

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012423\
 Data File : VY012335.D
 Acq On : 24 Jan 2023 12:31
 Operator : KP/MD
 Sample : 01243-03
 Misc : 5.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TJRC-11823-B4-10-20

Quant Time: Jan 25 01:31:08 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	167202	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	275913	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	263091	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	121941	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	101202	74.987	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	149.980%
35) Dibromofluoromethane	7.722	113	81636	55.878	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.760%
50) Toluene-d8	10.178	98	329485	66.522	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	133.040%
62) 4-Bromofluorobenzene	12.483	95	109408	53.123	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.240%

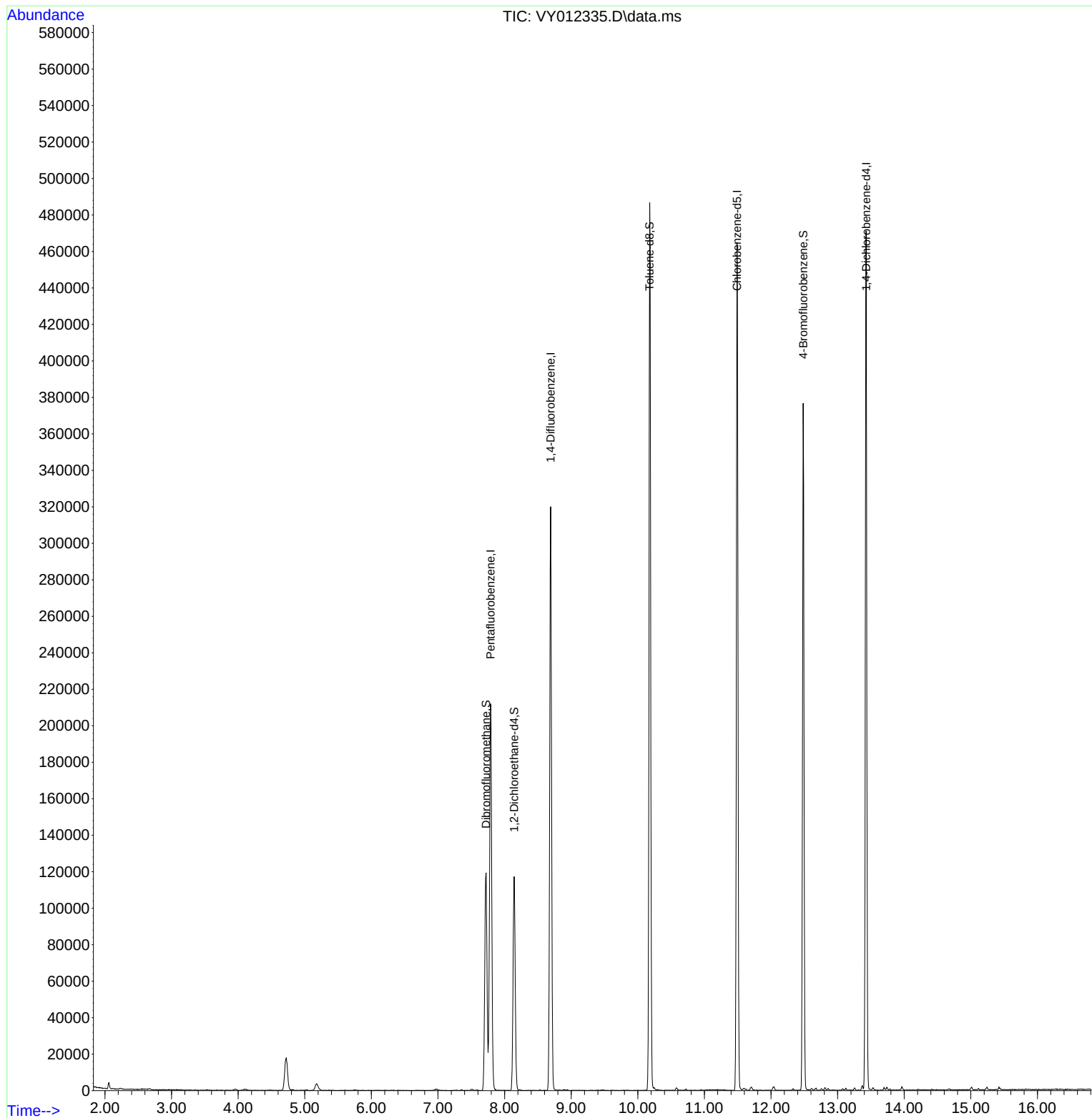
Target Compounds	Qvalue

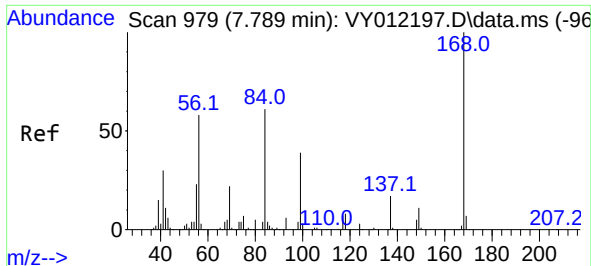
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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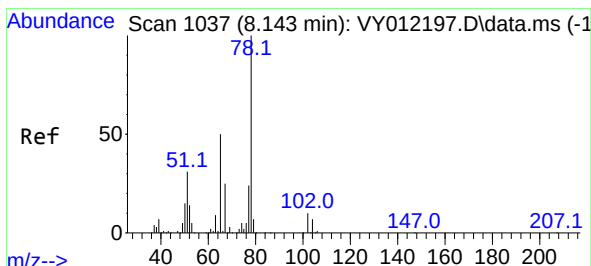
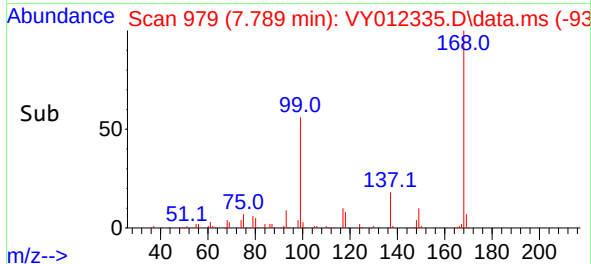
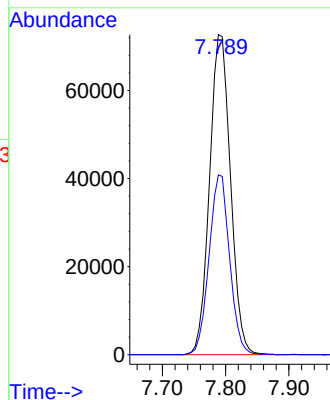
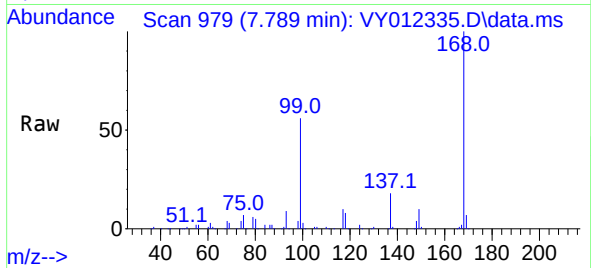




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012335.D
Acq: 24 Jan 2023 12:31

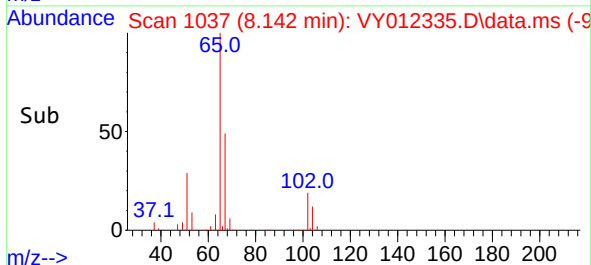
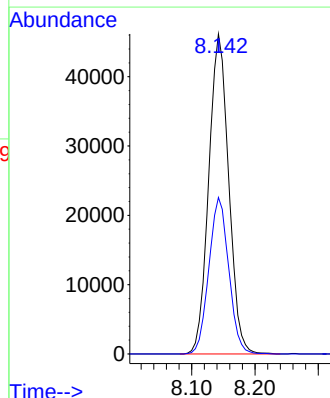
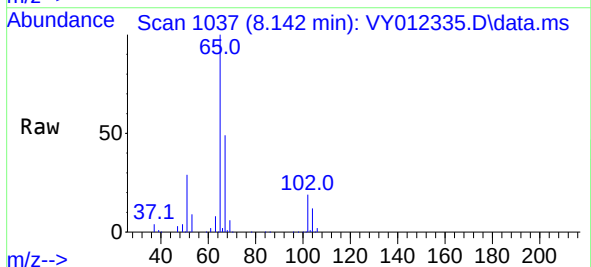
Instrument :
MSVOA_Y
ClientSampleId :
TJRC-11823-B4-10-20

