

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100422\
 Data File : VY010788.D
 Acq On : 04 Oct 2022 12:31
 Operator : KP/MD
 Sample : N4946-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-01-093022

Quant Time: Oct 05 07:26:58 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)

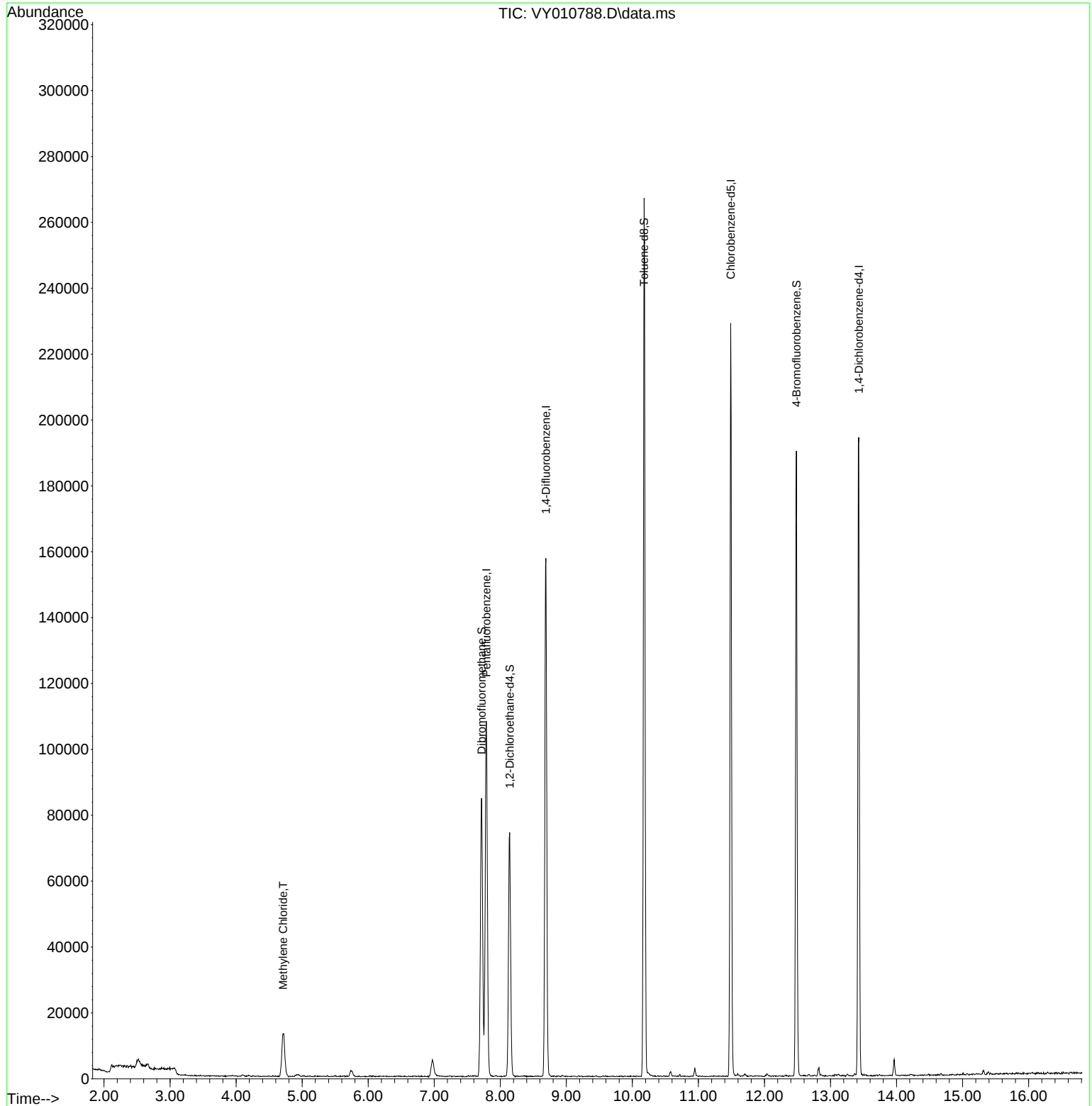
Internal Standards						
1) Pentafluorobenzene	7.789	168	85299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	137601	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	125004	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	52311	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	58870	68.088	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.180%
35) Dibromofluoromethane	7.716	113	59552	65.198	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	130.400%
50) Toluene-d8	10.179	98	175936	56.322	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.640%
62) 4-Bromofluorobenzene	12.483	95	56650	46.135	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.260%
Target Compounds						
20) Methylene Chloride	4.710	84	10496	6.351	ug/l	Qvalue 88

