

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050924\
 Data File : VY018219.D
 Acq On : 09 May 2024 18:54
 Operator : SY/MD
 Sample : P2432-07
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P-01-011

Quant Time: May 10 01:22:14 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)

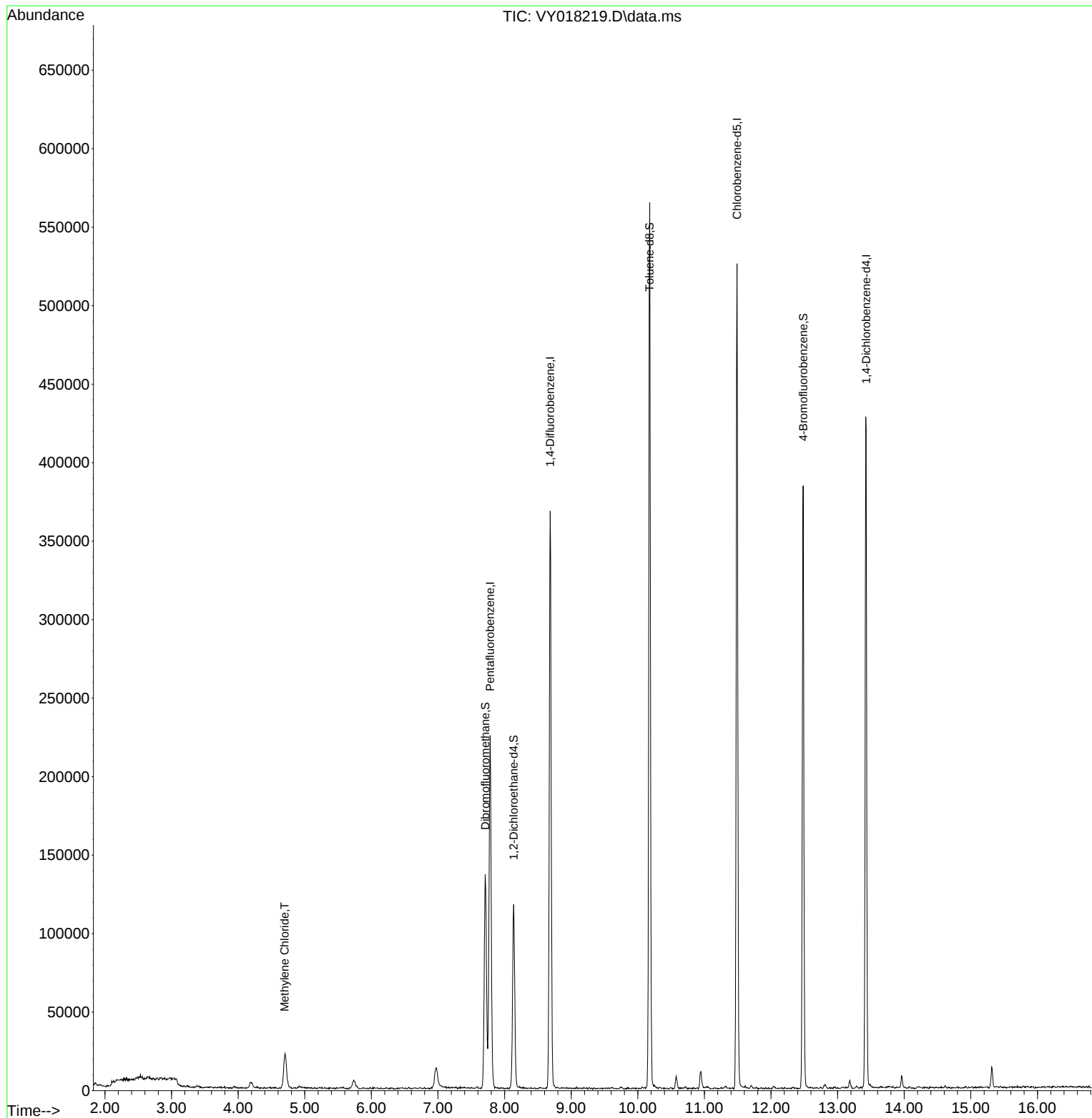
Internal Standards						
1) Pentafluorobenzene	7.783	168	176020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	336486	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	298312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	113545	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	83857	64.758	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.520%
35) Dibromofluoromethane	7.710	113	97588	55.185	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.360%
50) Toluene-d8	10.179	98	377910	54.231	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.460%
62) 4-Bromofluorobenzene	12.483	95	117413	52.173	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.340%
Target Compounds						
20) Methylene Chloride	4.698	84	17236	9.437	ug/l	92

