

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092822\
 Data File : VY010721.D
 Acq On : 28 Sep 2022 16:59
 Operator : KP/MD
 Sample : N4808-02
 Misc : 6.61g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D22022-17.5-18

Quant Time: Sep 29 01:14:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

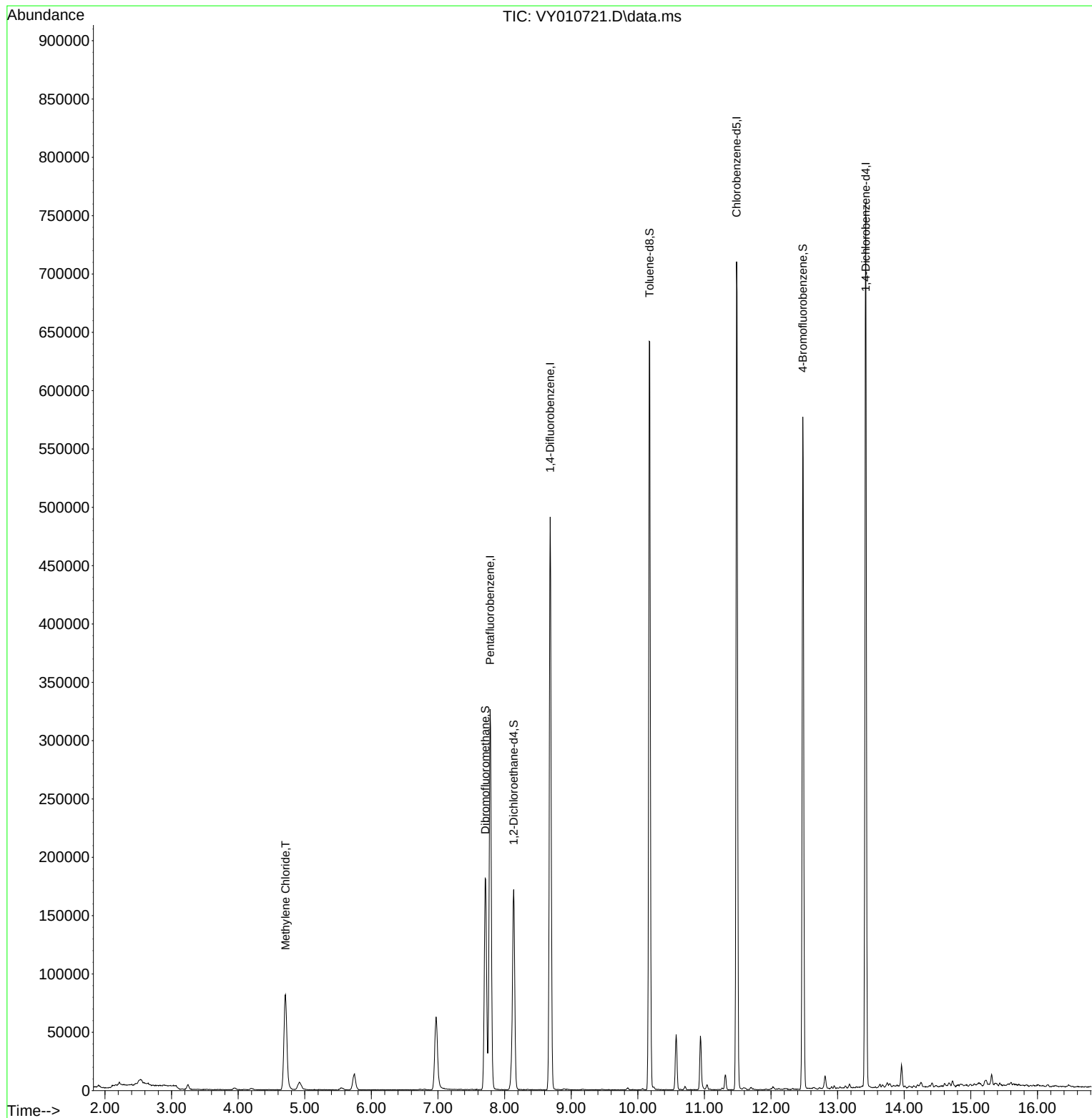
Internal Standards						
1) Pentafluorobenzene	7.783	168	249658	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	417397	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	386512	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	190974	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	127542	53.411	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 106.820%		
35) Dibromofluoromethane	7.710	113	131223	49.261	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 98.520%		
50) Toluene-d8	10.179	98	429510	44.025	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 88.060%		
62) 4-Bromofluorobenzene	12.477	95	163548	44.463	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 88.920%		
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.710	84	63526	16.574	ug/l	86

