

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011923\
 Data File : VY012265.D
 Acq On : 19 Jan 2023 15:00
 Operator : KP/MD
 Sample : 01214-13
 Misc : 7.30g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TJRC-011823-B3-30-40

Quant Time: Jan 20 03:24:15 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)

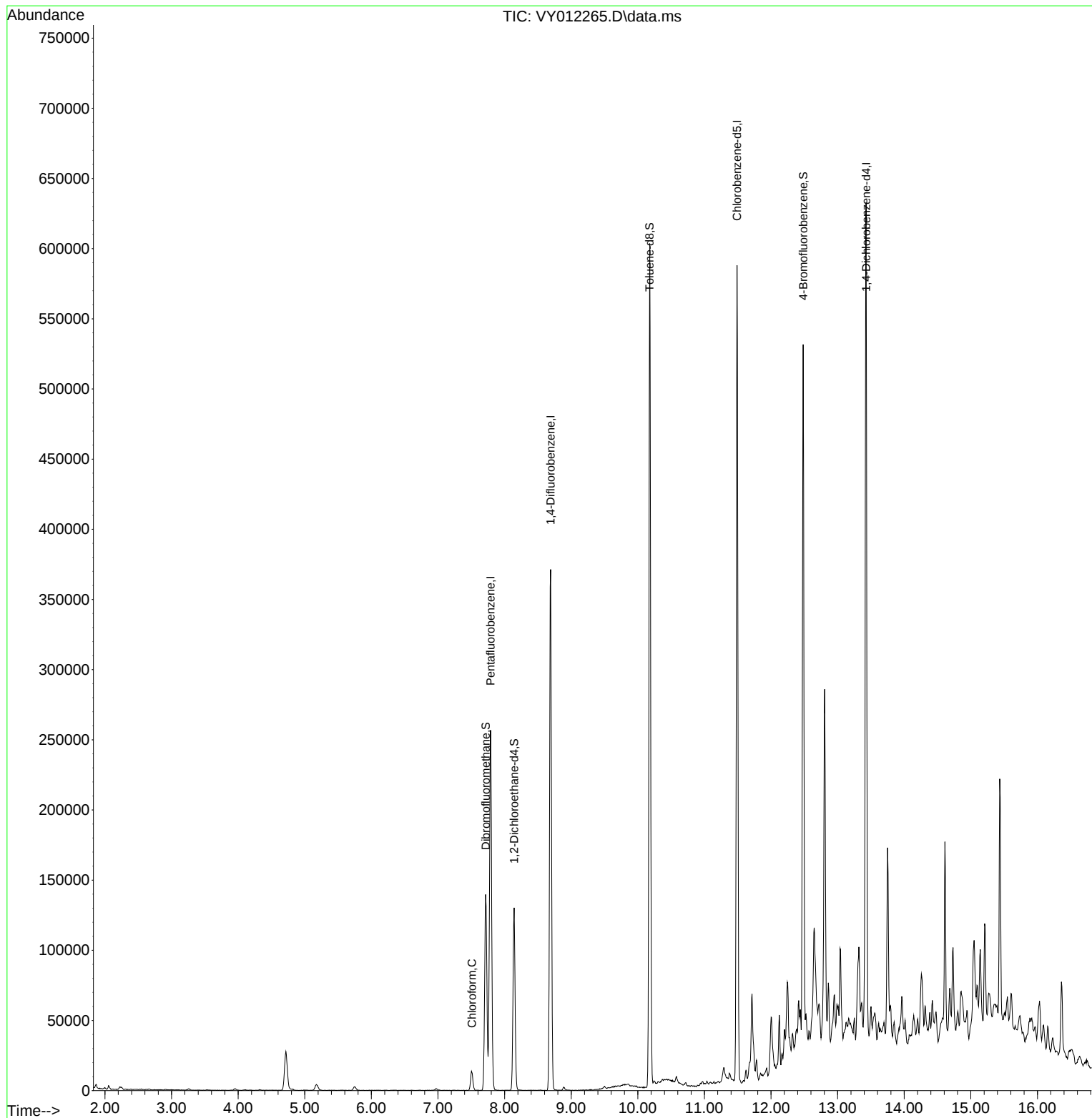
Internal Standards						
1) Pentafluorobenzene	7.789	168	203621	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	332854	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	331466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	160474	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	106914	64.485	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.960%	
35) Dibromofluoromethane	7.716	113	95467	54.167	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.340%	
50) Toluene-d8	10.179	98	401338	67.213	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 134.420%	
62) 4-Bromofluorobenzene	12.483	95	141626	57.003	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 114.000%	
Target Compounds						
					Qvalue	
30) Chloroform	7.508	83	13198	3.497	ug/l	88

