

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072224\
 Data File : VY018887.D
 Acq On : 22 Jul 2024 13:31
 Operator : SY/MD
 Sample : VY0722SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0722SBL01

Quant Time: Jul 23 07:55:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

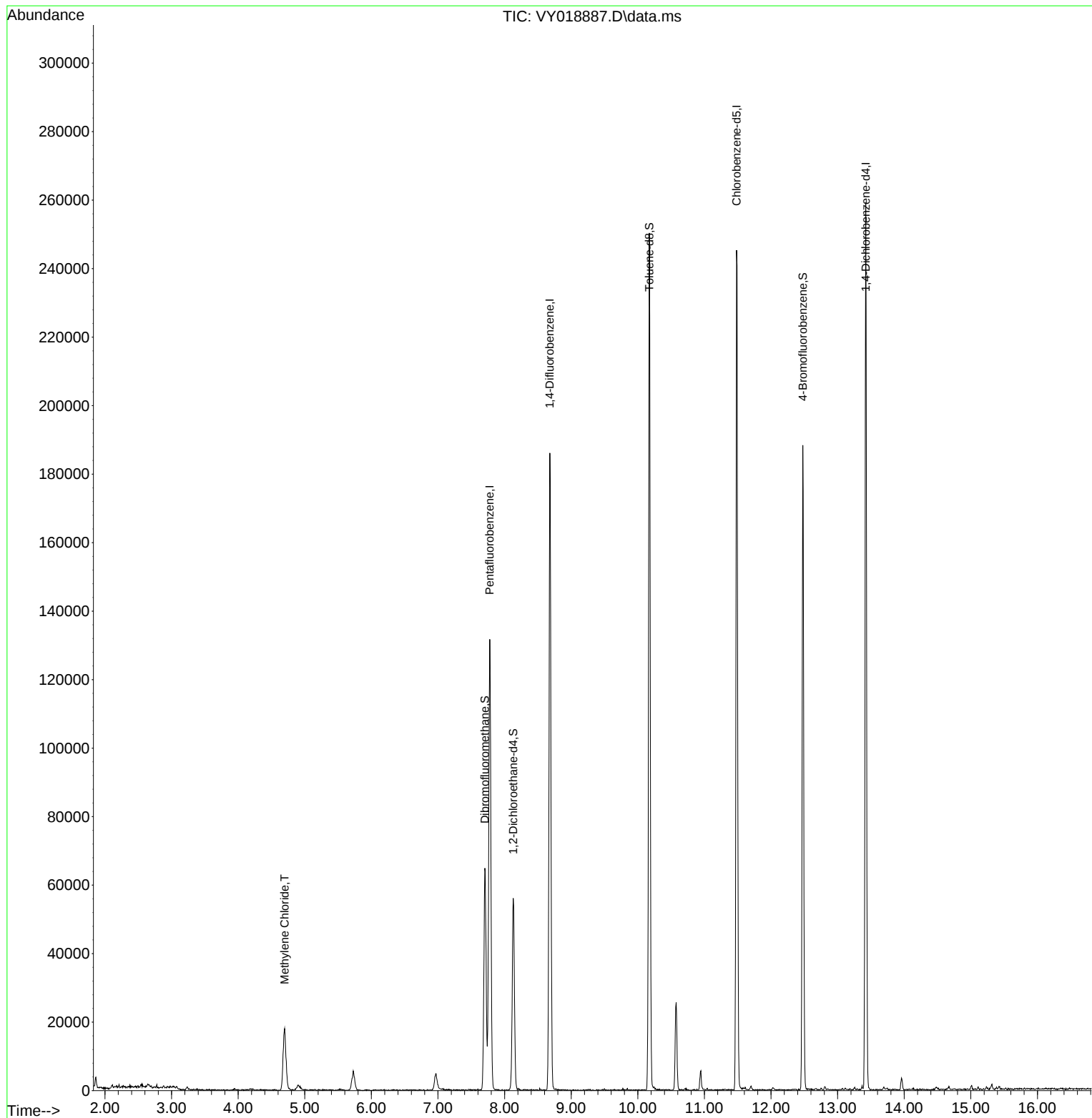
Internal Standards						
1) Pentafluorobenzene	7.777	168	103698	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	161563	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	136924	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	65817	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	42791	41.935	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.880%
35) Dibromofluoromethane	7.703	113	44775	44.248	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.500%
50) Toluene-d8	10.172	98	161995	42.256	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.520%
62) 4-Bromofluorobenzene	12.477	95	53982	41.232	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.460%
Target Compounds						
20) Methylene Chloride	4.698	84	13849	8.921	ug/l	90