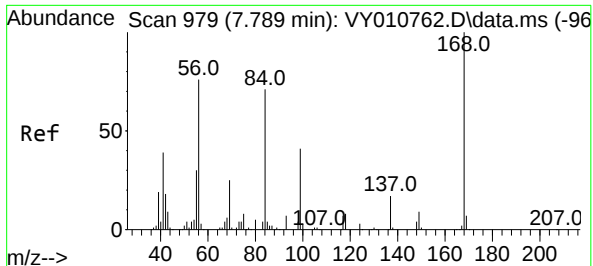
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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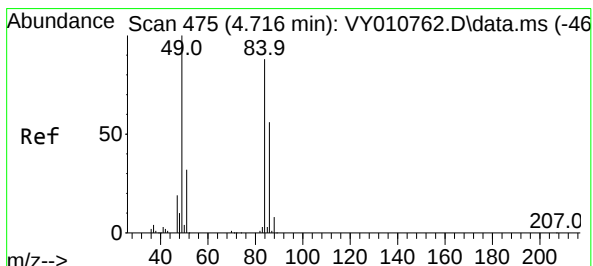
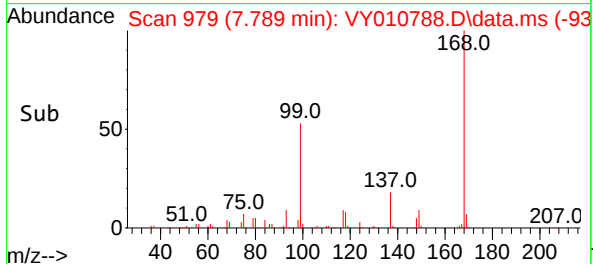
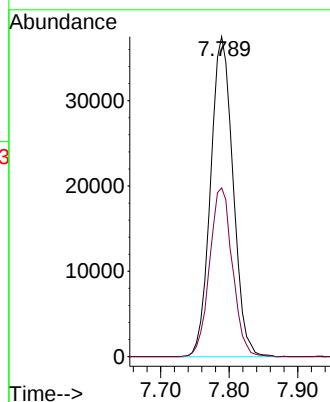
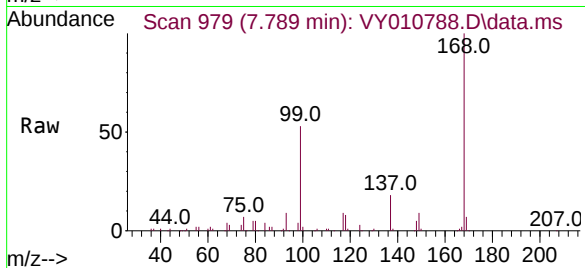




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010788.D
Acq: 04 Oct 2022 12:31

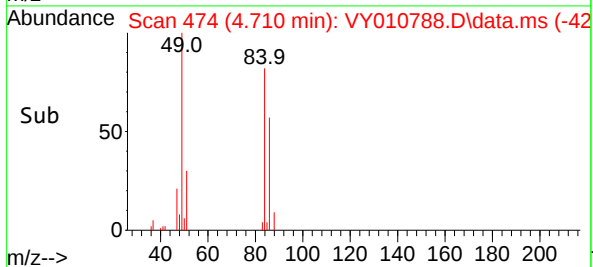
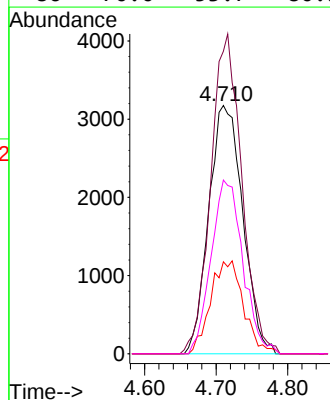
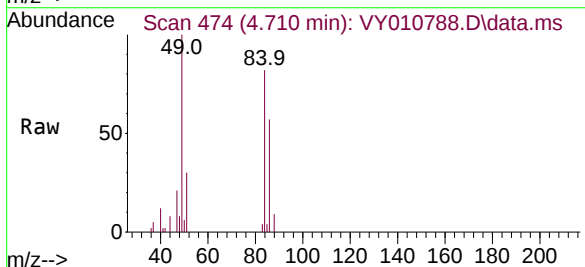
Instrument :
MSVOA_Y
ClientSampleId :
HD-01-093022

