

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042023\
 Data File : VY013372.D
 Acq On : 20 Apr 2023 16:47
 Operator : KP/MD
 Sample : 02371-15RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-17-8.0-8.5RE

Quant Time: Apr 21 02:15:42 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)

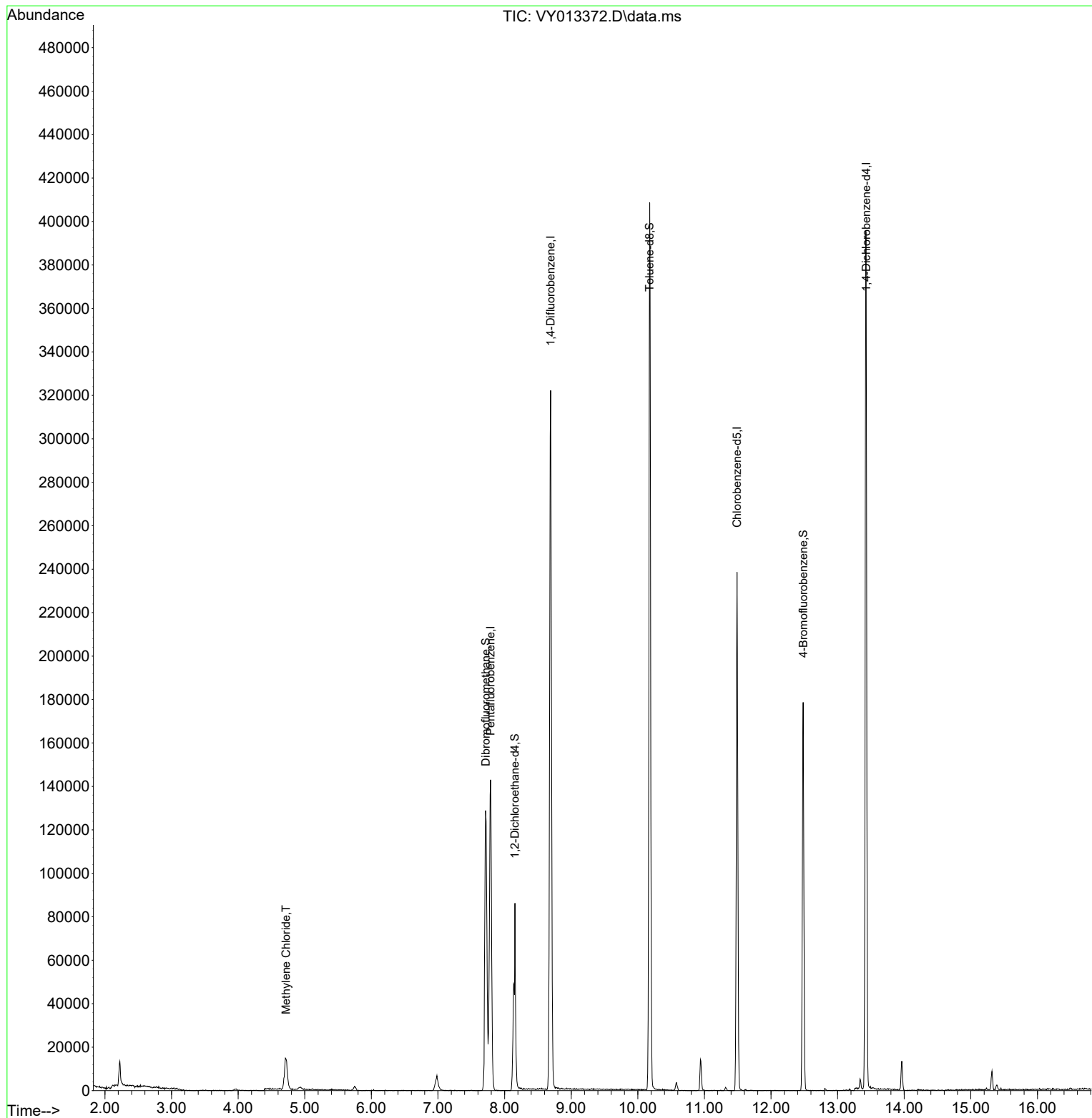
Internal Standards						
1) Pentafluorobenzene	7.789	168	112058	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	273229	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	119774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	108353	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	62567	46.460	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.920%
35) Dibromofluoromethane	7.715	113	84110	47.550	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.100%
50) Toluene-d8	10.178	98	270375	41.065	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	82.140%
62) 4-Bromofluorobenzene	12.483	95	39588	18.506	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	37.020%
Target Compounds						
20) Methylene Chloride	4.716	84	10929	5.100	ug/l	Qvalue 83

