

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050924\
 Data File : VY018218.D
 Acq On : 09 May 2024 18:30
 Operator : SY/MD
 Sample : P2432-06
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SW-04-011

Quant Time: May 10 01:21:51 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)

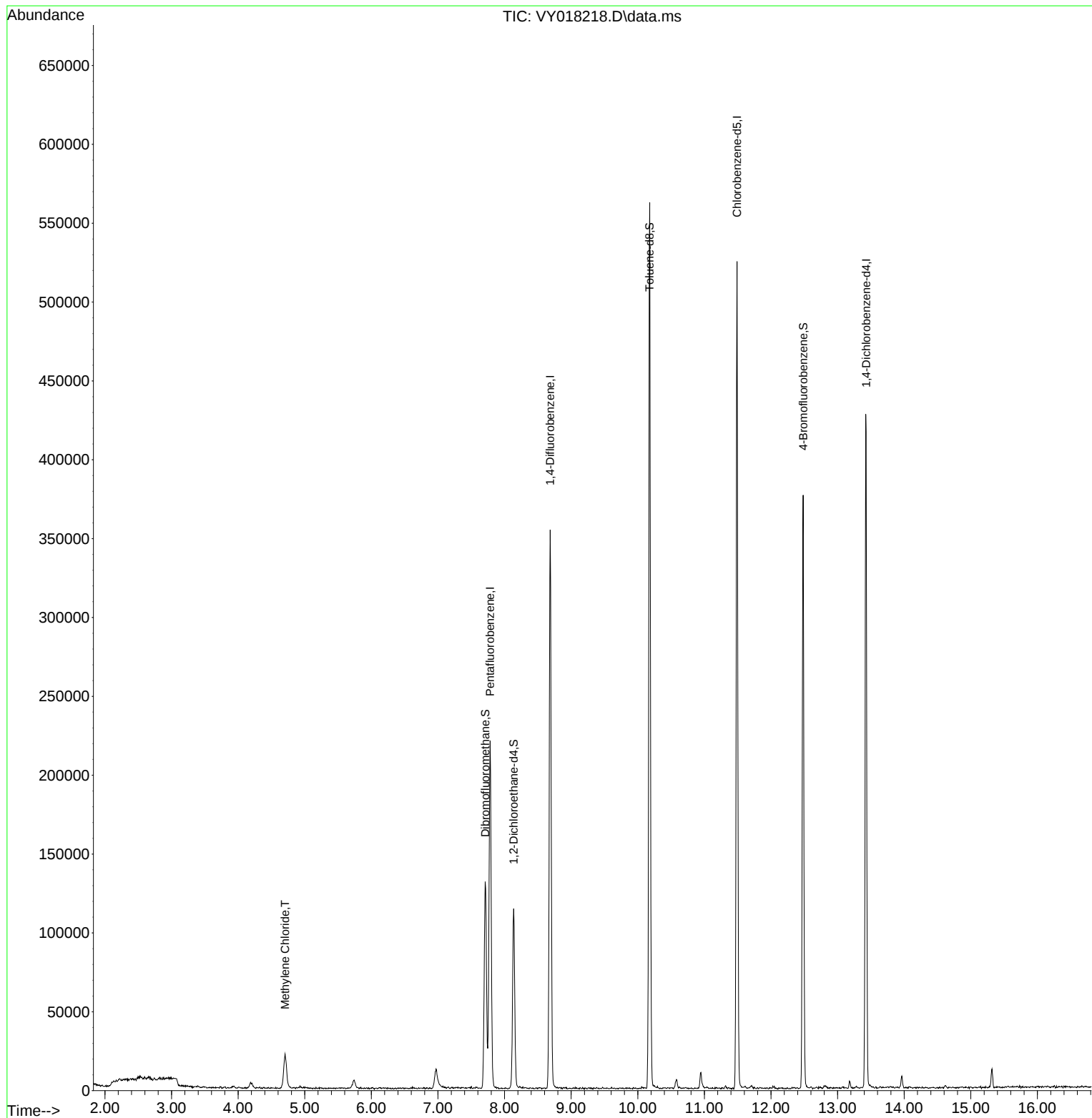
Internal Standards						
1) Pentafluorobenzene	7.783	168	171889	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	330202	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	293867	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	111045	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	82825	65.498	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	131.000%	
35) Dibromofluoromethane	7.710	113	94978	54.731	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	109.460%	
50) Toluene-d8	10.179	98	370353	54.158	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	108.320%	
62) 4-Bromofluorobenzene	12.483	95	113431	51.363	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	102.720%	
Target Compounds						Qvalue
20) Methylene Chloride	4.704	84	16496	9.248	ug/l	98

