

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092022\
 Data File : VY010576.D
 Acq On : 20 Sep 2022 15:12
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Sep 21 01:20:52 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)

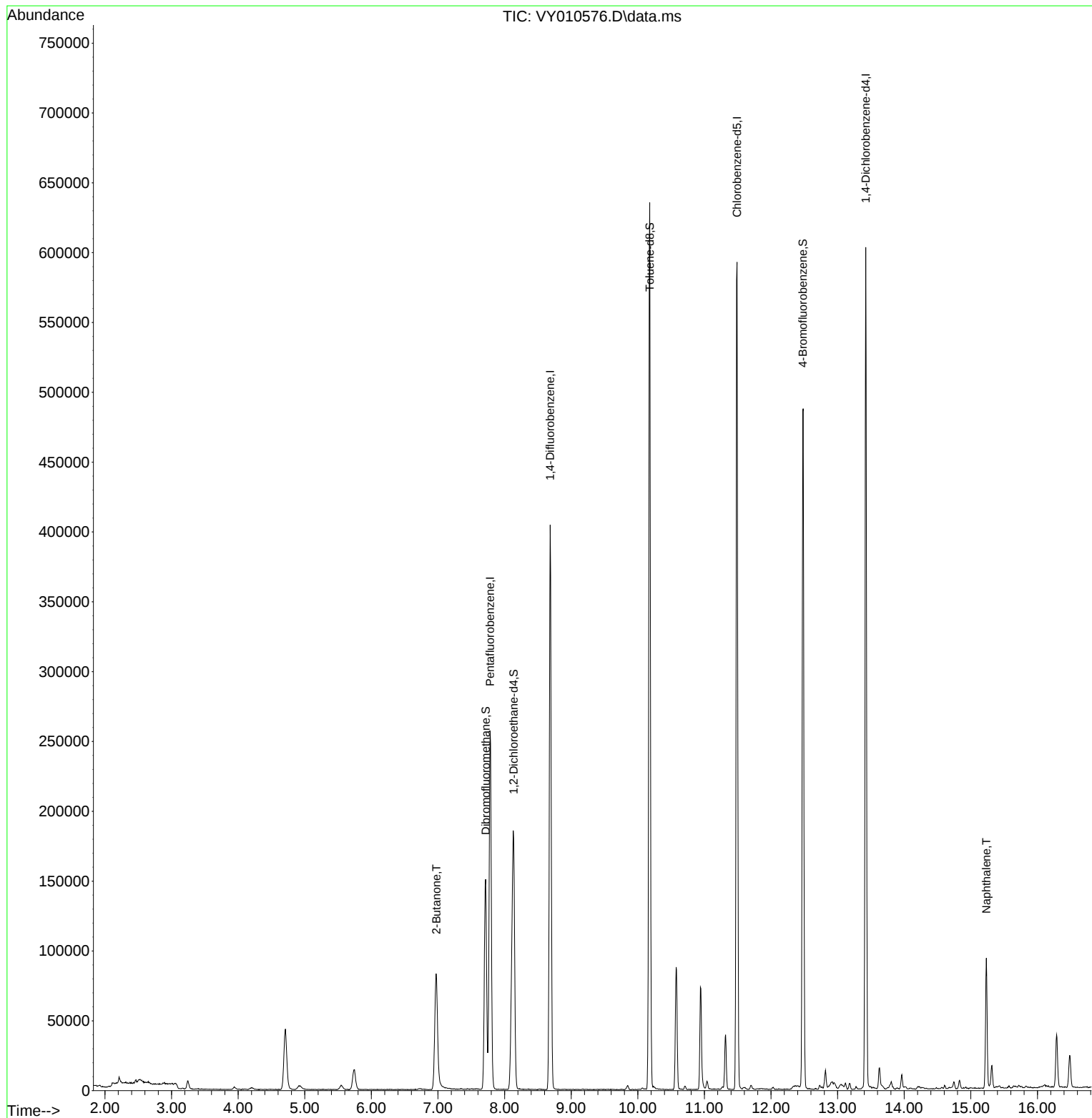
Internal Standards						
1) Pentafluorobenzene	7.783	168	204776	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	353064	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	333850	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	153265	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	114064	58.237	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.480%
35) Dibromofluoromethane	7.716	113	108257	48.045	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.080%
50) Toluene-d8	10.179	98	415819	49.937	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.880%
62) 4-Bromofluorobenzene	12.477	95	146169	47.141	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.280%
Target Compounds						
						Qvalue
25) 2-Butanone	6.978	43	4386	7.020	ug/l	# 87
95) Naphthalene	15.233	128	78248	15.622	ug/l	97