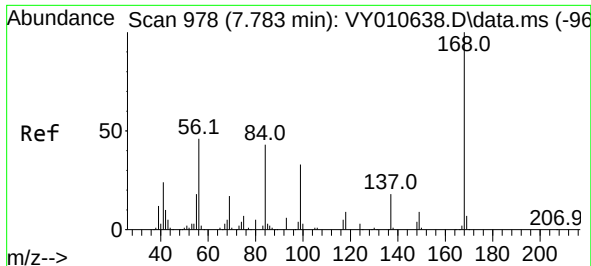
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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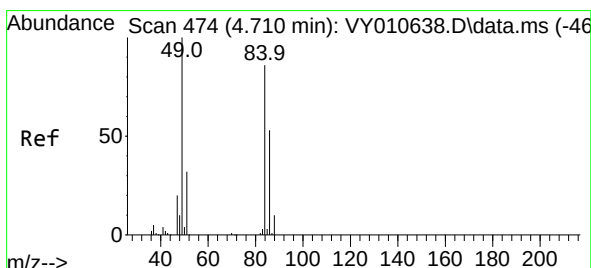
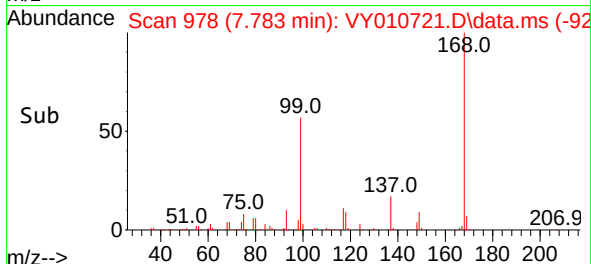
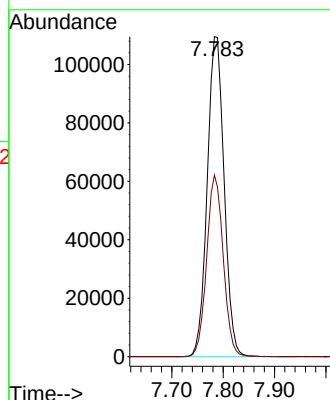
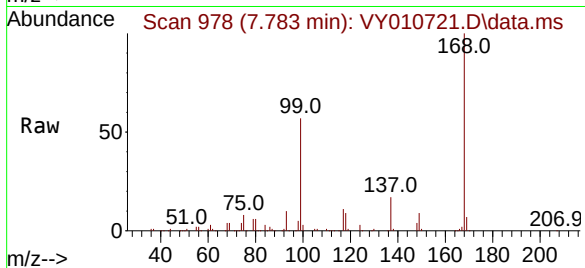




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010721.D
Acq: 28 Sep 2022 16:59

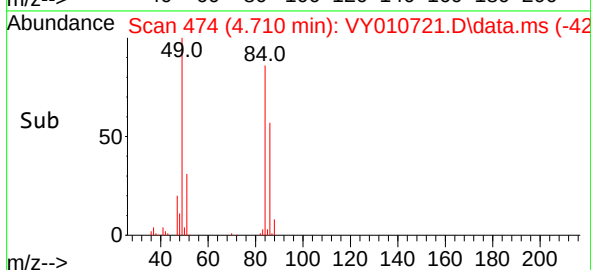
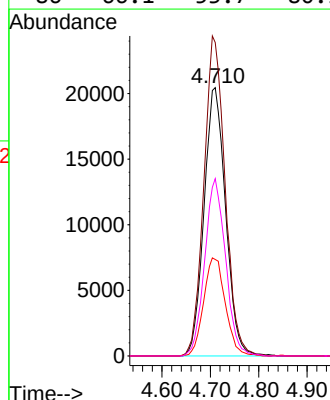
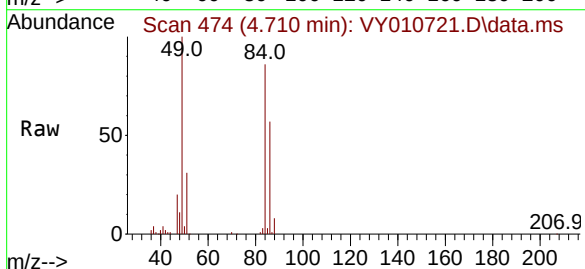
Instrument :
MSVOA_Y
ClientSampleId :
D22022-17.5-18