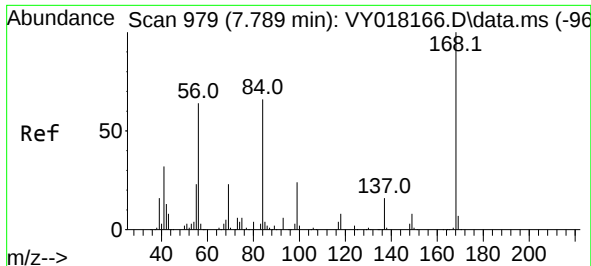
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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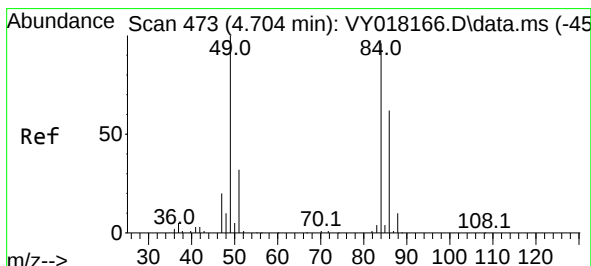
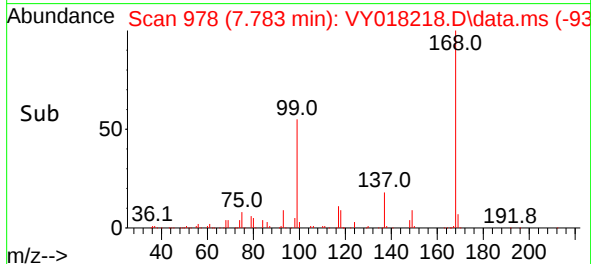
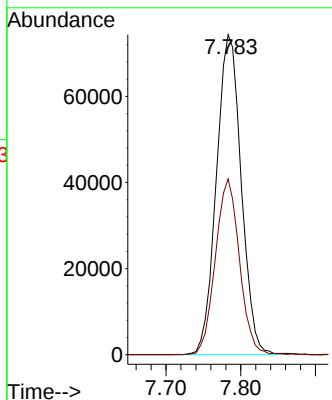
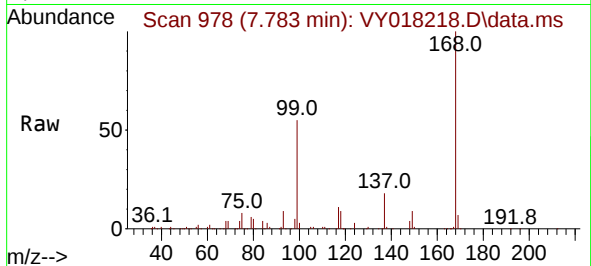




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018218.D
Acq: 09 May 2024 18:30

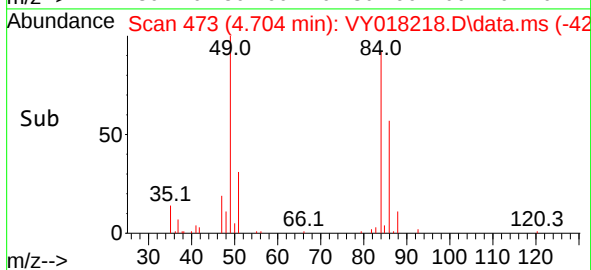
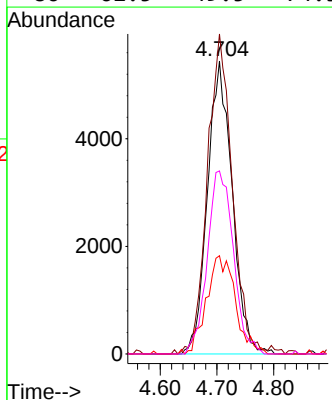
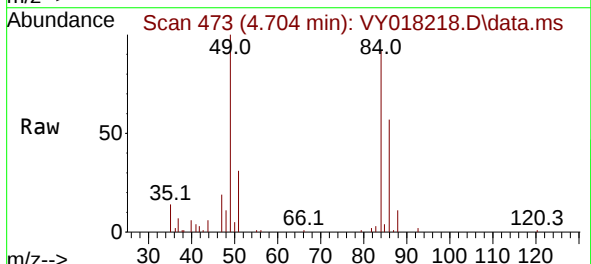
Instrument :
MSVOA_Y
ClientSampleId :
SW-04-011

