

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100522\
 Data File : VY010823.D
 Acq On : 05 Oct 2022 16:24
 Operator : KP/MD
 Sample : N5004-03
 Misc : 5.83g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DA-14-8.5

Quant Time: Oct 06 09:21:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

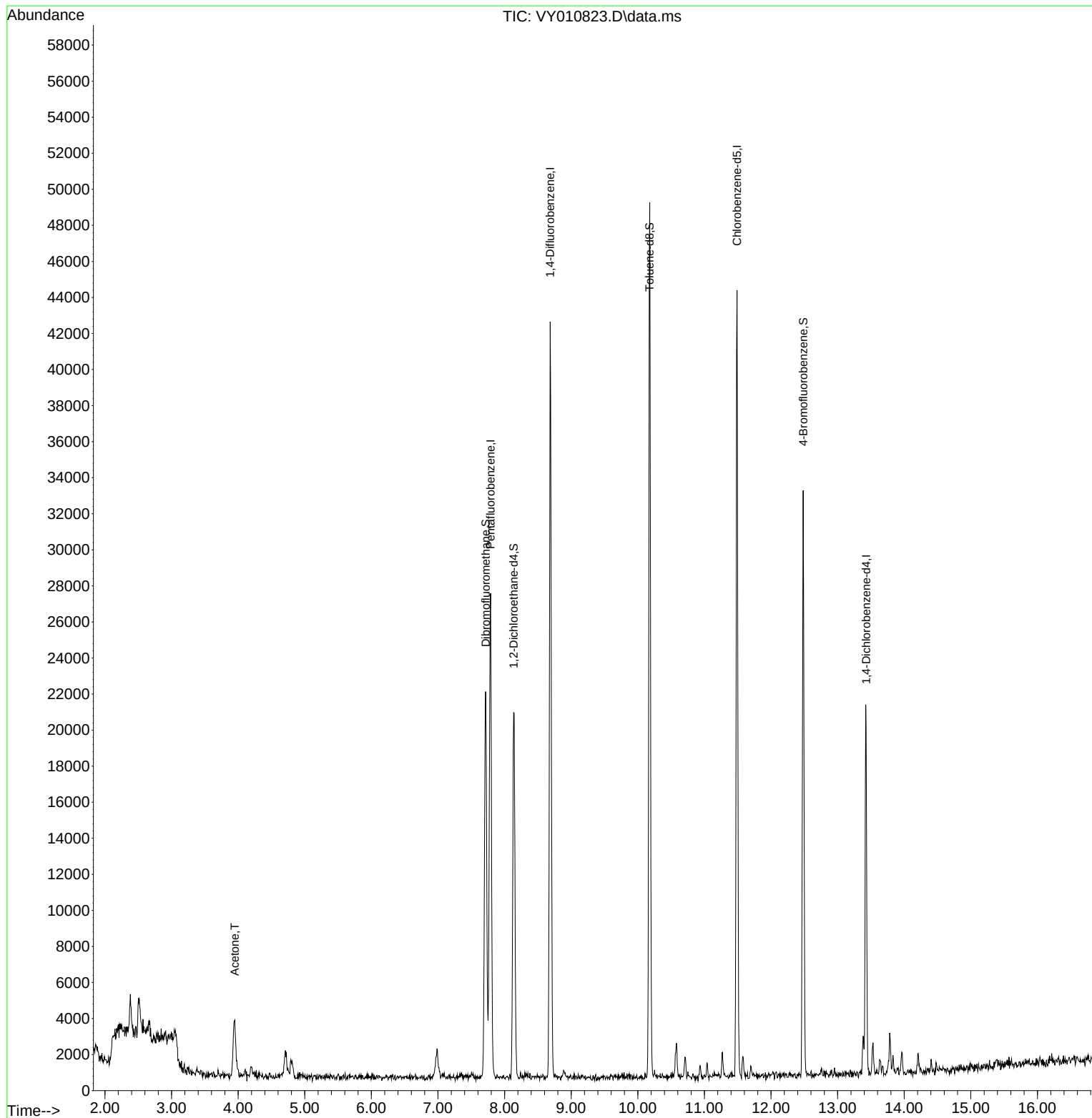
Internal Standards						
1) Pentafluorobenzene	7.789	168	21324	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	34950	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	25170	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	5395	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	16694	77.235	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	154.480%
35) Dibromofluoromethane	7.716	113	15251	65.737	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	131.480%
50) Toluene-d8	10.179	98	32785	41.321	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	82.640%
62) 4-Bromofluorobenzene	12.483	95	7844	23.344	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	46.680%
Target Compounds						
16) Acetone	3.948	43	5993	109.171	ug/l	Qvalue 96