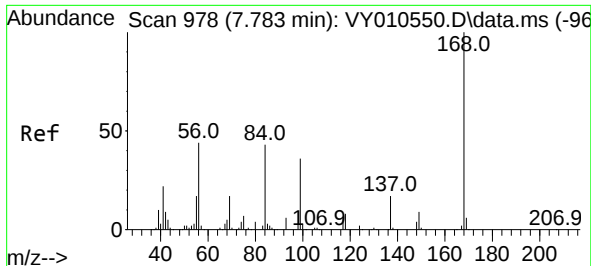
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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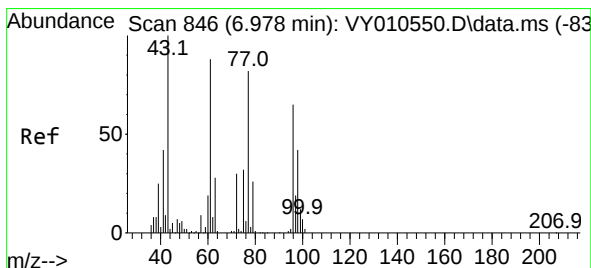
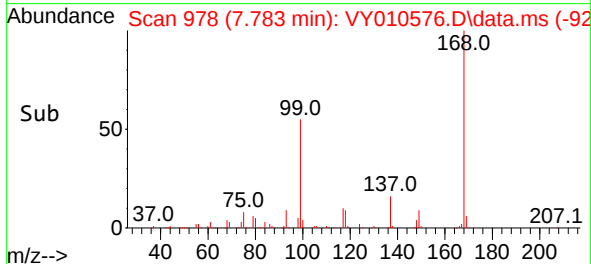
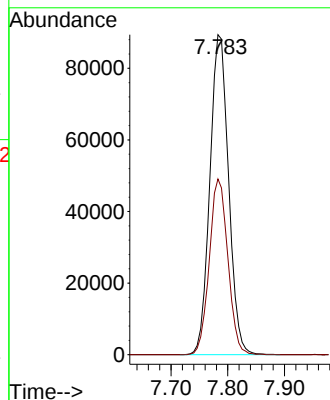
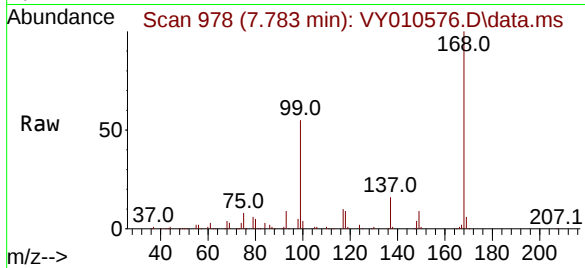




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010576.D
Acq: 20 Sep 2022 15:12

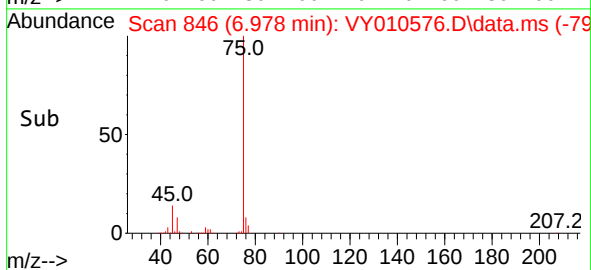
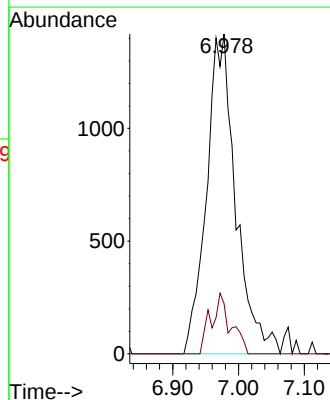
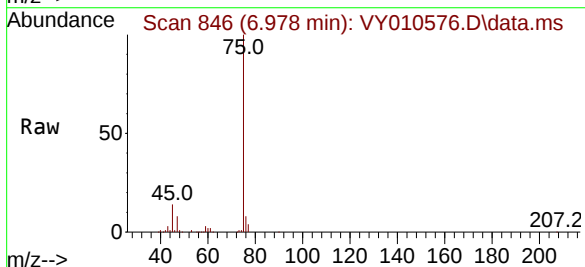
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