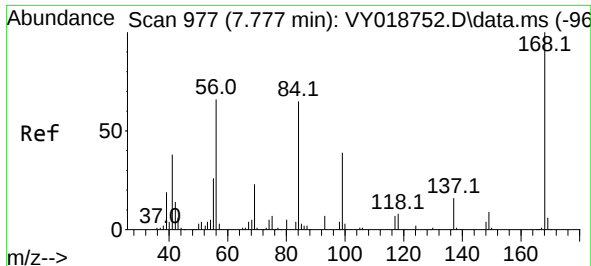
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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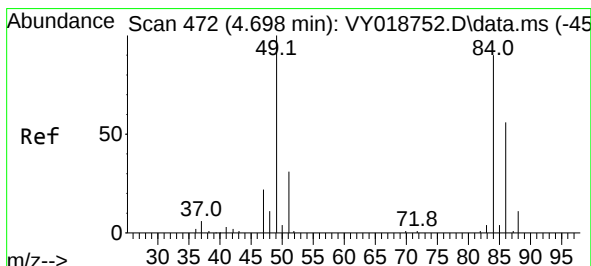
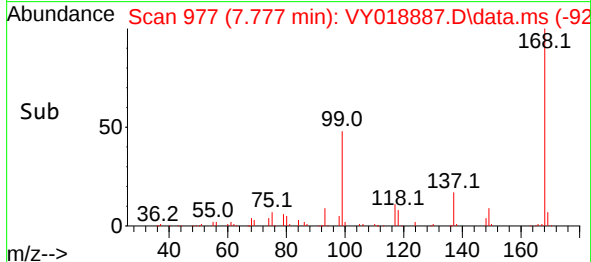
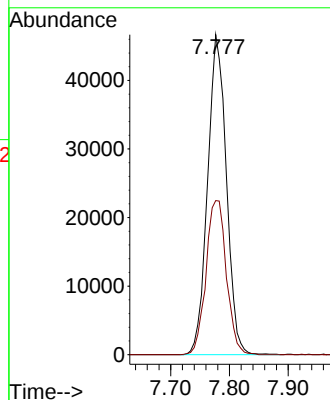
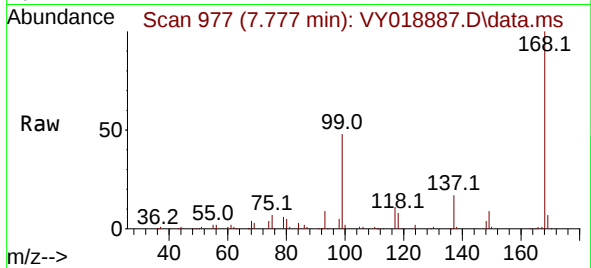




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018887.D
Acq: 22 Jul 2024 13:31

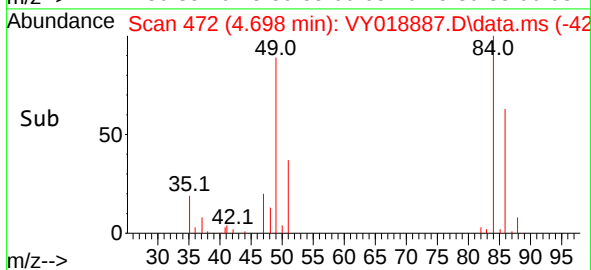
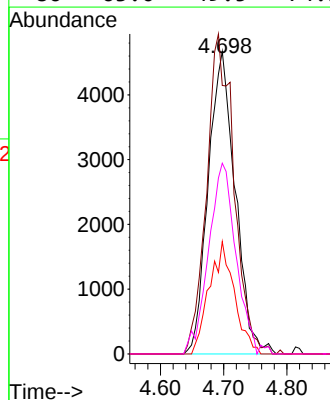
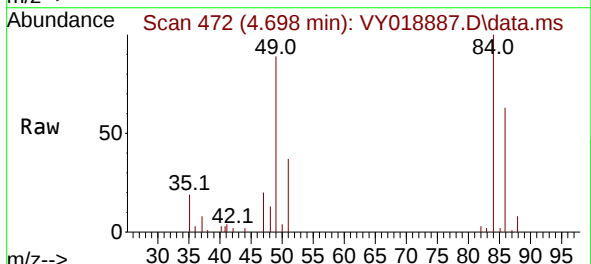
Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBL01