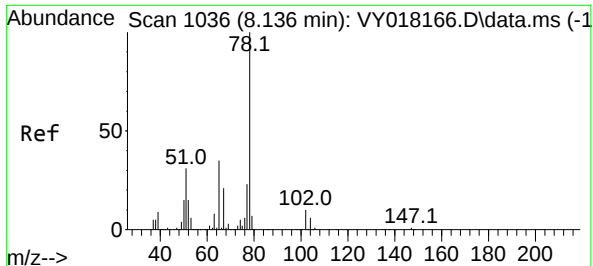
Tgt Ion:168 Resp: 171889
Ion Ratio Lower Upper
168 100
99 54.8 39.1 58.7



#20
Methylene Chloride
Concen: 9.248 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY018218.D
Acq: 09 May 2024 18:30

Tgt Ion: 84 Resp: 16496
Ion Ratio Lower Upper
84 100
49 109.2 84.4 126.6
51 33.5 26.0 39.0
86 62.5 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 65.498 ug/l

RT: 8.137 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY018218.D

Acq: 09 May 2024 18:30

Instrument :

MSVOA_Y

ClientSampleId :

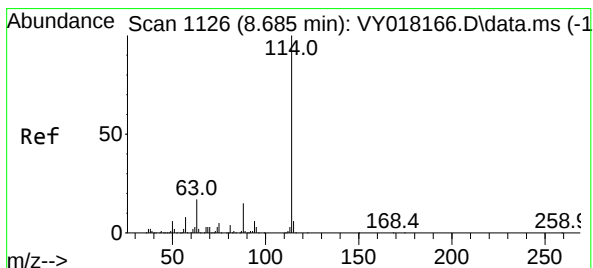
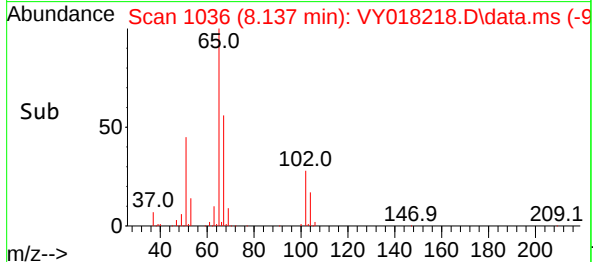
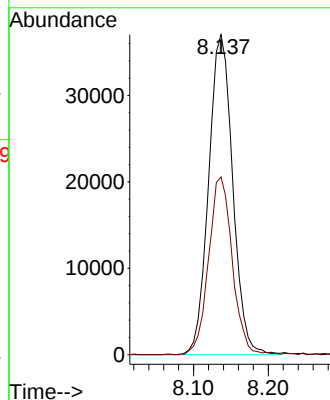
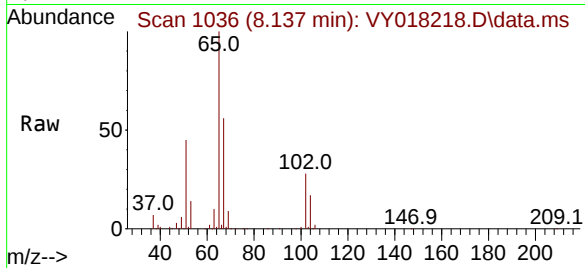
SW-04-011

