

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050924\
 Data File : VY018212.D
 Acq On : 09 May 2024 16:06
 Operator : SY/MD
 Sample : P2430-01
 Misc : 3.94g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1011UMR-SS001-1224-01

Quant Time: May 10 01:19:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

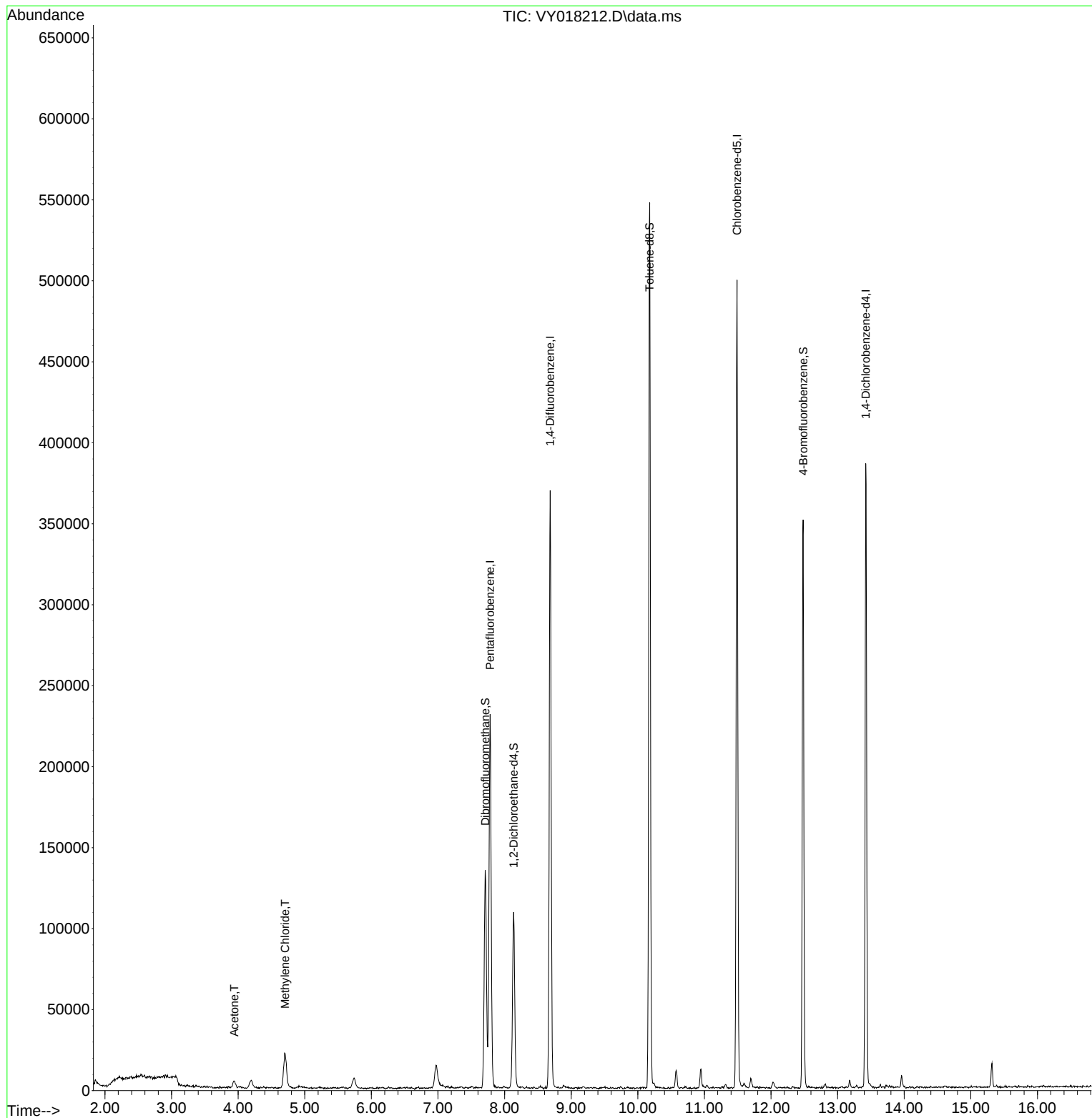
Internal Standards						
1) Pentafluorobenzene	7.783	168	180253	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	334295	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	284953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	102843	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	78526	59.217	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.440%
35) Dibromofluoromethane	7.710	113	97190	55.320	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.640%
50) Toluene-d8	10.179	98	378172	54.624	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.240%
62) 4-Bromofluorobenzene	12.483	95	110357	49.359	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.720%
Target Compounds						
16) Acetone	3.942	43	6894	26.052	ug/l	95
20) Methylene Chloride	4.704	84	17109	9.147	ug/l	97