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

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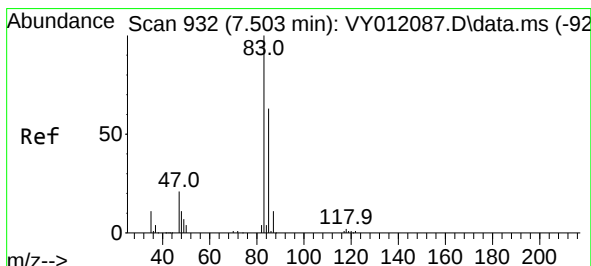
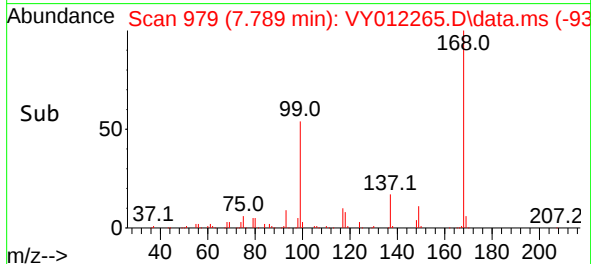
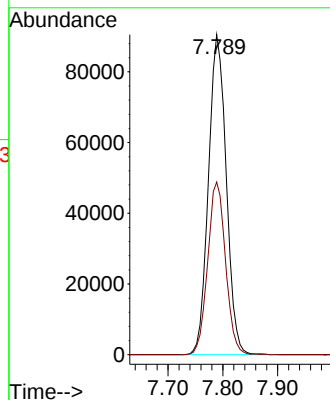
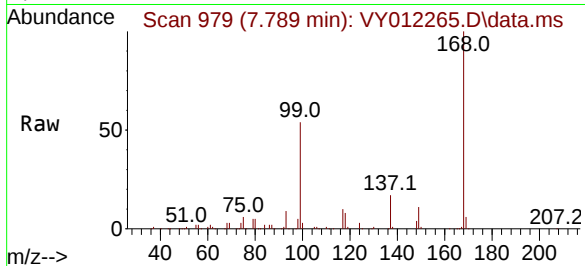




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012265.D
Acq: 19 Jan 2023 15:00

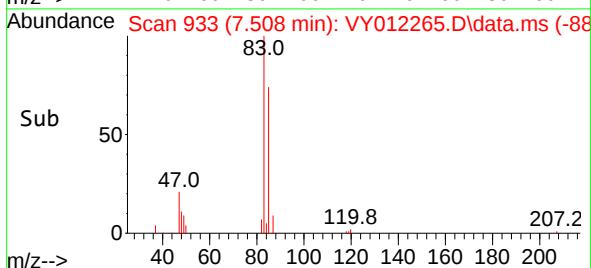
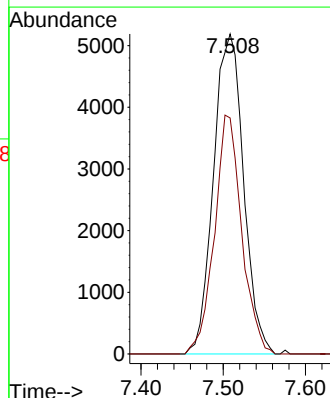
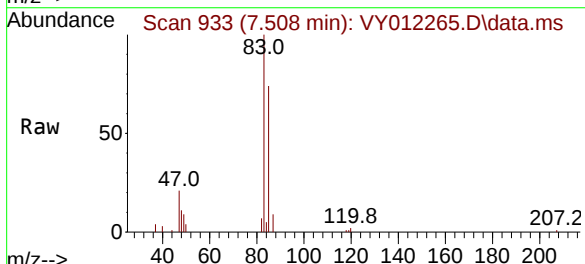
Instrument :
MSVOA_Y
ClientSampleId :
TJRC-011823-B3-30-40