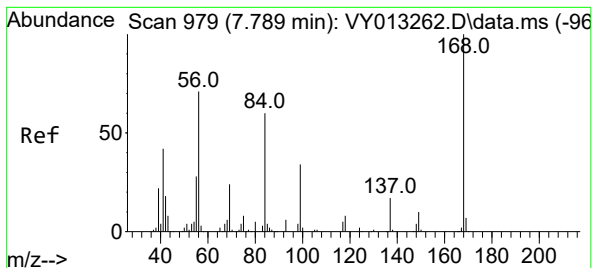
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY013372.D

Acq: 20 Apr 2023 16:47

Instrument :

MSVOA_Y

ClientSampleId :

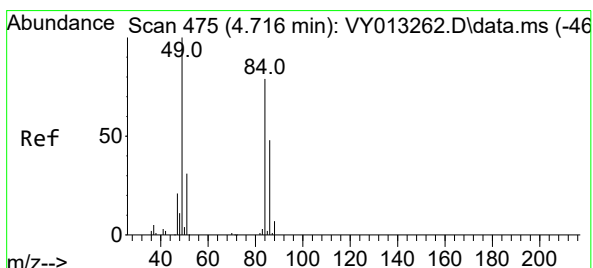
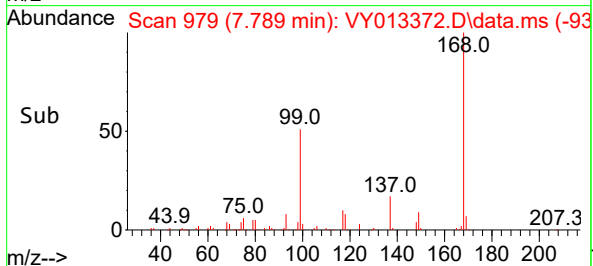
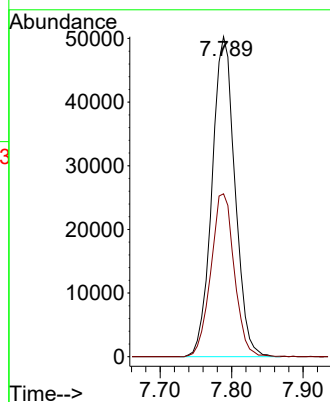
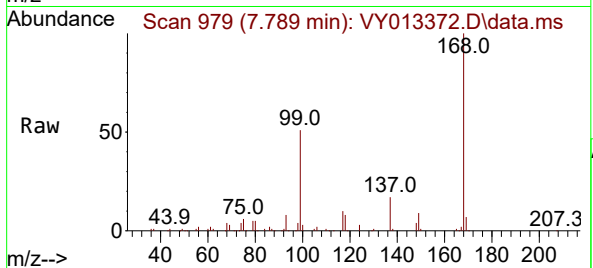
SB-17-8.0-8.5RE