Tgt Ion: 65 Resp: 82825

Ion Ratio Lower Upper

65 100

67 54.6 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: VY018218.D

Acq: 09 May 2024 18:30

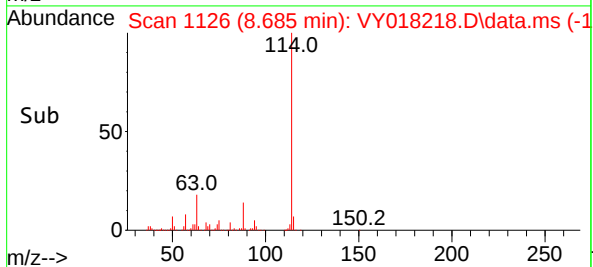
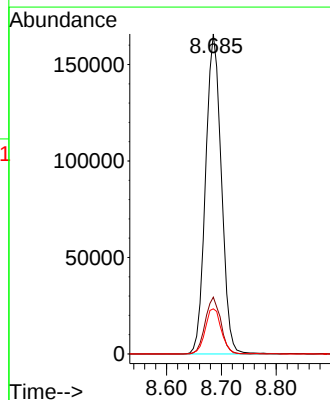
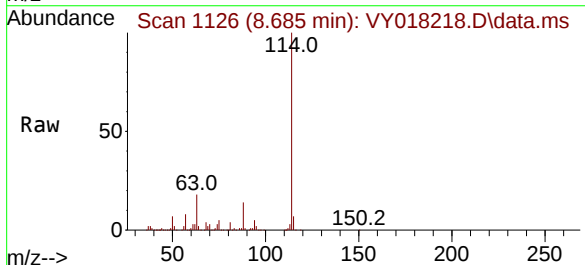
Tgt Ion: 114 Resp: 330202

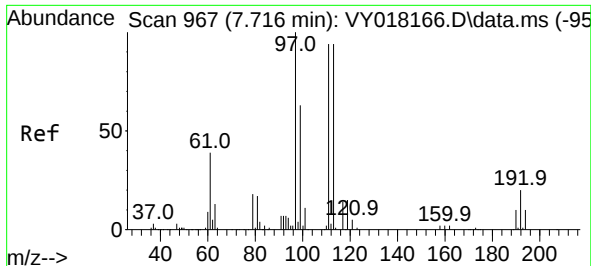
Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.0

88 14.1 0.0 27.2

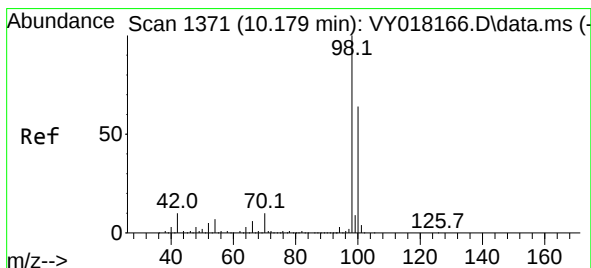
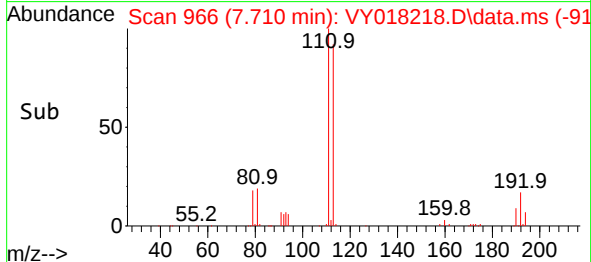
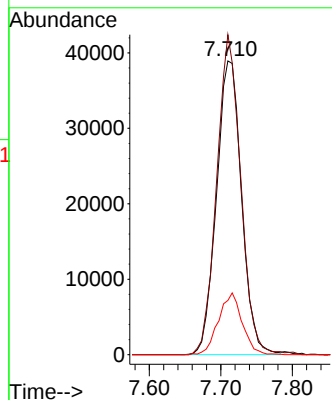
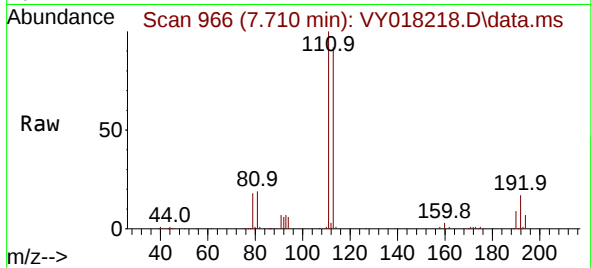