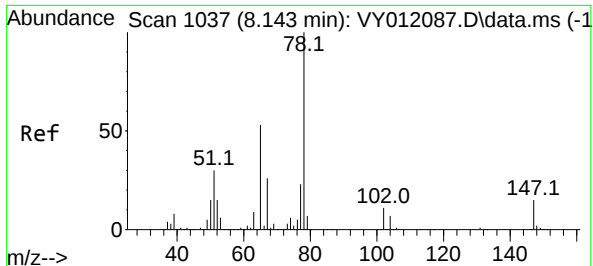
Tgt Ion:168 Resp: 203621
Ion Ratio Lower Upper
168 100
99 53.9 44.0 66.0



#30
Chloroform
Concen: 3.497 ug/l
RT: 7.508 min Scan# 933
Delta R.T. 0.005 min
Lab File: VY012265.D
Acq: 19 Jan 2023 15:00

Tgt Ion: 83 Resp: 13198
Ion Ratio Lower Upper
83 100
85 73.8 51.5 77.3





#33

1,2-Dichloroethane-d4

Concen: 64.485 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY012265.D

Acq: 19 Jan 2023 15:00

Instrument :

MSVOA_Y

ClientSampleId :

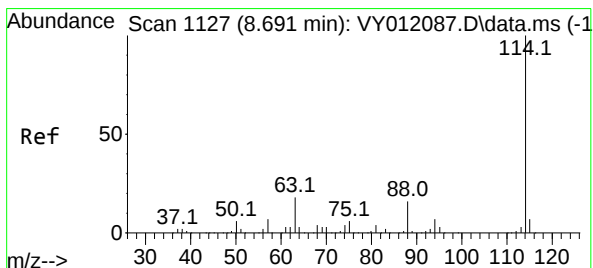
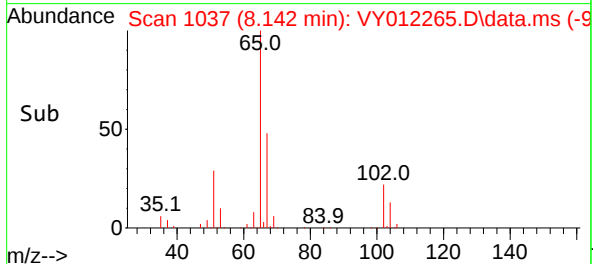
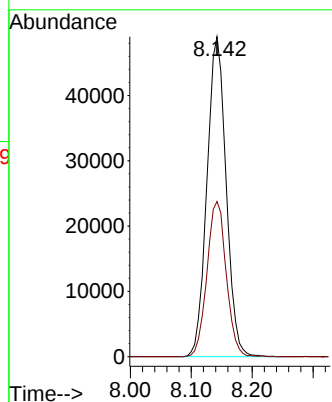
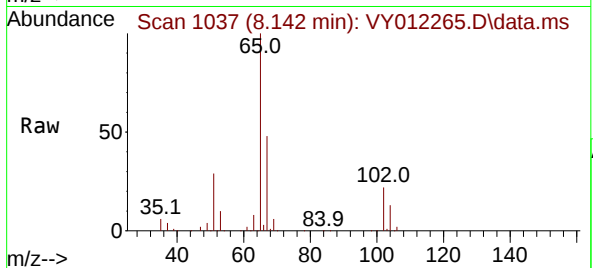
TJRC-011823-B3-30-40

