

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042924\
 Data File : VY018068.D
 Acq On : 29 Apr 2024 15:00
 Operator : SY/MD
 Sample : VY0429SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0429SBL01

Quant Time: Apr 30 01:21:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

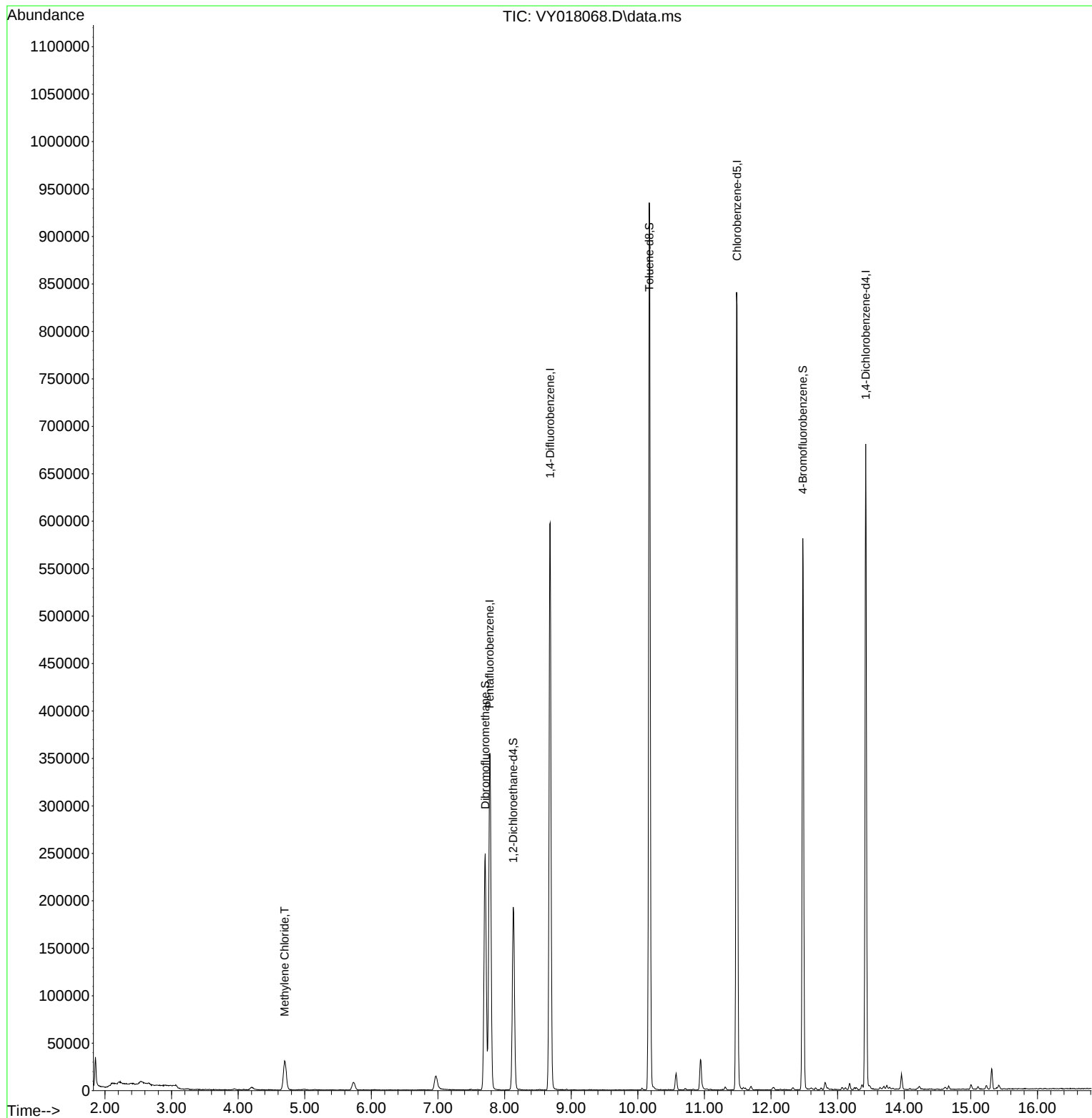
Internal Standards						
1) Pentafluorobenzene	7.777	168	306219	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	562751	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	505431	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	184473	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	145371	54.858	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.720%	
35) Dibromofluoromethane	7.710	113	182500	52.566	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.140%	
50) Toluene-d8	10.173	98	648101	49.196	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.400%	
62) 4-Bromofluorobenzene	12.477	95	170919	41.892	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 83.780%	
Target Compounds						
20) Methylene Chloride	4.698	84	26823	7.562	ug/l	Qvalue 94