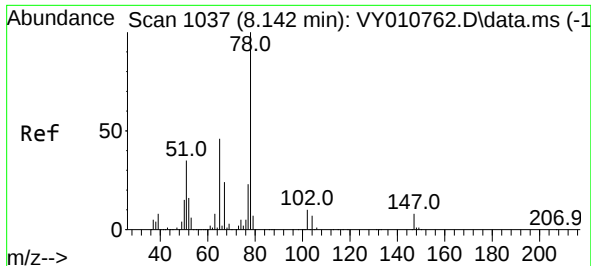
Tgt Ion:168 Resp: 85299
Ion Ratio Lower Upper
168 100
99 52.7 46.9 70.3



#20
Methylene Chloride
Concen: 6.351 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY010788.D
Acq: 04 Oct 2022 12:31

Tgt Ion: 84 Resp: 10496
Ion Ratio Lower Upper
84 100
49 121.9 114.4 171.6
51 37.1 35.3 52.9
86 70.0 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 68.088 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY010788.D

Acq: 04 Oct 2022 12:31

Instrument :

MSVOA_Y

ClientSampleId :

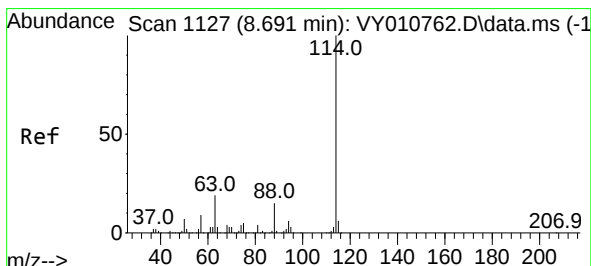
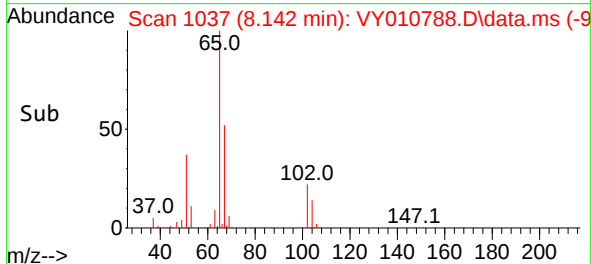
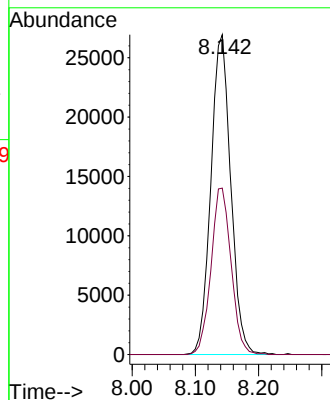
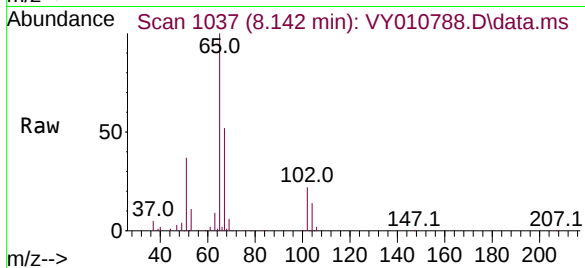
HD-01-093022