Tgt Ion: 65 Resp: 106914

Ion Ratio Lower Upper

65 100

67 48.9 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: VY012265.D

Acq: 19 Jan 2023 15:00

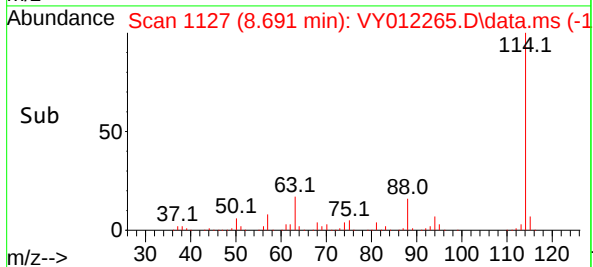
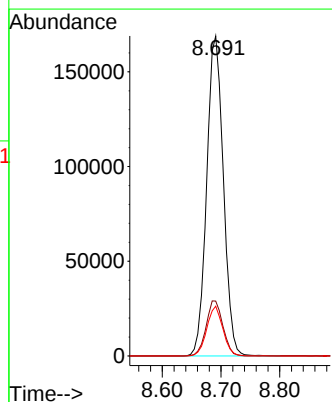
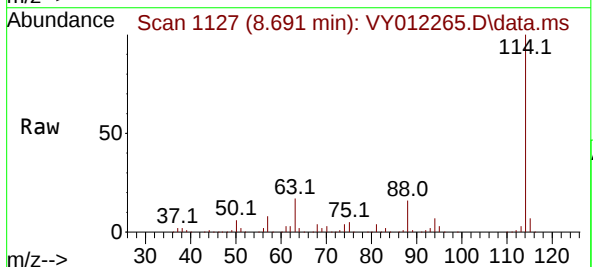
Tgt Ion: 114 Resp: 332854

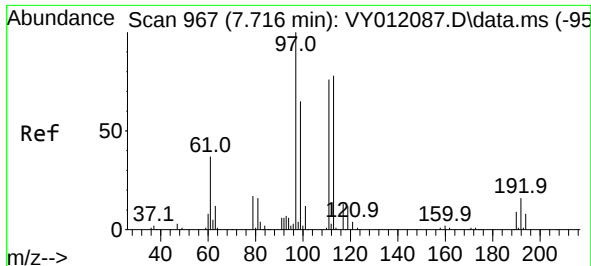
Ion Ratio Lower Upper

114 100

63 17.1 0.0 39.6

88 15.5 0.0 32.2

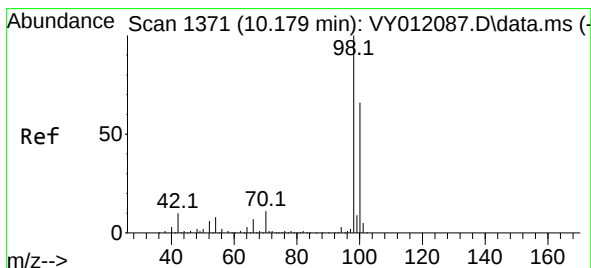
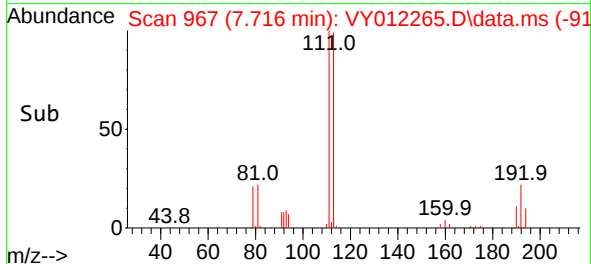
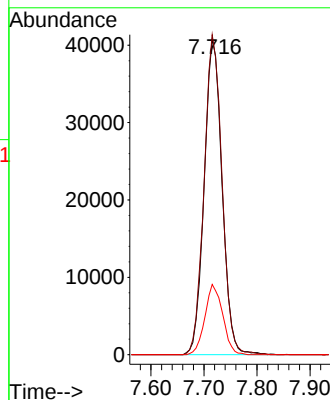
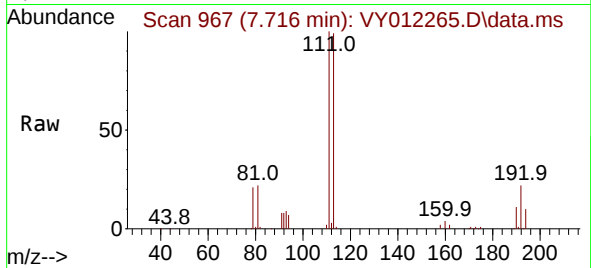