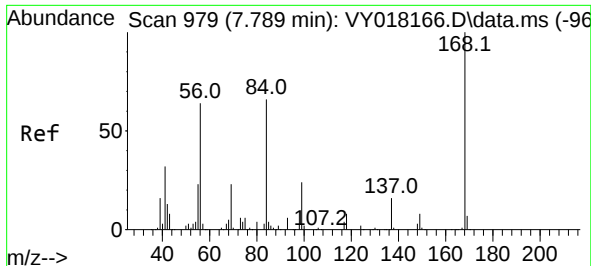
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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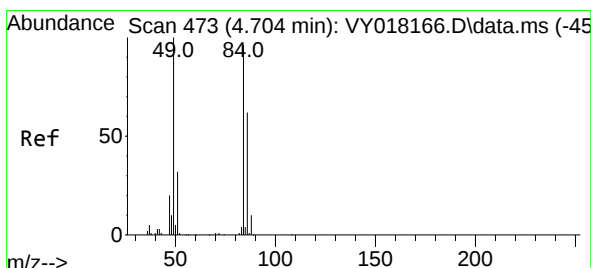
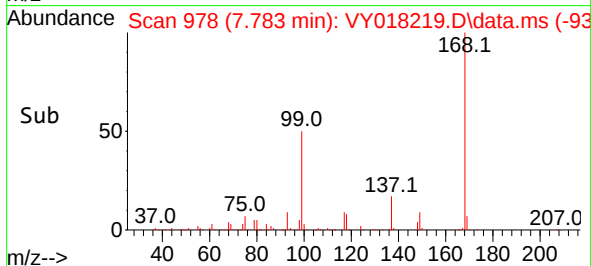
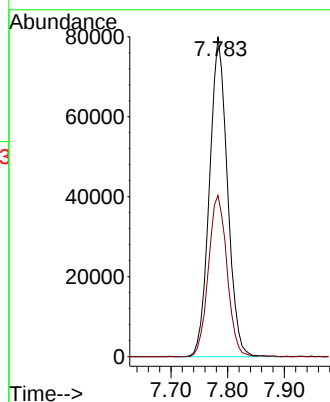
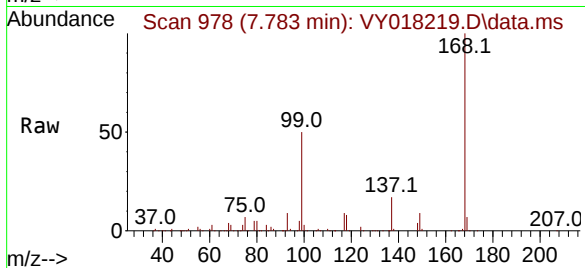




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018219.D
Acq: 09 May 2024 18:54

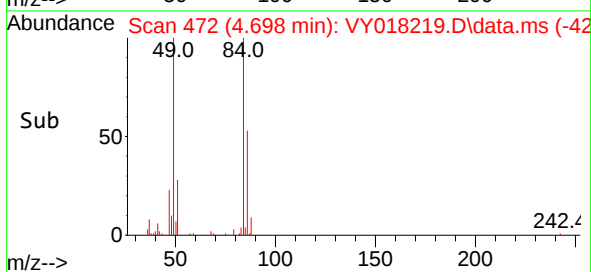
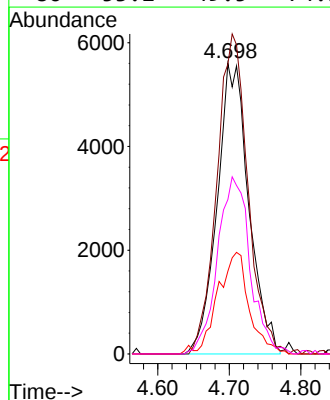
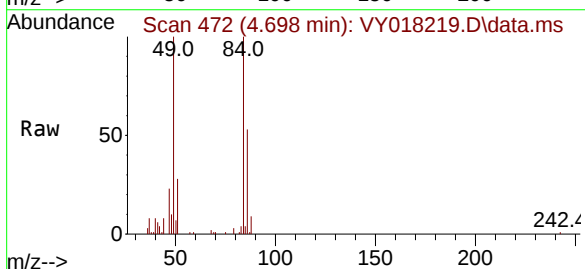
Instrument :
MSVOA_Y
ClientSampleId :
P-01-011