#35
 Dibromofluoromethane
 Concen: 54.731 ug/l
 RT: 7.710 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VY018218.D
 Acq: 09 May 2024 18:30

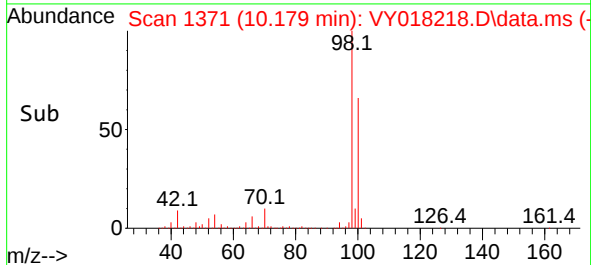
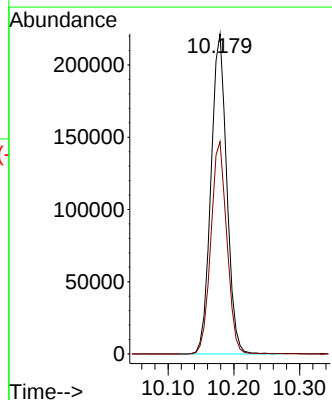
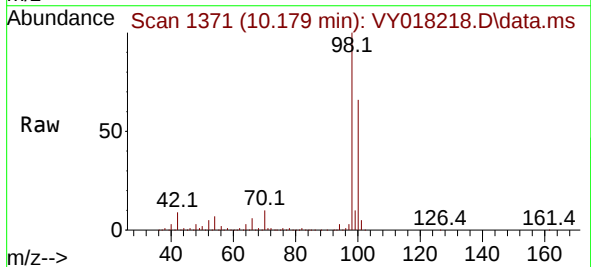
Instrument :
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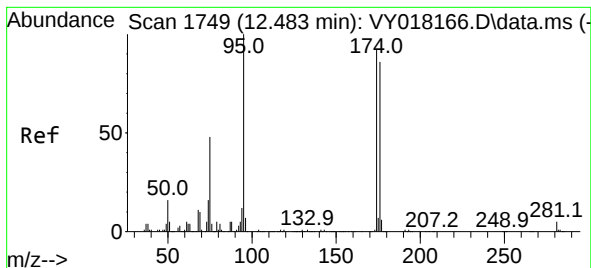
Tgt Ion:113 Resp: 94978
 Ion Ratio Lower Upper
 113 100
 111 104.3 82.2 123.4
 192 19.9 15.9 23.9



#50
 Toluene-d8
 Concen: 54.158 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. 0.000 min
 Lab File: VY018218.D
 Acq: 09 May 2024 18:30

Tgt Ion: 98 Resp: 370353
 Ion Ratio Lower Upper
 98 100
 100 67.0 52.0 78.0

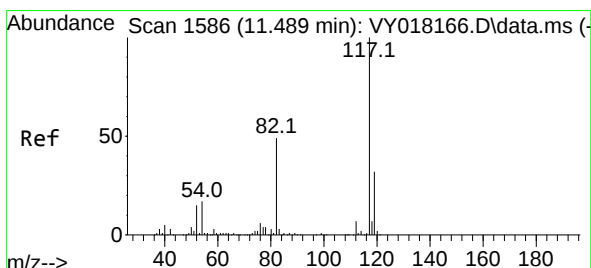
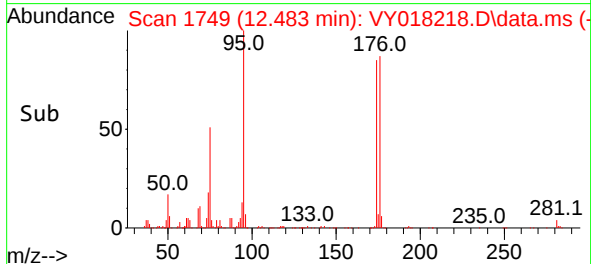
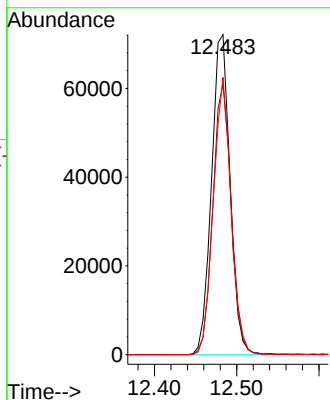
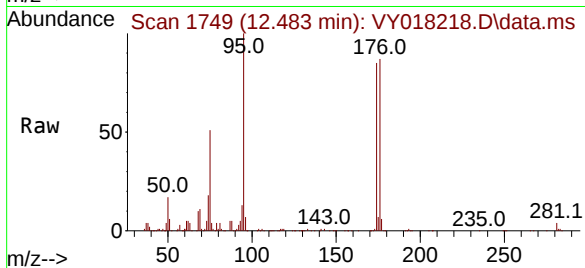




