

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100722\
 Data File : VY010870.D
 Acq On : 07 Oct 2022 14:34
 Operator : KP/MD
 Sample : N5046-06
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 R-6

Quant Time: Oct 08 04:47:08 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)

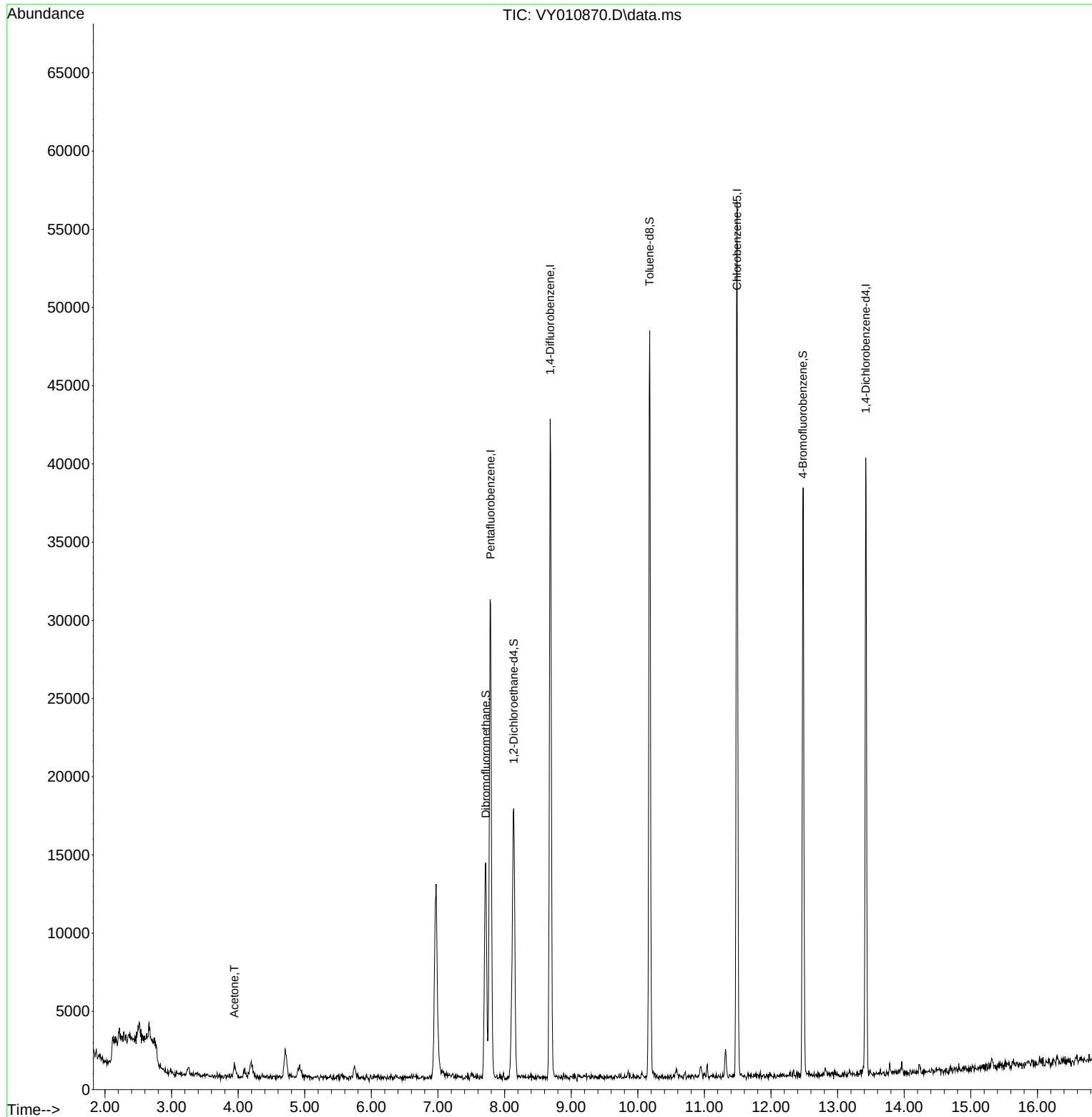
Internal Standards						
1) Pentafluorobenzene	7.789	168	23959	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	36697	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	30206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	10499	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	12284	50.582	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.160%
35) Dibromofluoromethane	7.716	113	9798	40.222	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.440%
50) Toluene-d8	10.179	98	32772	39.339	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.680%
62) 4-Bromofluorobenzene	12.477	95	10771	31.751	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	63.500%
Target Compounds						
16) Acetone	3.942	43	1256	20.364	ug/l	Qvalue 99

