

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040524\
 Data File : VY017872.D
 Acq On : 05 Apr 2024 15:41
 Operator : SY/MD
 Sample : P1995-01
 Misc : 4.56g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 280648

Quant Time: Apr 06 04:49:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

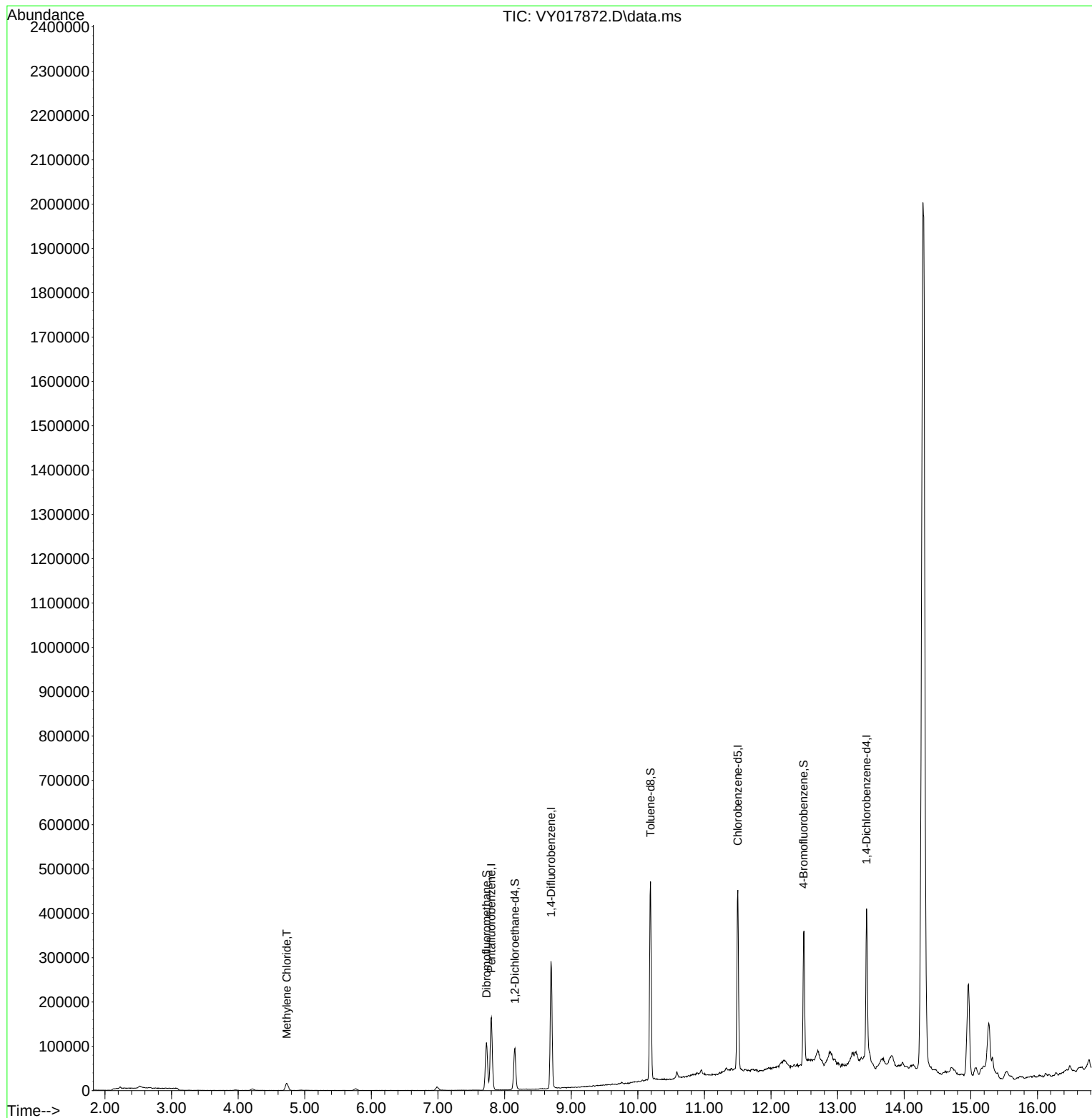
Internal Standards						
1) Pentafluorobenzene	7.801	168	130026	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	247143	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	218262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	84793	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	71151	63.236	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.480%	
35) Dibromofluoromethane	7.728	113	74963	52.491	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.980%	
50) Toluene-d8	10.191	98	298336	55.925	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.840%	
62) 4-Bromofluorobenzene	12.489	95	83075	51.185	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.360%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.729	84	12800	6.681	ug/l #	94

