

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052024\
 Data File : VY018327.D
 Acq On : 20 May 2024 12:03
 Operator : SY/MD
 Sample : P2500-01RE
 Misc : 5.72g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-112-SB01RE

Quant Time: May 21 01:22:42 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)

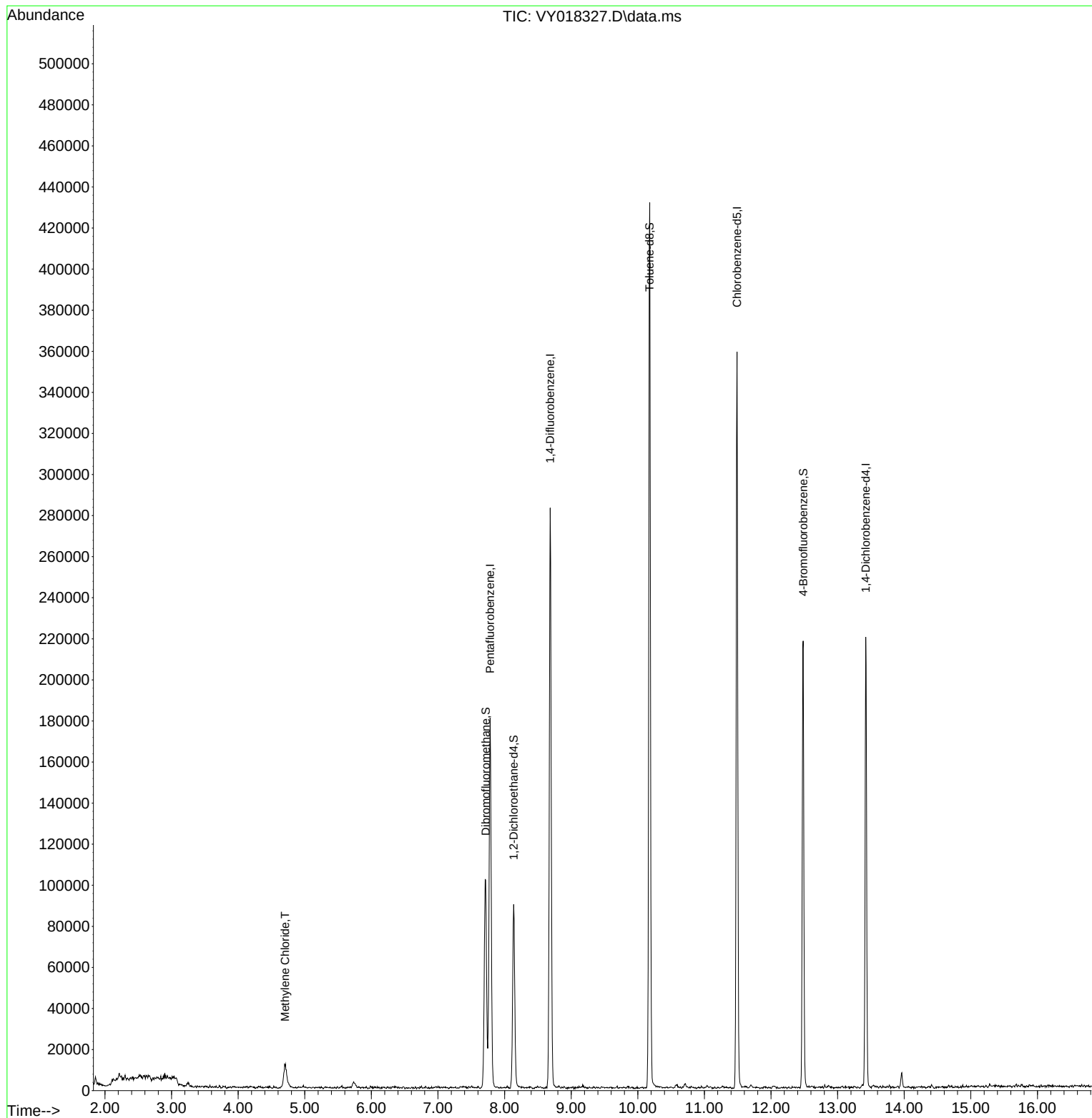
Internal Standards						
1) Pentafluorobenzene	7.783	168	132166	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	251558	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	194520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	57154	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	66100	67.983	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.960%
35) Dibromofluoromethane	7.716	113	74161	56.095	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.200%
50) Toluene-d8	10.179	98	287535	55.192	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.380%
62) 4-Bromofluorobenzene	12.483	95	67852	40.330	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.660%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.704	84	8241	6.009	ug/l #	94