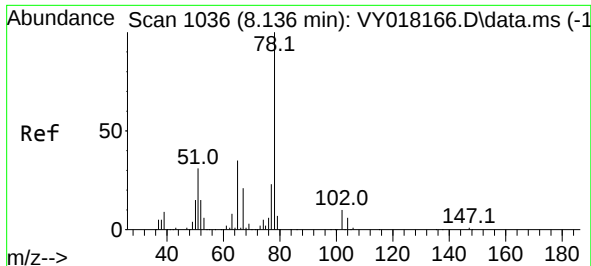
Tgt Ion:168 Resp: 176020
Ion Ratio Lower Upper
168 100
99 50.4 39.1 58.7



#20
Methylene Chloride
Concen: 9.437 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY018219.D
Acq: 09 May 2024 18:54

Tgt Ion: 84 Resp: 17236
Ion Ratio Lower Upper
84 100
49 99.7 84.4 126.6
51 28.5 26.0 39.0
86 53.2 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 64.758 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY018219.D

Acq: 09 May 2024 18:54

Instrument :

MSVOA_Y

ClientSampleId :

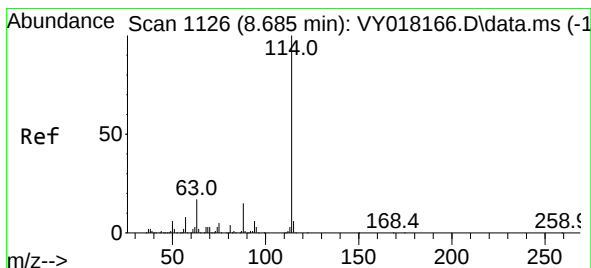
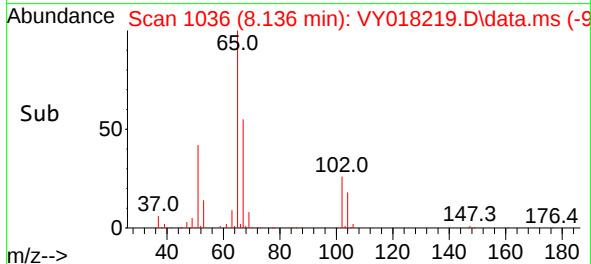
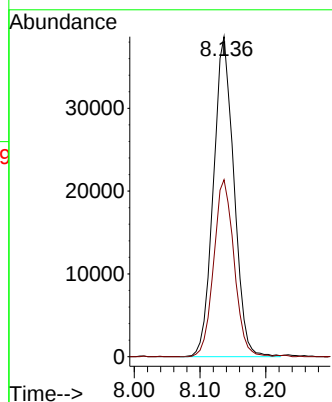
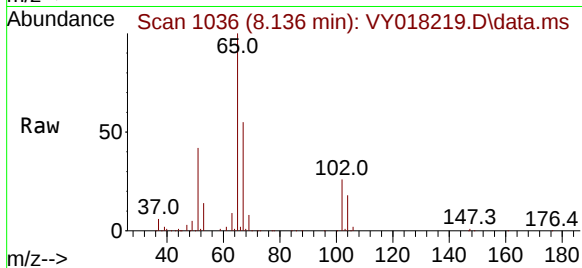
P-01-011