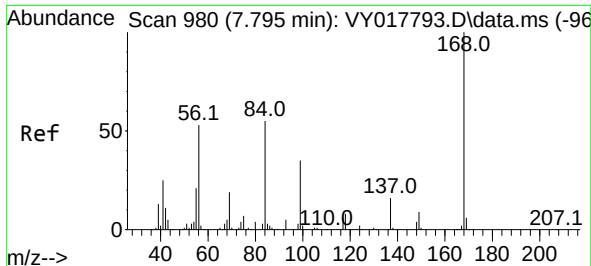
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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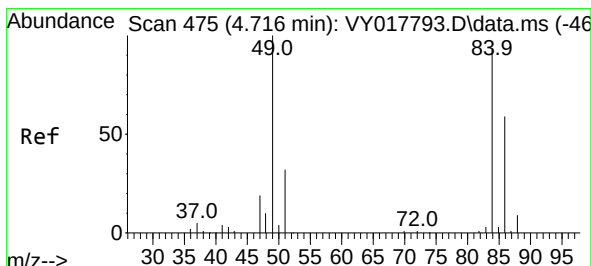
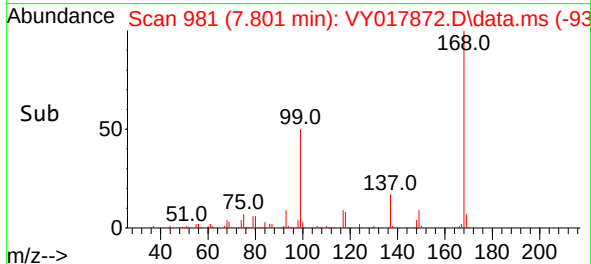
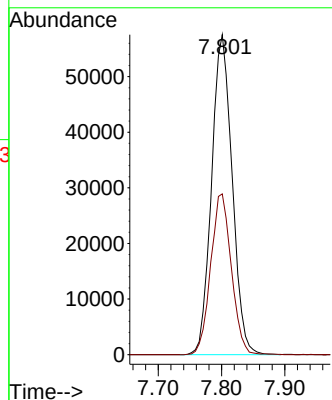
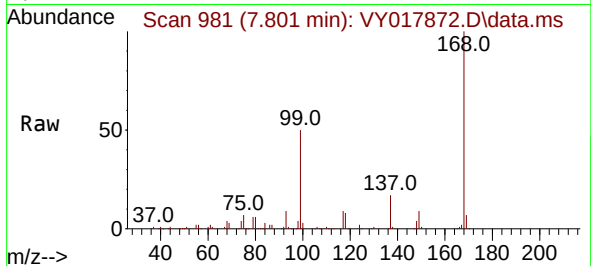




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017872.D
Acq: 05 Apr 2024 15:41

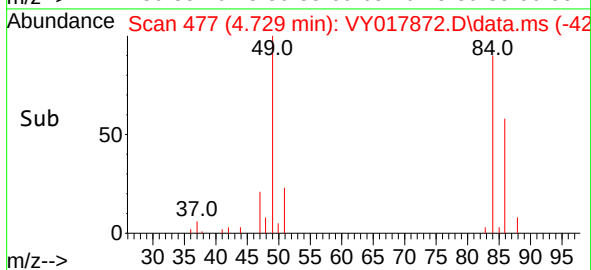
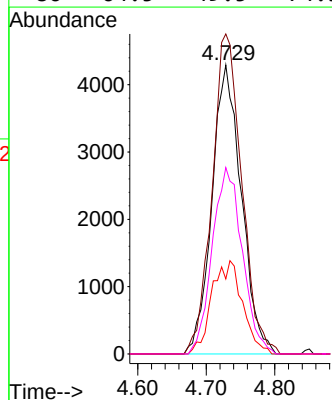
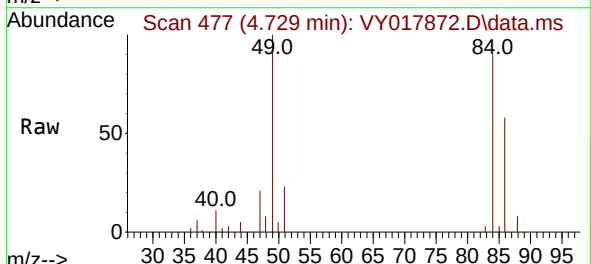
Instrument :
MSVOA_Y
ClientSampleId :
280648