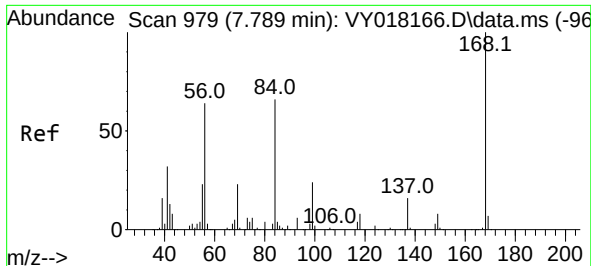
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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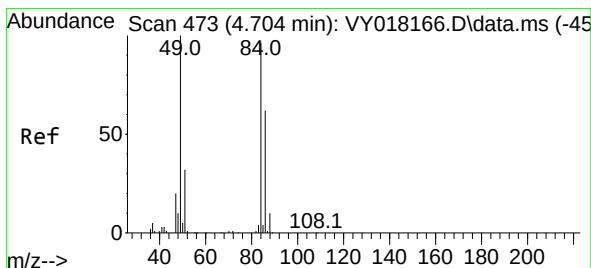
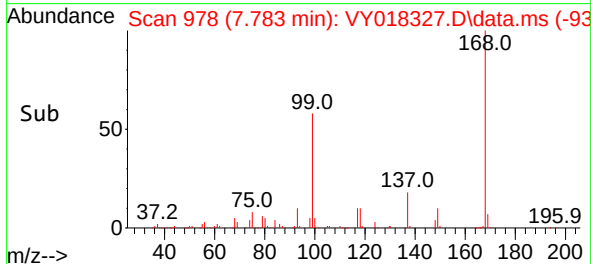
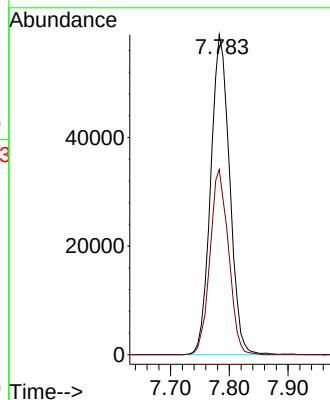
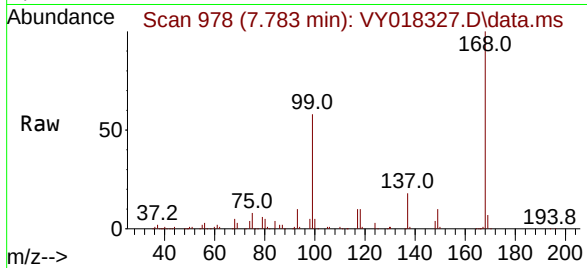




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018327.D
Acq: 20 May 2024 12:03