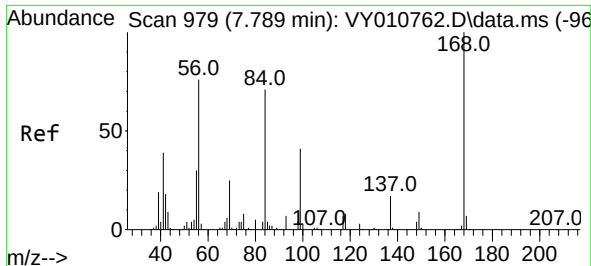
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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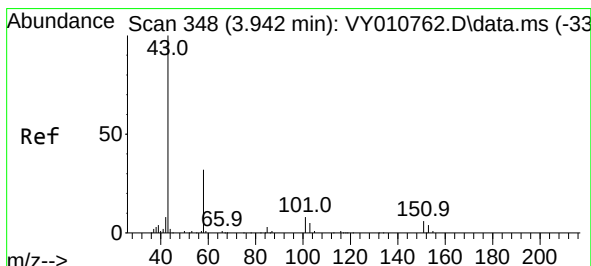
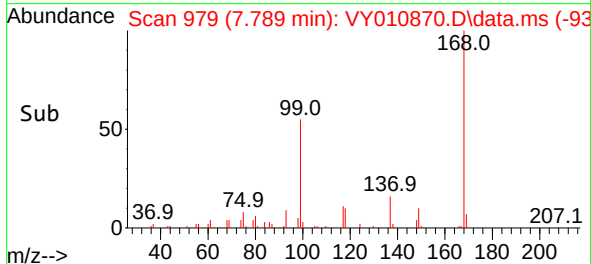
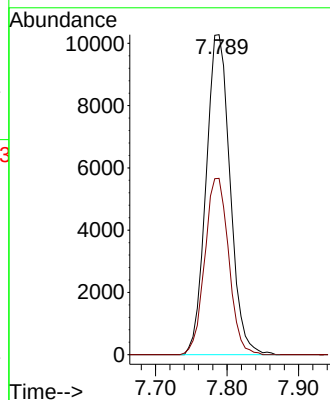
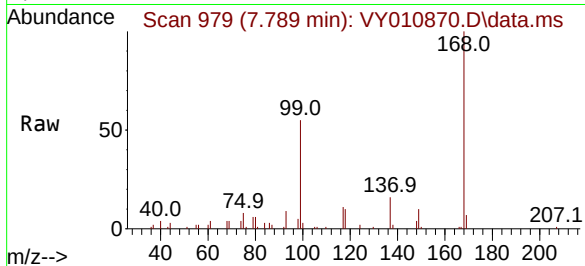




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010870.D
Acq: 07 Oct 2022 14:34

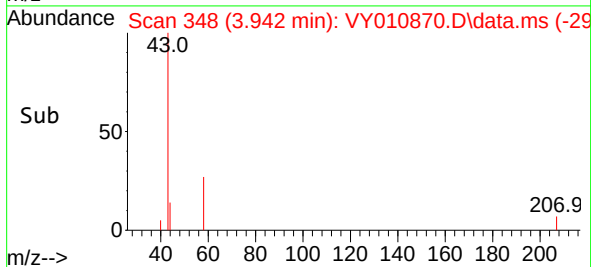
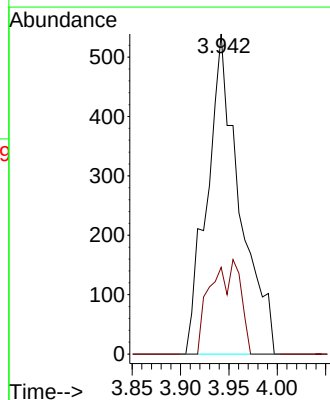
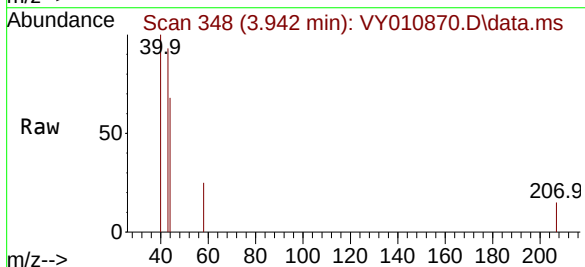
Instrument :
MSVOA_Y
ClientSampleId :
R-6

