

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050924\
 Data File : VY018211.D
 Acq On : 09 May 2024 15:42
 Operator : SY/MD
 Sample : P2408-02
 Misc : 4.50g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BIN-1

Quant Time: May 10 01:18:35 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)

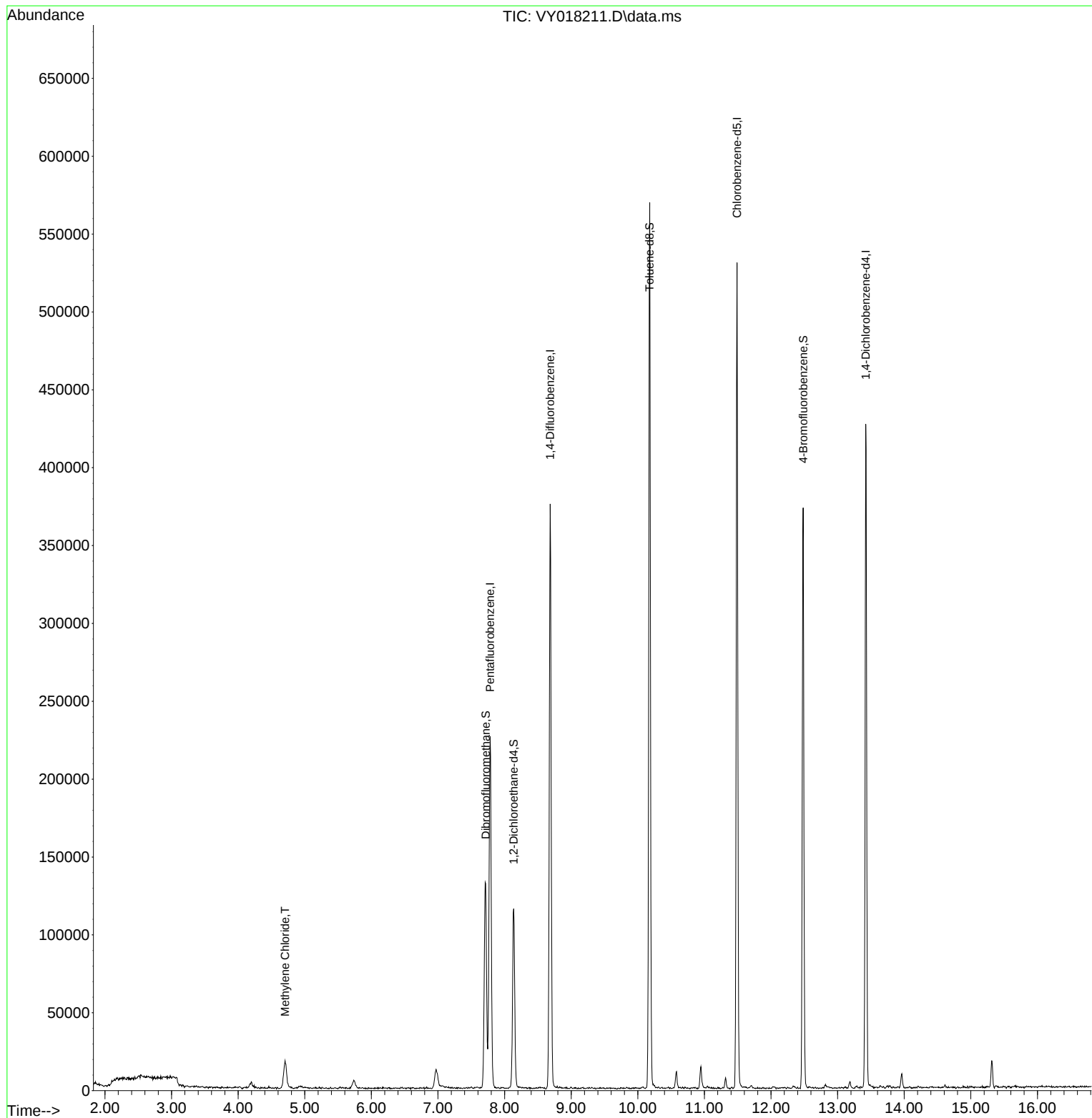
Internal Standards						
1) Pentafluorobenzene	7.783	168	180316	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	339834	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	295722	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	113830	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	83121	62.661	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.320%	
35) Dibromofluoromethane	7.716	113	96365	53.956	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.920%	
50) Toluene-d8	10.179	98	384016	54.564	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.120%	
62) 4-Bromofluorobenzene	12.483	95	114659	50.448	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.900%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.704	84	13294	7.105	ug/l	93

