

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042324\
 Data File : VY018025.D
 Acq On : 23 Apr 2024 16:06
 Operator : SY/MD
 Sample : P2240-01
 Misc : 5.65g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AU-05-042324

Quant Time: Apr 24 01:15:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

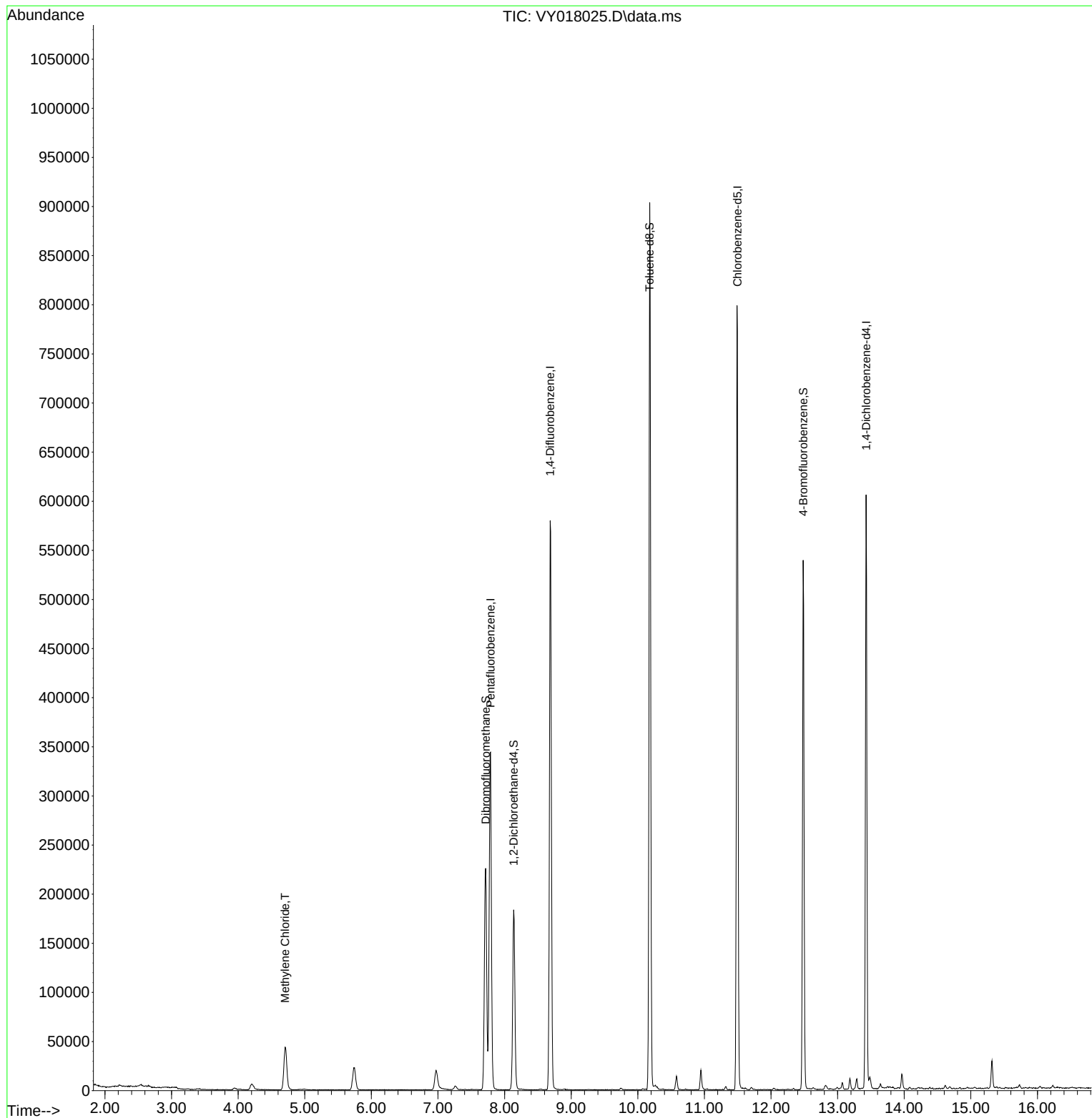
Internal Standards						
1) Pentafluorobenzene	7.789	168	285747	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	521594	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	460198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	160764	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	137578	55.637	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.280%
35) Dibromofluoromethane	7.715	113	166520	51.748	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.500%
50) Toluene-d8	10.178	98	603126	49.394	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.780%
62) 4-Bromofluorobenzene	12.483	95	155201	41.041	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.080%
Target Compounds						Qvalue
20) Methylene Chloride	4.704	84	35750	10.800	ug/l	98

