

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011923\
 Data File : VY012264.D
 Acq On : 19 Jan 2023 14:37
 Operator : KP/MD
 Sample : 01214-10
 Misc : 5.75g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TJRC-011823-B3-20-30

Quant Time: Jan 20 03:24:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

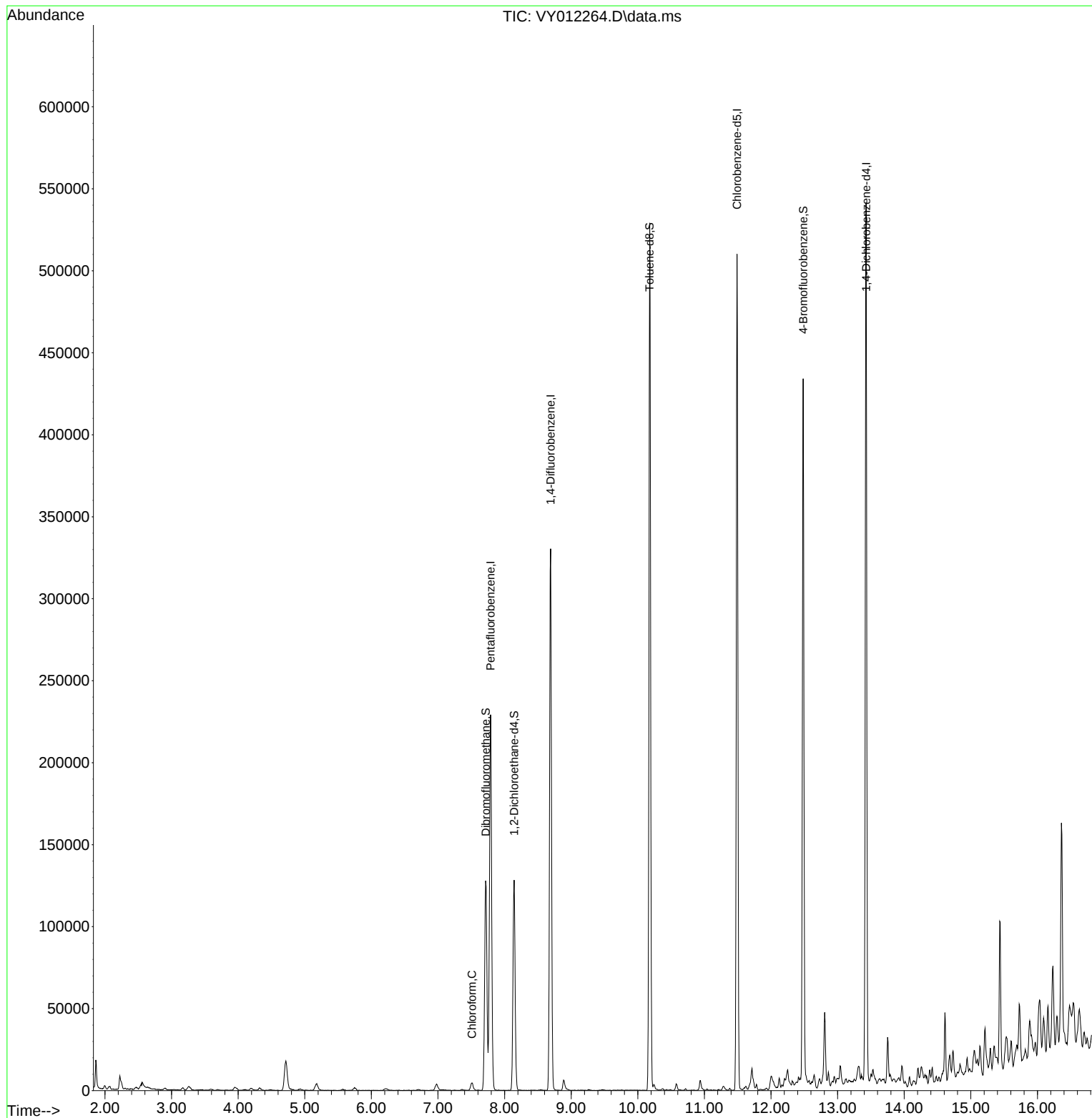
Internal Standards						
1) Pentafluorobenzene	7.789	168	180477	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	298743	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	288128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	144227	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	107817	73.957	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	147.920%
35) Dibromofluoromethane	7.715	113	89228	56.408	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.820%
50) Toluene-d8	10.178	98	353813	65.936	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	131.880%
62) 4-Bromofluorobenzene	12.483	95	125764	56.399	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.800%
Target Compounds						
					Qvalue	
30) Chloroform	7.508	83	5101	1.525	ug/l	90