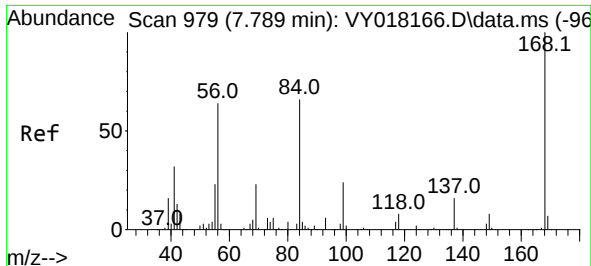
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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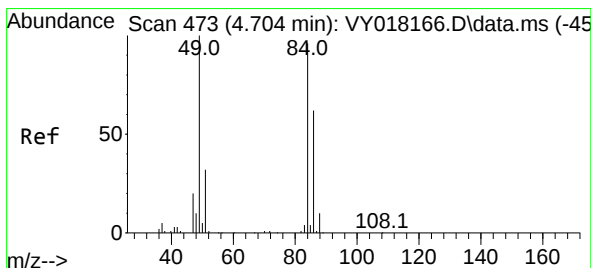
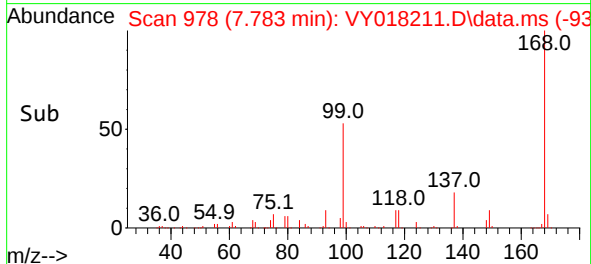
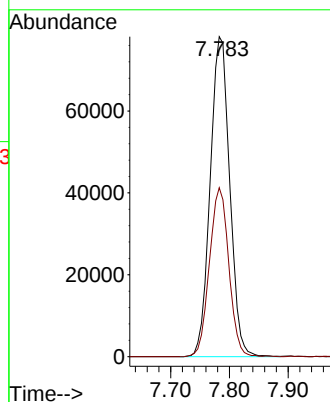
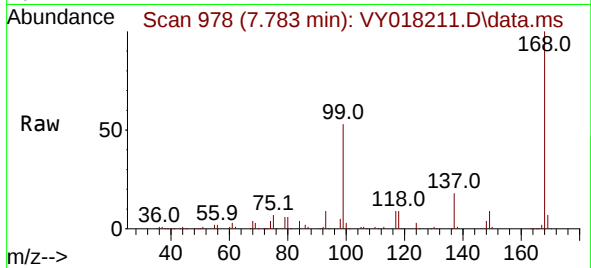




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018211.D
Acq: 09 May 2024 15:42

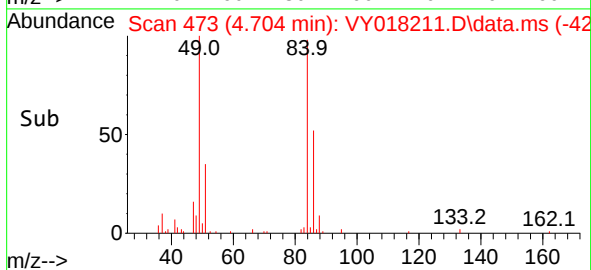
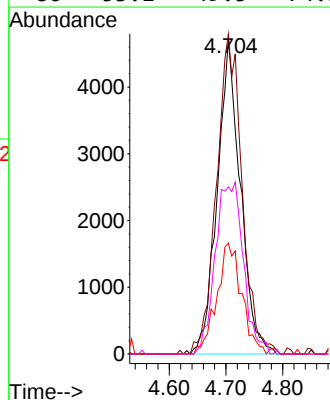
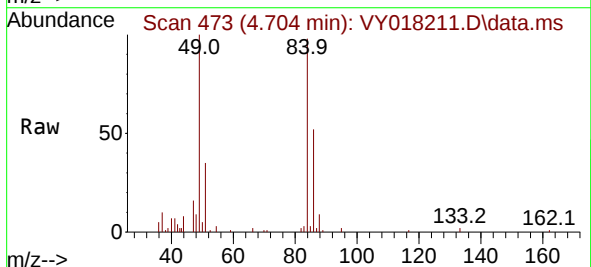
Instrument :
MSVOA_Y
ClientSampleId :
BIN-1