#35
Dibromofluoromethane
Concen: 54.167 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY012265.D
Acq: 19 Jan 2023 15:00

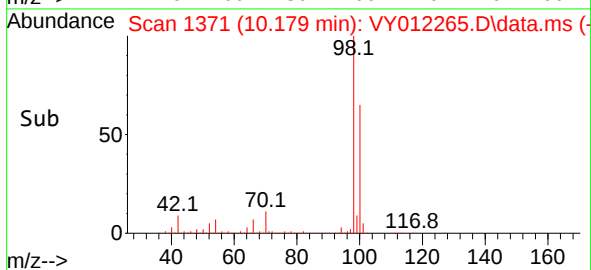
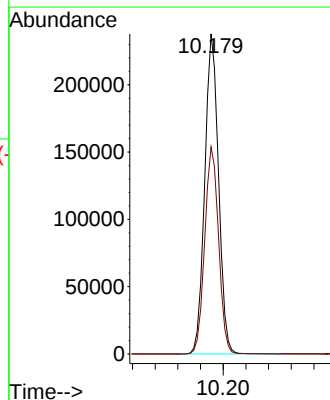
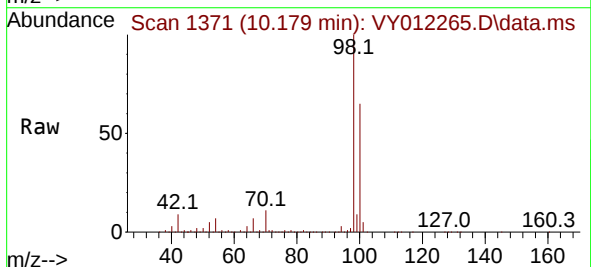
Instrument :
MSVOA_Y
ClientSampleId :
TJRC-011823-B3-30-40

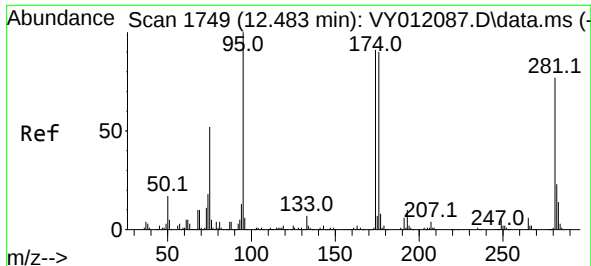
Tgt Ion:113 Resp: 95467
Ion Ratio Lower Upper
113 100
111 101.9 83.0 124.4
192 22.1 16.0 24.0



#50
Toluene-d8
Concen: 67.213 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012265.D
Acq: 19 Jan 2023 15:00

Tgt Ion: 98 Resp: 401338
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9

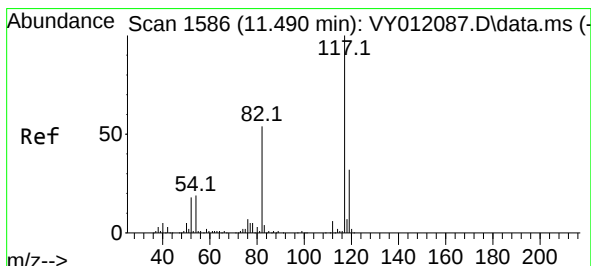
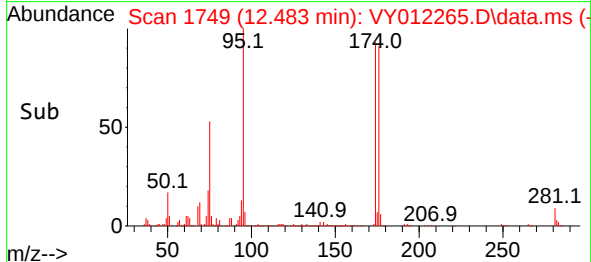
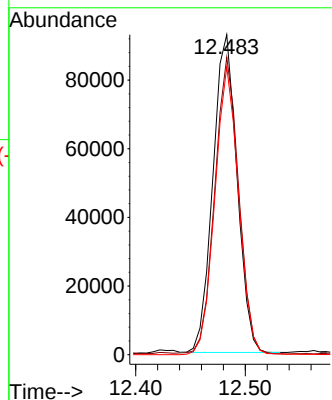
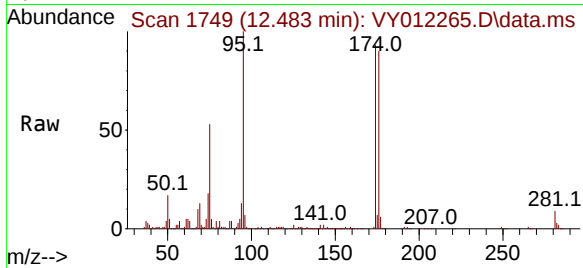