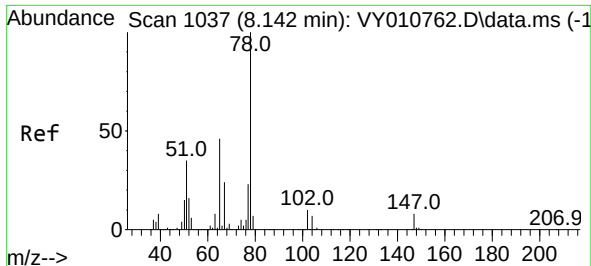
Tgt Ion:168 Resp: 23959
Ion Ratio Lower Upper
168 100
99 55.1 46.9 70.3



#16
Acetone
Concen: 20.364 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010870.D
Acq: 07 Oct 2022 14:34

Tgt Ion: 43 Resp: 1256
Ion Ratio Lower Upper
43 100
58 27.1 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 50.582 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY010870.D

Acq: 07 Oct 2022 14:34

Instrument :

MSVOA_Y

ClientSampleId :

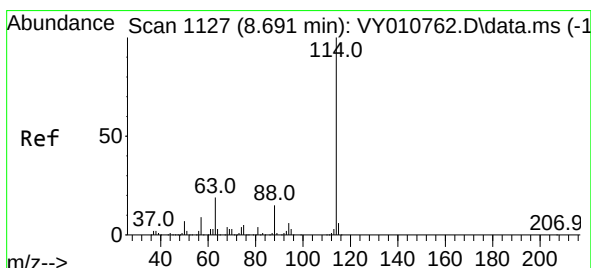
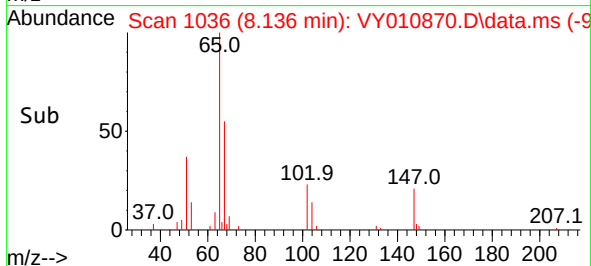
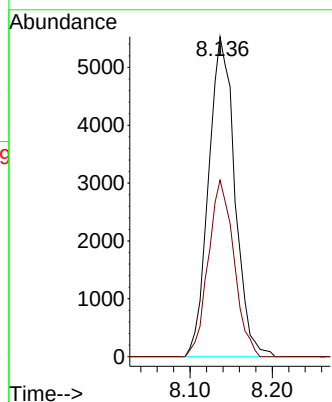
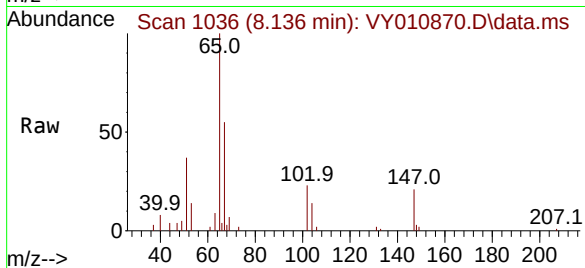
R-6

