

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042023\
 Data File : VY013368.D
 Acq On : 20 Apr 2023 15:13
 Operator : KP/MD
 Sample : 02371-05RE
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-22-8.5-9.0RE

Quant Time: Apr 21 02:15:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	73896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	66061	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	69226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	34671	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	34308	38.633	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	77.260%
35) Dibromofluoromethane	7.728	113	25747	60.202	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	120.400%
50) Toluene-d8	10.173	98	77800	48.873	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.740%
62) 4-Bromofluorobenzene	12.483	95	48133	93.060	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	186.120%#

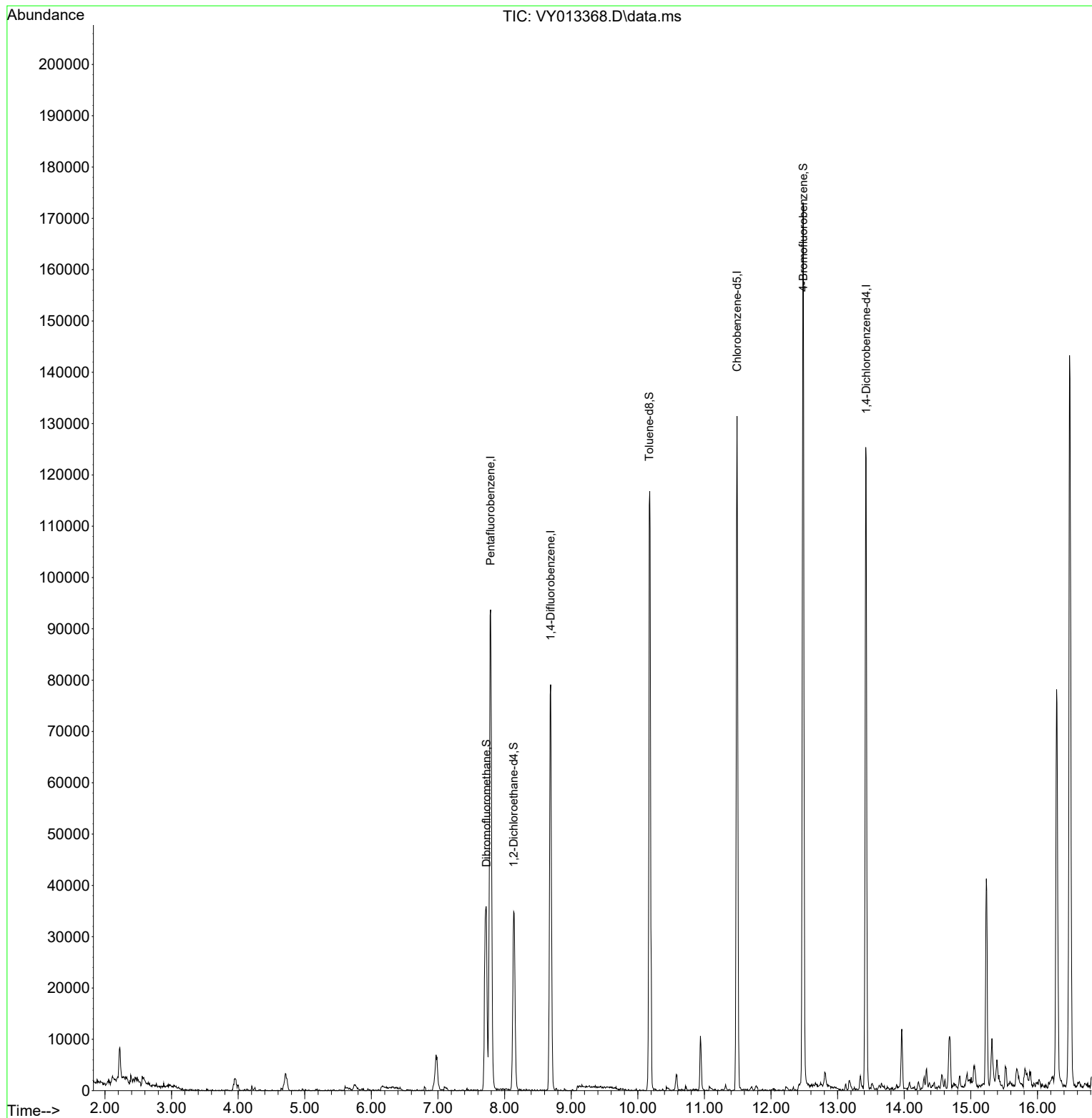
Target Compounds	Qvalue

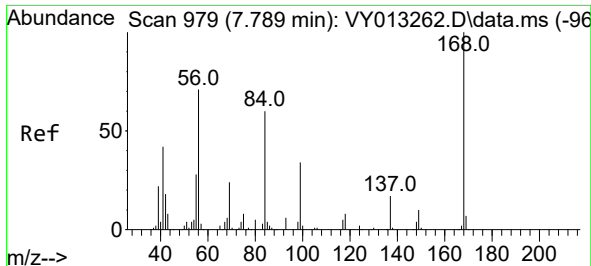
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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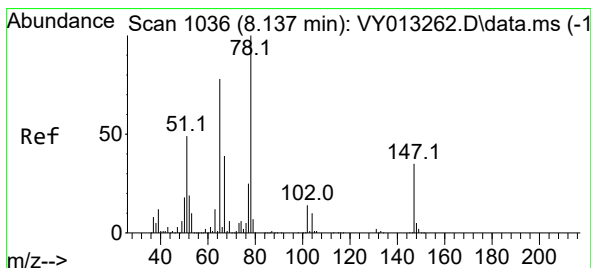
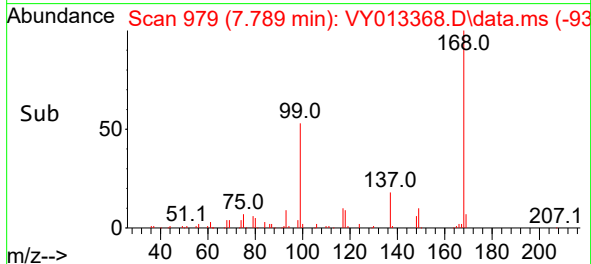
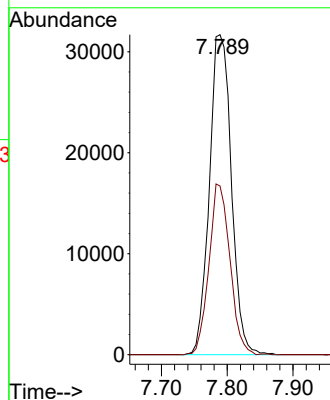
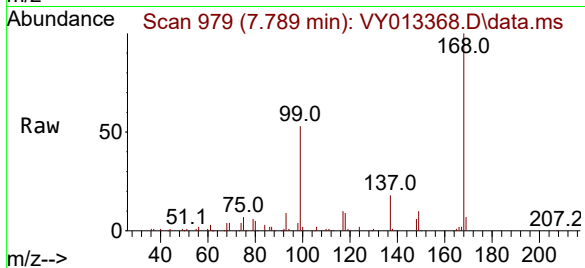




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013368.D
Acq: 20 Apr 2023 15:13

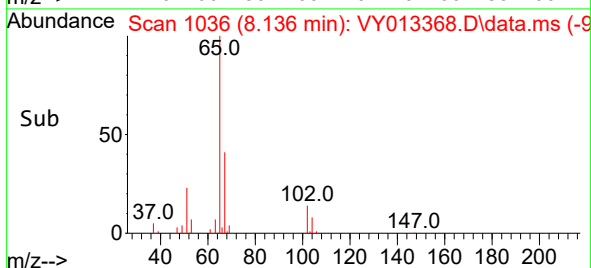
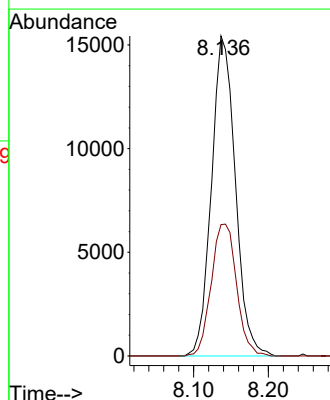
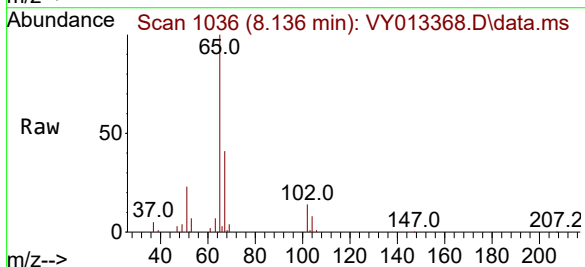
Instrument :
MSVOA_Y
ClientSampleId :
SB-22-8.5-9.0RE