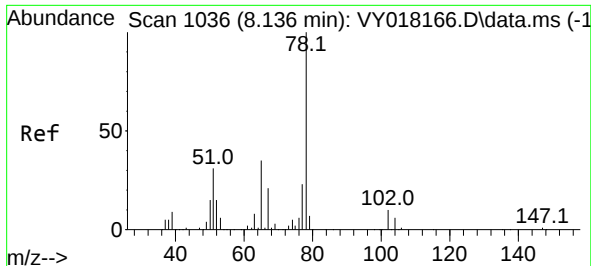
Tgt Ion:168 Resp: 180316
Ion Ratio Lower Upper
168 100
99 52.8 39.1 58.7



#20
Methylene Chloride
Concen: 7.105 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.000 min
Lab File: VY018211.D
Acq: 09 May 2024 15:42

Tgt Ion: 84 Resp: 13294
Ion Ratio Lower Upper
84 100
49 100.6 84.4 126.6
51 35.2 26.0 39.0
86 53.1 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 62.661 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY018211.D

Acq: 09 May 2024 15:42

Instrument :

MSVOA_Y

ClientSampleId :

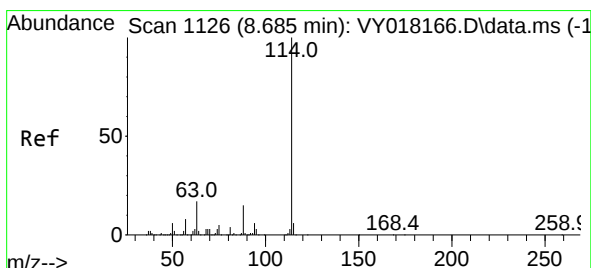
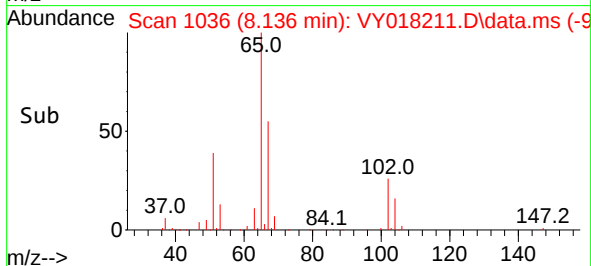
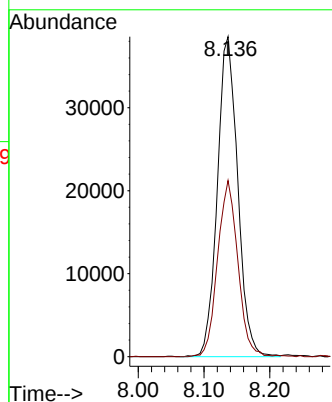
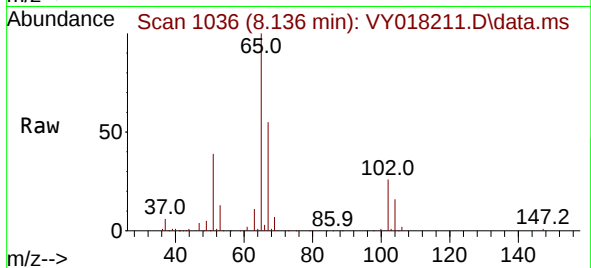
BIN-1