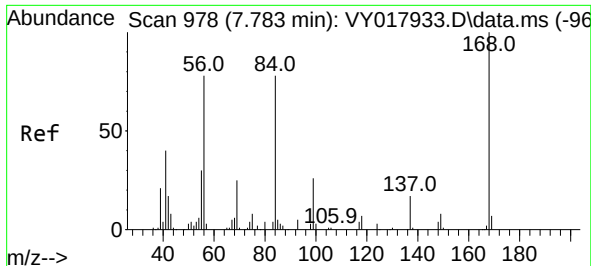
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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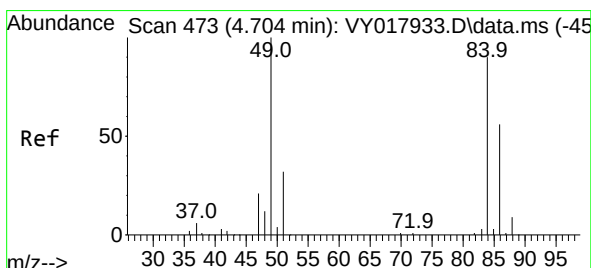
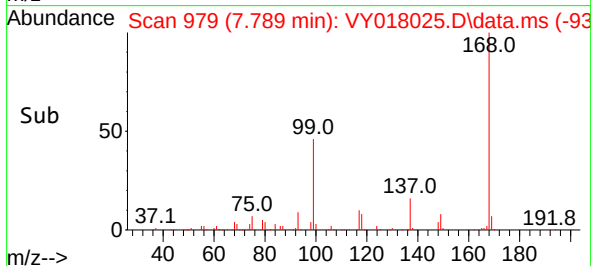
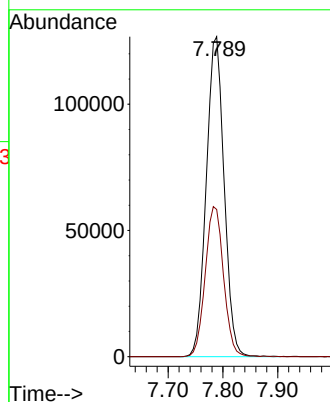
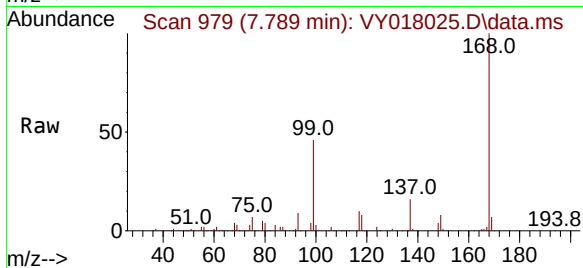




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018025.D
Acq: 23 Apr 2024 16:06

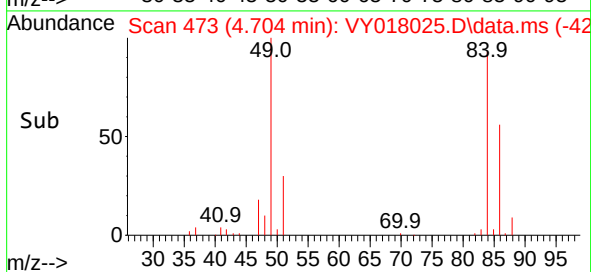
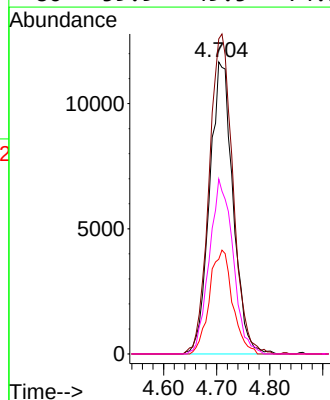
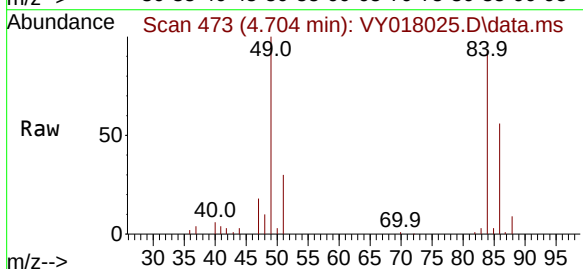
Instrument :
MSVOA_Y
ClientSampleId :
AU-05-042324