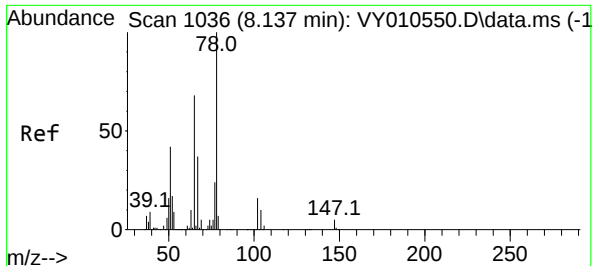
Tgt Ion:168 Resp: 204776
Ion Ratio Lower Upper
168 100
99 54.9 46.9 70.3



#25
2-Butanone
Concen: 7.020 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY010576.D
Acq: 20 Sep 2022 15:12

Tgt Ion: 43 Resp: 4386
Ion Ratio Lower Upper
43 100
72 15.7 17.7 26.5#





#33

1,2-Dichloroethane-d4

Concen: 58.237 ug/l

RT: 8.136 min Scan# 11036

Delta R.T. -0.001 min

Lab File: VY010576.D

Acq: 20 Sep 2022 15:12

Instrument :

MSVOA_Y

ClientSampleId :

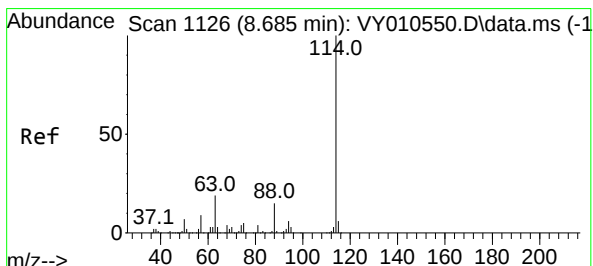
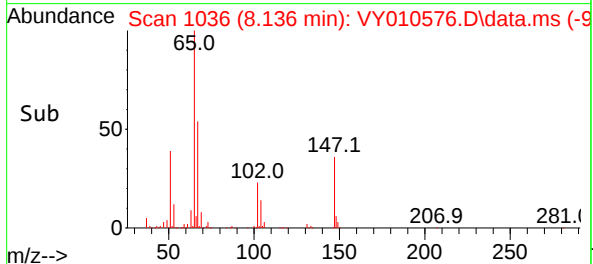
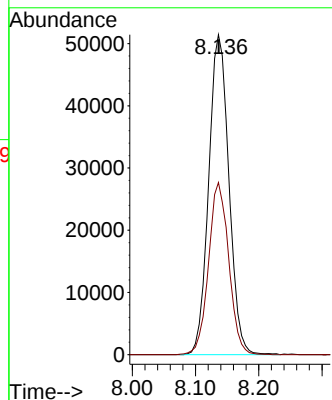
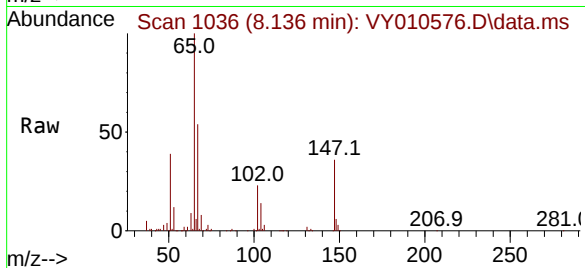
VIBLK

Tgt Ion: 65 Resp: 114064

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. -0.000 min

Lab File: VY010576.D

Acq: 20 Sep 2022 15:12

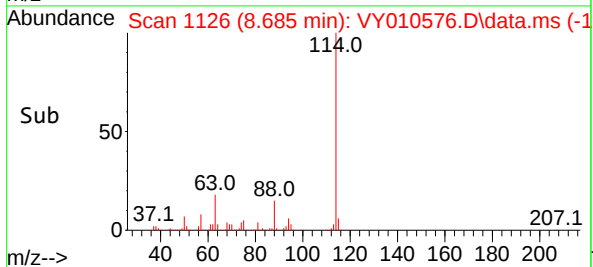
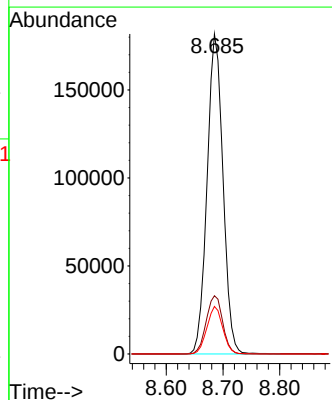
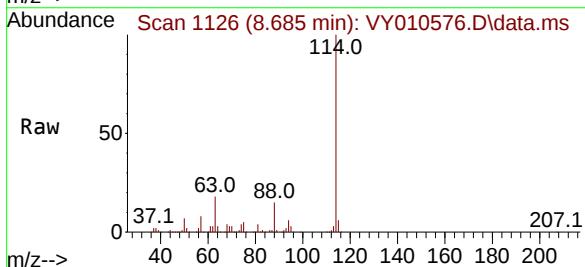
Tgt Ion: 114 Resp: 353064