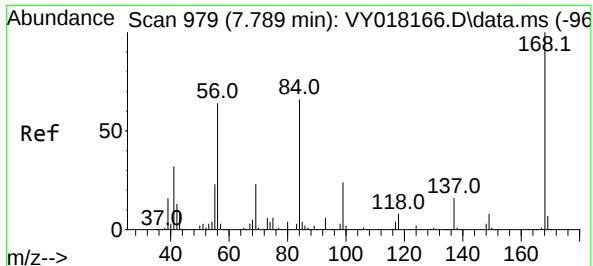
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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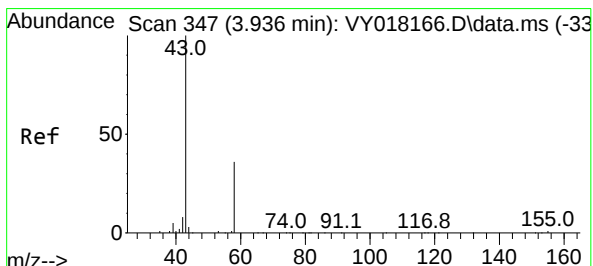
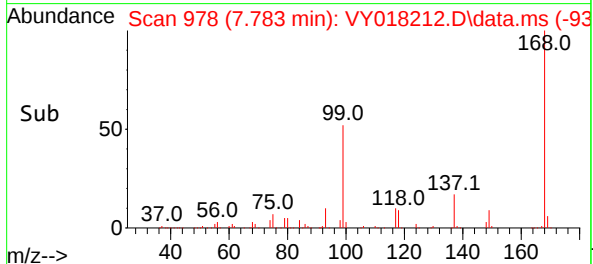
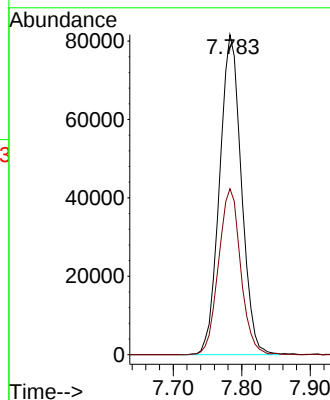
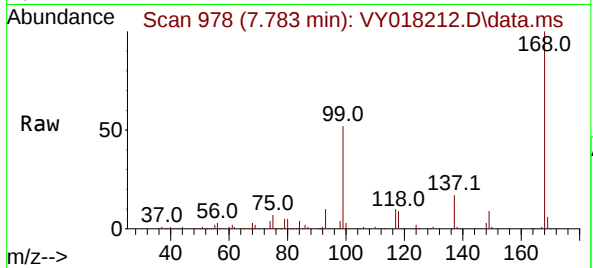




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018212.D
Acq: 09 May 2024 16:06