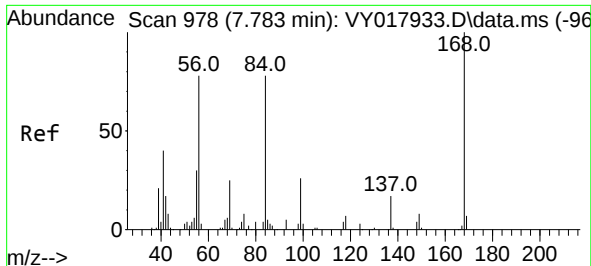
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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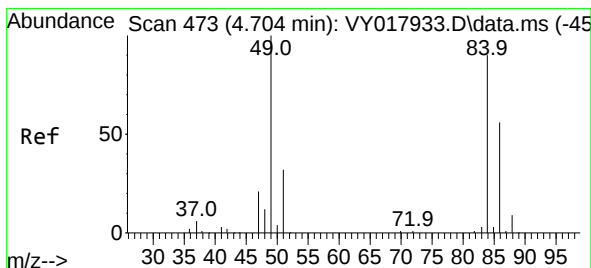
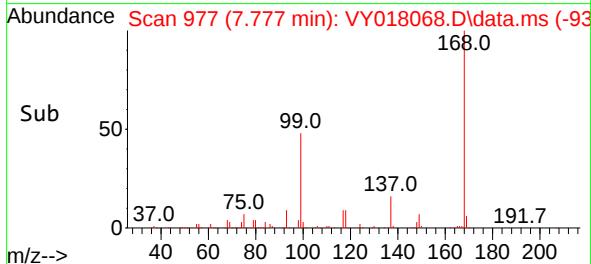
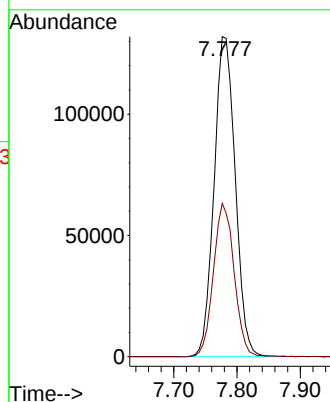
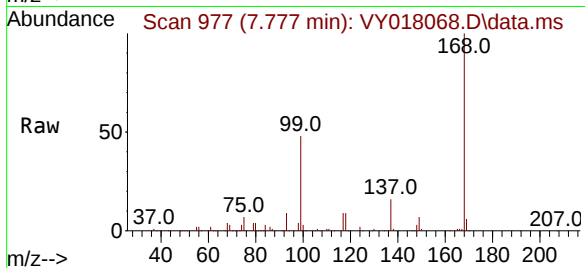




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY018068.D
Acq: 29 Apr 2024 15:00

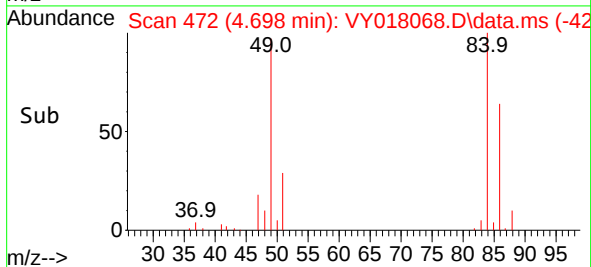
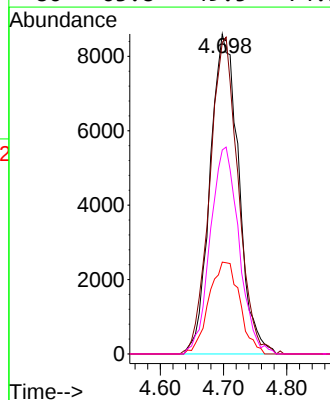
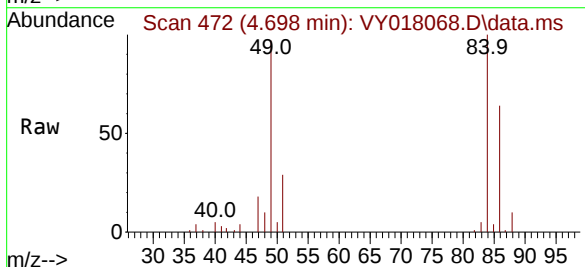
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBL01