Tgt Ion: 65 Resp: 12284

Ion Ratio Lower Upper

65 100

67 53.8 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: VY010870.D

Acq: 07 Oct 2022 14:34

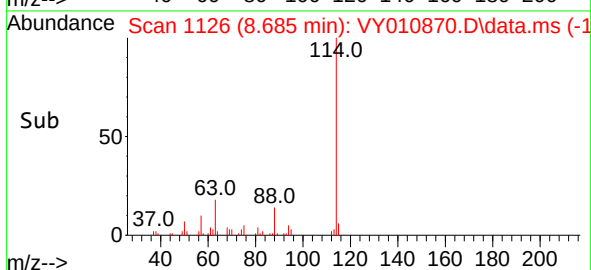
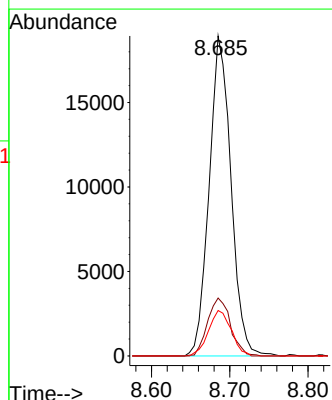
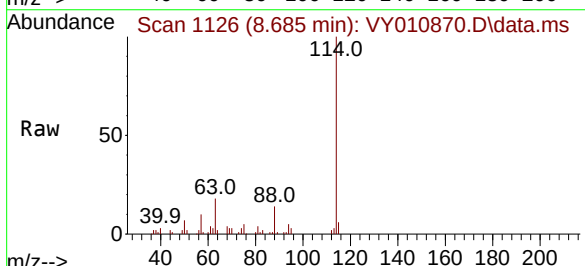
Tgt Ion: 114 Resp: 36697

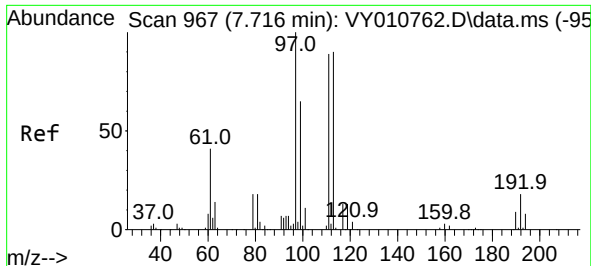
Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 14.2 0.0 31.8

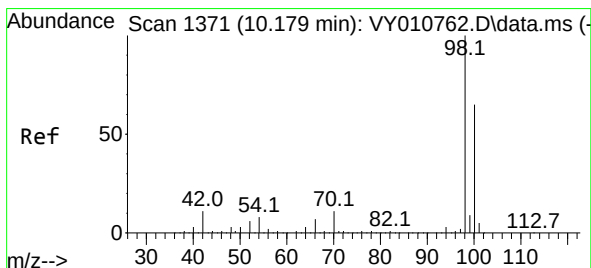
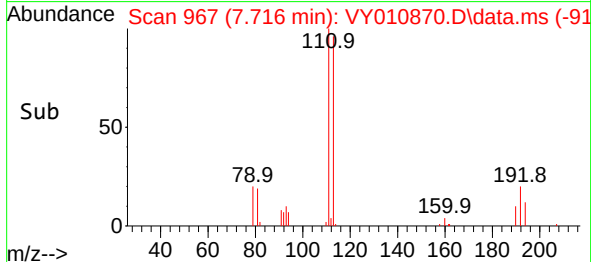
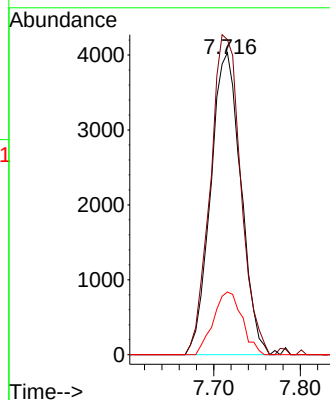
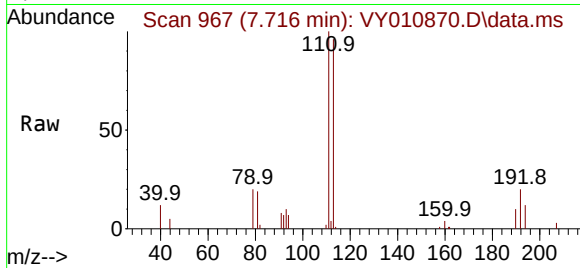