Tgt Ion:168 Resp: 112058

Ion Ratio Lower Upper

168 100

99 50.9 41.7 62.5



#20

Methylene Chloride

Concen: 5.100 ug/l

RT: 4.716 min Scan# 475

Delta R.T. -0.000 min

Lab File: VY013372.D

Acq: 20 Apr 2023 16:47

Tgt Ion: 84 Resp: 10929

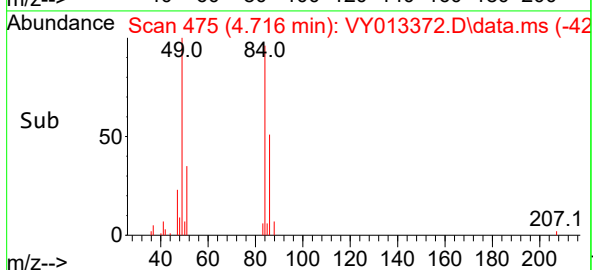
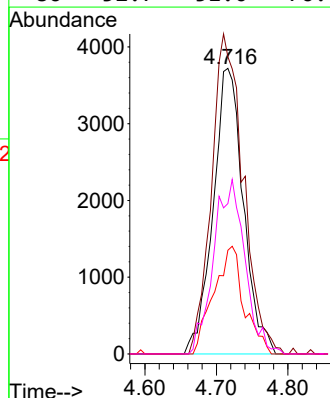
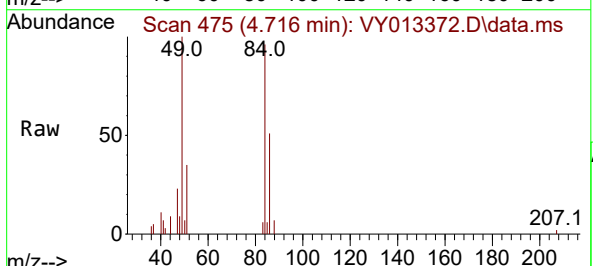
Ion Ratio Lower Upper

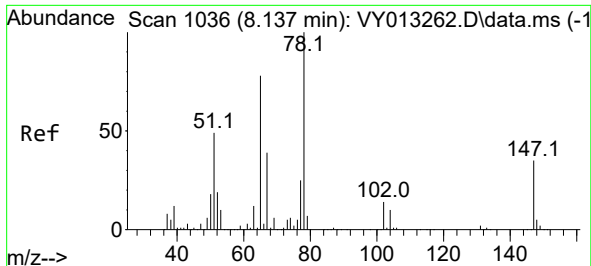
84 100

49 104.0 102.6 154.0

51 36.3 31.9 47.9

86 52.7 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 46.460 ug/l

RT: 8.154 min Scan# 110

Delta R.T. 0.018 min

Lab File: VY013372.D

Acq: 20 Apr 2023 16:47

Instrument :

MSVOA_Y

ClientSampleId :

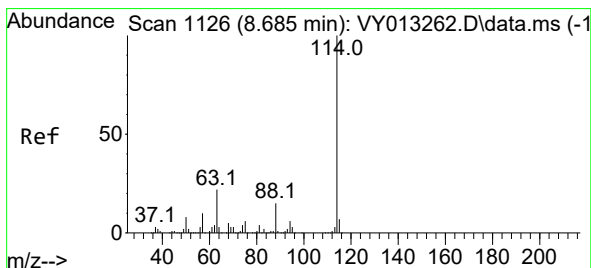
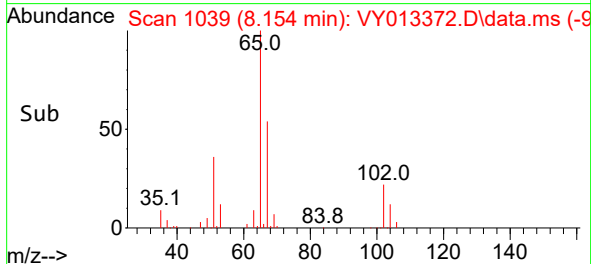
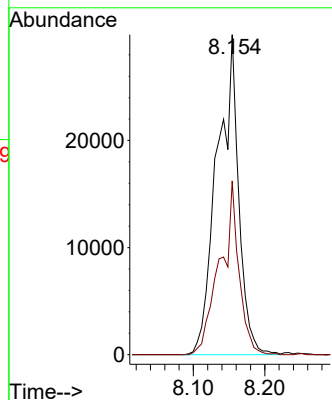
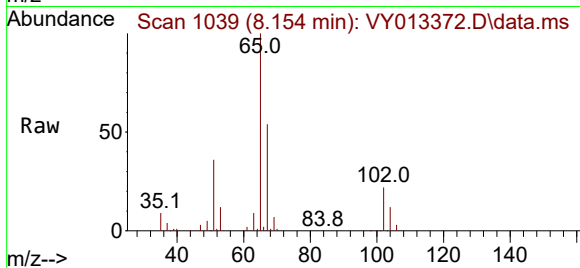
SB-17-8.0-8.5RE