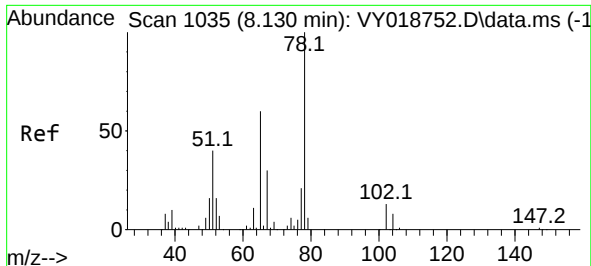
Tgt Ion:168 Resp: 103698
Ion Ratio Lower Upper
168 100
99 48.1 39.1 58.7



#20
Methylene Chloride
Concen: 8.921 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.000 min
Lab File: VY018887.D
Acq: 22 Jul 2024 13:31

Tgt Ion: 84 Resp: 13849
Ion Ratio Lower Upper
84 100
49 88.7 84.4 126.6
51 37.1 26.0 39.0
86 63.0 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 41.935 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VY018887.D

Acq: 22 Jul 2024 13:31

Instrument :

MSVOA_Y

ClientSampleId :

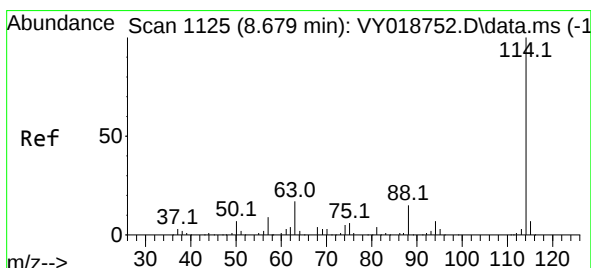
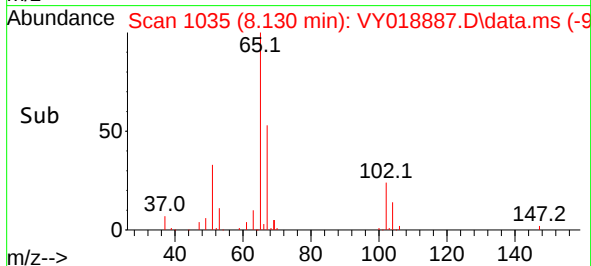
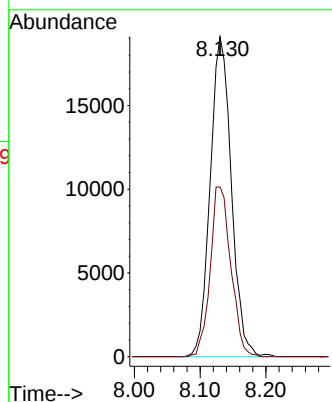
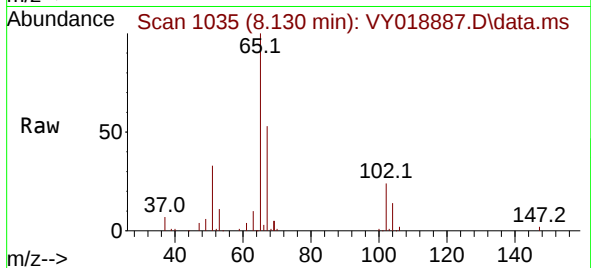
VY0722SBL01