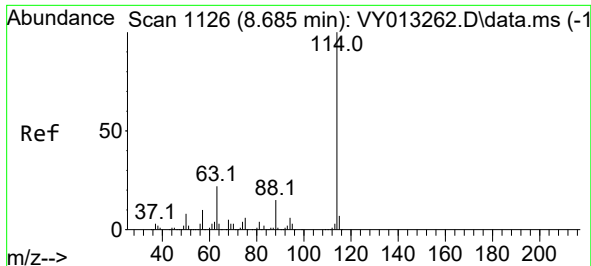
Tgt Ion:168 Resp: 73896
Ion Ratio Lower Upper
168 100
99 52.7 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 38.633 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY013368.D
Acq: 20 Apr 2023 15:13

Tgt Ion: 65 Resp: 34308
Ion Ratio Lower Upper
65 100
67 43.7 0.0 104.0

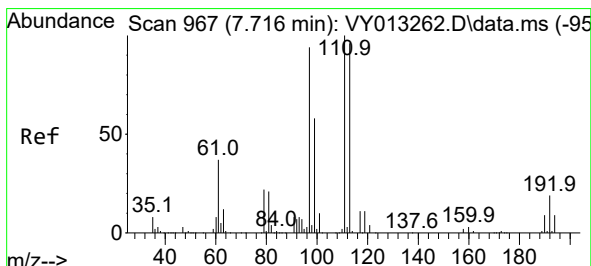
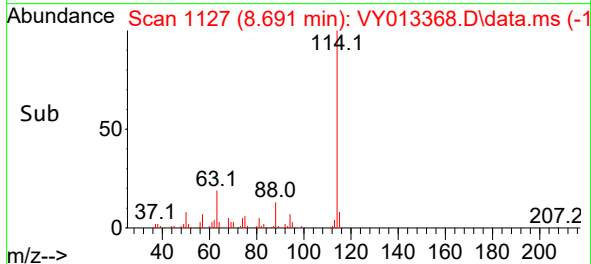
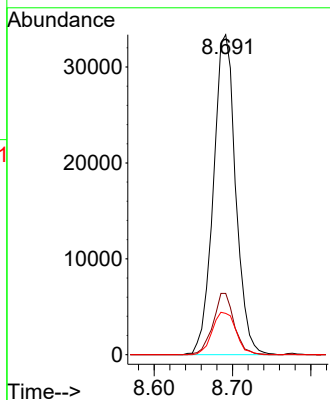
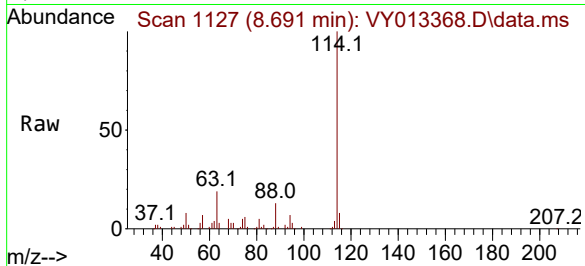




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY013368.D
Acq: 20 Apr 2023 15:13

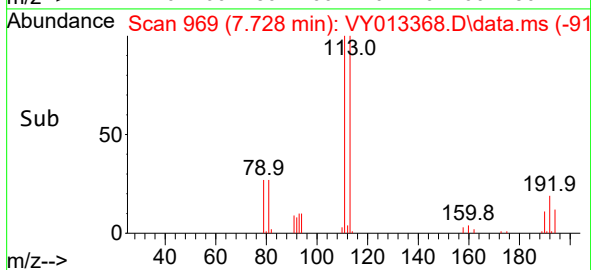
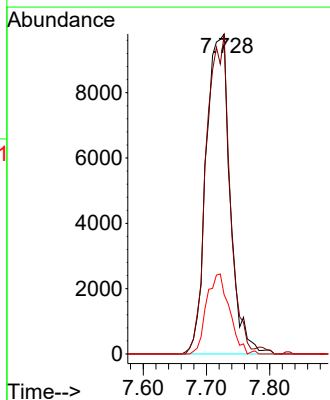
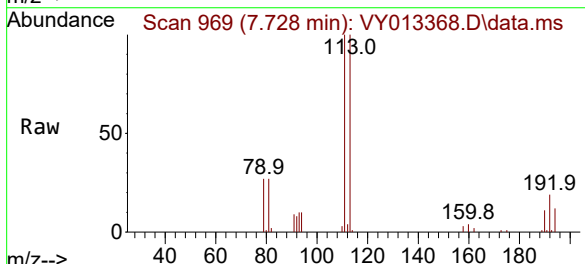
Instrument :
MSVOA_Y
ClientSampleId :
SB-22-8.5-9.0RE