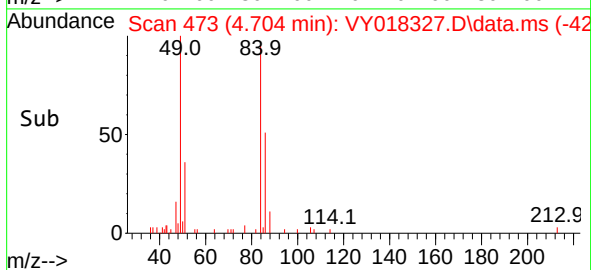
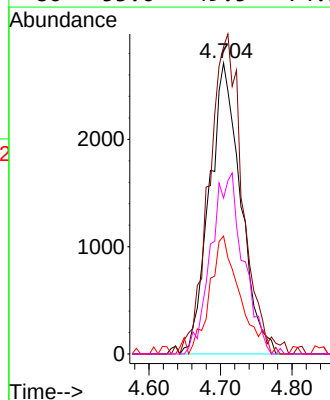
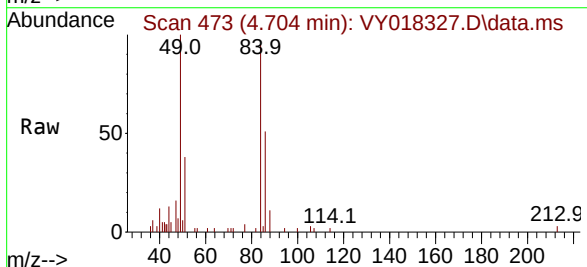
Instrument :
MSVOA_Y
ClientSampleId :
B-112-SB01RE

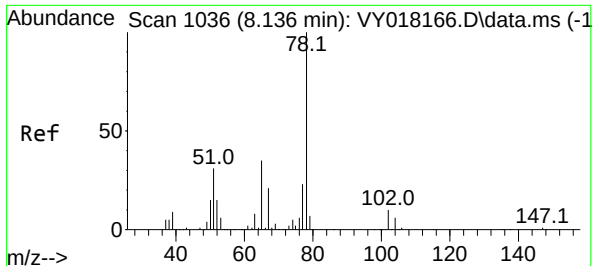
Tgt Ion:168 Resp: 132166
Ion Ratio Lower Upper
168 100
99 57.9 39.1 58.7



#20
Methylene Chloride
Concen: 6.009 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY018327.D
Acq: 20 May 2024 12:03

Tgt Ion: 84 Resp: 8241
Ion Ratio Lower Upper
84 100
49 105.6 84.4 126.6
51 40.6 26.0 39.0#
86 53.6 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 67.983 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY018327.D

Acq: 20 May 2024 12:03

Instrument :

MSVOA_Y

ClientSampleId :

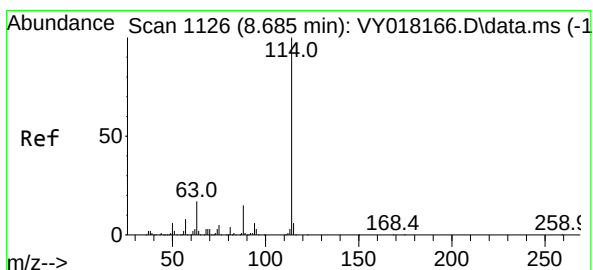
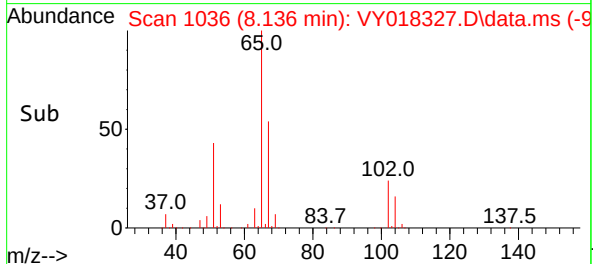
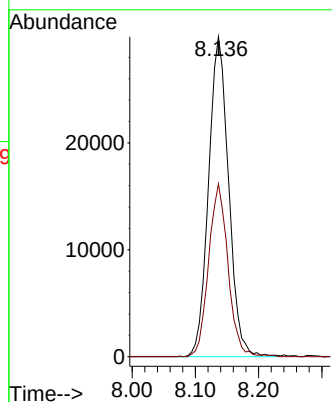
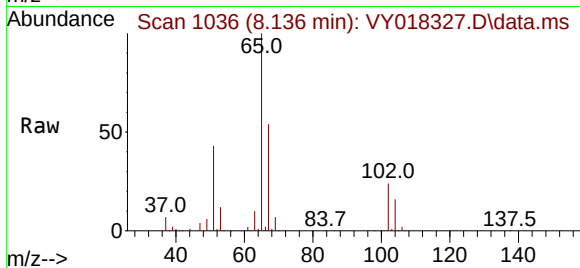
B-112-SB01RE