Tgt Ion: 65 Resp: 83857

Ion Ratio Lower Upper

65 100

67 55.0 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: VY018219.D

Acq: 09 May 2024 18:54

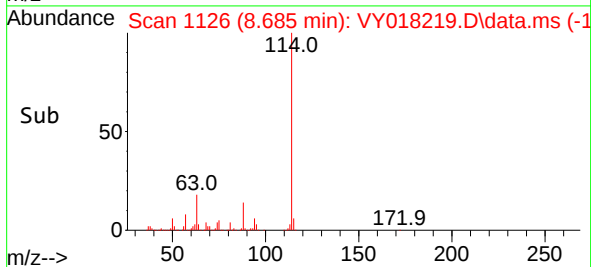
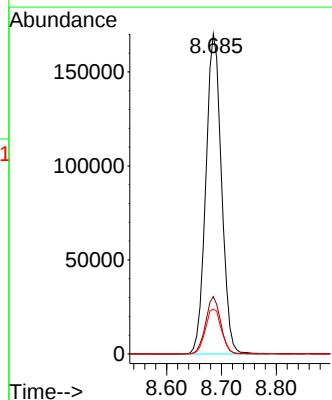
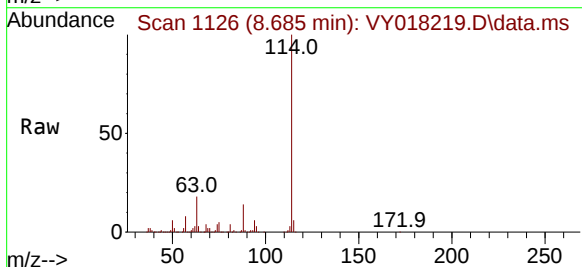
Tgt Ion: 114 Resp: 336486

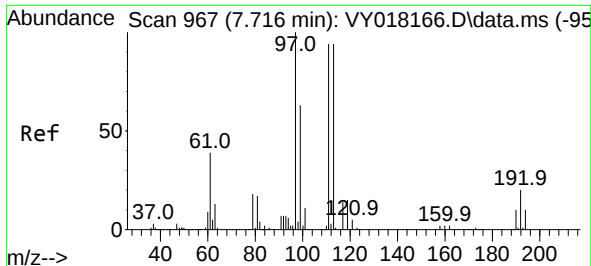
Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

88 14.0 0.0 27.2

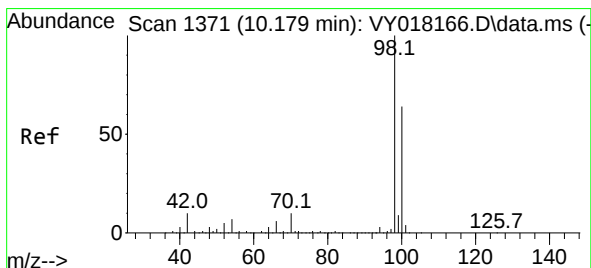
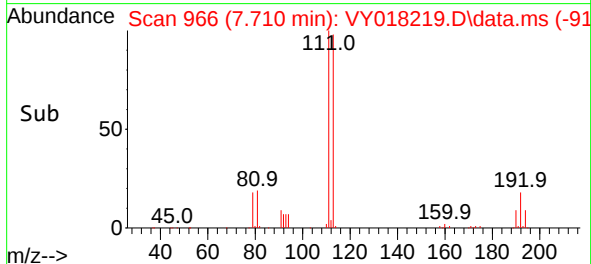
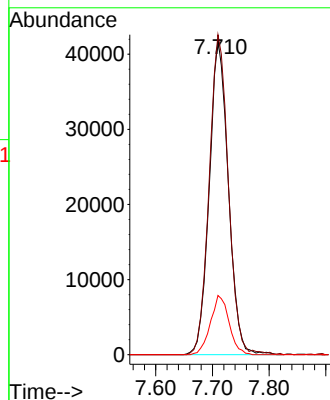
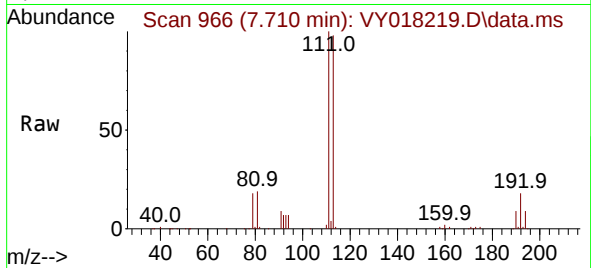