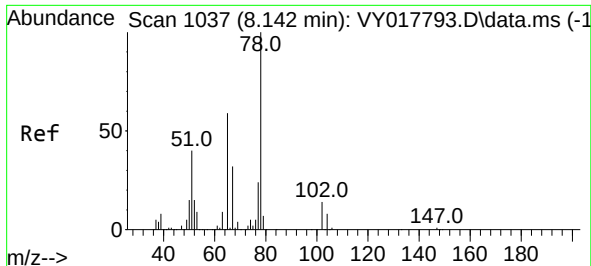
Tgt Ion:168 Resp: 130026
Ion Ratio Lower Upper
168 100
99 50.3 39.1 58.7



#20
Methylene Chloride
Concen: 6.681 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.013 min
Lab File: VY017872.D
Acq: 05 Apr 2024 15:41

Tgt Ion: 84 Resp: 12800
Ion Ratio Lower Upper
84 100
49 110.7 84.4 126.6
51 25.9 26.0 39.0#
86 64.5 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 63.236 ug/l

RT: 8.155 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017872.D

Acq: 05 Apr 2024 15:41

Instrument :

MSVOA_Y

ClientSampleId :

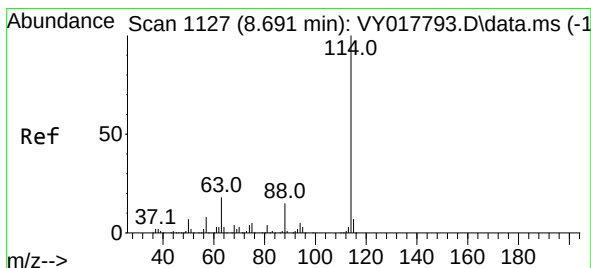
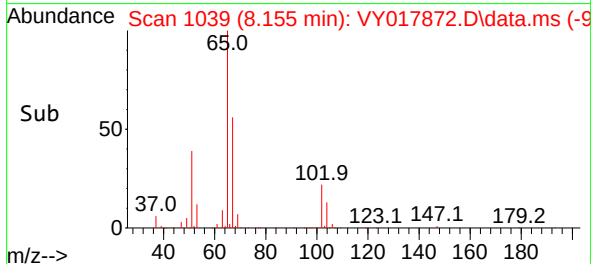
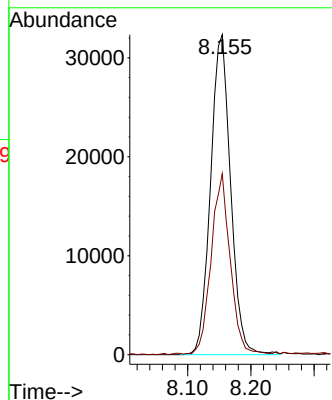
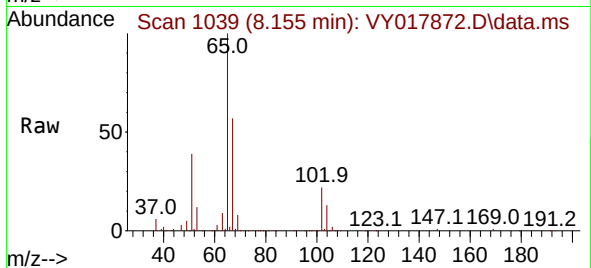
280648