Tgt Ion: 65 Resp: 42791

Ion Ratio Lower Upper

65 100

67 51.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.000 min

Lab File: VY018887.D

Acq: 22 Jul 2024 13:31

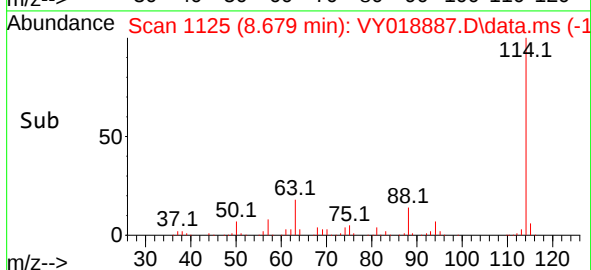
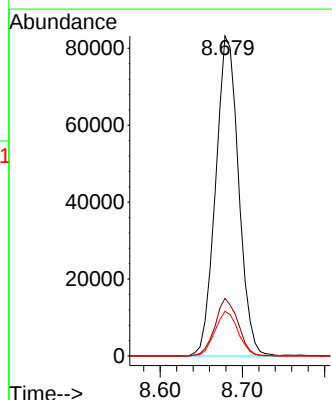
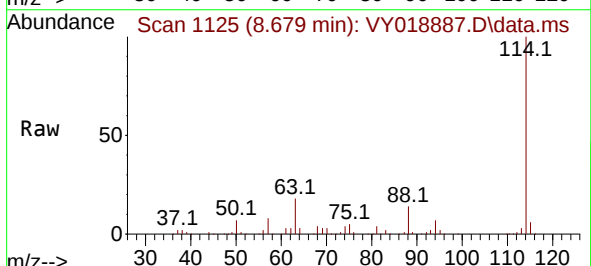
Tgt Ion: 114 Resp: 161563

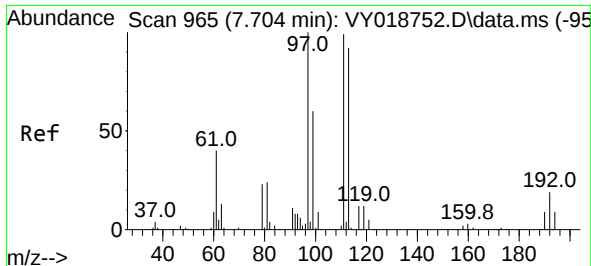
Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

88 13.9 0.0 27.2

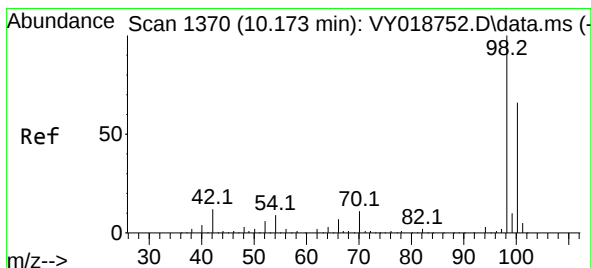
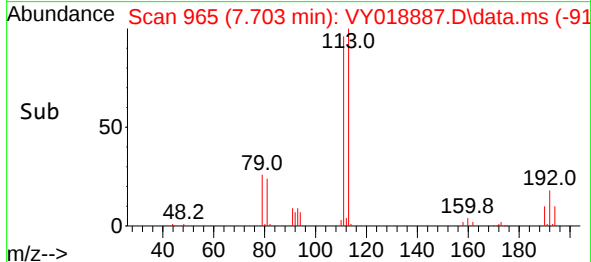
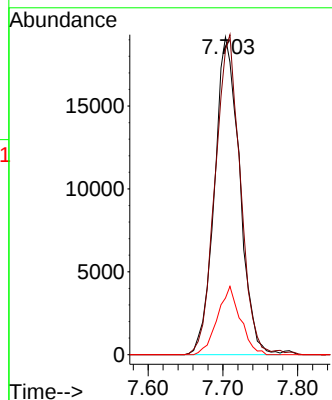
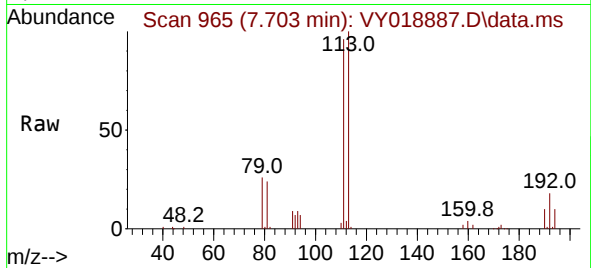