#62
4-Bromofluorobenzene
Concen: 57.003 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012265.D
Acq: 19 Jan 2023 15:00

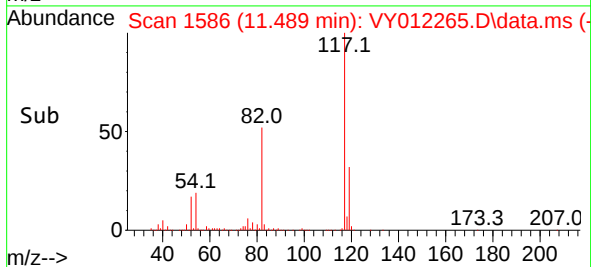
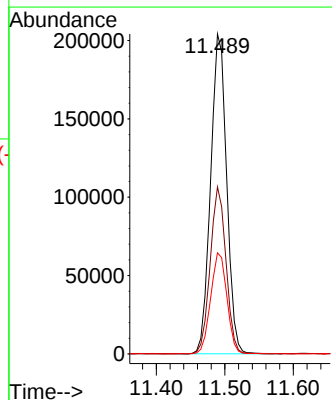
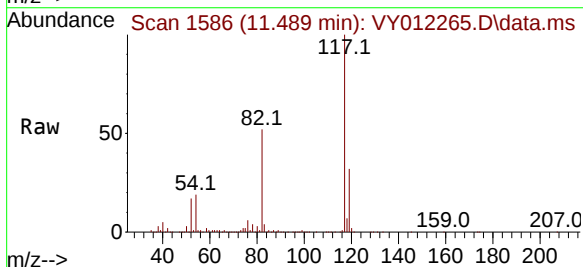
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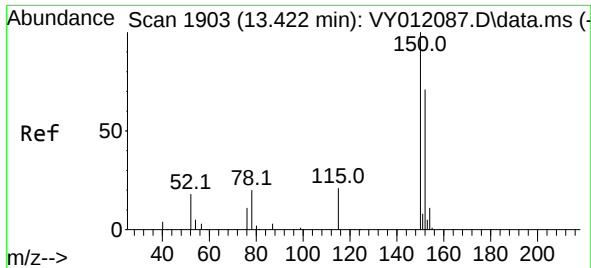
Tgt Ion: 95 Resp: 141626
Ion Ratio Lower Upper
95 100
174 92.8 0.0 172.0
176 89.5 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012265.D
Acq: 19 Jan 2023 15:00

Tgt Ion: 117 Resp: 331466
Ion Ratio Lower Upper
117 100
82 52.1 44.8 67.2
119 31.6 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: VY012265.D

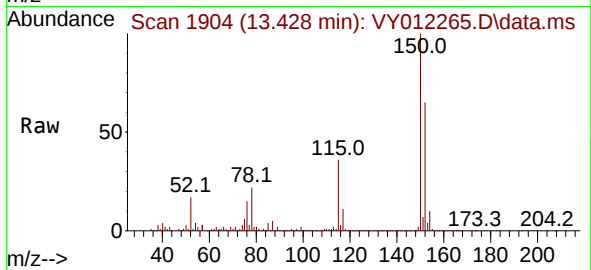
Acq: 19 Jan 2023 15:00

Instrument :

MSVOA_Y

ClientSampleId :

TJRC-011823-B3-30-40



Tgt Ion:152 Resp: 160474

Ion Ratio Lower Upper

152 100

115 56.3 29.1 87.3

150 155.5 0.0 342.6