Tgt Ion: 65 Resp: 71151

Ion Ratio Lower Upper

65 100

67 53.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017872.D

Acq: 05 Apr 2024 15:41

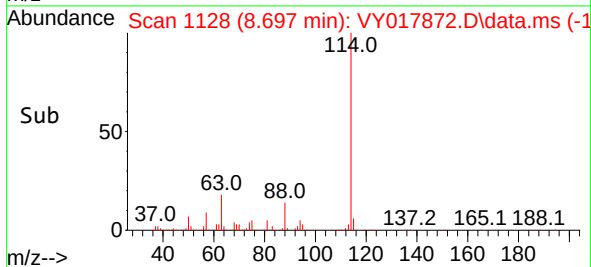
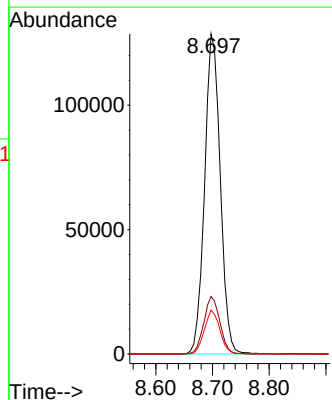
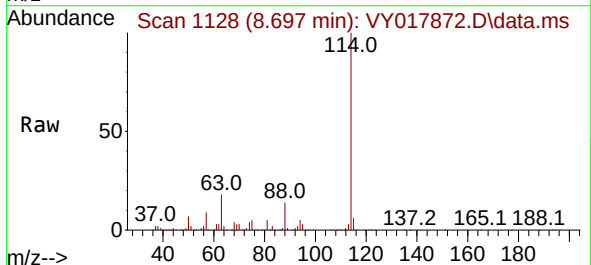
Tgt Ion: 114 Resp: 247143

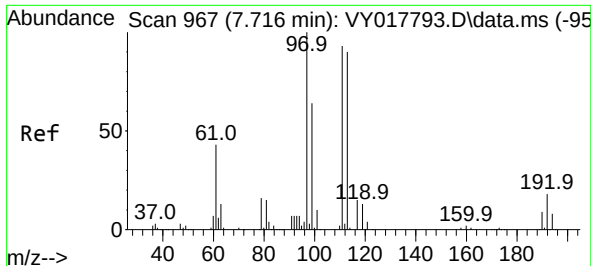
Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

88 13.7 0.0 27.2

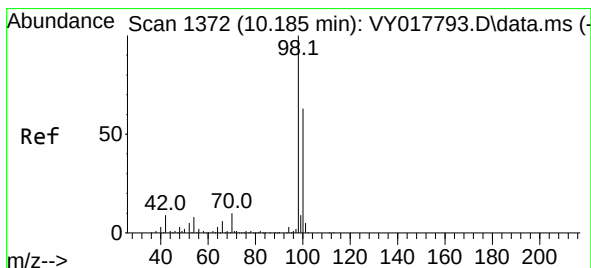
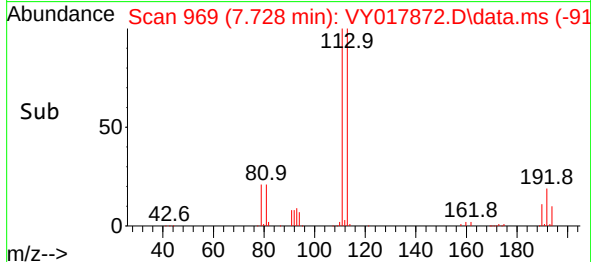
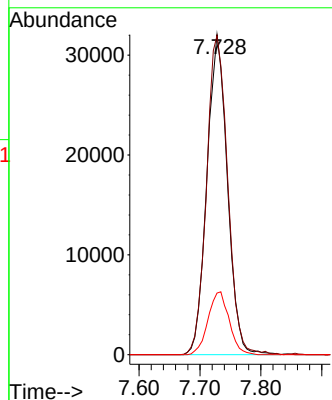
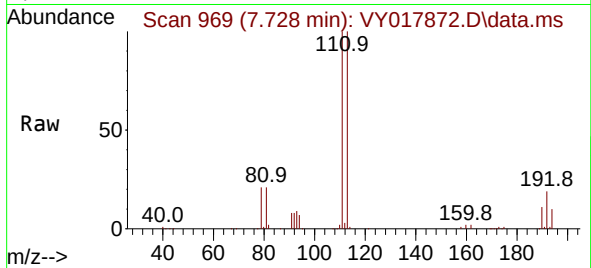