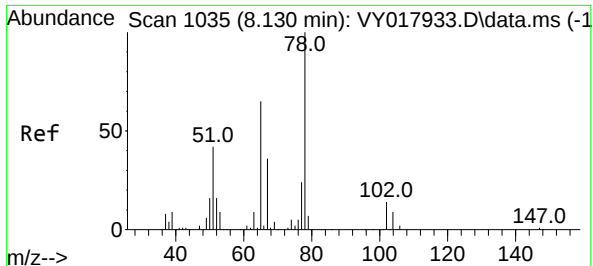
Tgt Ion:168 Resp: 306219
Ion Ratio Lower Upper
168 100
99 47.9 39.1 58.7



#20
Methylene Chloride
Concen: 7.562 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.018 min
Lab File: VY018068.D
Acq: 29 Apr 2024 15:00

Tgt Ion: 84 Resp: 26823
Ion Ratio Lower Upper
84 100
49 97.4 84.4 126.6
51 28.7 26.0 39.0
86 63.8 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 54.858 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. -0.012 min

Lab File: VY018068.D

Acq: 29 Apr 2024 15:00

Instrument :

MSVOA_Y

ClientSampleId :

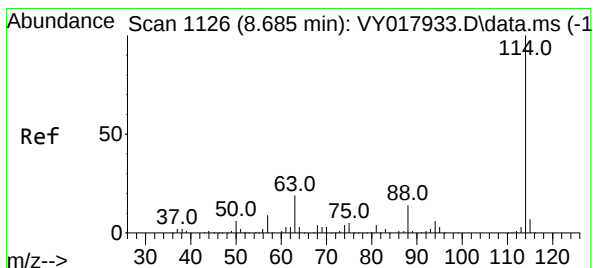
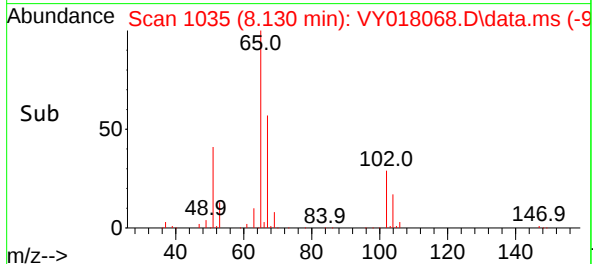
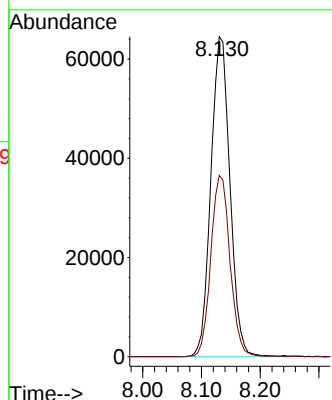
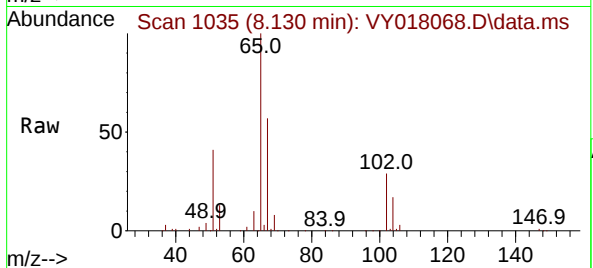
VY0429SBL01