Tgt Ion: 65 Resp: 62567

Ion Ratio Lower Upper

65 100

67 47.6 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY013372.D

Acq: 20 Apr 2023 16:47

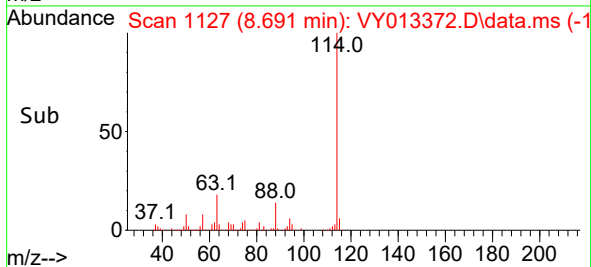
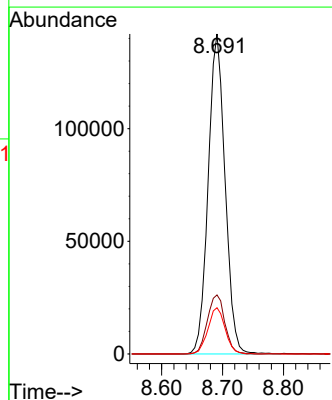
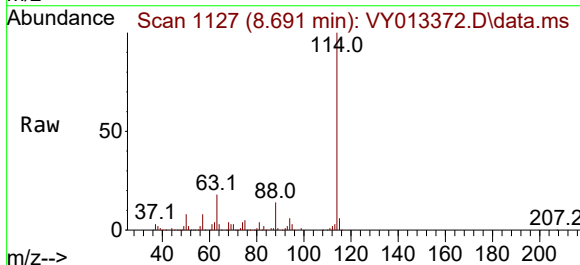
Tgt Ion: 114 Resp: 273229

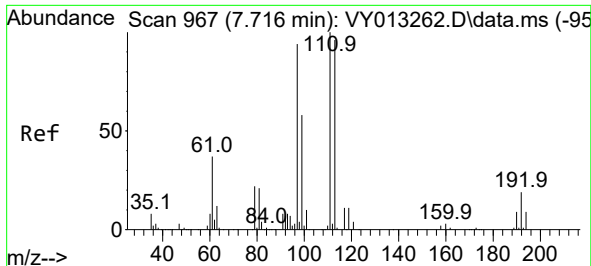
Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.4

88 14.4 0.0 28.6

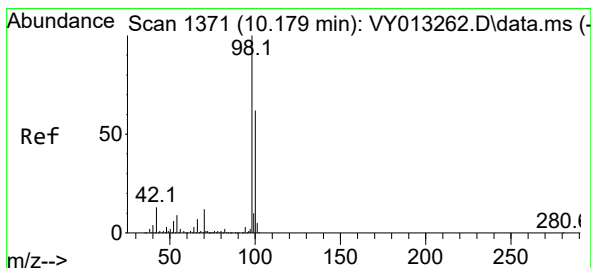
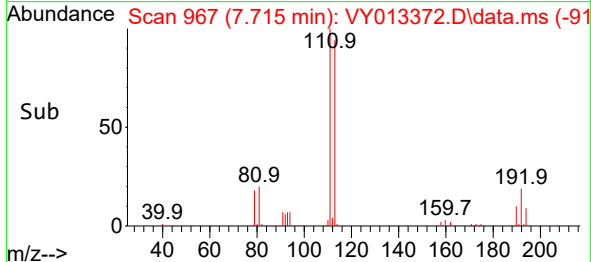
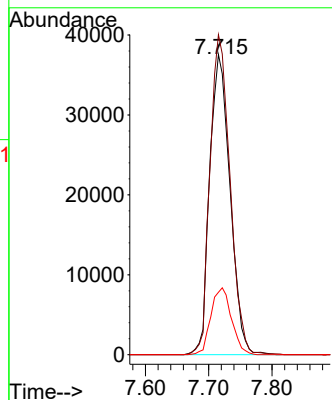
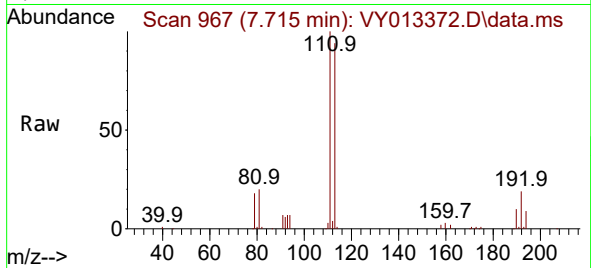