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

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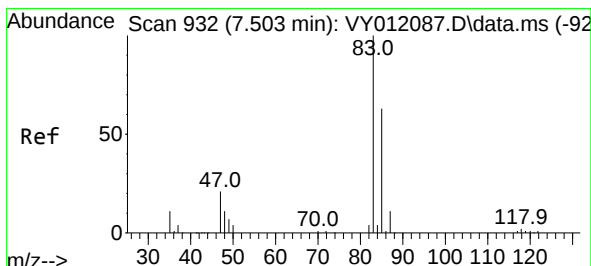
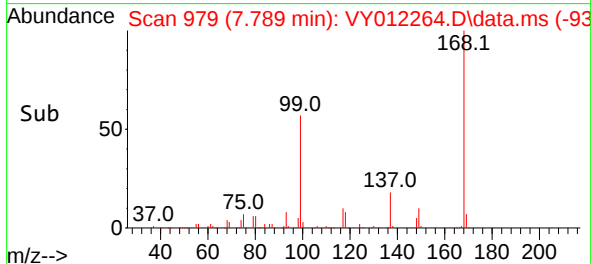
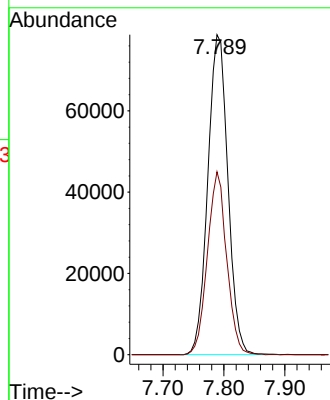
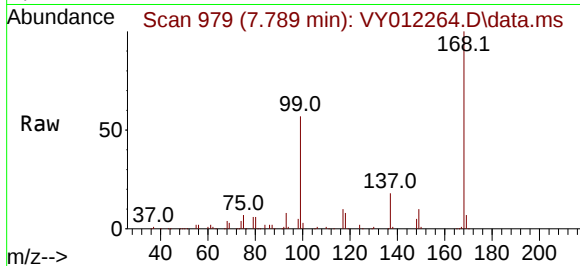




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012264.D
Acq: 19 Jan 2023 14:37

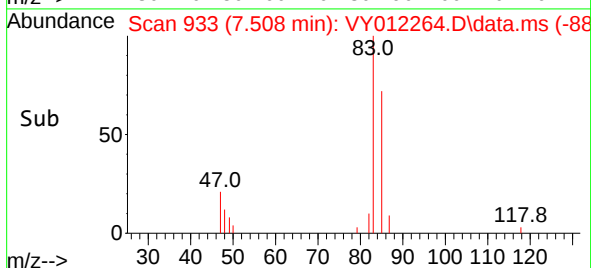
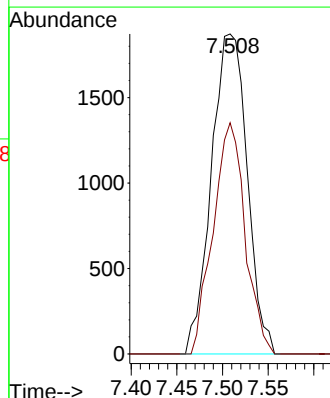
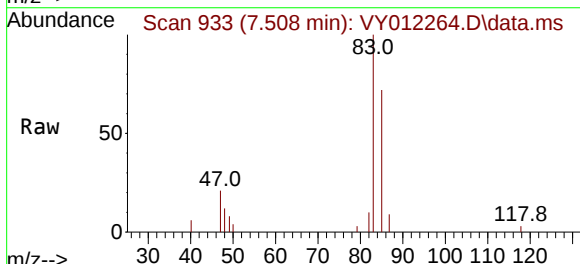
Instrument :
MSVOA_Y
ClientSampleId :
TJRC-011823-B3-20-30