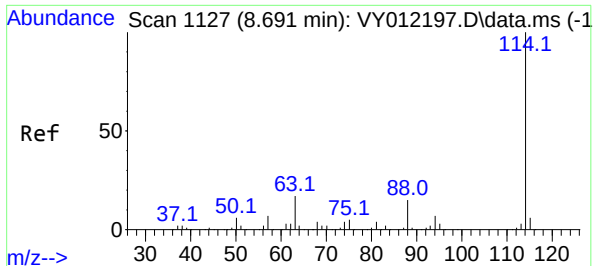
Tgt Ion:168 Resp: 167202
Ion Ratio Lower Upper
168 100
99 56.2 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 74.987 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012335.D
Acq: 24 Jan 2023 12:31

Tgt Ion: 65 Resp: 101202
Ion Ratio Lower Upper
65 100
67 48.7 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: VY012335.D

Acq: 24 Jan 2023 12:31

Instrument :

MSVOA_Y

ClientSampleId :

TJRC-11823-B4-10-20

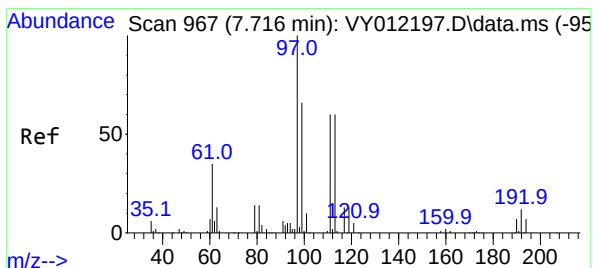
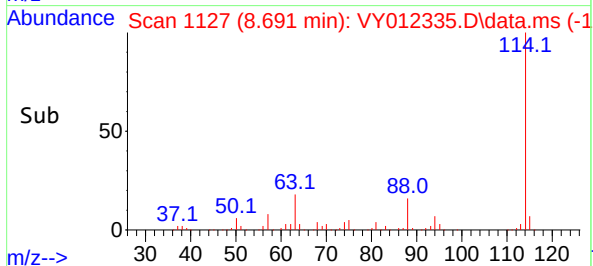
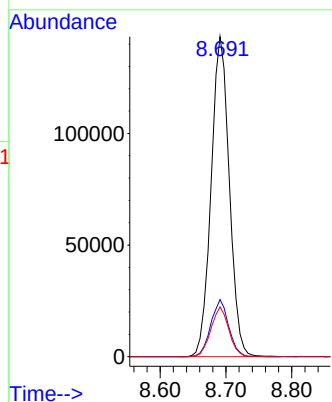
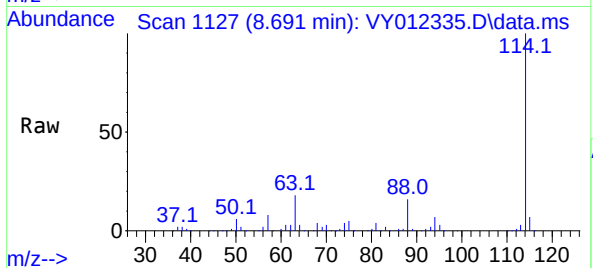
Tgt Ion:114 Resp: 275913