#35
Dibromofluoromethane
Concen: 40.222 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY010870.D
Acq: 07 Oct 2022 14:34

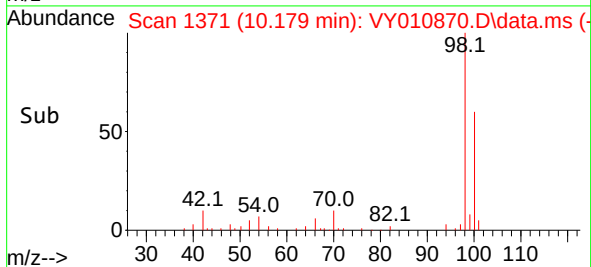
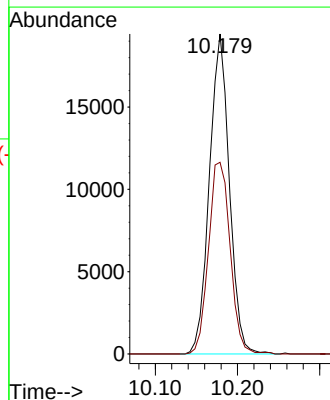
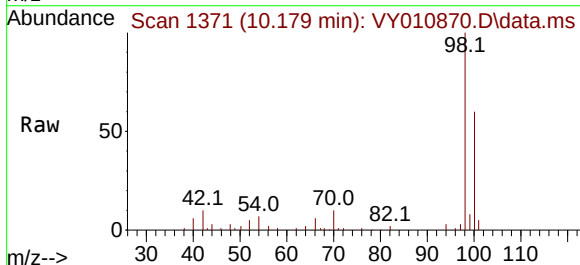
Instrument :
MSVOA_Y
ClientSampleId :
R-6

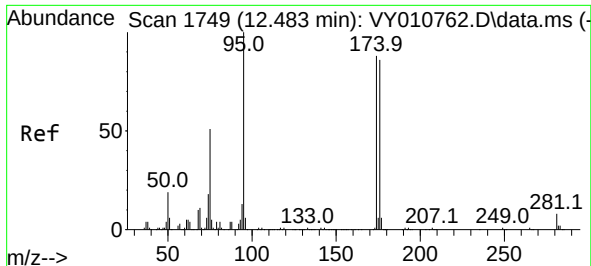
Tgt Ion:113 Resp: 9798
Ion Ratio Lower Upper
113 100
111 106.5 82.6 124.0
192 19.6 17.6 26.4



#50
Toluene-d8
Concen: 39.339 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010870.D
Acq: 07 Oct 2022 14:34

Tgt Ion: 98 Resp: 32772
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2

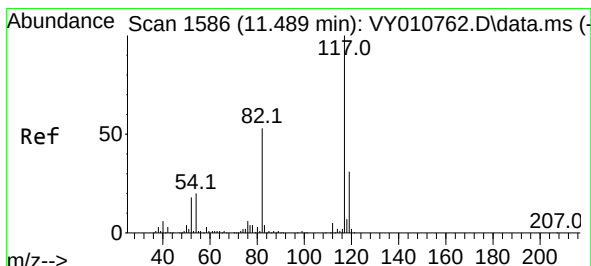
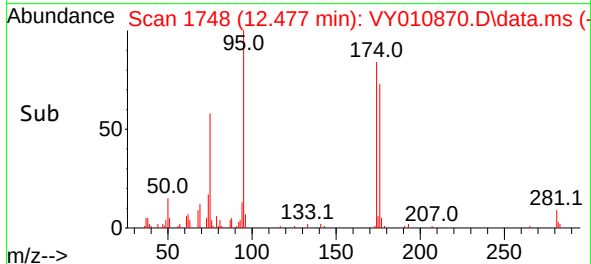
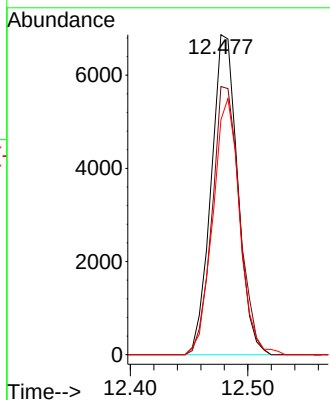
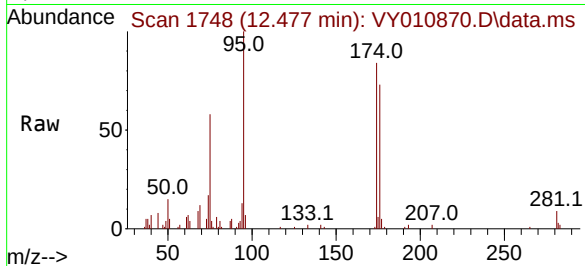