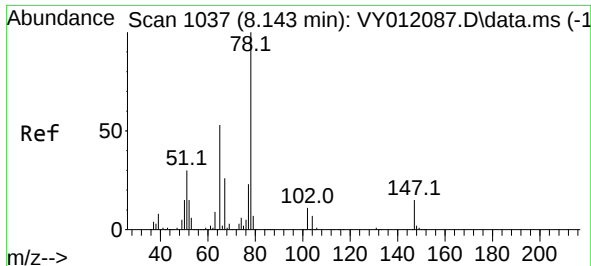
Tgt Ion:168 Resp: 180477
Ion Ratio Lower Upper
168 100
99 57.2 44.0 66.0



#30
Chloroform
Concen: 1.525 ug/l
RT: 7.508 min Scan# 933
Delta R.T. 0.005 min
Lab File: VY012264.D
Acq: 19 Jan 2023 14:37

Tgt Ion: 83 Resp: 5101
Ion Ratio Lower Upper
83 100
85 72.3 51.5 77.3





#33

1,2-Dichloroethane-d4

Concen: 73.957 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. -0.001 min

Lab File: VY012264.D

Acq: 19 Jan 2023 14:37

Instrument :

MSVOA_Y

ClientSampleId :

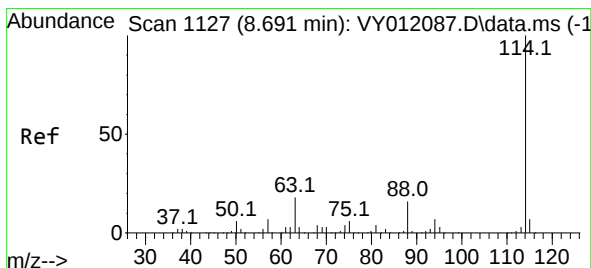
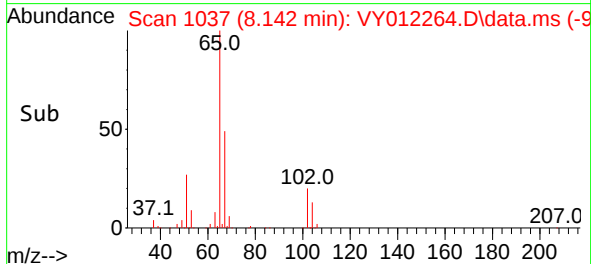
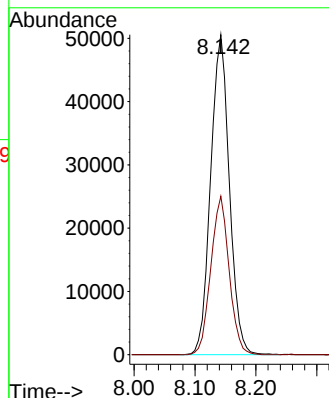
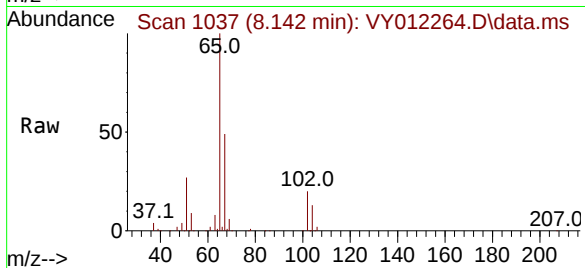
TJRC-011823-B3-20-30