Ion Ratio Lower Upper

114 100

63 17.9 0.0 39.6

88 15.6 0.0 32.2



#35

Dibromofluoromethane

Concen: 55.878 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY012335.D

Acq: 24 Jan 2023 12:31

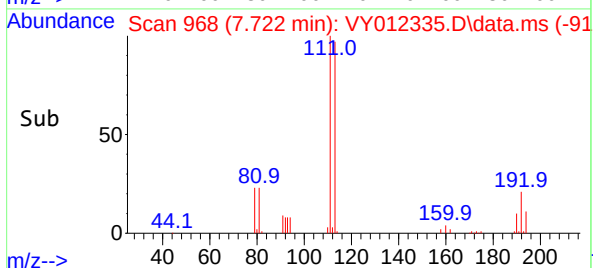
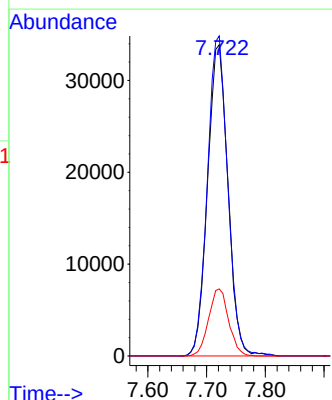
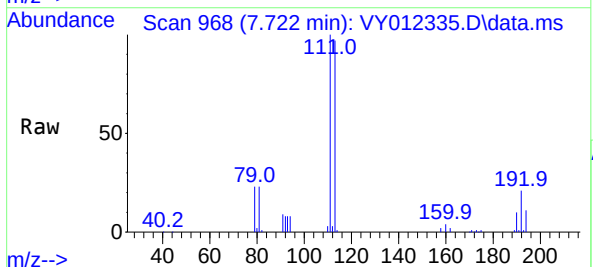
Tgt Ion:113 Resp: 81636

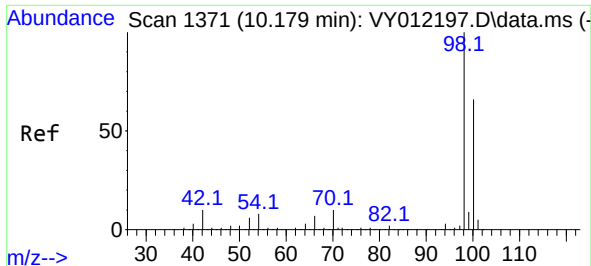
Ion Ratio Lower Upper

113 100

111 102.7 83.0 124.4

192 21.2 16.0 24.0

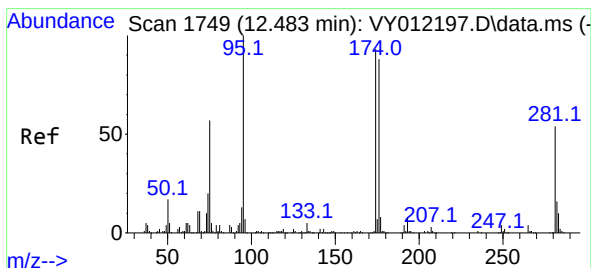
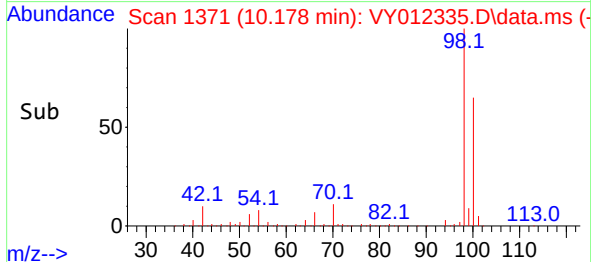
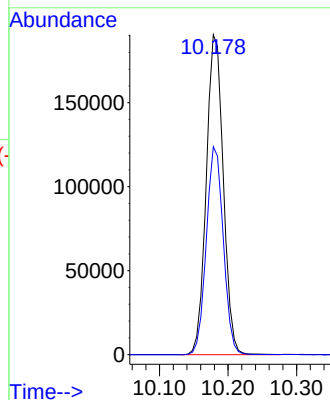
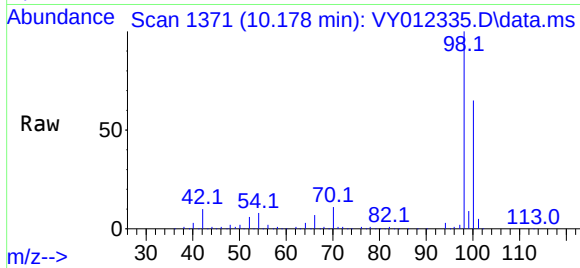




#50
Toluene-d8
Concen: 66.522 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012335.D
Acq: 24 Jan 2023 12:31