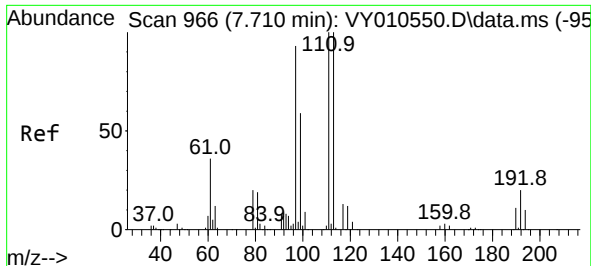
Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 14.8 0.0 31.8

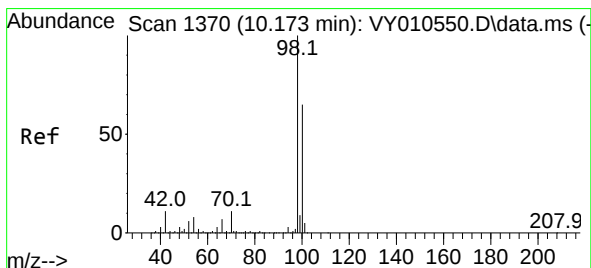
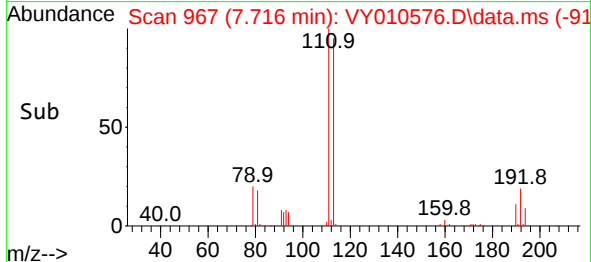
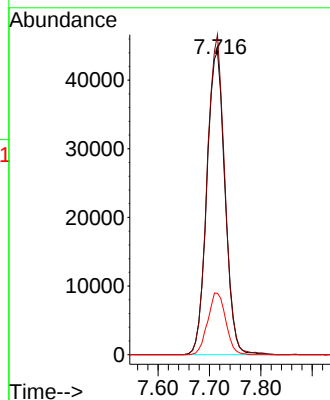
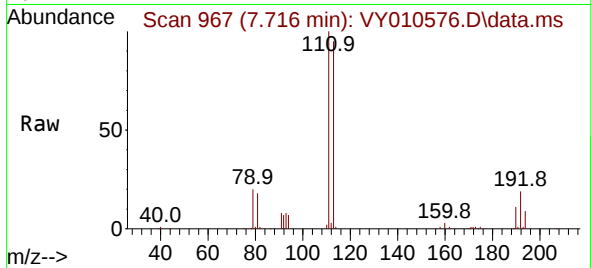




#35
Dibromofluoromethane
Concen: 48.045 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010576.D
Acq: 20 Sep 2022 15:12

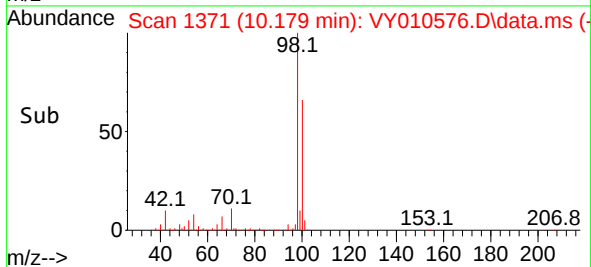
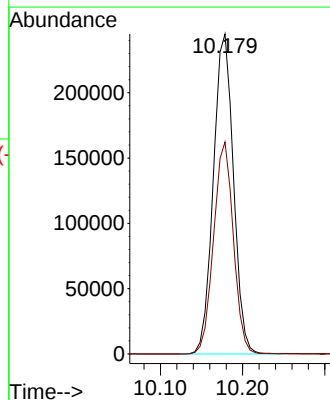
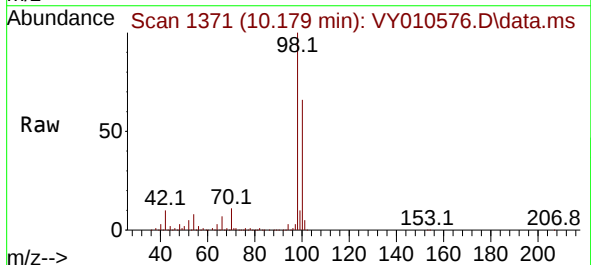
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