#35
Dibromofluoromethane
Concen: 55.185 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018219.D
Acq: 09 May 2024 18:54

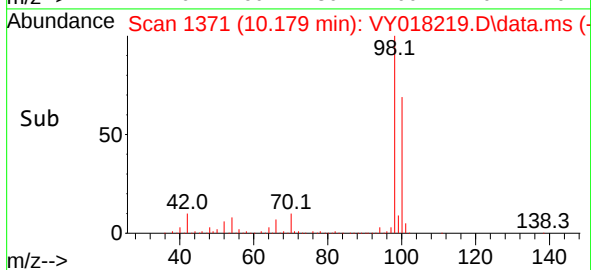
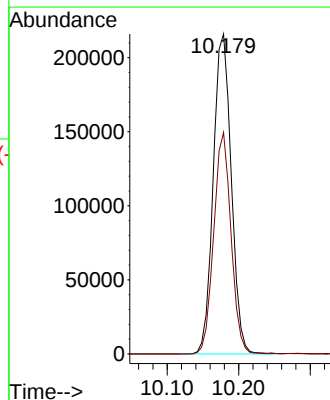
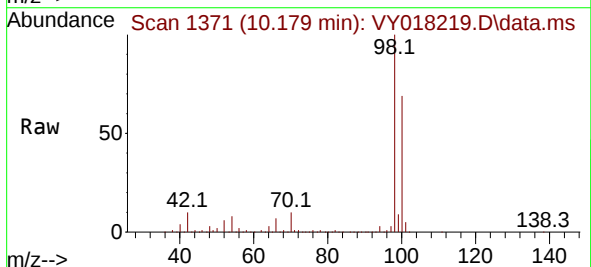
Instrument :
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P-01-011

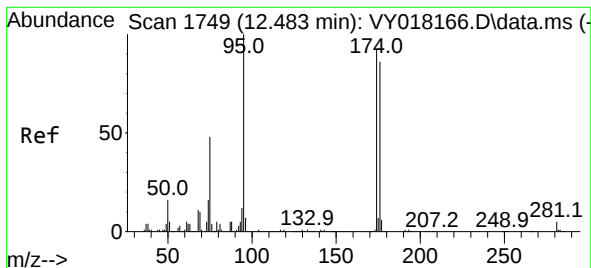
Tgt Ion:113 Resp: 97588
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 18.4 15.9 23.9



#50
Toluene-d8
Concen: 54.231 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY018219.D
Acq: 09 May 2024 18:54

Tgt Ion: 98 Resp: 377910
Ion Ratio Lower Upper
98 100
100 66.5 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 52.173 ug/l

RT: 12.483 min Scan# 117413

Delta R.T. -0.000 min

Lab File: VY018219.D

Acq: 09 May 2024 18:54

Instrument :

MSVOA_Y

ClientSampleId :

P-01-011

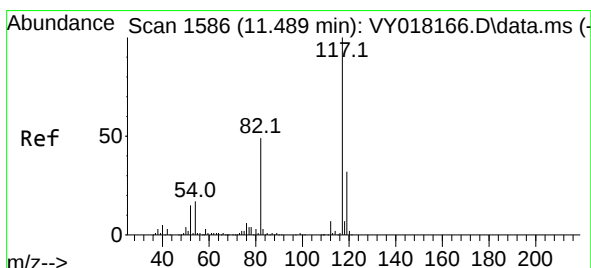
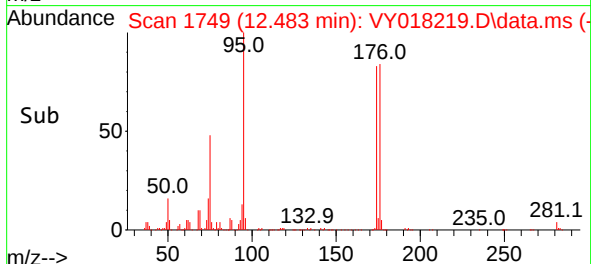
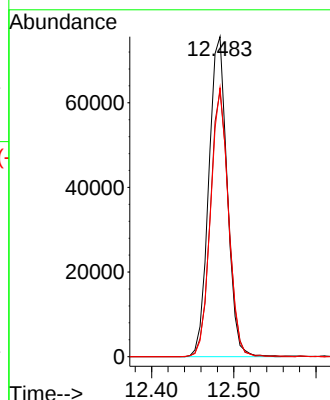
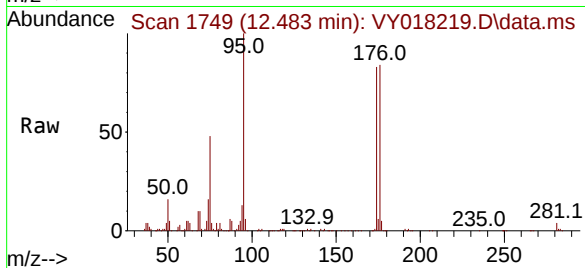
Tgt Ion: 95 Resp: 117413