Tgt Ion: 65 Resp: 58870

Ion Ratio Lower Upper

65 100

67 52.6 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY010788.D

Acq: 04 Oct 2022 12:31

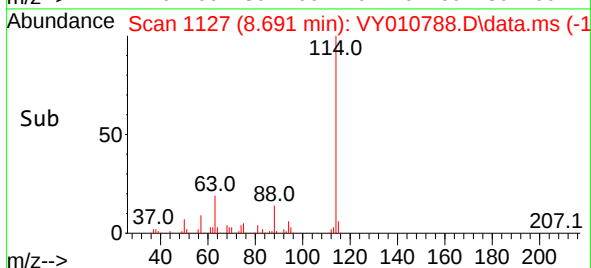
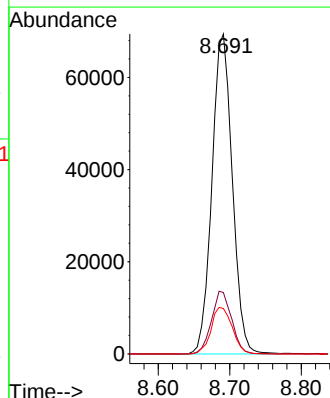
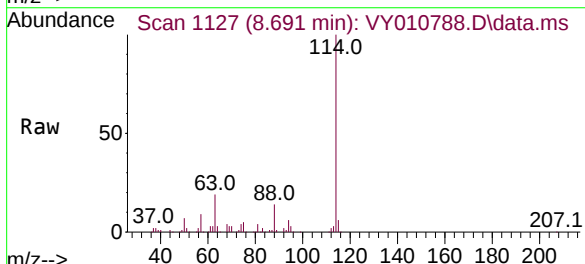
Tgt Ion: 114 Resp: 137601

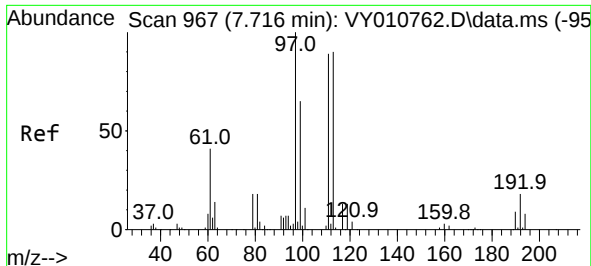
Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 14.2 0.0 31.8

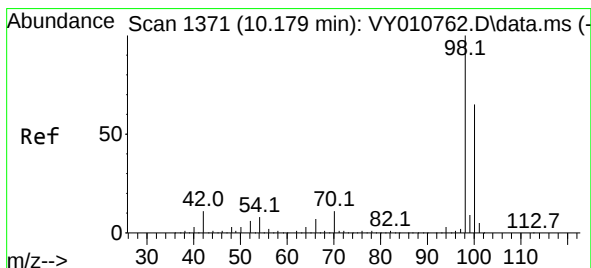
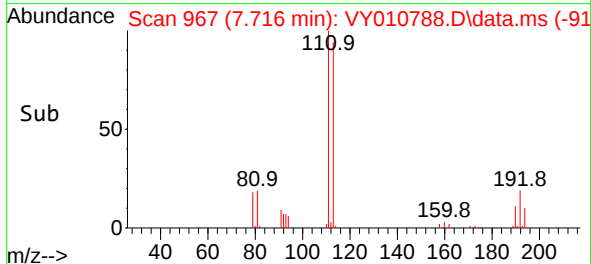
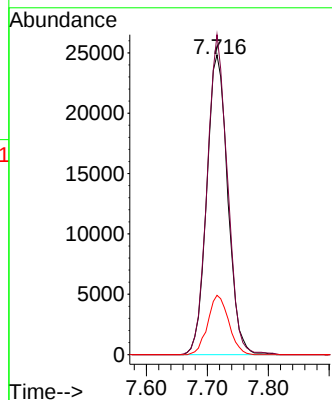
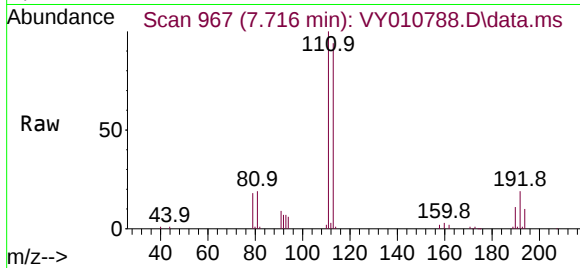