Tgt Ion: 65 Resp: 83121

Ion Ratio Lower Upper

65 100

67 54.7 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: VY018211.D

Acq: 09 May 2024 15:42

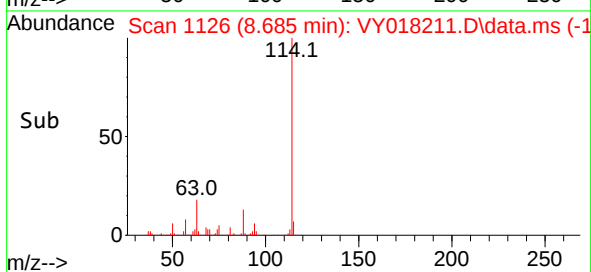
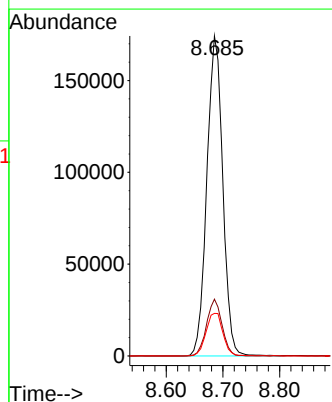
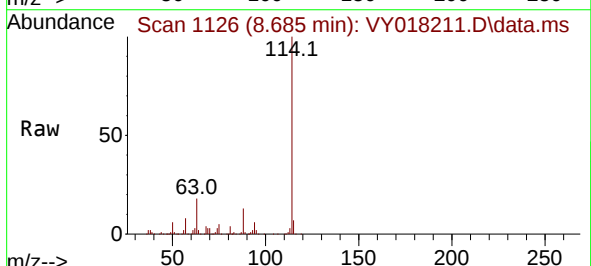
Tgt Ion: 114 Resp: 339834

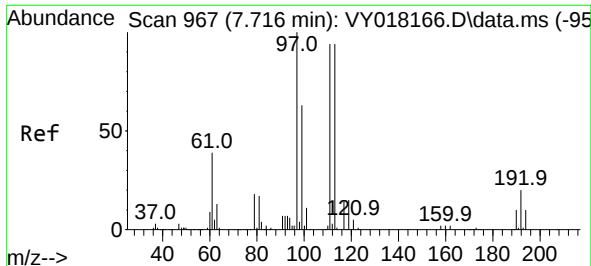
Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.0

88 13.3 0.0 27.2

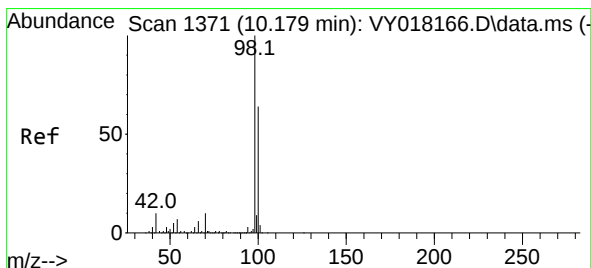
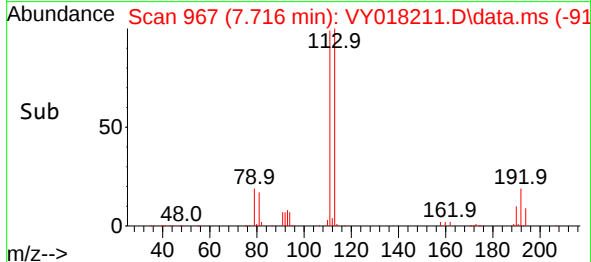
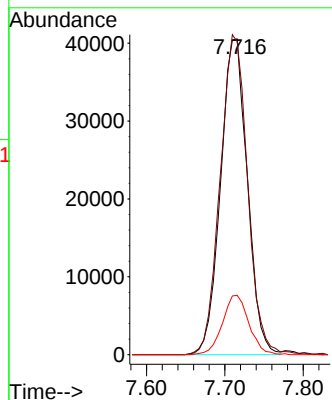
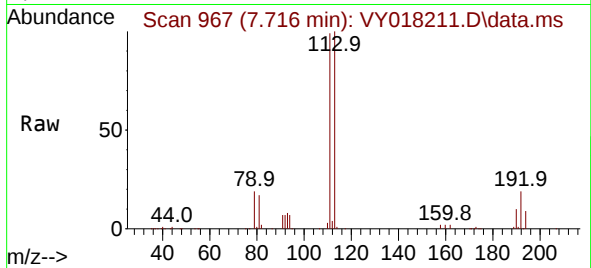