Tgt Ion: 65 Resp: 145371

Ion Ratio Lower Upper

65 100

67 56.9 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY018068.D

Acq: 29 Apr 2024 15:00

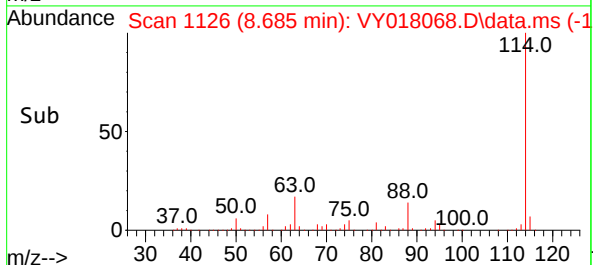
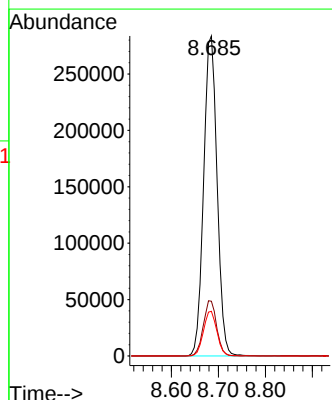
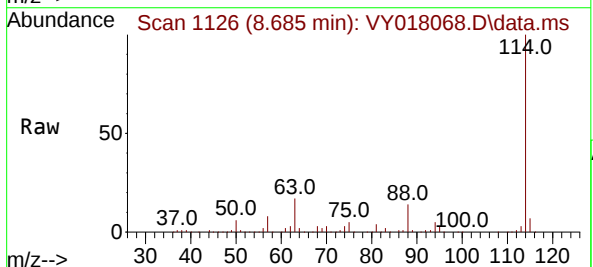
Tgt Ion: 114 Resp: 562751

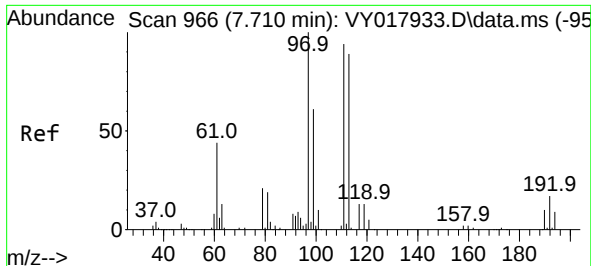
Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.0

88 14.0 0.0 27.2

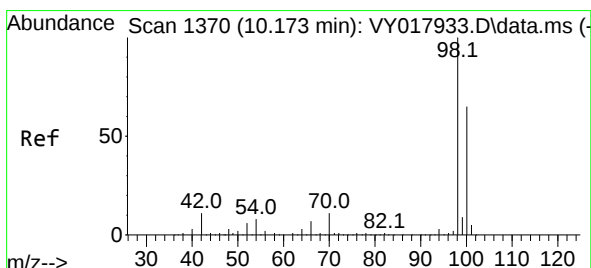
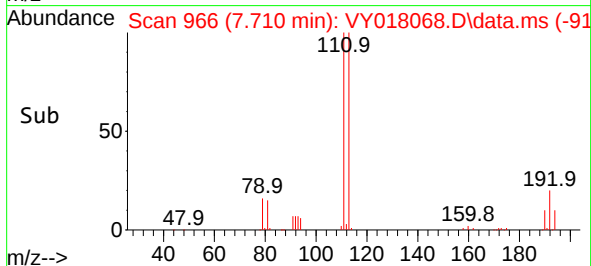
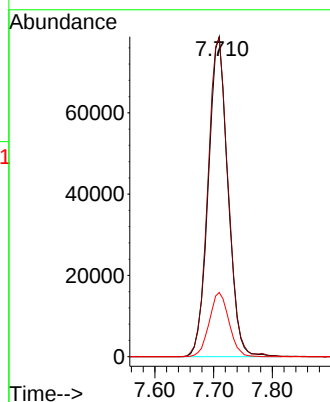
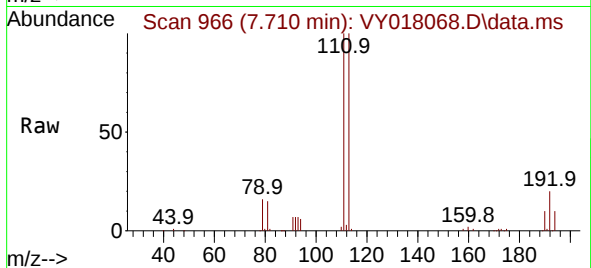