#35
Dibromofluoromethane
Concen: 52.491 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.012 min
Lab File: VY017872.D
Acq: 05 Apr 2024 15:41

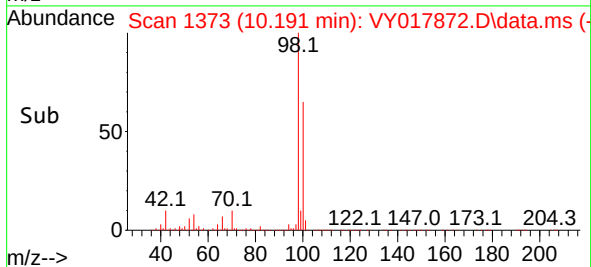
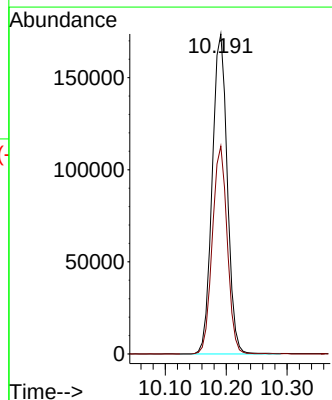
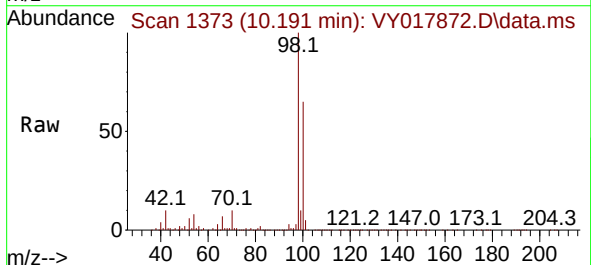
Instrument :
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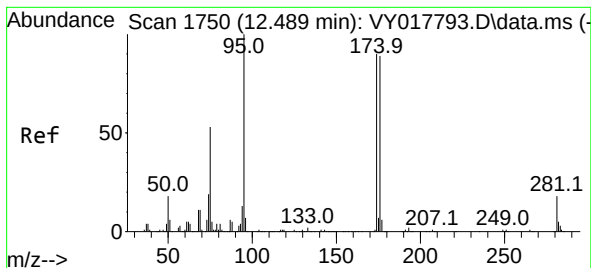
Tgt Ion:113 Resp: 74963
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.4
192 20.2 15.9 23.9



#50
Toluene-d8
Concen: 55.925 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY017872.D
Acq: 05 Apr 2024 15:41

Tgt Ion: 98 Resp: 298336
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0

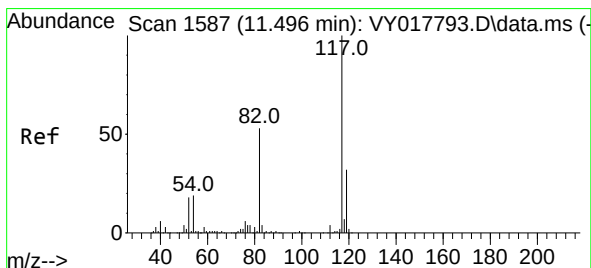
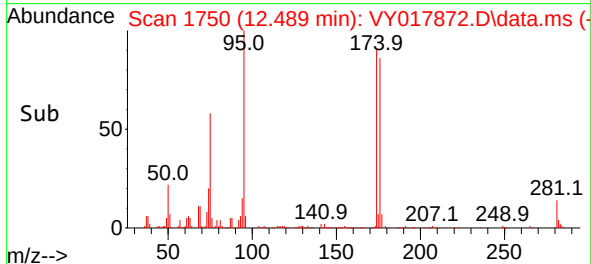
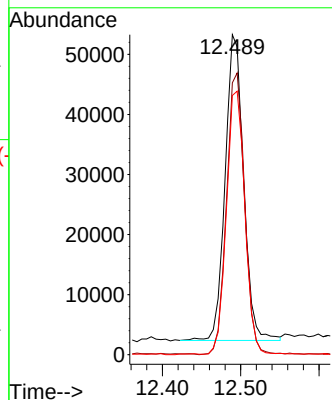
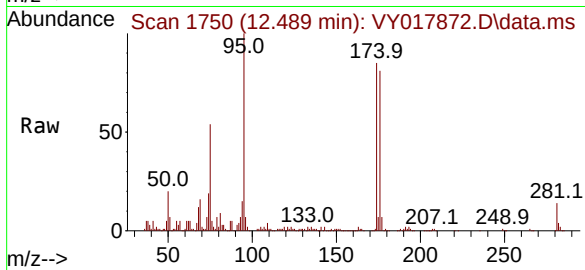