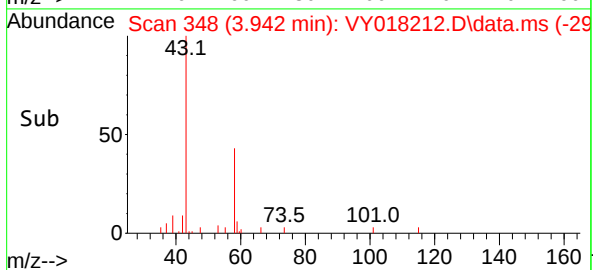
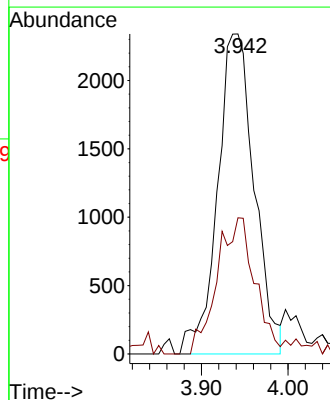
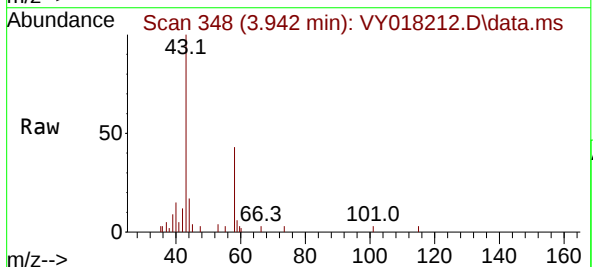
Instrument :
MSVOA_Y
ClientSampleId :
1011UMR-SS001-1224-01

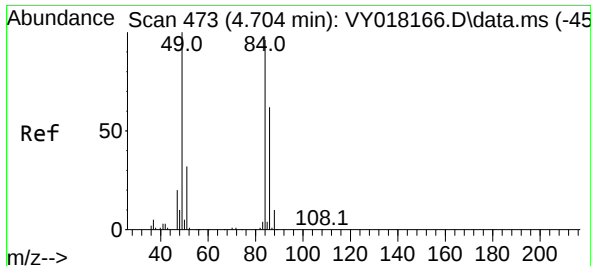
Tgt Ion:168 Resp: 180253
Ion Ratio Lower Upper
168 100
99 51.9 39.1 58.7



#16
Acetone
Concen: 26.052 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY018212.D
Acq: 09 May 2024 16:06

Tgt Ion: 43 Resp: 6894
Ion Ratio Lower Upper
43 100
58 42.6 31.7 47.5

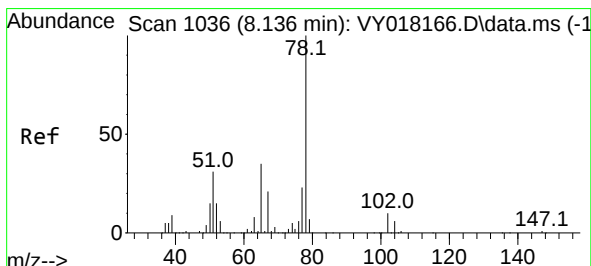
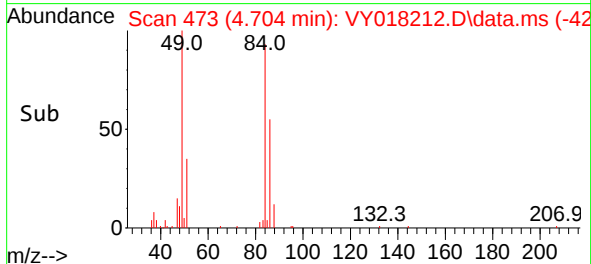
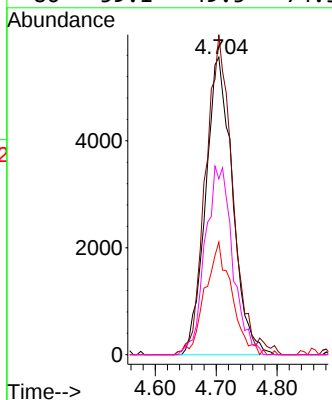
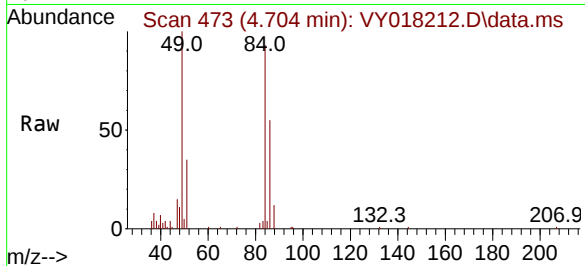