#35
Dibromofluoromethane
Concen: 52.566 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.012 min
Lab File: VY018068.D
Acq: 29 Apr 2024 15:00

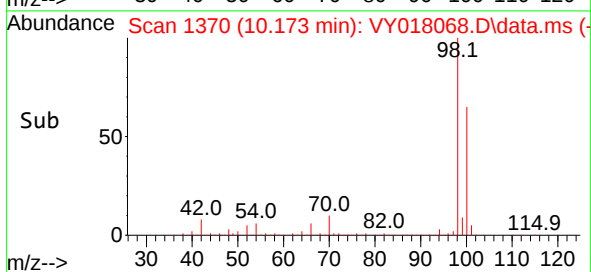
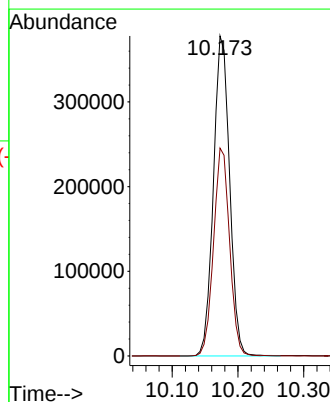
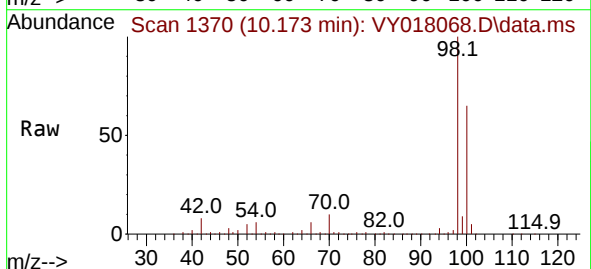
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBL01

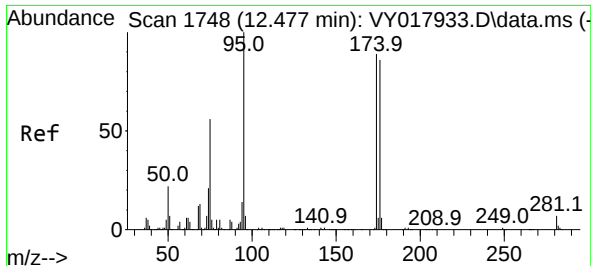
Tgt Ion:113 Resp: 182500
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 20.2 15.9 23.9



#50
Toluene-d8
Concen: 49.196 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY018068.D
Acq: 29 Apr 2024 15:00

Tgt Ion: 98 Resp: 648101
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0

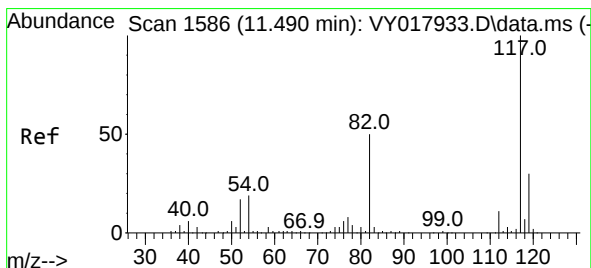
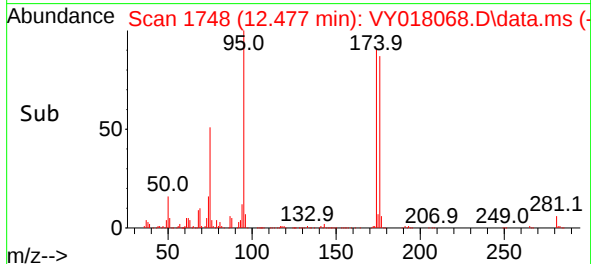
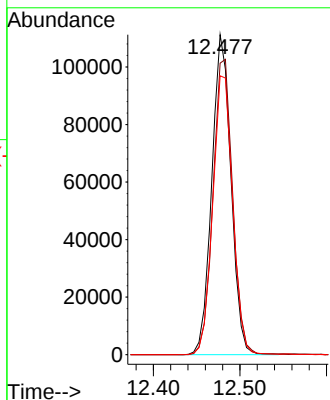
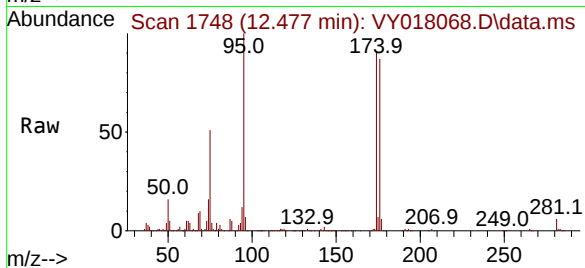