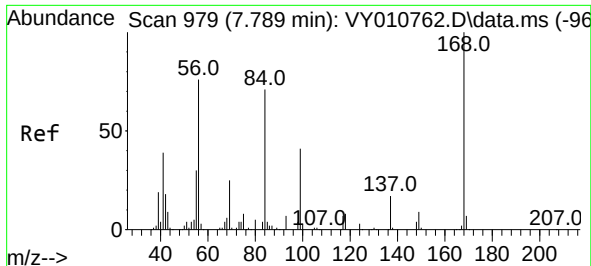
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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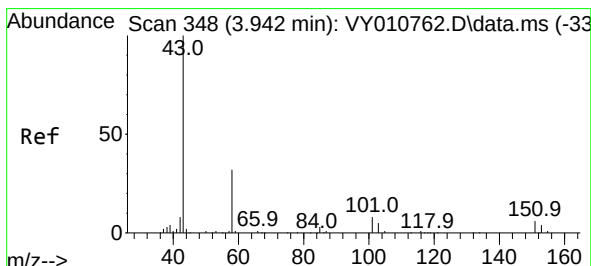
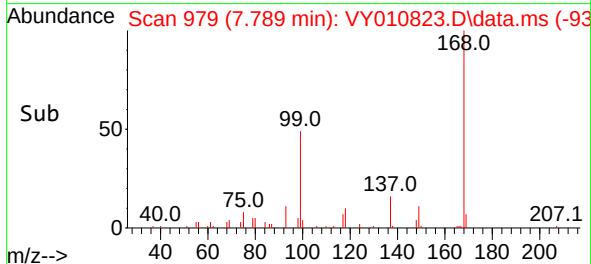
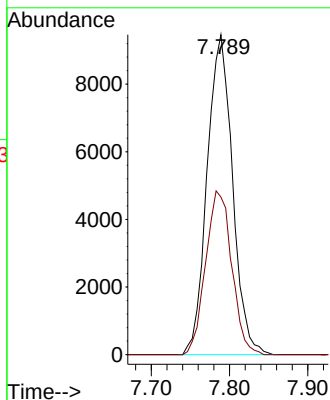
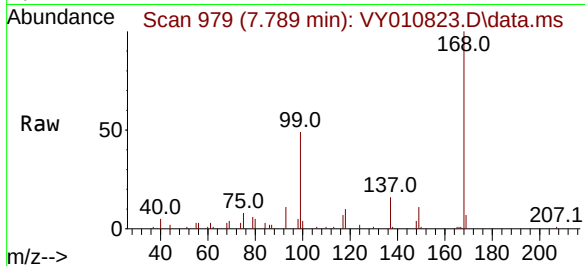




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010823.D
Acq: 05 Oct 2022 16:24

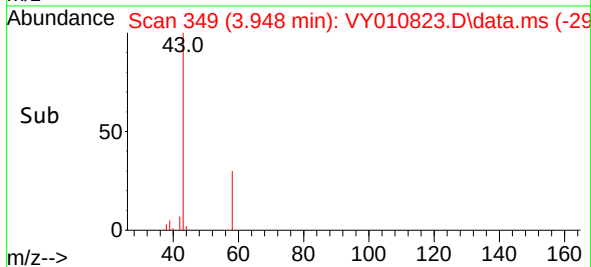
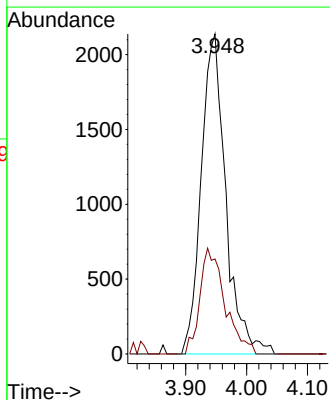
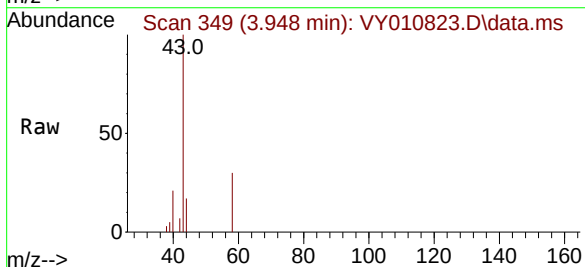
Instrument :
MSVOA_Y
ClientSampleId :
DA-14-8.5