#20
Methylene Chloride
Concen: 9.147 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018212.D
Acq: 09 May 2024 16:06

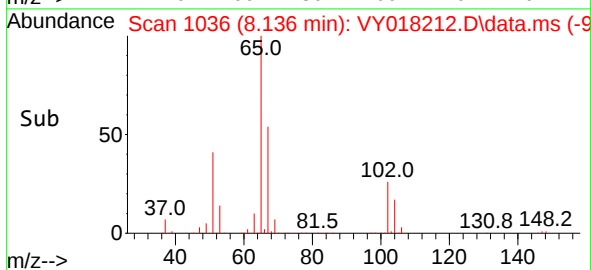
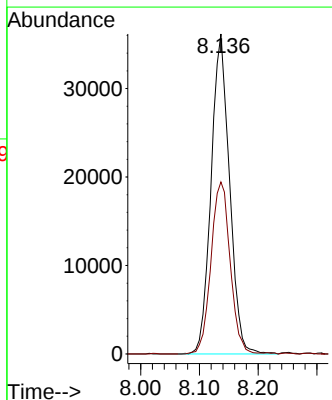
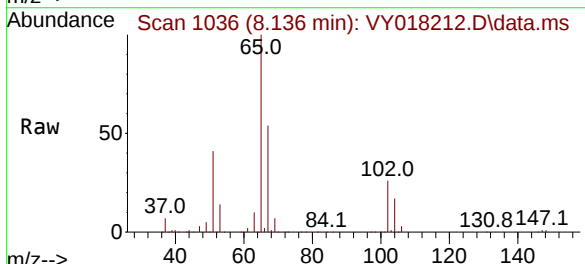
Instrument :
MSVOA_Y
ClientSampleId :
1011UMR-SS001-1224-01

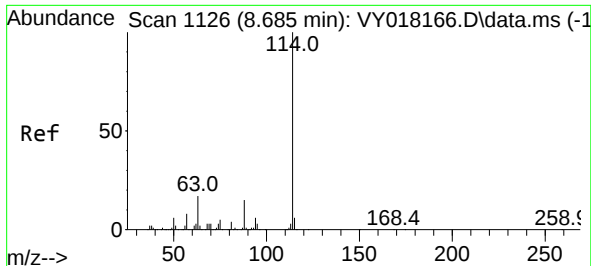
Tgt Ion:	84	Resp:	17109
Ion	Ratio	Lower	Upper
84	100		
49	106.6	84.4	126.6
51	37.9	26.0	39.0
86	59.1	49.5	74.3



#33
1,2-Dichloroethane-d4
Concen: 59.217 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018212.D
Acq: 09 May 2024 16:06

Tgt Ion:	65	Resp:	78526
Ion	Ratio	Lower	Upper
65	100		
67	56.1	0.0	109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY018212.D

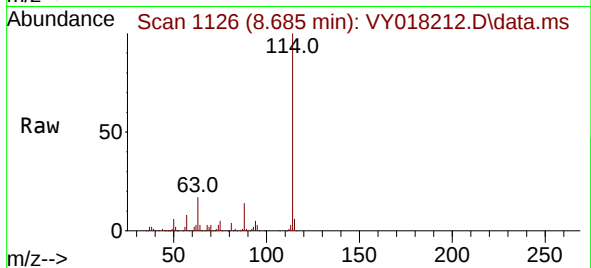
Acq: 09 May 2024 16:06

Instrument :