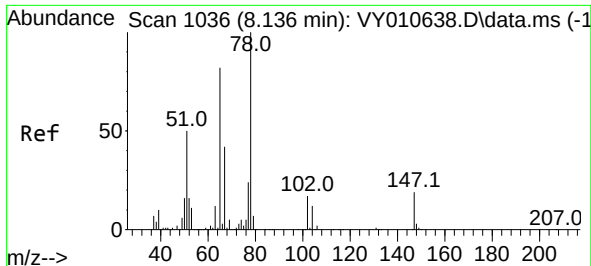
Tgt Ion:168 Resp: 249658
Ion Ratio Lower Upper
168 100
99 56.8 46.9 70.3



#20
Methylene Chloride
Concen: 16.574 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY010721.D
Acq: 28 Sep 2022 16:59

Tgt Ion: 84 Resp: 63526
Ion Ratio Lower Upper
84 100
49 116.8 114.4 171.6
51 36.0 35.3 52.9
86 66.1 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 53.411 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.001 min

Lab File: VY010721.D

Acq: 28 Sep 2022 16:59

Instrument :

MSVOA_Y

ClientSampleId :

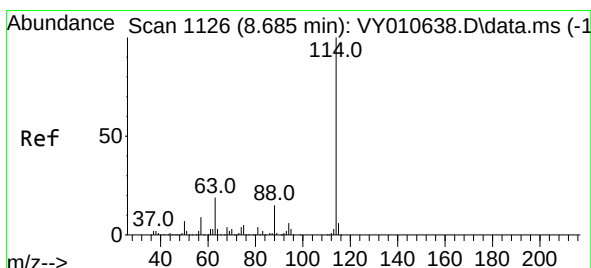
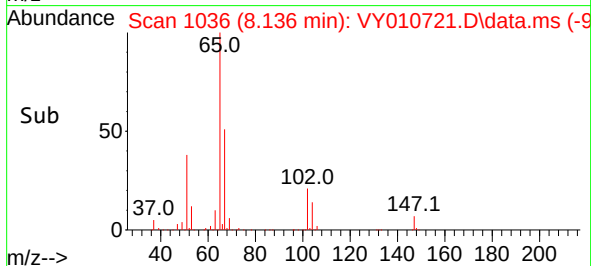
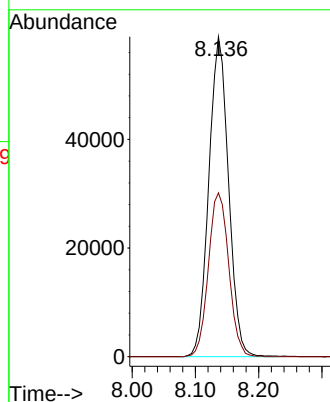
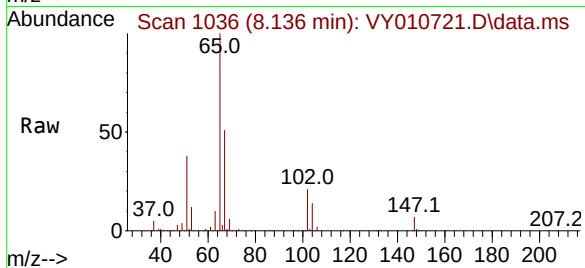
D22022-17.5-18