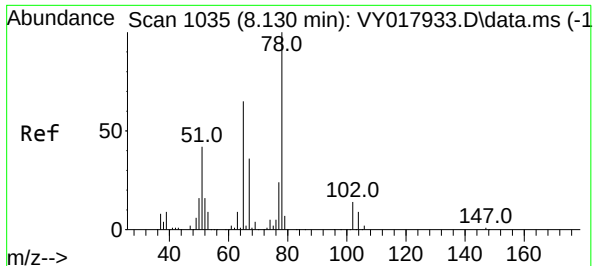
Tgt Ion:168 Resp: 285747
Ion Ratio Lower Upper
168 100
99 46.0 39.1 58.7



#20
Methylene Chloride
Concen: 10.800 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY018025.D
Acq: 23 Apr 2024 16:06

Tgt Ion: 84 Resp: 35750
Ion Ratio Lower Upper
84 100
49 107.9 84.4 126.6
51 32.5 26.0 39.0
86 59.9 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 55.637 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY018025.D

Acq: 23 Apr 2024 16:06

Instrument :

MSVOA_Y

ClientSampleId :

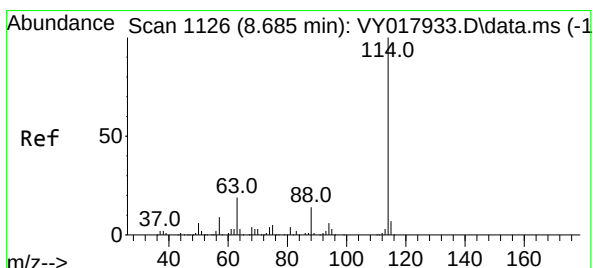
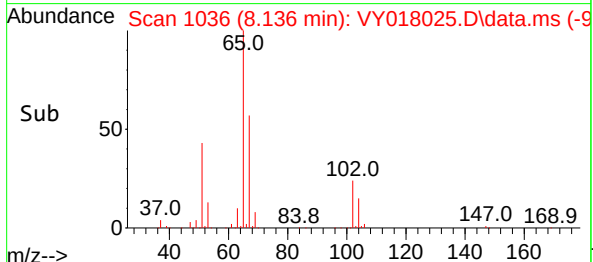
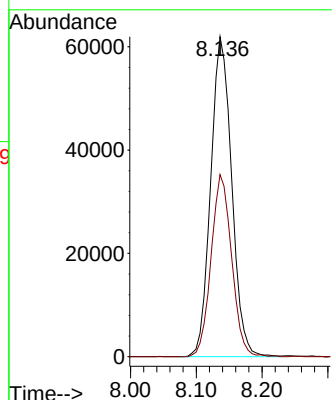
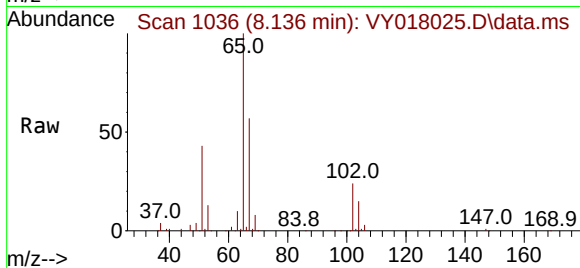
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Tgt Ion: 65 Resp: 137578