#35
Dibromofluoromethane
Concen: 65.198 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY010788.D
Acq: 04 Oct 2022 12:31

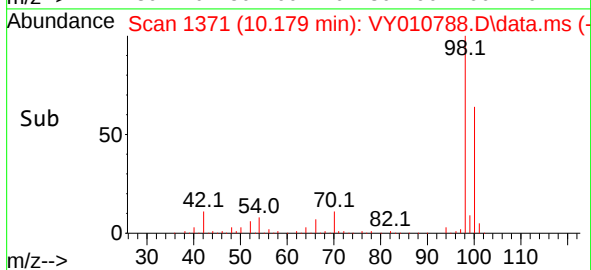
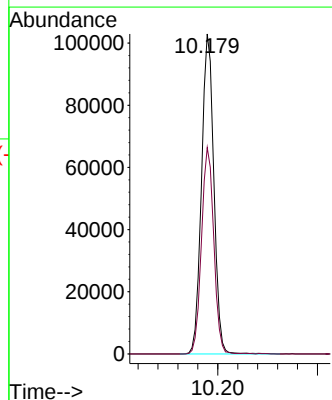
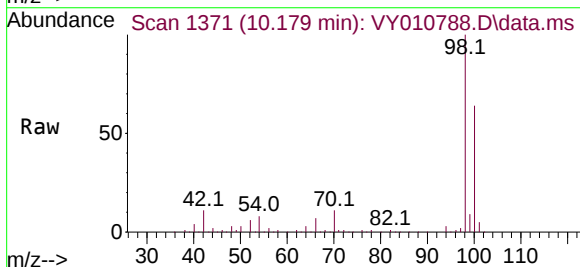
Instrument :
MSVOA_Y
ClientSampleId :
HD-01-093022

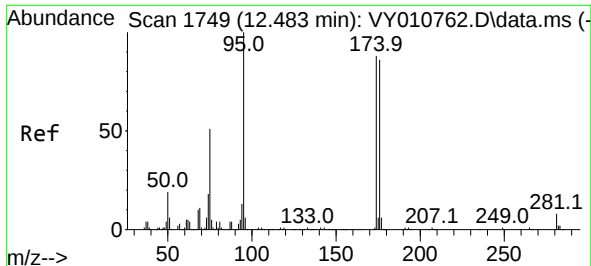
Tgt Ion:113 Resp: 59552
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 19.7 17.6 26.4



#50
Toluene-d8
Concen: 56.322 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010788.D
Acq: 04 Oct 2022 12:31

Tgt Ion: 98 Resp: 175936
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2

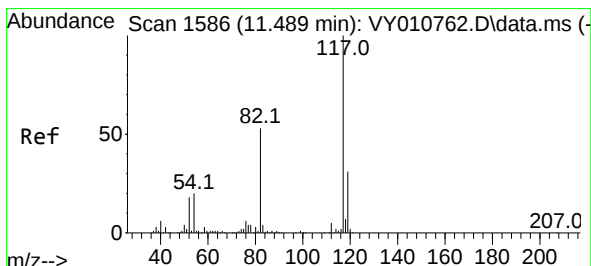
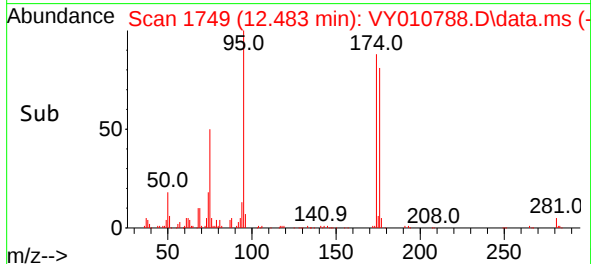
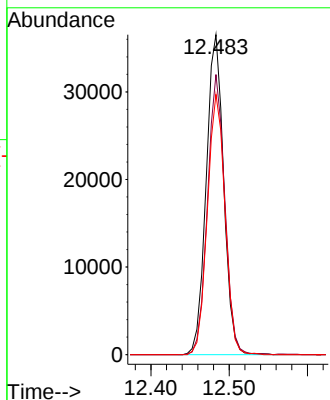
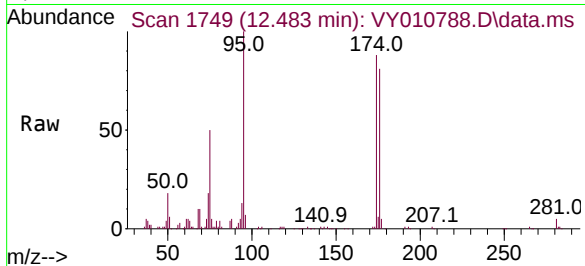