Tgt Ion: 65 Resp: 107817

Ion Ratio Lower Upper

65 100

67 48.5 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012264.D

Acq: 19 Jan 2023 14:37

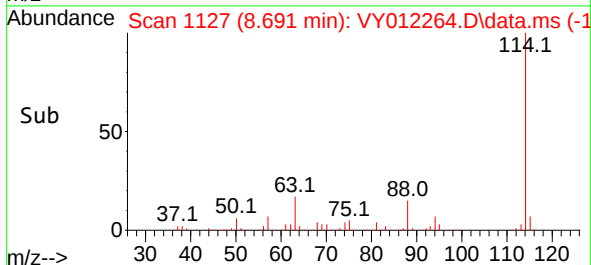
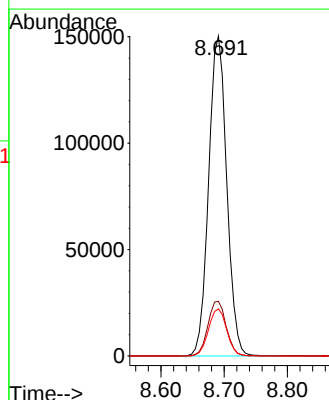
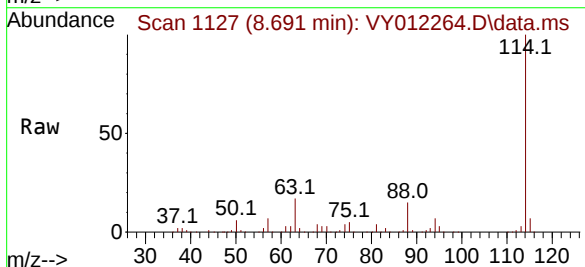
Tgt Ion: 114 Resp: 298743

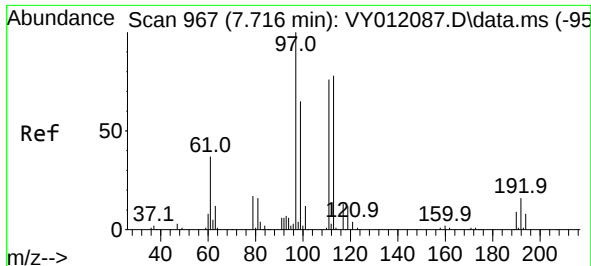
Ion Ratio Lower Upper

114 100

63 17.1 0.0 39.6

88 14.7 0.0 32.2

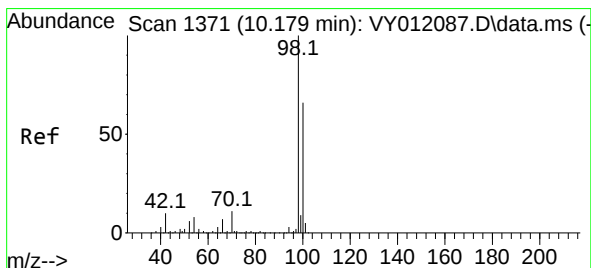
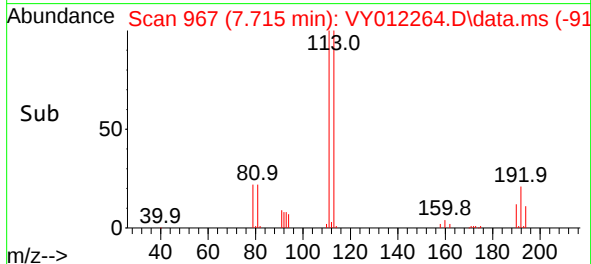
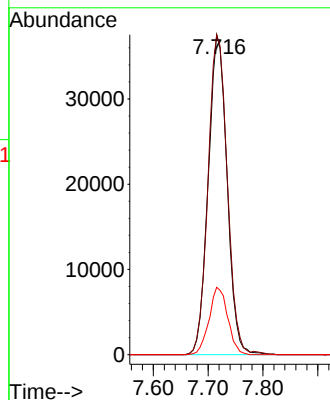
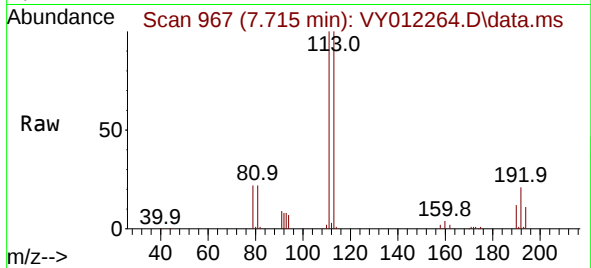