Tgt Ion: 65 Resp: 127542

Ion Ratio Lower Upper

65 100

67 52.9 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010721.D

Acq: 28 Sep 2022 16:59

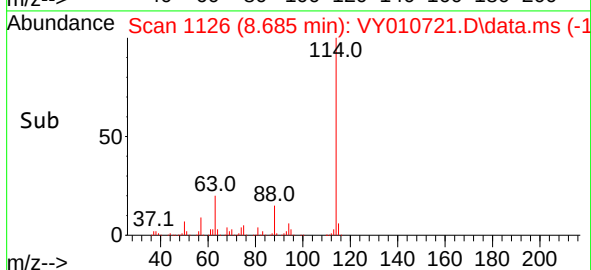
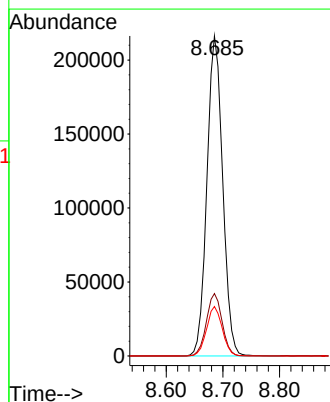
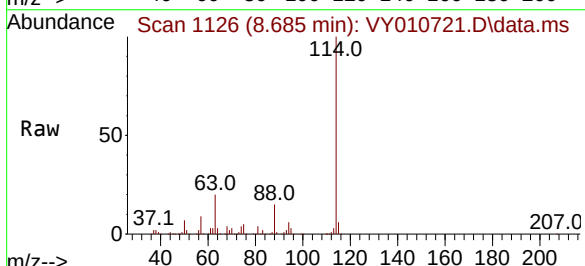
Tgt Ion: 114 Resp: 417397

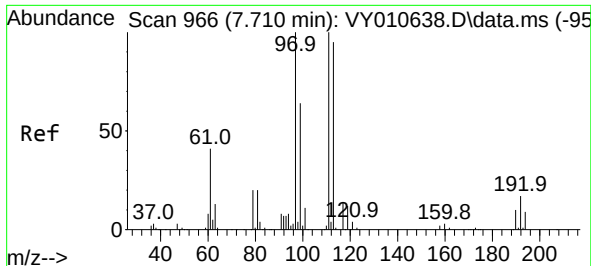
Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 15.4 0.0 31.8

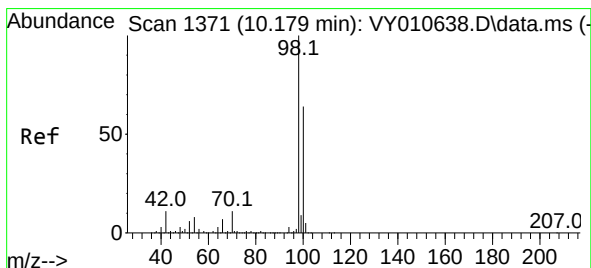
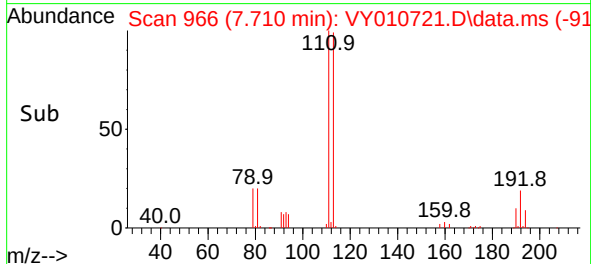
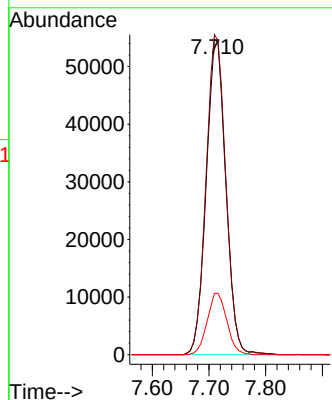
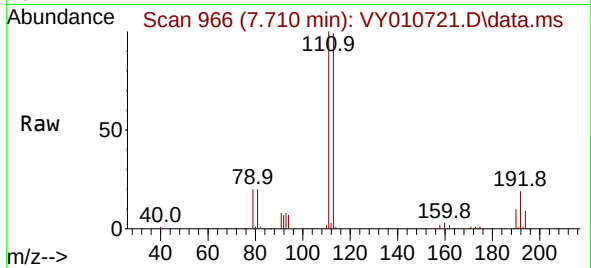