Tgt Ion: 65 Resp: 66100

Ion Ratio Lower Upper

65 100

67 52.3 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: VY018327.D

Acq: 20 May 2024 12:03

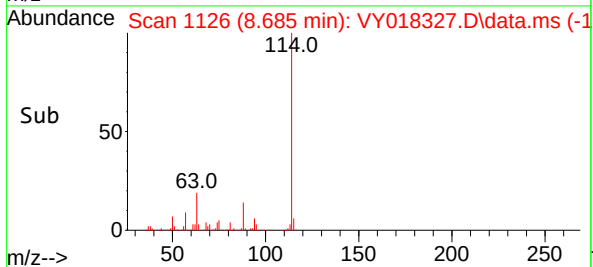
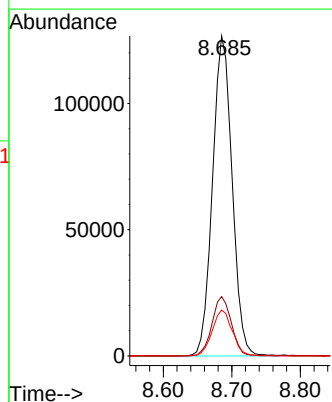
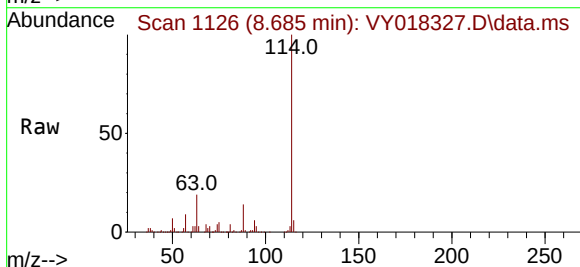
Tgt Ion: 114 Resp: 251558

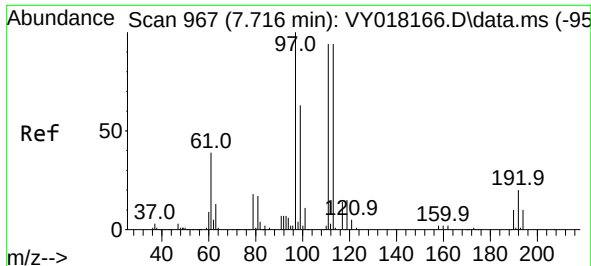
Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.0

88 14.4 0.0 27.2

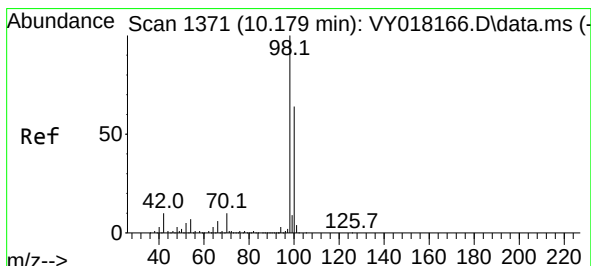
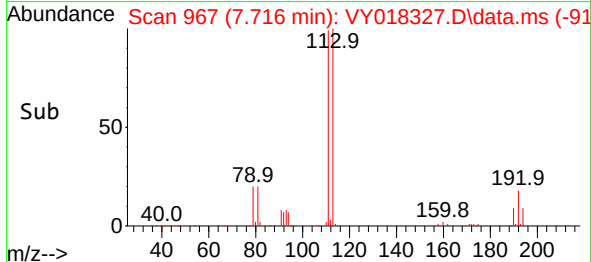
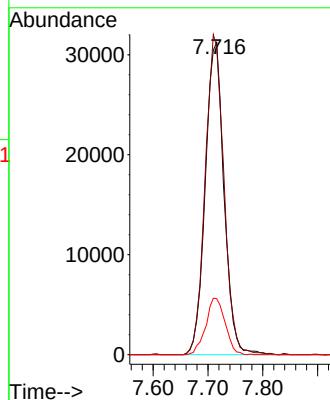
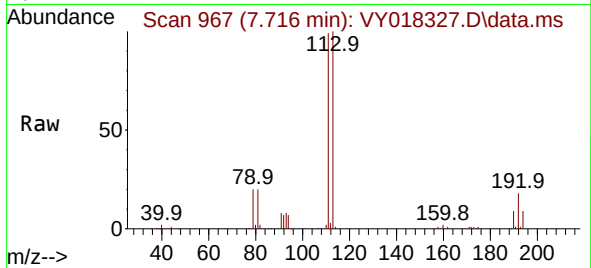