#35
Dibromofluoromethane
Concen: 56.408 ug/l
RT: 7.715 min Scan# 90
Delta R.T. -0.001 min
Lab File: VY012264.D
Acq: 19 Jan 2023 14:37

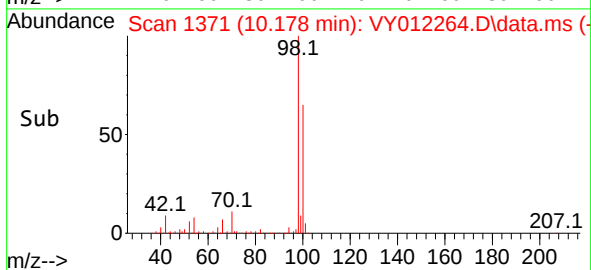
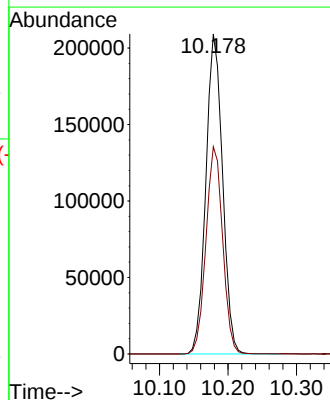
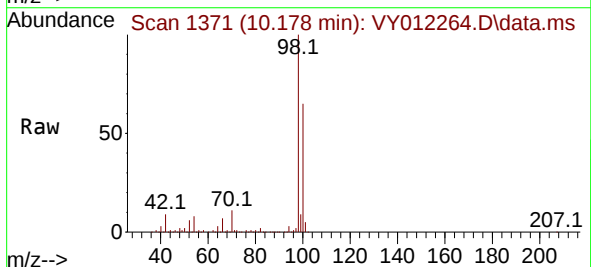
Instrument :
MSVOA_Y
ClientSampleId :
TJRC-011823-B3-20-30

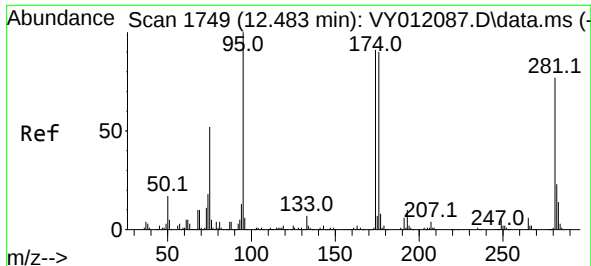
Tgt Ion:113 Resp: 89228
Ion Ratio Lower Upper
113 100
111 102.4 83.0 124.4
192 20.9 16.0 24.0



#50
Toluene-d8
Concen: 65.936 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY012264.D
Acq: 19 Jan 2023 14:37

Tgt Ion: 98 Resp: 353813
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9

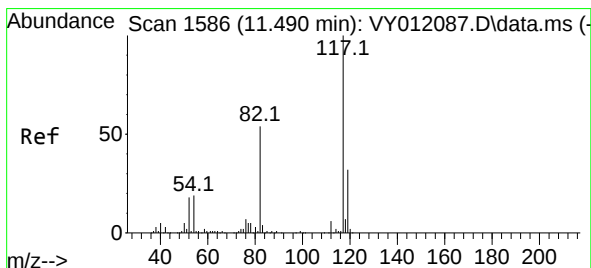
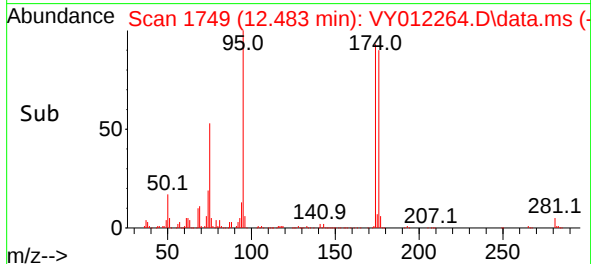
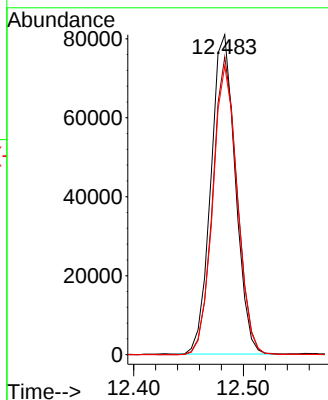
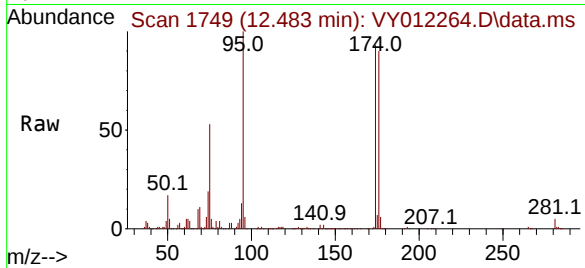