#35
 Dibromofluoromethane
 Concen: 53.956 ug/l
 RT: 7.716 min Scan# 967
 Delta R.T. -0.000 min
 Lab File: VY018211.D
 Acq: 09 May 2024 15:42

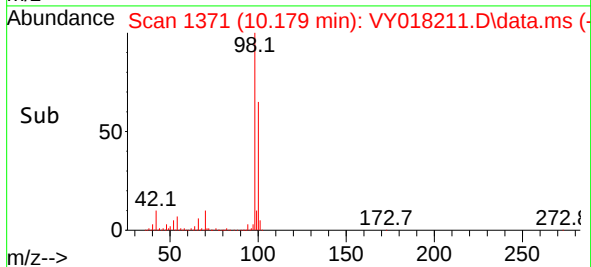
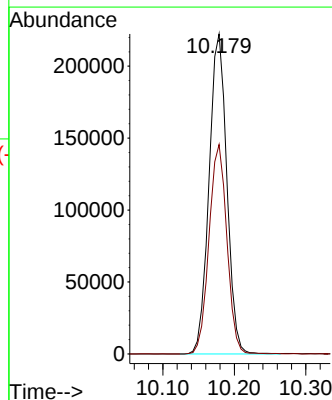
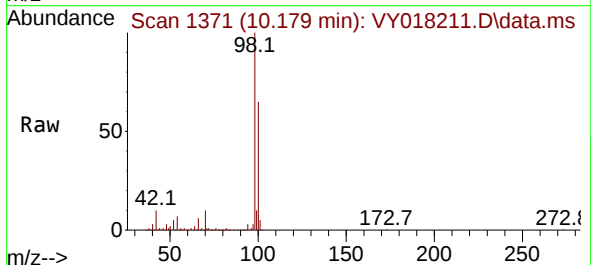
Instrument :
 MSVOA_Y
 ClientSampleId :
 BIN-1

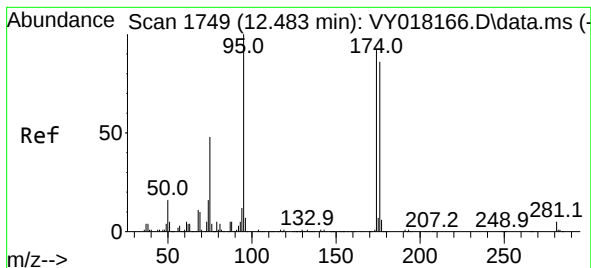
Tgt Ion:113 Resp: 96365
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.2 123.4
 192 18.6 15.9 23.9



#50
 Toluene-d8
 Concen: 54.564 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. -0.000 min
 Lab File: VY018211.D
 Acq: 09 May 2024 15:42