Ion Ratio Lower Upper

65 100

67 55.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY018025.D

Acq: 23 Apr 2024 16:06

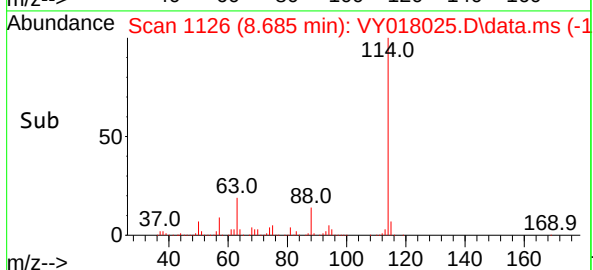
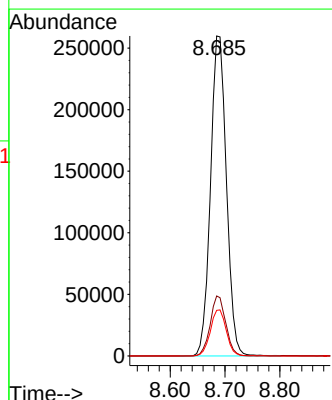
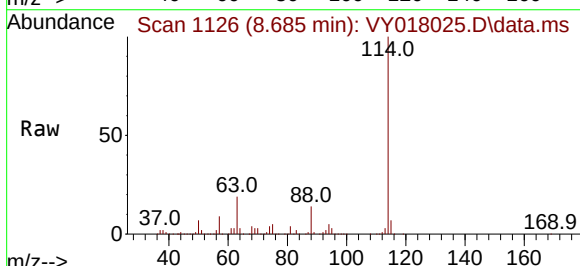
Tgt Ion: 114 Resp: 521594

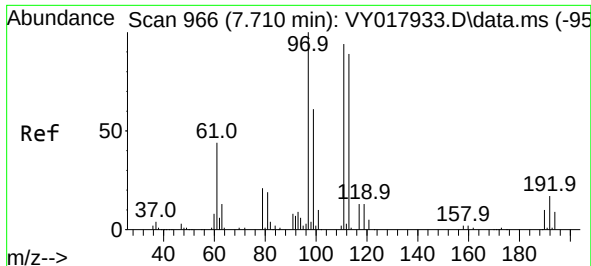
Ion Ratio Lower Upper

114 100

63 18.8 0.0 35.0

88 14.2 0.0 27.2





#35

Dibromofluoromethane

Concen: 51.748 ug/l

RT: 7.715 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY018025.D

Acq: 23 Apr 2024 16:06

Instrument :

MSVOA_Y

ClientSampleId :

AU-05-042324

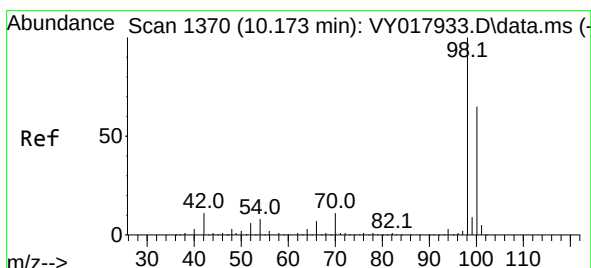
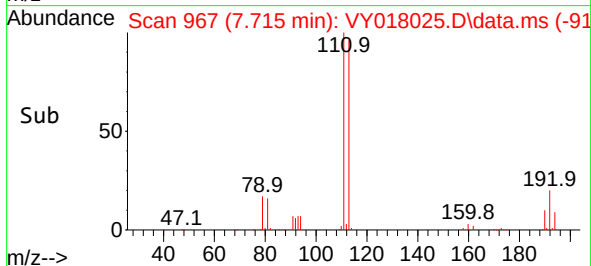
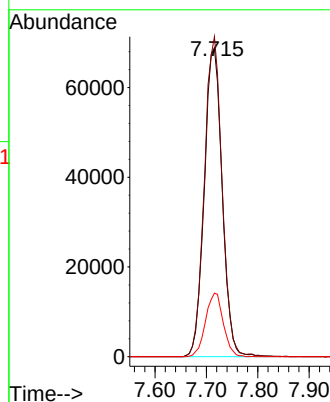
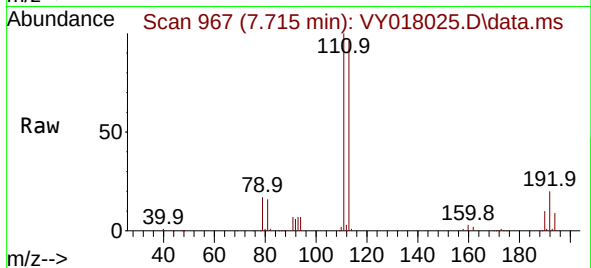
Tgt Ion:113 Resp: 166520

Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.4

192 20.4 15.9 23.9



#50

Toluene-d8

Concen: 49.394 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY018025.D

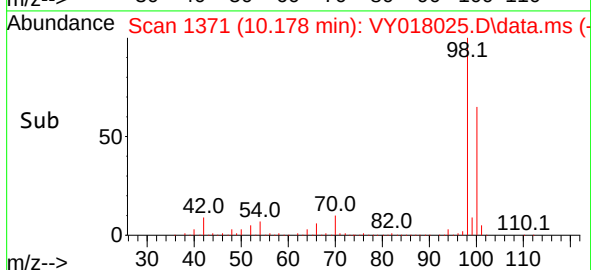
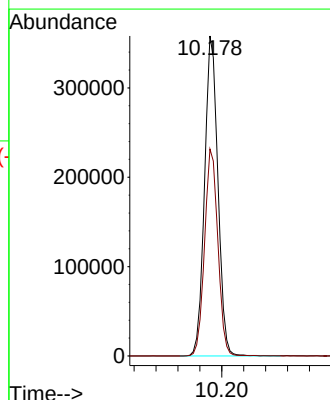
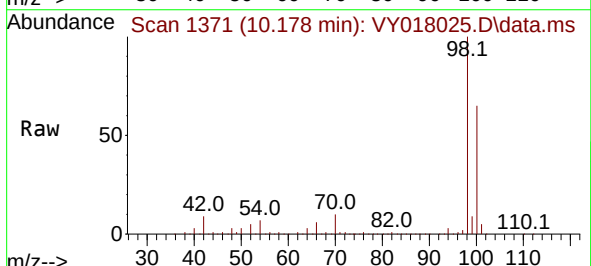
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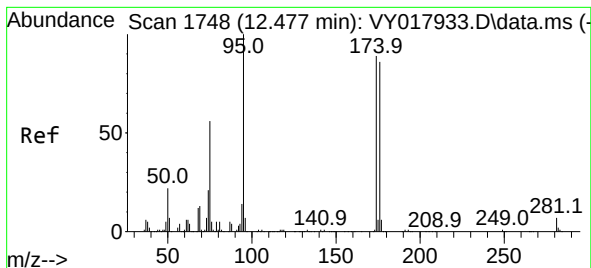
Tgt Ion: 98 Resp: 603126

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0

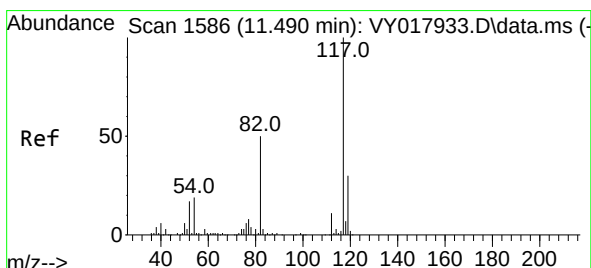
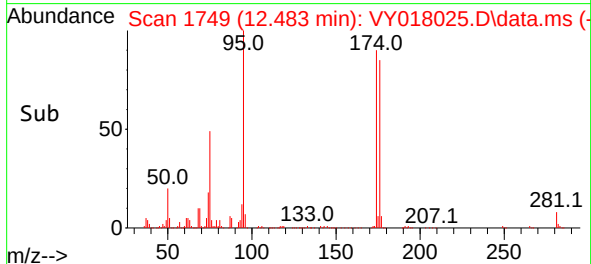
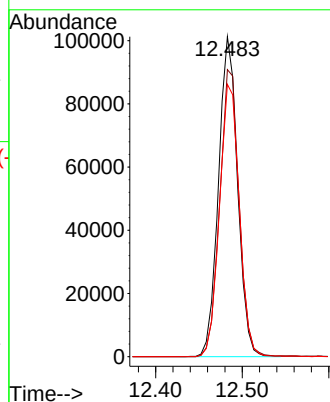
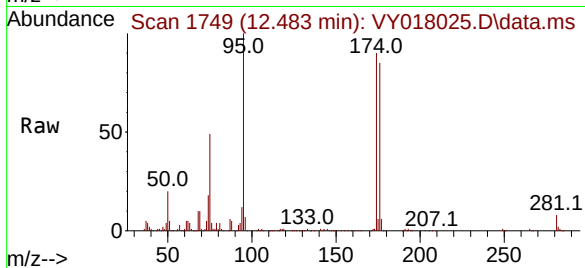