MSVOA_Y

ClientSampleId :

1011UMR-SS001-1224-01



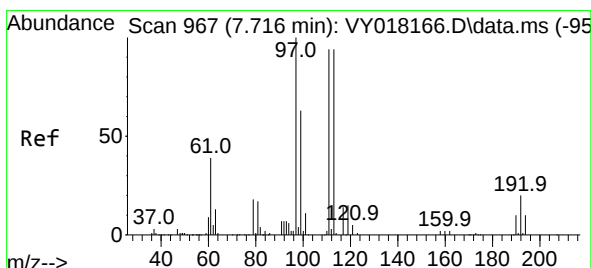
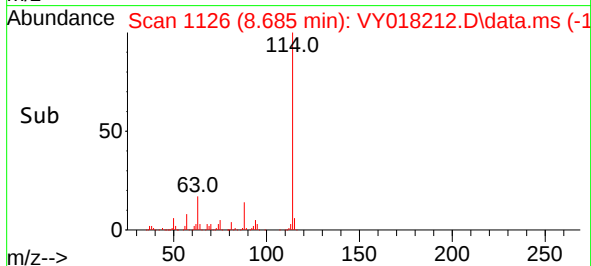
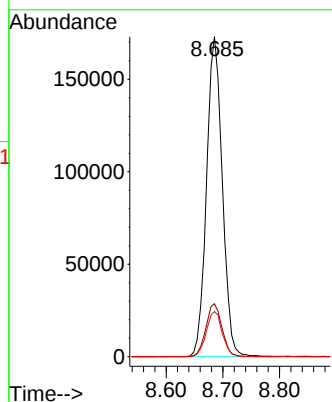
Tgt Ion:114 Resp: 334295

Ion Ratio Lower Upper

114 100

63 16.6 0.0 35.0

88 14.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 55.320 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY018212.D

Acq: 09 May 2024 16:06

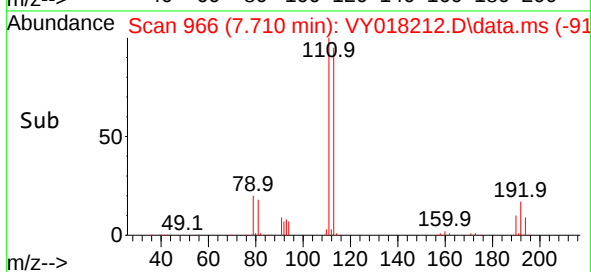
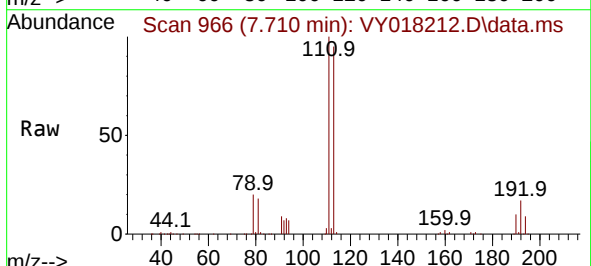
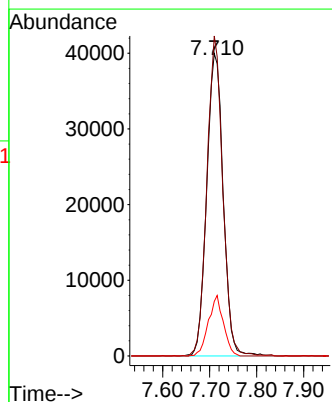
Tgt Ion:113 Resp: 97190