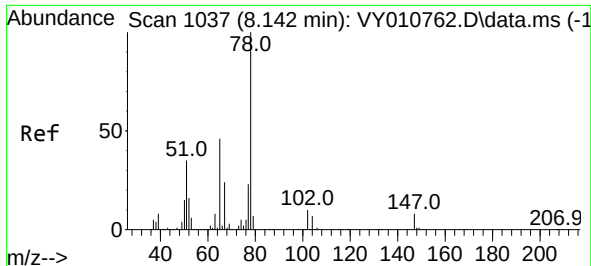
Tgt Ion:168 Resp: 21324
Ion Ratio Lower Upper
168 100
99 49.3 46.9 70.3



#16
Acetone
Concen: 109.171 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY010823.D
Acq: 05 Oct 2022 16:24

Tgt Ion: 43 Resp: 5993
Ion Ratio Lower Upper
43 100
58 29.7 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 77.235 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY010823.D

Acq: 05 Oct 2022 16:24

Instrument :

MSVOA_Y

ClientSampleId :

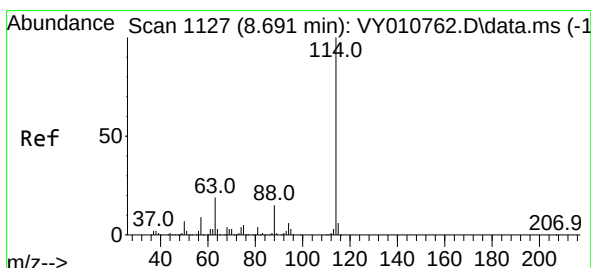
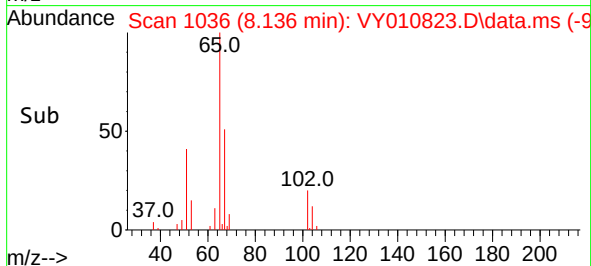
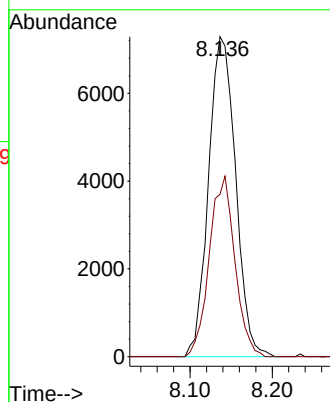
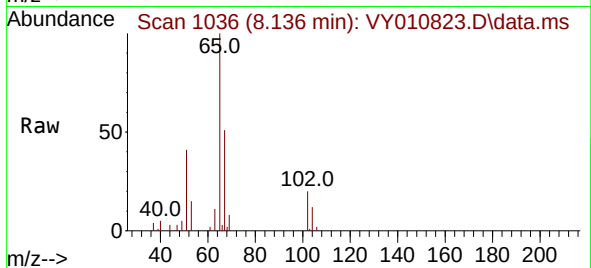
DA-14-8.5