#62
4-Bromofluorobenzene
Concen: 56.399 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012264.D
Acq: 19 Jan 2023 14:37

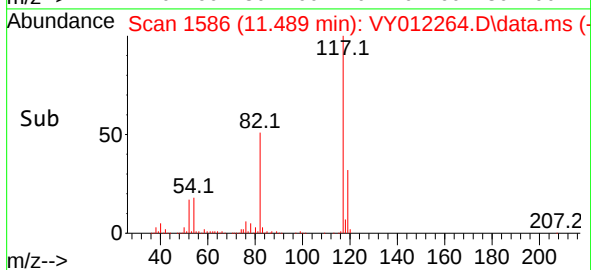
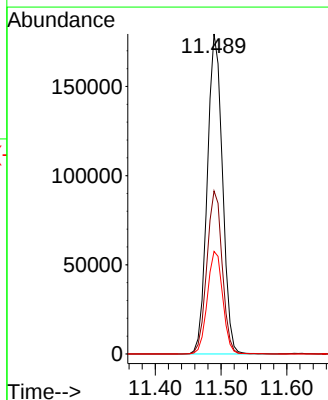
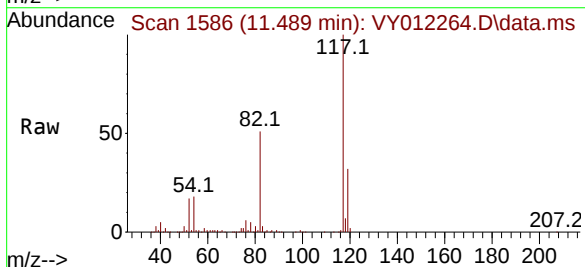
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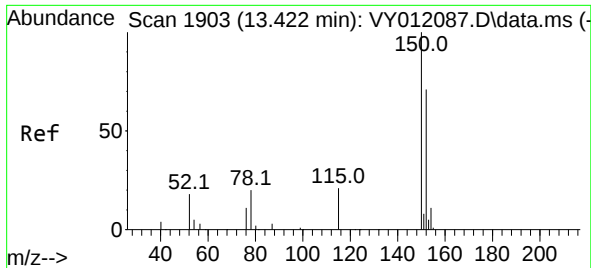
Tgt Ion: 95 Resp: 125764
Ion Ratio Lower Upper
95 100
174 92.8 0.0 172.0
176 90.5 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012264.D
Acq: 19 Jan 2023 14:37

Tgt Ion: 117 Resp: 288128
Ion Ratio Lower Upper
117 100
82 51.0 44.8 67.2
119 32.1 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY012264.D

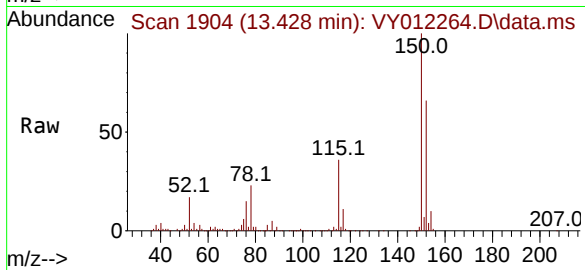
Acq: 19 Jan 2023 14:37

Instrument :

MSVOA_Y

ClientSampleId :

TJRC-011823-B3-20-30



Tgt Ion:152 Resp: 144227

Ion Ratio Lower Upper

152 100

115 56.3 29.1 87.3

150 155.5 0.0 342.6