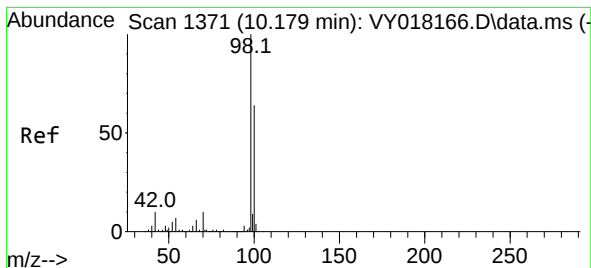
Ion Ratio Lower Upper

113 100

111 101.3 82.2 123.4

192 18.2 15.9 23.9





#50

Toluene-d8

Concen: 54.624 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY018212.D

Acq: 09 May 2024 16:06

Instrument :

MSVOA_Y

ClientSampleId :

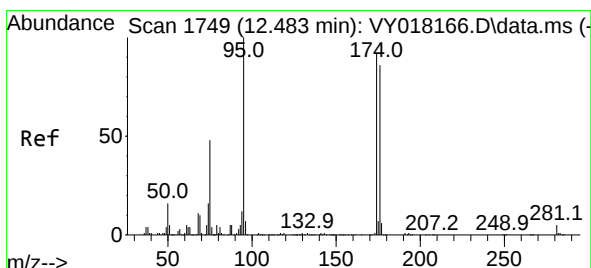
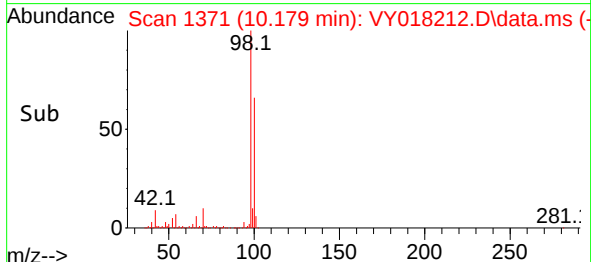
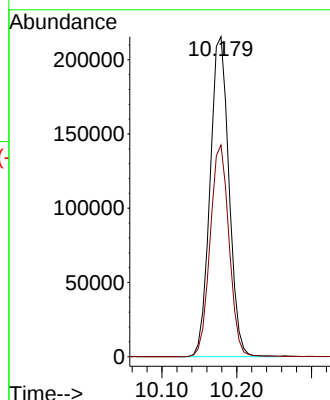
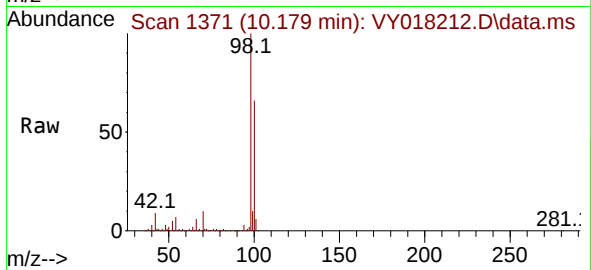
1011UMR-SS001-1224-01

Tgt Ion: 98 Resp: 378172

Ion Ratio Lower Upper

98 100

100 66.3 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 49.359 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY018212.D

Acq: 09 May 2024 16:06

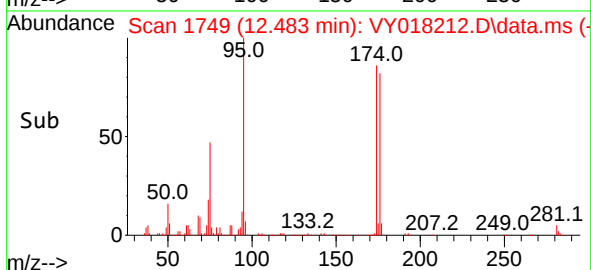
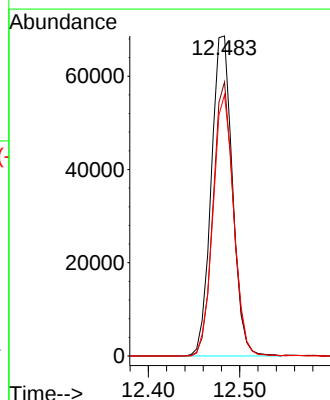
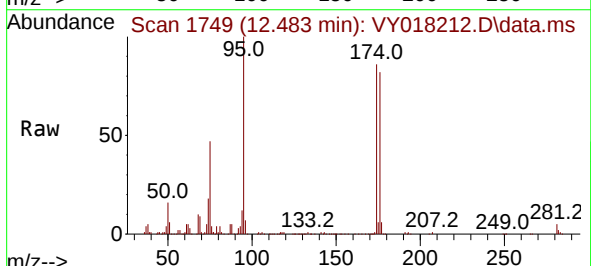
Tgt Ion: 95 Resp: 110357