#35
Dibromofluoromethane
Concen: 47.550 ug/l
RT: 7.715 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013372.D
Acq: 20 Apr 2023 16:47

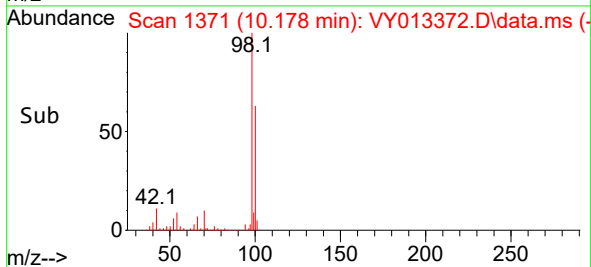
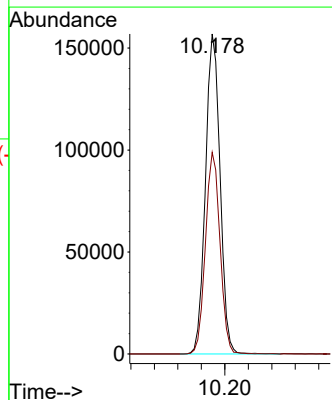
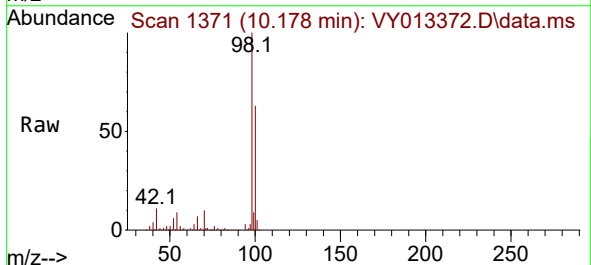
Instrument :
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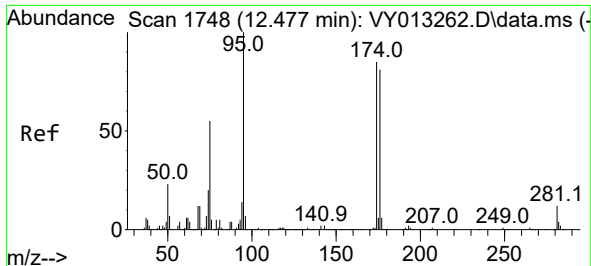
Tgt Ion:113 Resp: 84110
Ion Ratio Lower Upper
113 100
111 104.7 82.2 123.2
192 22.5 16.8 25.2



#50
Toluene-d8
Concen: 41.065 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013372.D
Acq: 20 Apr 2023 16:47

Tgt Ion: 98 Resp: 270375
Ion Ratio Lower Upper
98 100
100 62.8 50.9 76.3

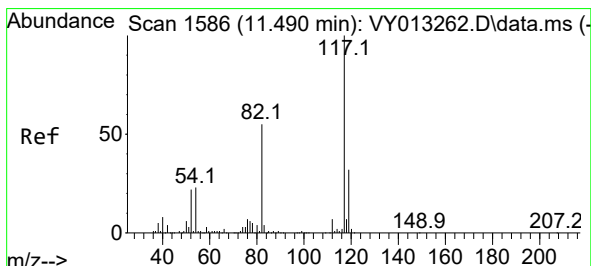
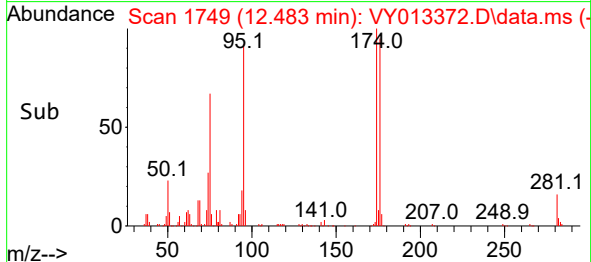
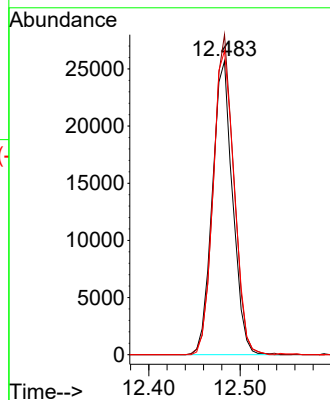
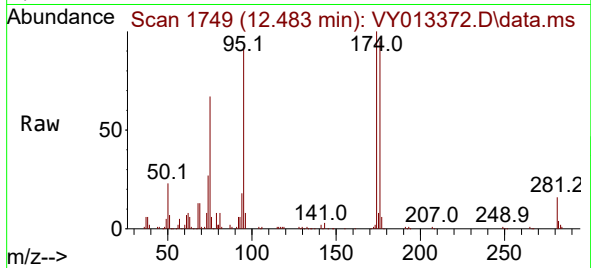