#62
4-Bromofluorobenzene
Concen: 41.892 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY018068.D
Acq: 29 Apr 2024 15:00

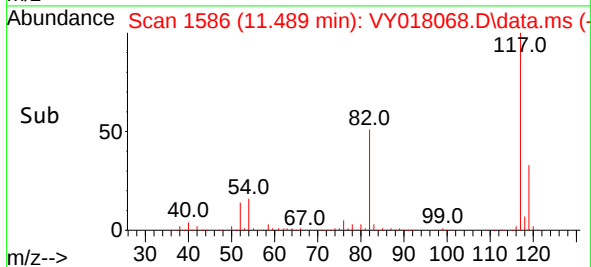
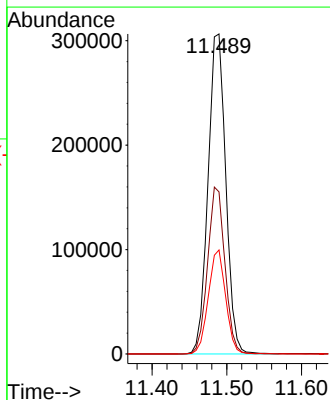
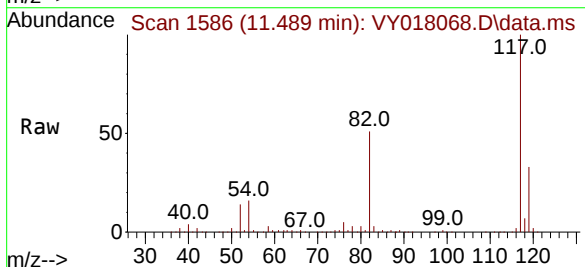
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBL01

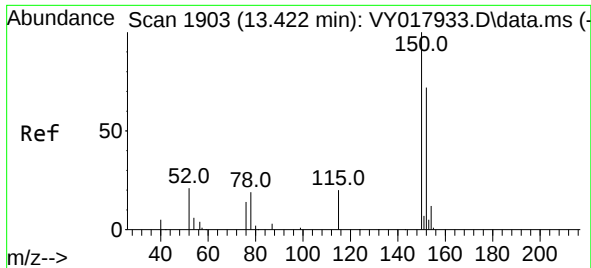
Tgt Ion: 95 Resp: 170919
Ion Ratio Lower Upper
95 100
174 94.9 0.0 175.6
176 90.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018068.D
Acq: 29 Apr 2024 15:00

Tgt Ion: 117 Resp: 505431
Ion Ratio Lower Upper
117 100
82 50.6 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. -0.006 min

Lab File: VY018068.D

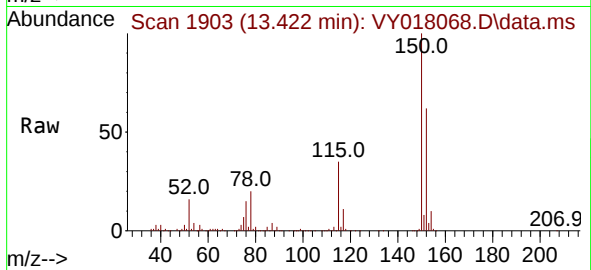
Acq: 29 Apr 2024 15:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBL01



Tgt Ion:152 Resp: 184473

Ion Ratio Lower Upper

152 100

115 55.6 28.2 84.7

150 159.5 0.0 345.6