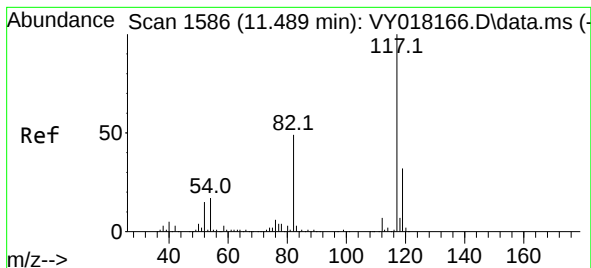
Ion Ratio Lower Upper

95 100

174 82.0 0.0 175.6

176 80.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018212.D

Acq: 09 May 2024 16:06

Instrument :

MSVOA_Y

ClientSampleId :

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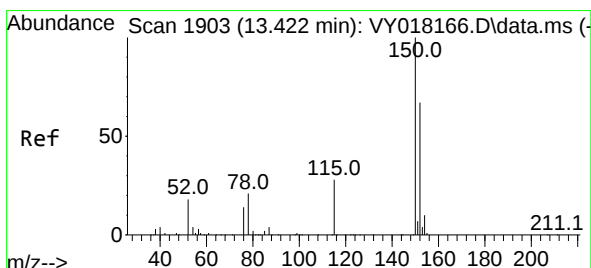
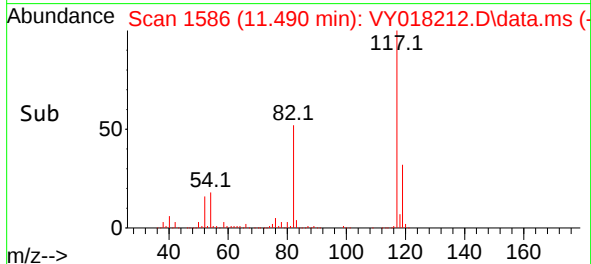
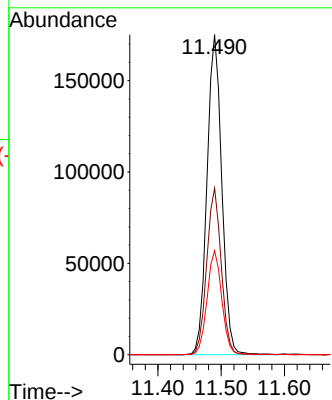
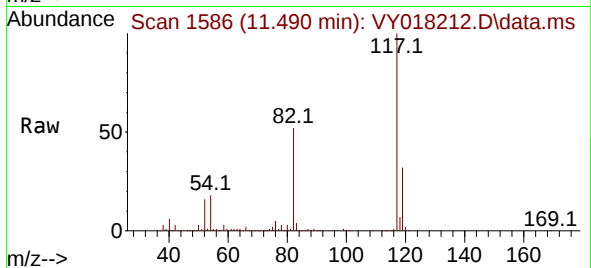
Tgt Ion:117 Resp: 284953

Ion Ratio Lower Upper

117 100

82 52.1 42.4 63.6

119 32.5 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY018212.D

Acq: 09 May 2024 16:06

Tgt Ion:152 Resp: 102843

Ion Ratio Lower Upper

152 100

115 56.8 28.2 84.7

150 156.3 0.0 345.6