#62
4-Bromofluorobenzene
Concen: 46.135 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010788.D
Acq: 04 Oct 2022 12:31

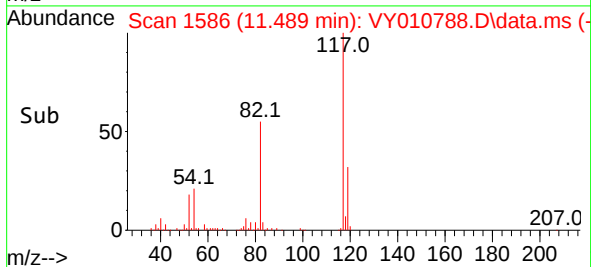
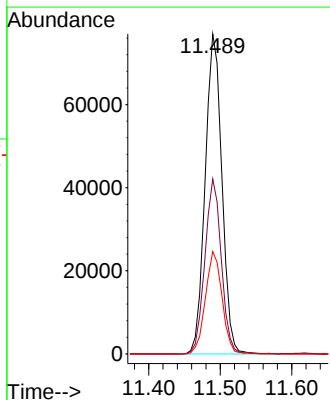
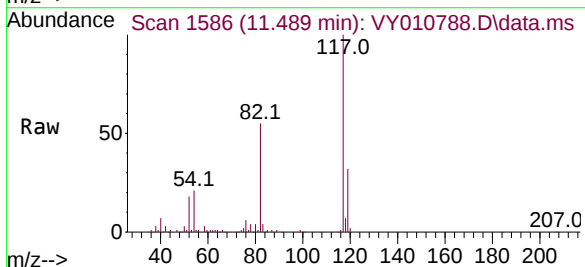
Instrument :
MSVOA_Y
ClientSampleId :
HD-01-093022

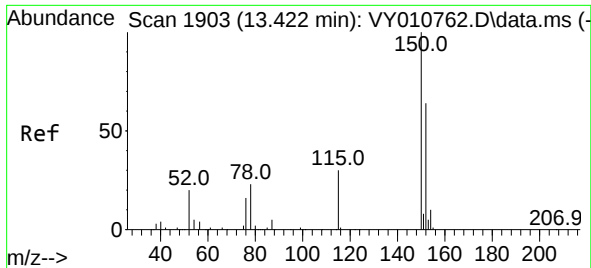
Tgt Ion:	95	Resp:	56650
Ion Ratio	Lower	Upper	
95	100		
174	86.9	0.0	177.0
176	82.0	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010788.D
Acq: 04 Oct 2022 12:31

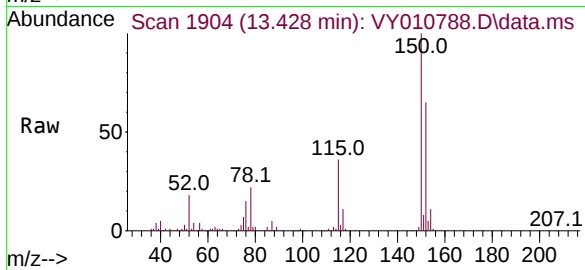
Tgt Ion:	117	Resp:	125004
Ion Ratio	Lower	Upper	
117	100		
82	54.7	43.0	64.4
119	32.0	25.4	38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY010788.D
 Acq: 04 Oct 2022 12:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-01-093022



Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.6	28.2	84.7
150	156.6	0.0	347.6