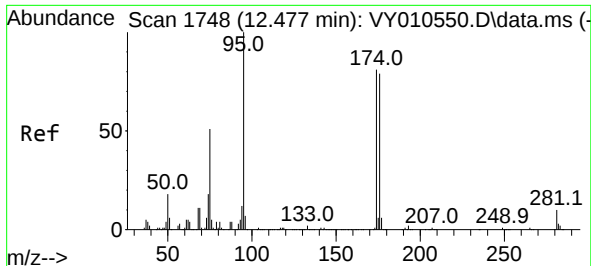
Tgt Ion:113 Resp: 108257
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 20.2 17.6 26.4



#50
Toluene-d8
Concen: 49.937 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010576.D
Acq: 20 Sep 2022 15:12

Tgt Ion: 98 Resp: 415819
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2

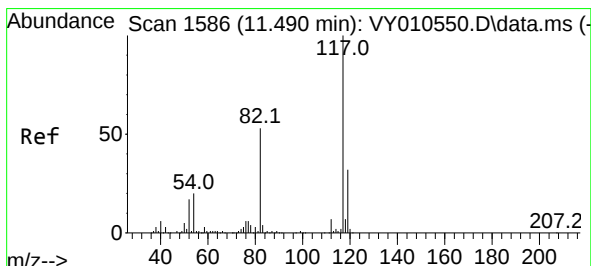
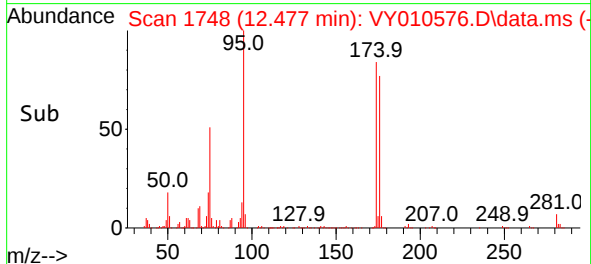
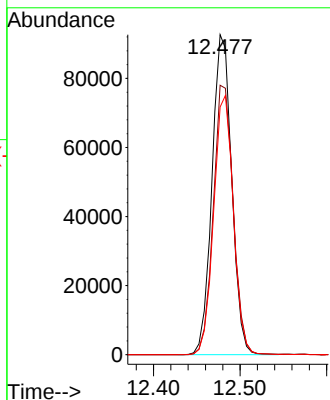
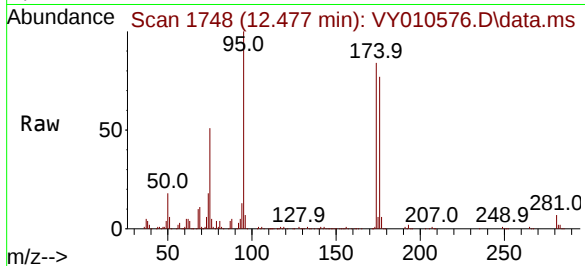




#62
4-Bromofluorobenzene
Concen: 47.141 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010576.D
Acq: 20 Sep 2022 15:12