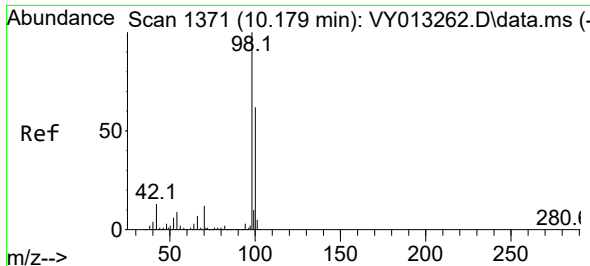
Tgt Ion:114	Resp:	66061
Ion Ratio	Lower	Upper
114	100	
63	19.1	0.0 37.4
88	12.9	0.0 28.6



#35
Dibromofluoromethane
Concen: 60.202 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY013368.D
Acq: 20 Apr 2023 15:13

Tgt Ion:113	Resp:	25747
Ion Ratio	Lower	Upper
113	100	
111	97.4	82.2 123.2
192	23.9	16.8 25.2

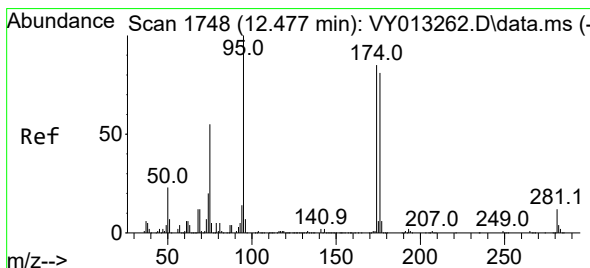
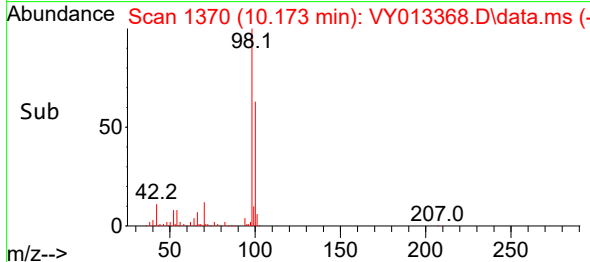
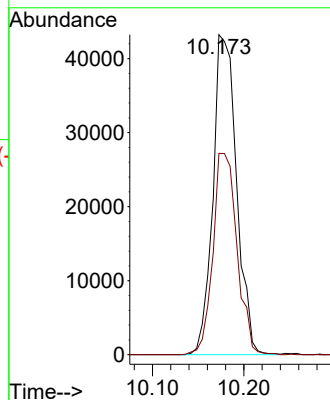
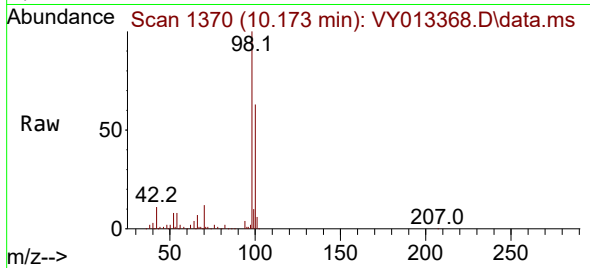




#50
Toluene-d8
Concen: 48.873 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013368.D
Acq: 20 Apr 2023 15:13