Tgt Ion: 65 Resp: 16694

Ion Ratio Lower Upper

65 100

67 53.2 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY010823.D

Acq: 05 Oct 2022 16:24

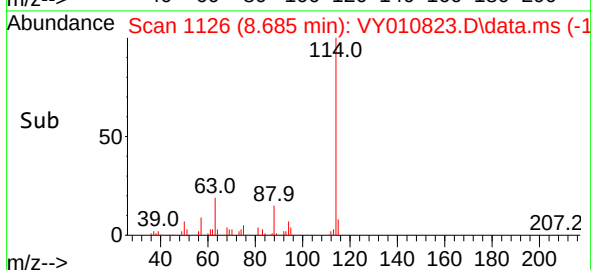
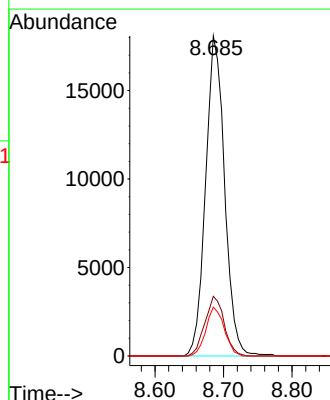
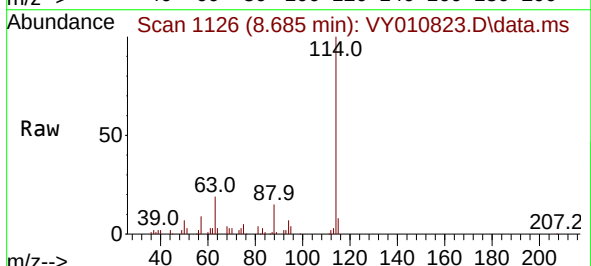
Tgt Ion: 114 Resp: 34950

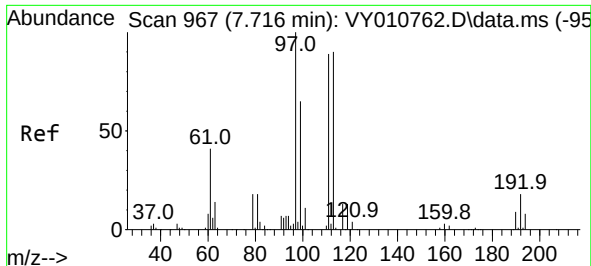
Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

88 15.2 0.0 31.8

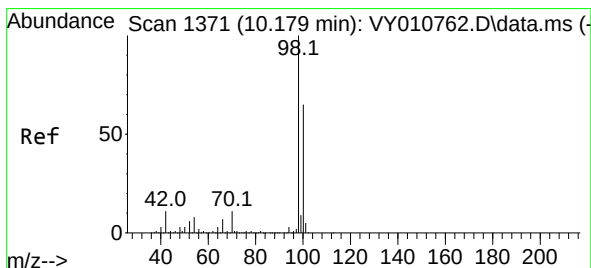
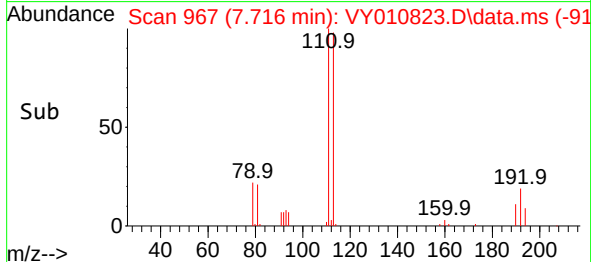
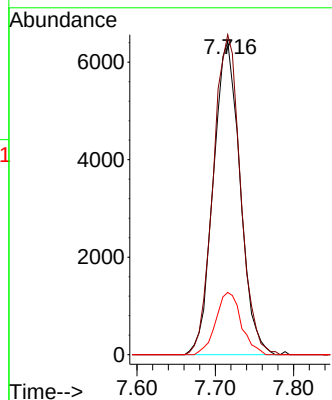
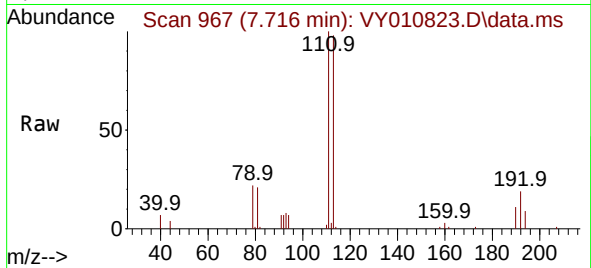