#62
4-Bromofluorobenzene
Concen: 51.363 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018218.D
Acq: 09 May 2024 18:30

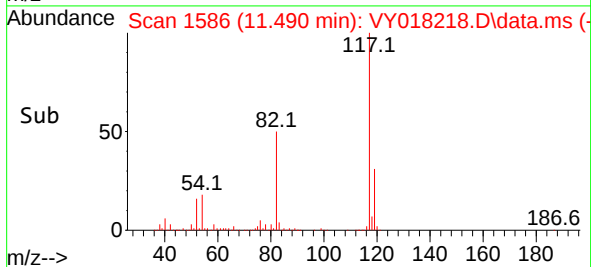
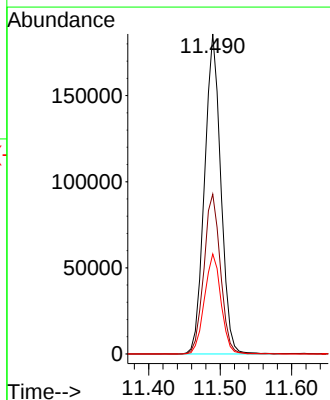
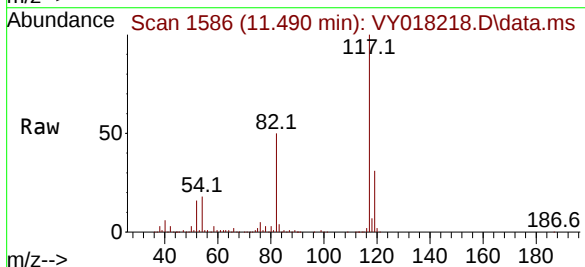
Instrument :
MSVOA_Y
ClientSampleId :
SW-04-011

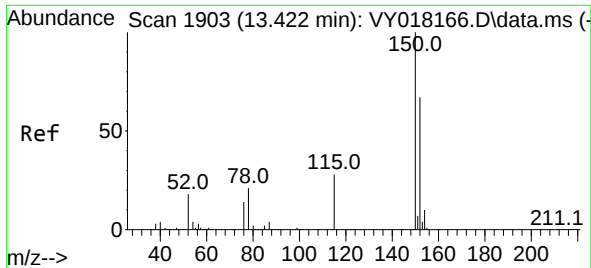
Tgt Ion: 95 Resp: 113431
Ion Ratio Lower Upper
95 100
174 84.0 0.0 175.6
176 82.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018218.D
Acq: 09 May 2024 18:30

Tgt Ion: 117 Resp: 293867
Ion Ratio Lower Upper
117 100
82 50.0 42.4 63.6
119 31.2 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: VY018218.D

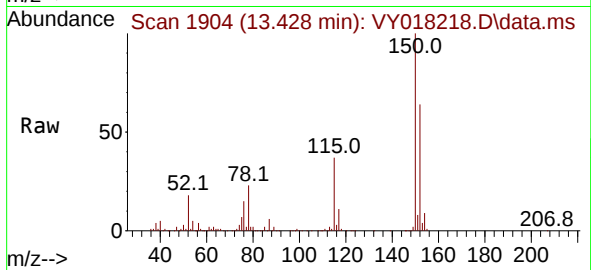
Acq: 09 May 2024 18:30

Instrument :

MSVOA_Y

ClientSampleId :

SW-04-011



Tgt Ion:152 Resp: 111045

Ion Ratio Lower Upper

152 100

115 60.2 28.2 84.7

150 162.5 0.0 345.6

