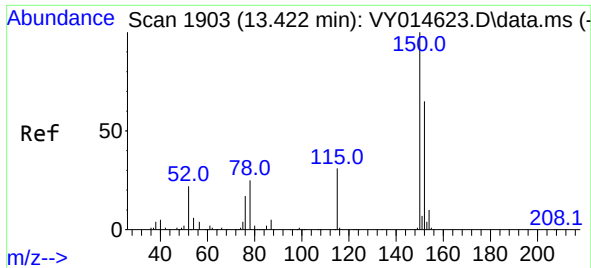
Tgt Ion:	95	Resp:	117527
Ion	Ratio	Lower	Upper
95	100		
174	81.5	0.0	178.2
176	79.1	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014865.D
Acq: 26 Jul 2023 21:23

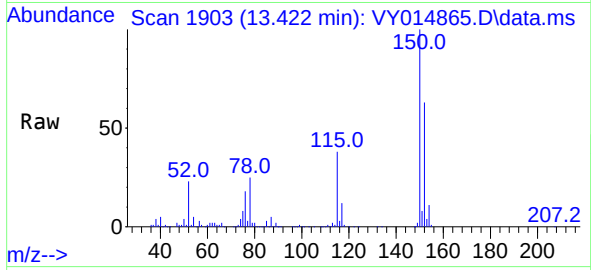
Tgt Ion:	117	Resp:	258174
Ion	Ratio	Lower	Upper
117	100		
82	54.2	43.4	65.0
119	32.7	26.3	39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY014865.D
 Acq: 26 Jul 2023 21:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-04-072423



Tgt Ion:152 Resp: 119059

Ion	Ratio	Lower	Upper
152	100		
115	59.4	28.8	86.5
150	158.1	0.0	348.8