#35
Dibromofluoromethane
Concen: 56.095 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY018327.D
Acq: 20 May 2024 12:03

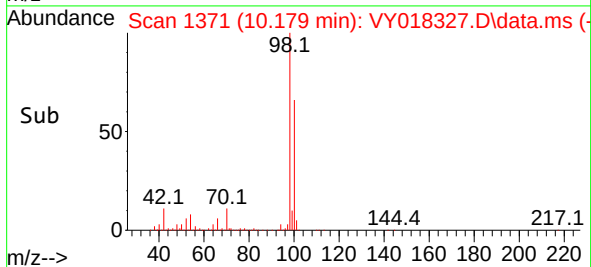
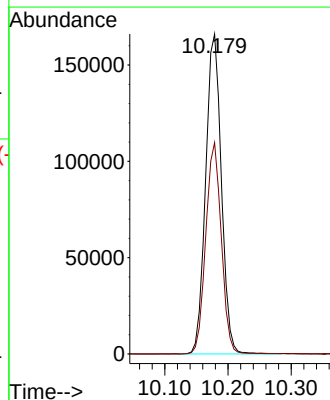
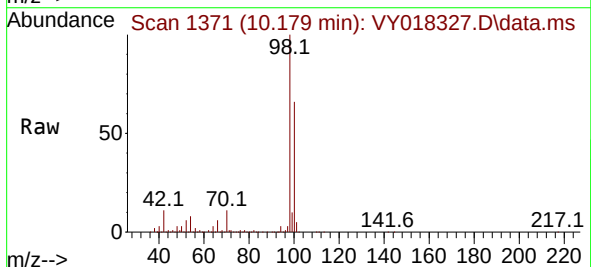
Instrument :
MSVOA_Y
ClientSampleId :
B-112-SB01RE

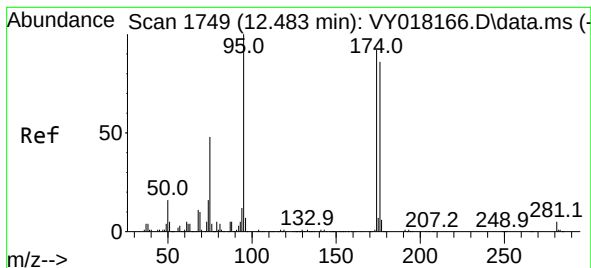
Tgt Ion:113 Resp: 74161
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 18.7 15.9 23.9



#50
Toluene-d8
Concen: 55.192 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY018327.D
Acq: 20 May 2024 12:03