#62
4-Bromofluorobenzene
Concen: 41.041 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018025.D
Acq: 23 Apr 2024 16:06

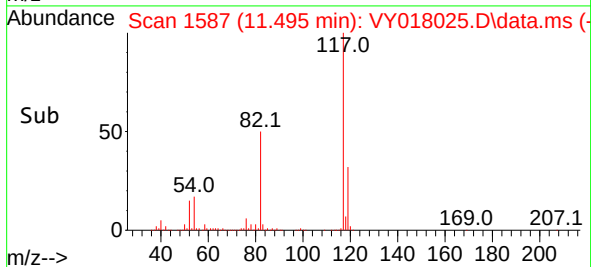
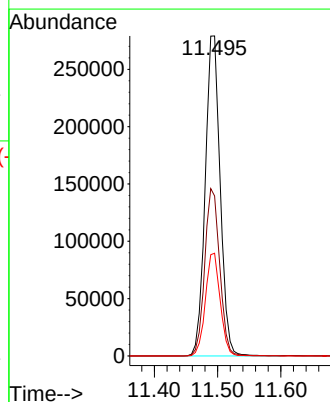
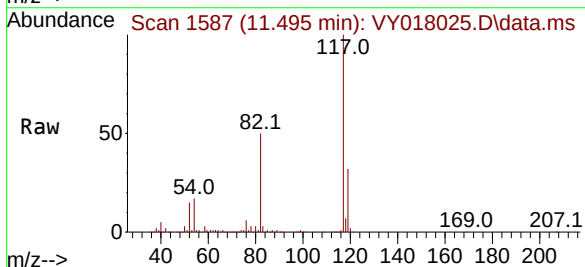
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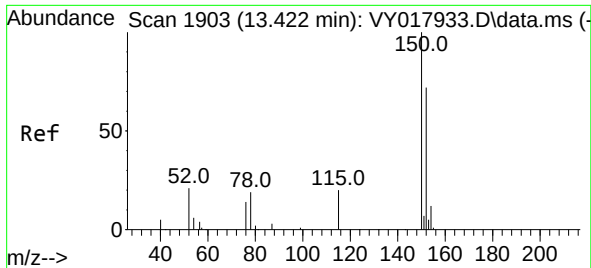
Tgt Ion: 95 Resp: 155201
Ion Ratio Lower Upper
95 100
174 91.4 0.0 175.6
176 88.2 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY018025.D
Acq: 23 Apr 2024 16:06

Tgt Ion: 117 Resp: 460198
Ion Ratio Lower Upper
117 100
82 50.0 42.4 63.6
119 32.1 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY018025.D

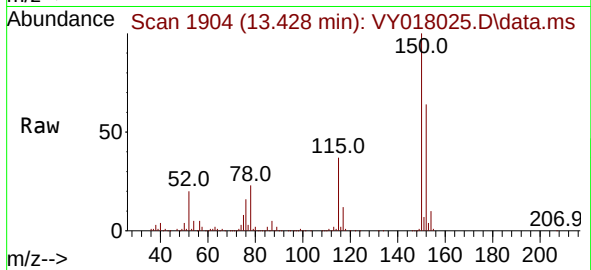
Acq: 23 Apr 2024 16:06

Instrument :

MSVOA_Y

ClientSampleId :

AU-05-042324



Tgt Ion:152 Resp: 160764

Ion Ratio Lower Upper

152 100

115 55.7 28.2 84.7

150 158.2 0.0 345.6