#62
4-Bromofluorobenzene
Concen: 18.506 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013372.D
Acq: 20 Apr 2023 16:47

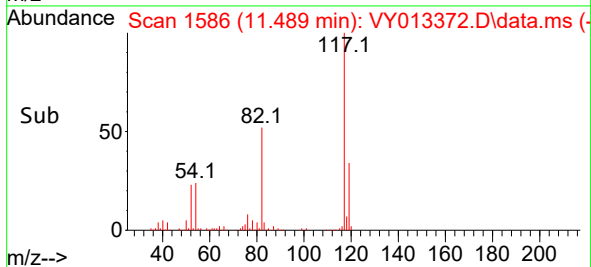
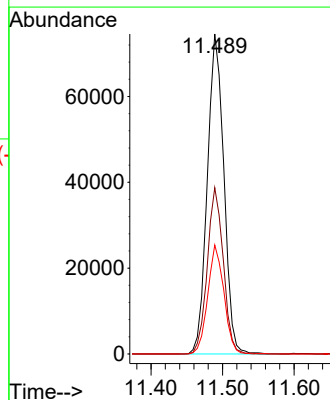
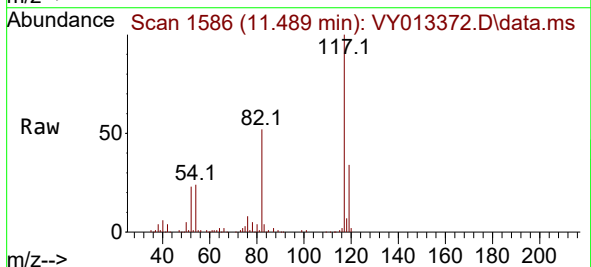
Instrument :
MSVOA_Y
ClientSampleId :
SB-17-8.0-8.5RE

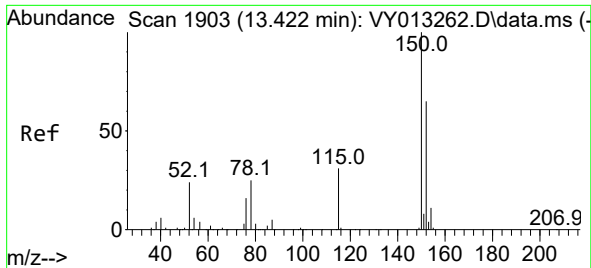
Tgt Ion: 95 Resp: 39588
Ion Ratio Lower Upper
95 100
174 109.1 0.0 176.6
176 107.5 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013372.D
Acq: 20 Apr 2023 16:47

Tgt Ion: 117 Resp: 119774
Ion Ratio Lower Upper
117 100
82 52.0 45.4 68.0
119 34.1 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: VY013372.D

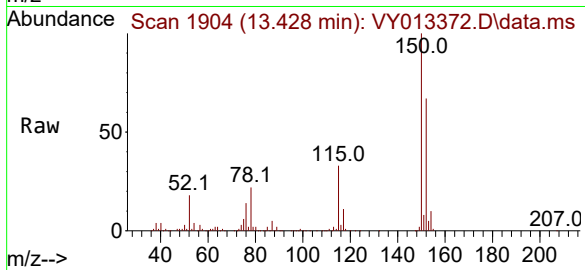
Acq: 20 Apr 2023 16:47

Instrument :

MSVOA_Y

ClientSampleId :

SB-17-8.0-8.5RE



Tgt Ion:152 Resp: 108353

Ion Ratio Lower Upper

152 100

115 54.8 27.1 81.3

150 155.0 0.0 347.8