Tgt Ion: 98 Resp: 287535
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0

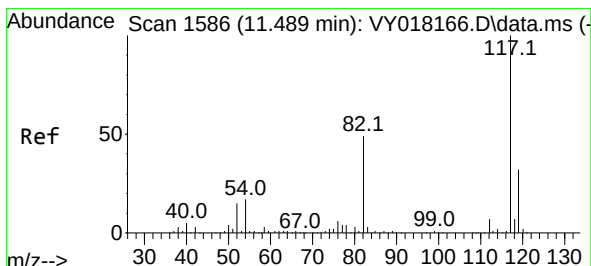
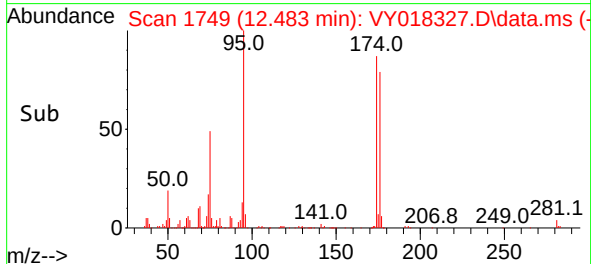
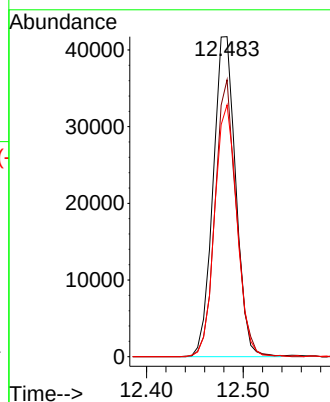
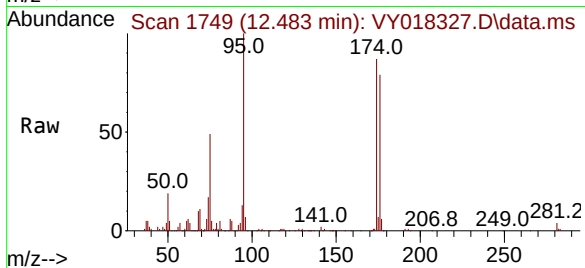




#62
4-Bromofluorobenzene
Concen: 40.330 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018327.D
Acq: 20 May 2024 12:03

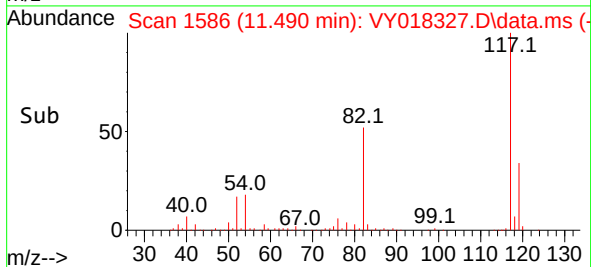
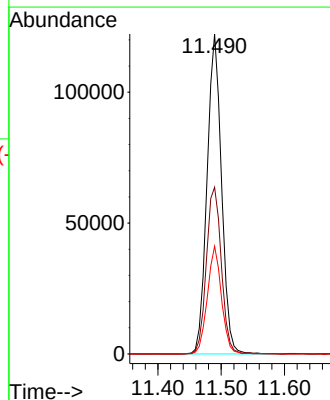
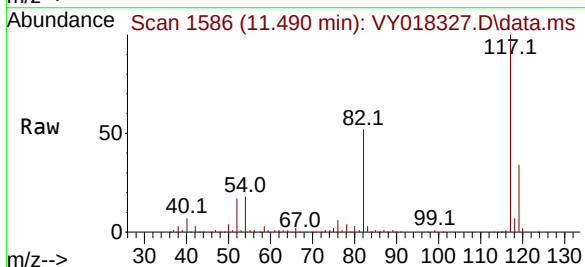
Instrument :
MSVOA_Y
ClientSampleId :
B-112-SB01RE

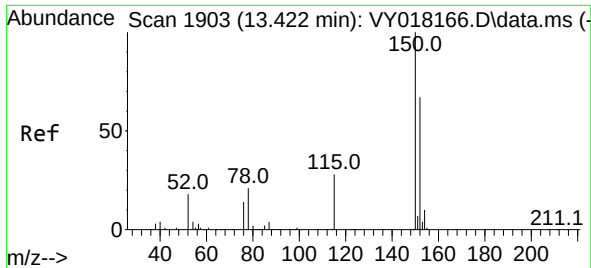
Tgt Ion: 95 Resp: 67852
Ion Ratio Lower Upper
95 100
174 81.1 0.0 175.6
176 77.9 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018327.D
Acq: 20 May 2024 12:03

Tgt Ion: 117 Resp: 194520
Ion Ratio Lower Upper
117 100
82 52.1 42.4 63.6
119 33.7 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: VY018327.D
 Acq: 20 May 2024 12:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-112-SB01RE

Tgt Ion:152 Resp: 57154
 Ion Ratio Lower Upper
 152 100
 115 58.9 28.2 84.7
 150 152.9 0.0 345.6