#62
4-Bromofluorobenzene
Concen: 31.751 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010870.D
Acq: 07 Oct 2022 14:34

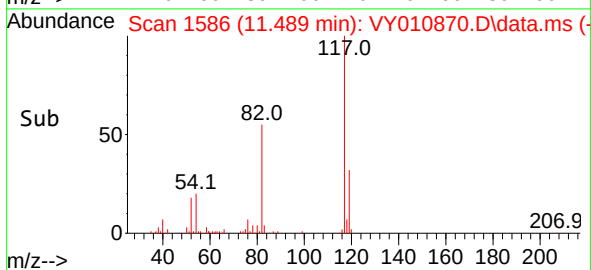
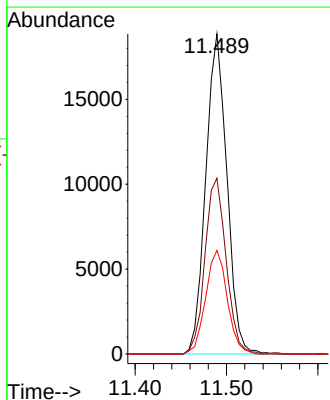
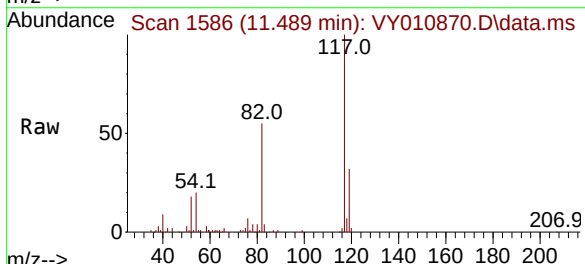
Instrument :
MSVOA_Y
ClientSampleId :
R-6

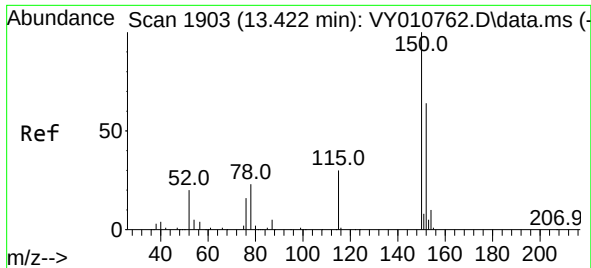
Tgt Ion:	95	Resp:	10771
Ion	Ratio	Lower	Upper
95	100		
174	86.8	0.0	177.0
176	81.4	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010870.D
Acq: 07 Oct 2022 14:34

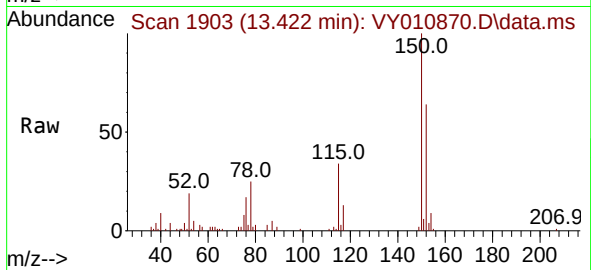
Tgt Ion:	117	Resp:	30206
Ion	Ratio	Lower	Upper
117	100		
82	54.9	43.0	64.4
119	32.3	25.4	38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY010870.D
 Acq: 07 Oct 2022 14:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 R-6



Tgt Ion:	152	Resp:	10499
Ion Ratio	Lower	Upper	
152	100		
115	56.2	28.2	84.7
150	156.5	0.0	347.6