Ion Ratio Lower Upper

95 100

174 82.4 0.0 175.6

176 81.7 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.000 min

Lab File: VY018219.D

Acq: 09 May 2024 18:54

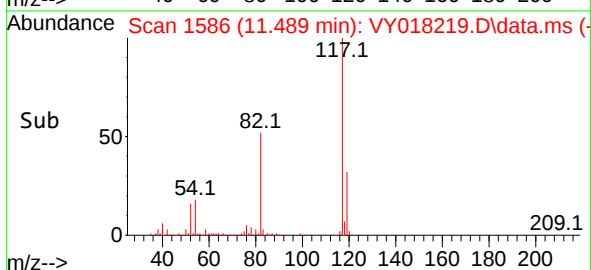
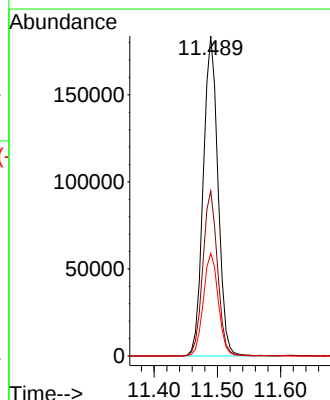
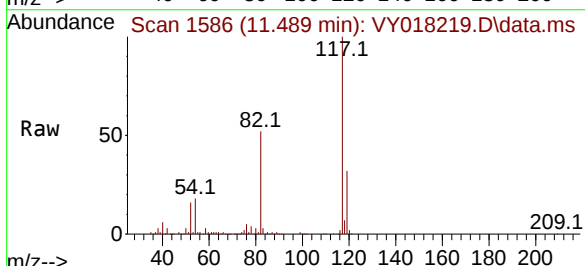
Tgt Ion: 117 Resp: 298312

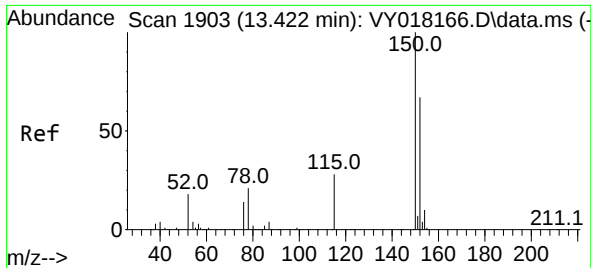
Ion Ratio Lower Upper

117 100

82 51.5 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. 0.006 min

Lab File: VY018219.D

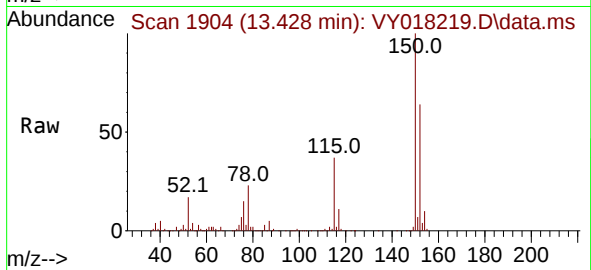
Acq: 09 May 2024 18:54

Instrument :

MSVOA_Y

ClientSampleId :

P-01-011



Tgt Ion:152 Resp: 113545

Ion Ratio Lower Upper

152 100

115 58.9 28.2 84.7

150 157.6 0.0 345.6