#35
Dibromofluoromethane
Concen: 65.737 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010823.D
Acq: 05 Oct 2022 16:24

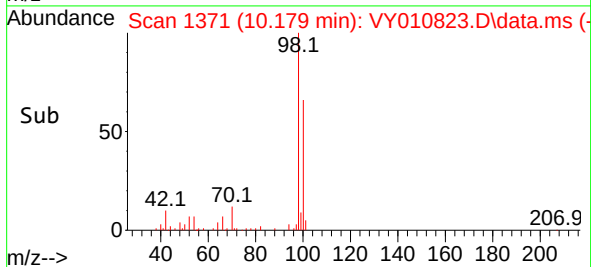
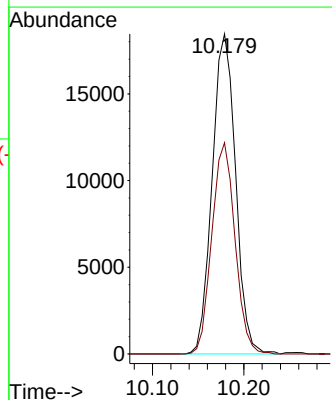
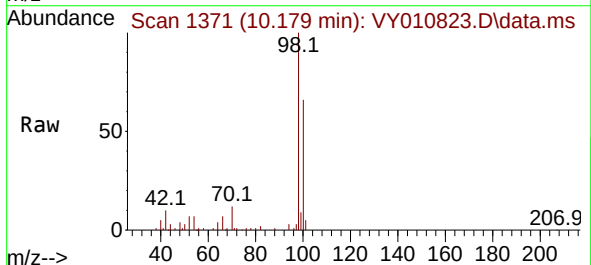
Instrument :
MSVOA_Y
ClientSampleId :
DA-14-8.5

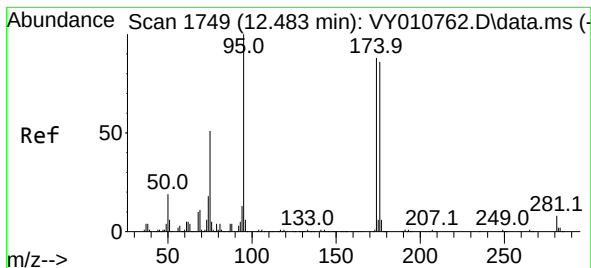
Tgt Ion:113 Resp: 15251
Ion Ratio Lower Upper
113 100
111 103.7 82.6 124.0
192 18.9 17.6 26.4



#50
Toluene-d8
Concen: 41.321 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010823.D
Acq: 05 Oct 2022 16:24

Tgt Ion: 98 Resp: 32785
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2

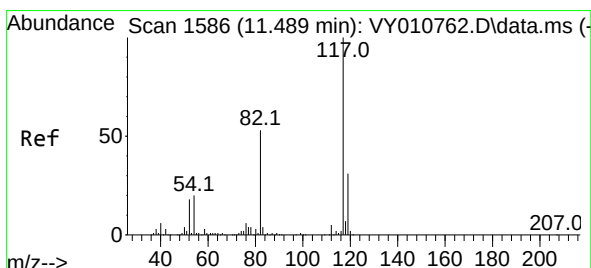
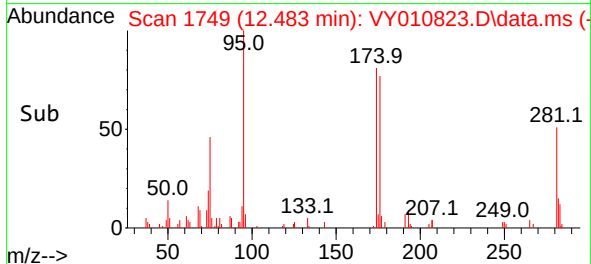
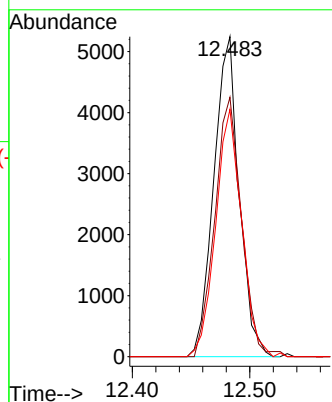
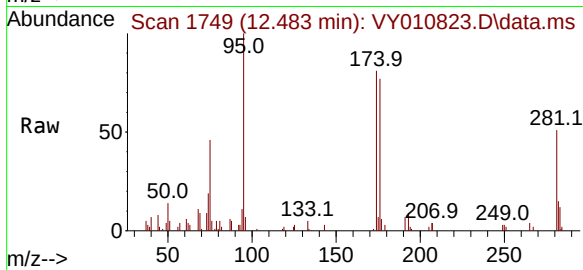