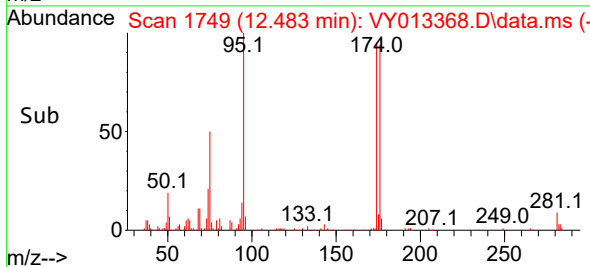
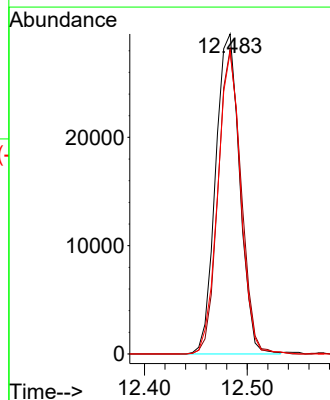
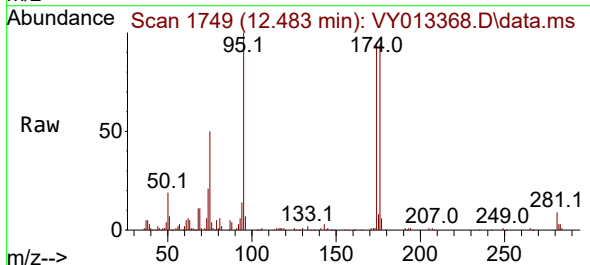
Instrument :
MSVOA_Y
ClientSampleId :
SB-22-8.5-9.0RE

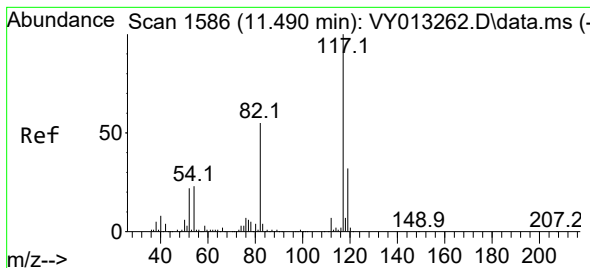
Tgt Ion: 98 Resp: 77800
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 93.060 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013368.D
Acq: 20 Apr 2023 15:13

Tgt Ion: 95 Resp: 48133
Ion Ratio Lower Upper
95 100
174 90.7 0.0 176.6
176 89.7 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013368.D

Acq: 20 Apr 2023 15:13

Instrument :

MSVOA_Y

ClientSampleId :

SB-22-8.5-9.0RE

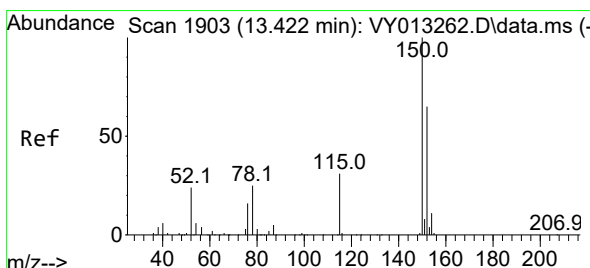
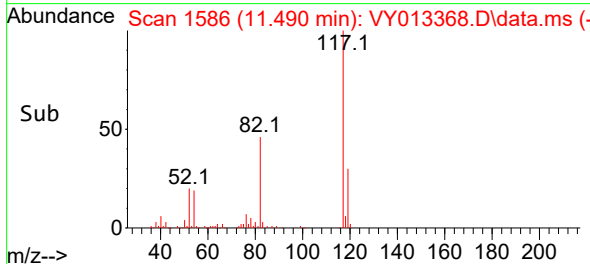
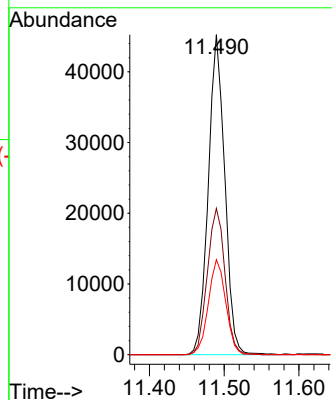
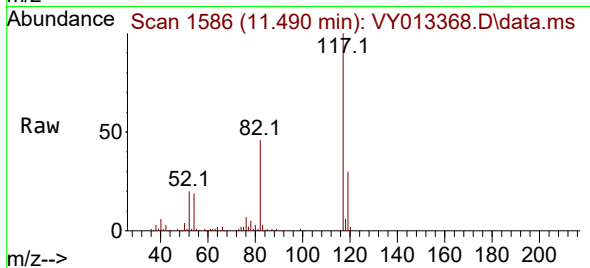
Tgt Ion:117 Resp: 69226

Ion Ratio Lower Upper

117 100

82 45.7 45.4 68.0

119 29.7 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY013368.D

Acq: 20 Apr 2023 15:13

Tgt Ion:152 Resp: 34671

Ion Ratio Lower Upper

152 100

115 53.4 27.1 81.3

150 156.9 0.0 347.8