#62
4-Bromofluorobenzene
Concen: 51.185 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017872.D
Acq: 05 Apr 2024 15:41

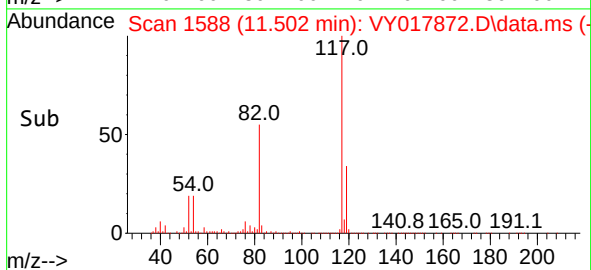
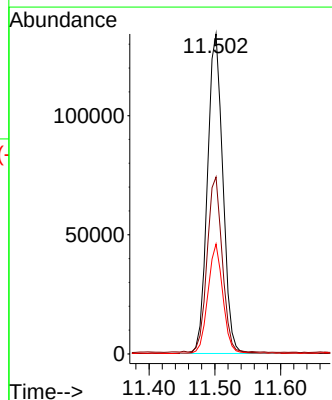
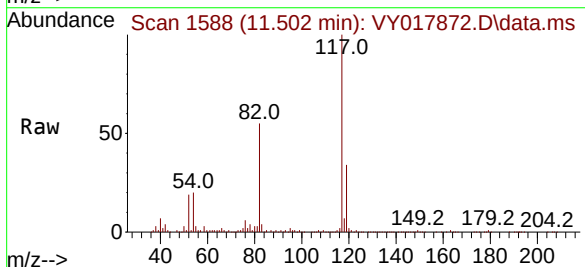
Instrument :
MSVOA_Y
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280648

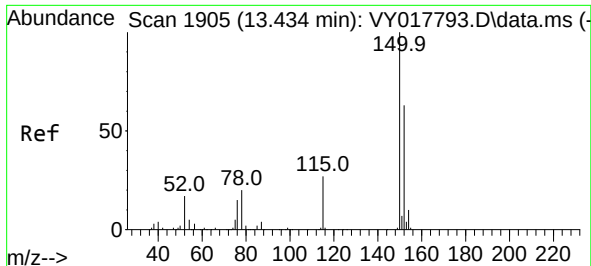
Tgt Ion: 95 Resp: 83075
Ion Ratio Lower Upper
95 100
174 91.5 0.0 175.6
176 86.2 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VY017872.D
Acq: 05 Apr 2024 15:41

Tgt Ion: 117 Resp: 218262
Ion Ratio Lower Upper
117 100
82 54.8 42.4 63.6
119 34.1 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017872.D

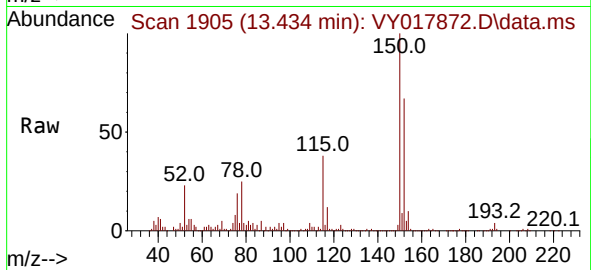
Acq: 05 Apr 2024 15:41

Instrument :

MSVOA_Y

ClientSampleId :

280648



Tgt Ion:152 Resp: 84793

Ion Ratio Lower Upper

152 100

115 54.2 28.2 84.7

150 152.0 0.0 345.6