#62
4-Bromofluorobenzene
Concen: 23.344 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010823.D
Acq: 05 Oct 2022 16:24

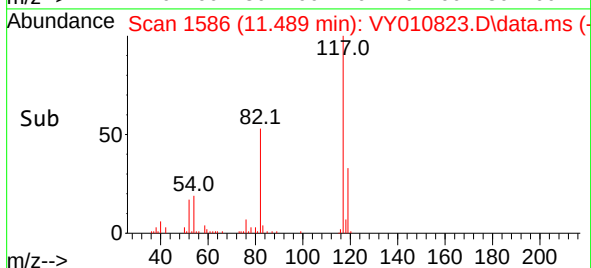
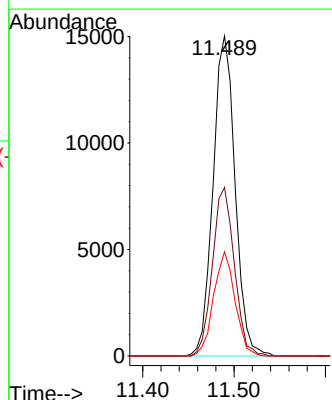
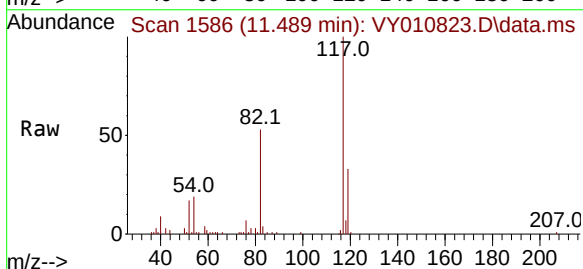
Instrument :
MSVOA_Y
ClientSampleId :
DA-14-8.5

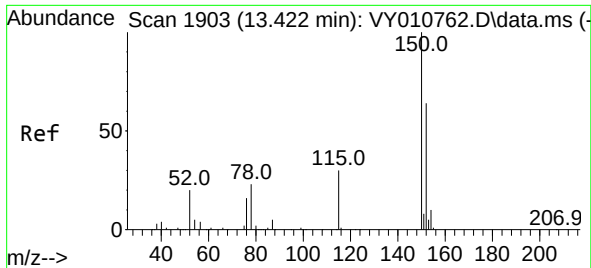
Tgt Ion:	95	Resp:	7844
Ion	Ratio	Lower	Upper
95	100		
174	85.3	0.0	177.0
176	79.8	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010823.D
Acq: 05 Oct 2022 16:24

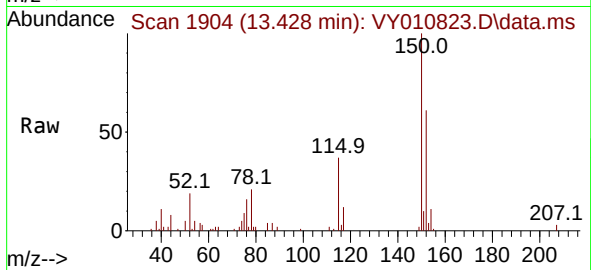
Tgt Ion:	117	Resp:	25170
Ion	Ratio	Lower	Upper
117	100		
82	52.7	43.0	64.4
119	32.6	25.4	38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY010823.D
 Acq: 05 Oct 2022 16:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 DA-14-8.5



Tgt Ion:	152	Resp:	5395
Ion Ratio	Lower	Upper	
152	100		
115	58.5	28.2	84.7
150	164.0	0.0	347.6