Tgt Ion: 98 Resp: 384016
 Ion Ratio Lower Upper
 98 100
 100 65.8 52.0 78.0

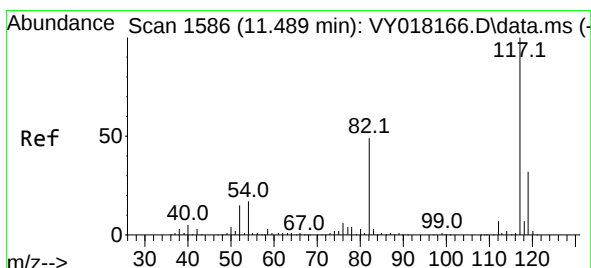
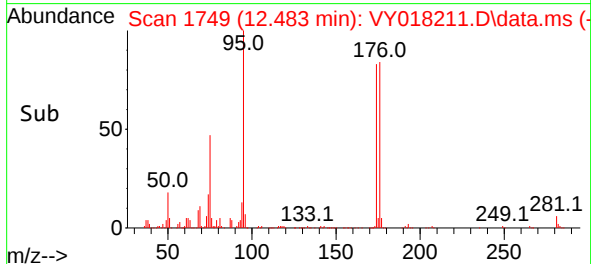
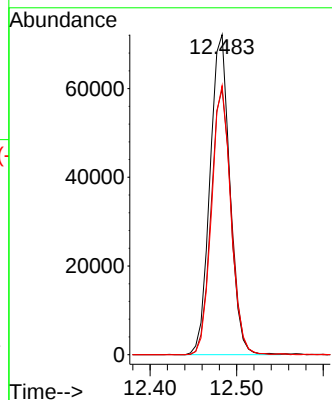
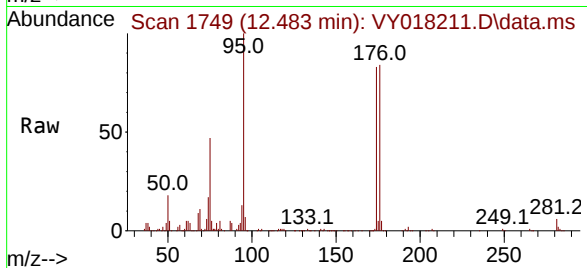




#62
4-Bromofluorobenzene
Concen: 50.448 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY018211.D
Acq: 09 May 2024 15:42

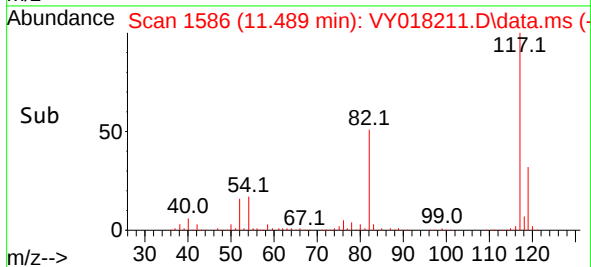
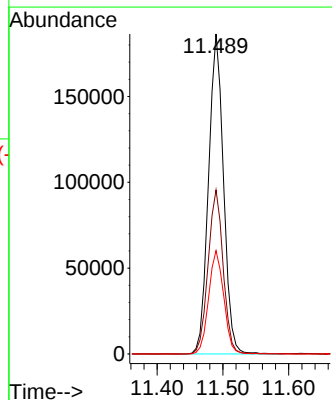
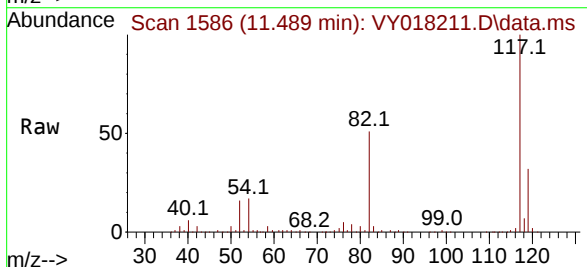
Instrument :
MSVOA_Y
ClientSampleId :
BIN-1

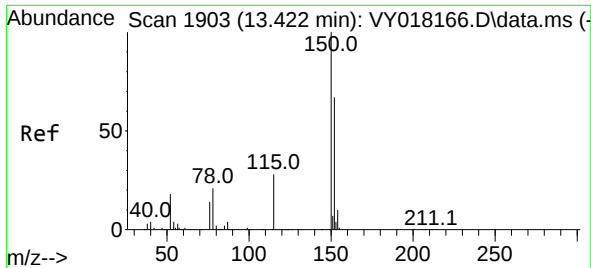
Tgt Ion: 95 Resp: 114659
Ion Ratio Lower Upper
95 100
174 84.1 0.0 175.6
176 81.9 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY018211.D
Acq: 09 May 2024 15:42

Tgt Ion: 117 Resp: 295722
Ion Ratio Lower Upper
117 100
82 51.3 42.4 63.6
119 32.3 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: VY018211.D
 Acq: 09 May 2024 15:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 BIN-1

Tgt Ion:152 Resp: 113830
 Ion Ratio Lower Upper
 152 100
 115 57.7 28.2 84.7
 150 156.6 0.0 345.6