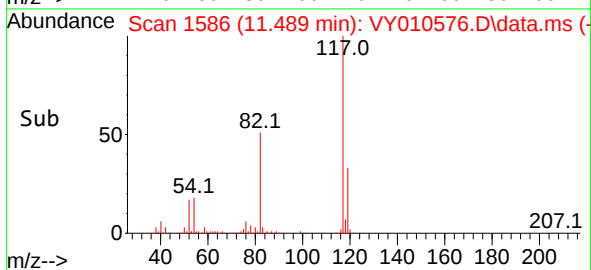
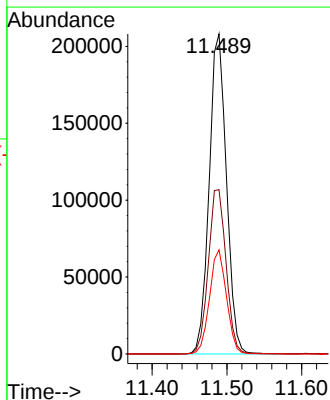
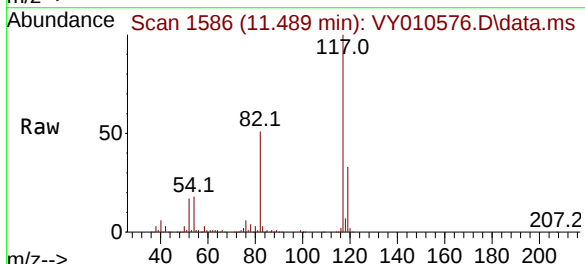
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

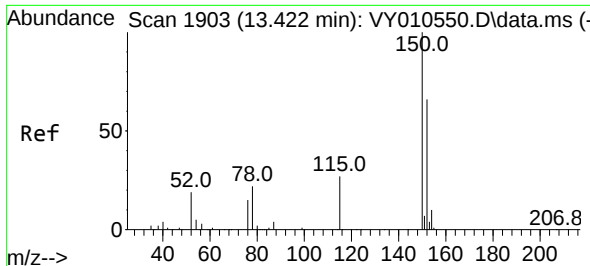
Tgt Ion: 95 Resp: 146169
Ion Ratio Lower Upper
95 100
174 85.5 0.0 177.0
176 81.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010576.D
Acq: 20 Sep 2022 15:12

Tgt Ion: 117 Resp: 333850
Ion Ratio Lower Upper
117 100
82 51.4 43.0 64.4
119 32.6 25.4 38.0

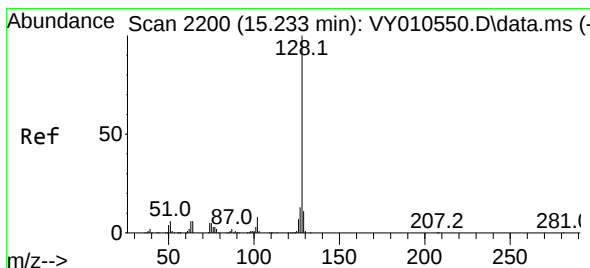
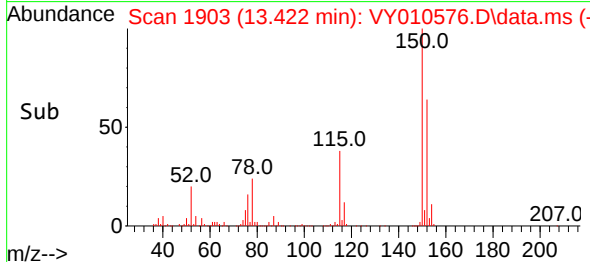
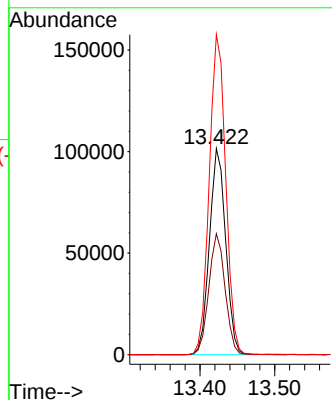
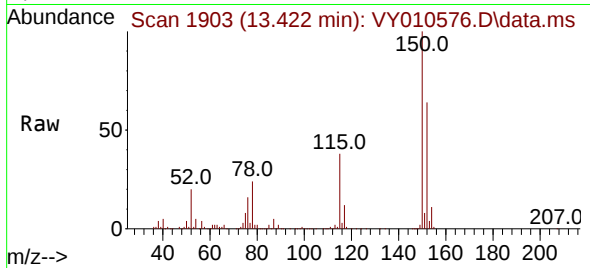




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY010576.D
Acq: 20 Sep 2022 15:12

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:152 Resp: 153265
Ion Ratio Lower Upper
152 100
115 58.6 28.2 84.7
150 157.0 0.0 347.6



#95
Naphthalene
Concen: 15.622 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY010576.D
Acq: 20 Sep 2022 15:12

Tgt Ion:128 Resp: 78248
Ion Ratio Lower Upper
128 100
127 12.6 11.0 16.4
129 11.5 8.4 12.6