#35
Dibromofluoromethane
Concen: 49.261 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY010721.D
Acq: 28 Sep 2022 16:59

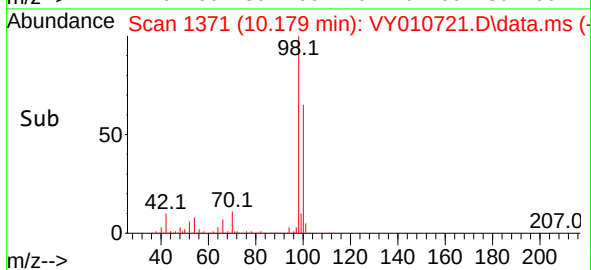
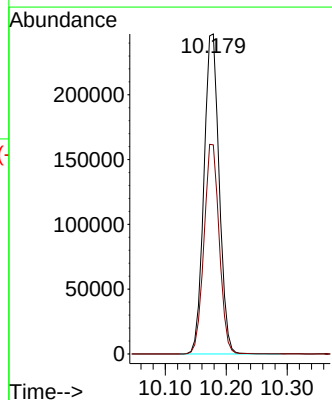
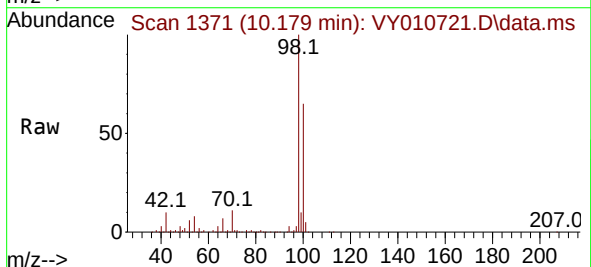
Instrument :
MSVOA_Y
ClientSampleId :
D22022-17.5-18

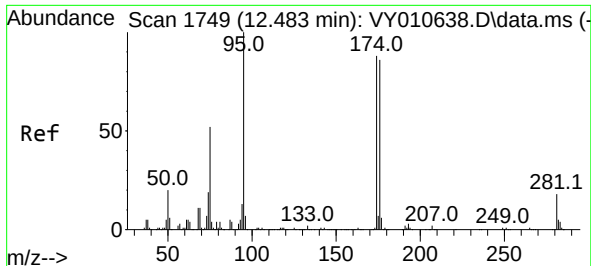
Tgt Ion:113 Resp: 131223
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 19.5 17.6 26.4



#50
Toluene-d8
Concen: 44.025 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010721.D
Acq: 28 Sep 2022 16:59

Tgt Ion: 98 Resp: 429510
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2

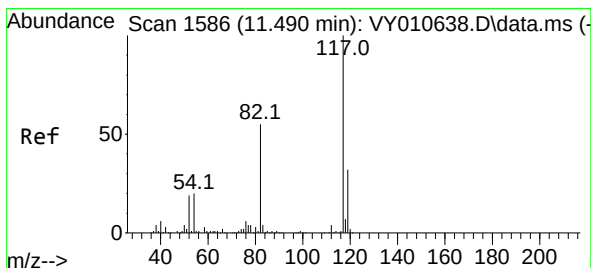
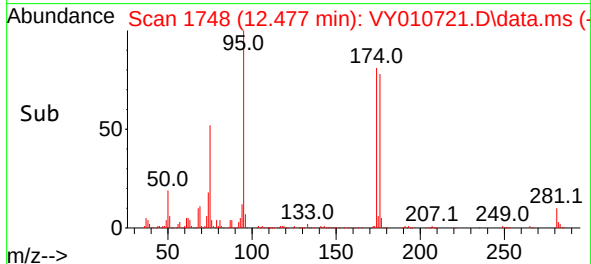
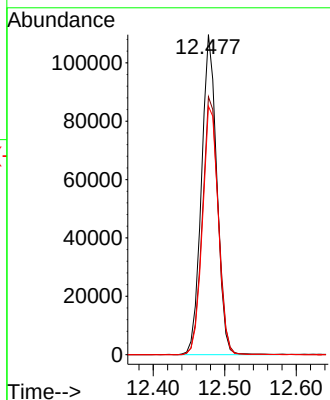
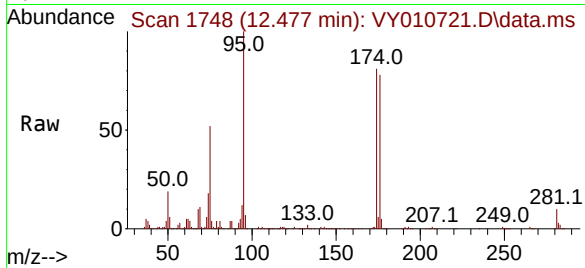