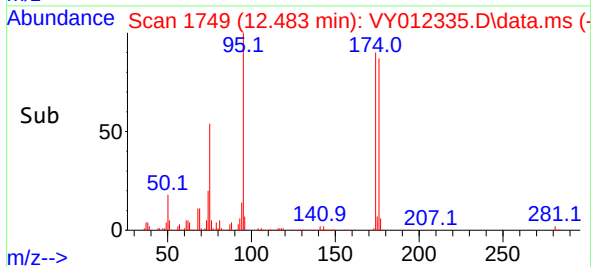
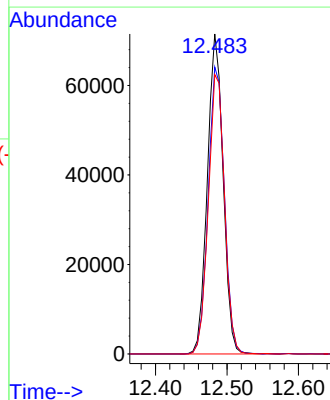
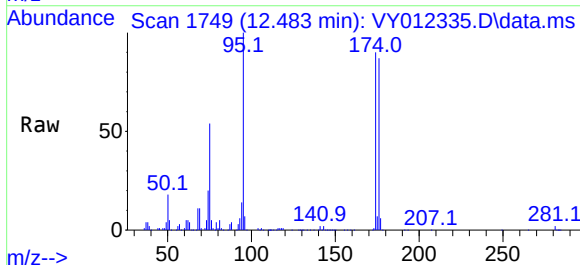
Instrument :
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ClientSampleId :
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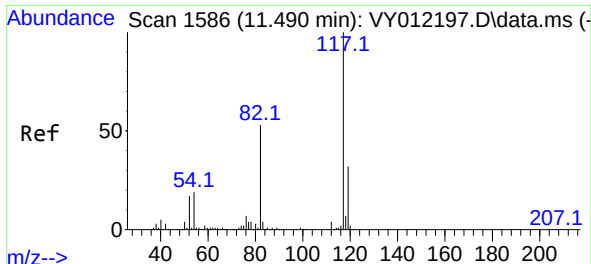
Tgt Ion: 98 Resp: 329485
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 53.123 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012335.D
Acq: 24 Jan 2023 12:31

Tgt Ion: 95 Resp: 109408
Ion Ratio Lower Upper
95 100
174 92.3 0.0 172.0
176 89.6 0.0 167.6

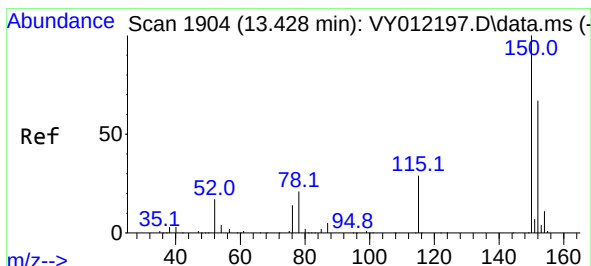
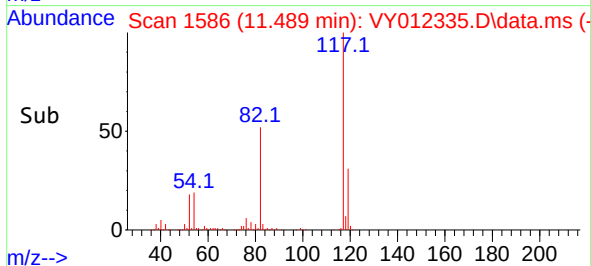
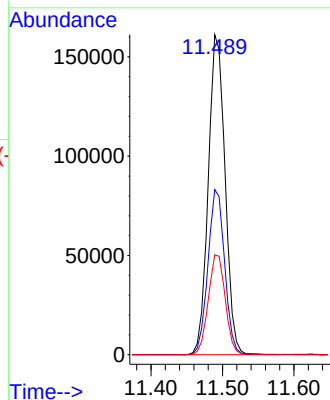
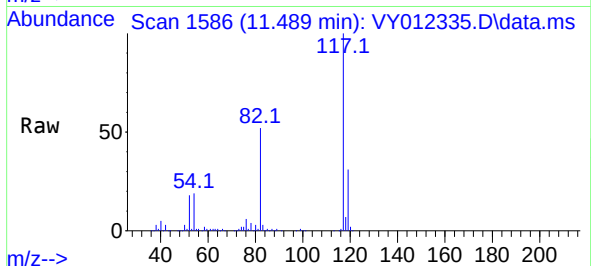




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012335.D
Acq: 24 Jan 2023 12:31

Instrument :
MSVOA_Y
ClientSampleId :
TJRC-11823-B4-10-20

Tgt Ion:117 Resp: 263091
Ion Ratio Lower Upper
117 100
82 51.6 44.8 67.2
119 31.2 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: VY012335.D
Acq: 24 Jan 2023 12:31

Tgt Ion:152 Resp: 121941
Ion Ratio Lower Upper
152 100
115 57.7 29.1 87.3
150 157.6 0.0 342.6