#62
4-Bromofluorobenzene
Concen: 44.463 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010721.D
Acq: 28 Sep 2022 16:59

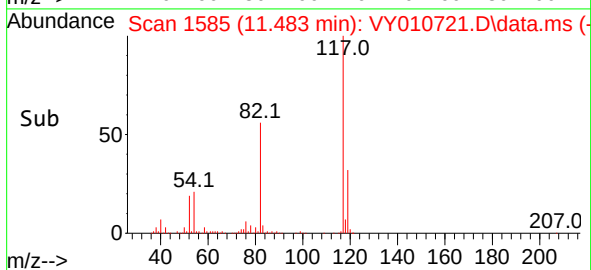
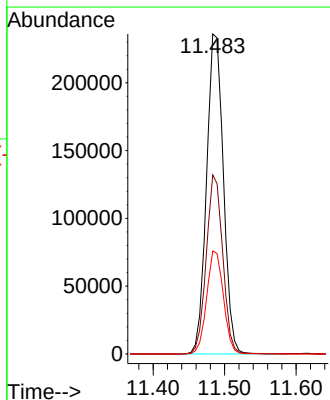
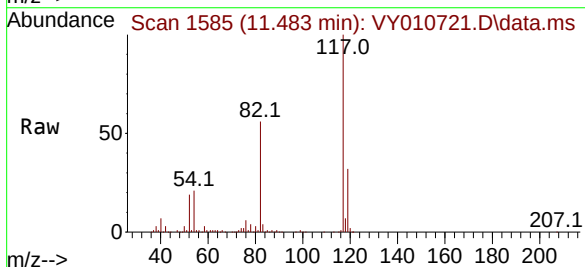
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MSVOA_Y
ClientSampleId :
D22022-17.5-18

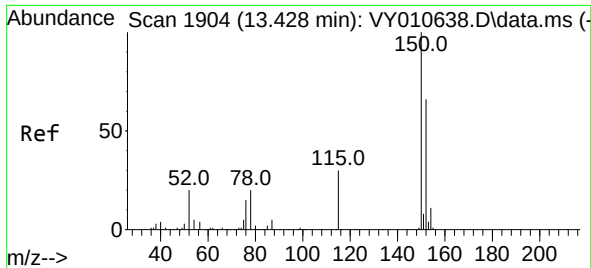
Tgt Ion: 95 Resp: 163548
Ion Ratio Lower Upper
95 100
174 83.3 0.0 177.0
176 79.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.007 min
Lab File: VY010721.D
Acq: 28 Sep 2022 16:59

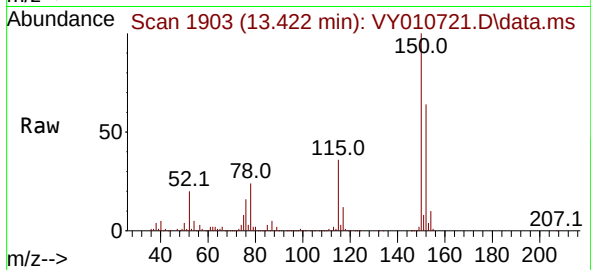
Tgt Ion: 117 Resp: 386512
Ion Ratio Lower Upper
117 100
82 55.9 43.0 64.4
119 32.2 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY010721.D
 Acq: 28 Sep 2022 16:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 D22022-17.5-18



Tgt Ion:	152	Resp:	190974
Ion	Ratio	Lower	Upper
152	100		
115	58.3	28.2	84.7
150	156.9	0.0	347.6