#35
Dibromofluoromethane
Concen: 44.248 ug/l
RT: 7.703 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018887.D
Acq: 22 Jul 2024 13:31

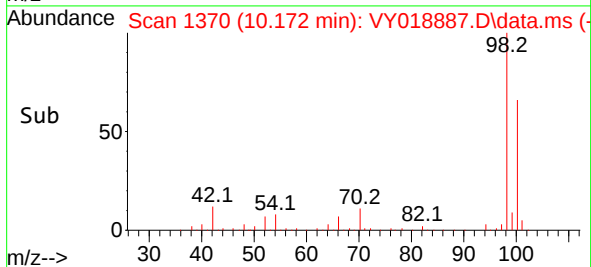
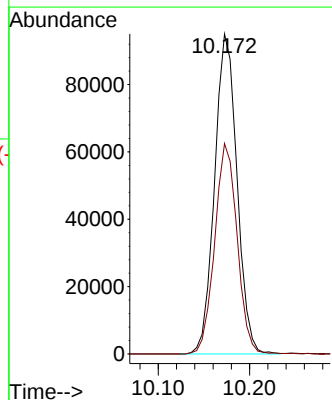
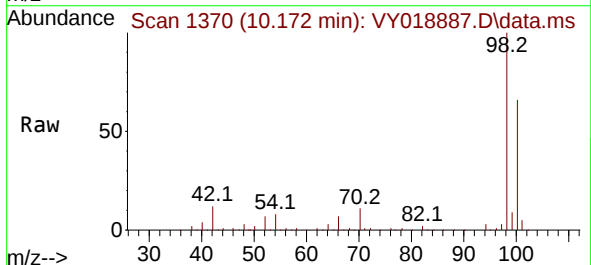
Instrument :
MSVOA_Y
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VY0722SBL01

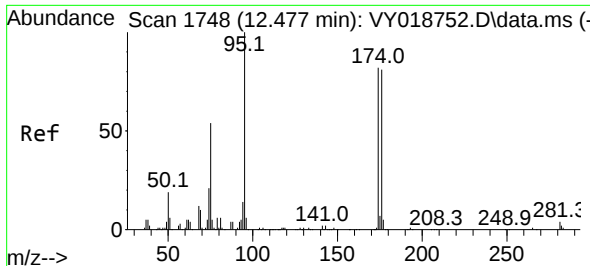
Tgt Ion:113 Resp: 44775
Ion Ratio Lower Upper
113 100
111 101.0 82.2 123.4
192 19.7 15.9 23.9



#50
Toluene-d8
Concen: 42.256 ug/l
RT: 10.172 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY018887.D
Acq: 22 Jul 2024 13:31

Tgt Ion: 98 Resp: 161995
Ion Ratio Lower Upper
98 100
100 65.8 52.0 78.0

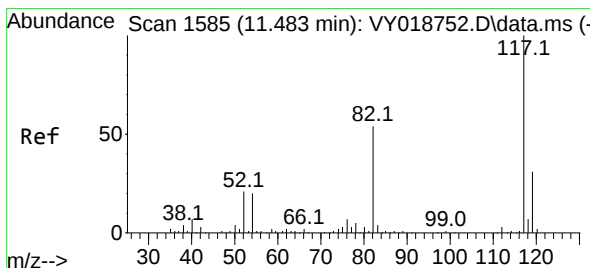
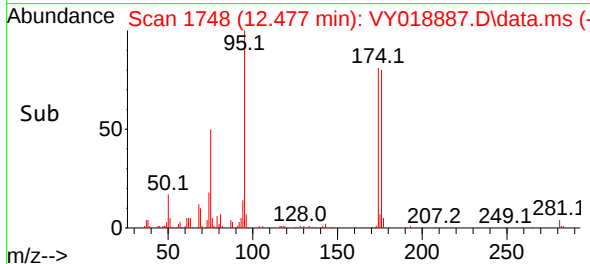
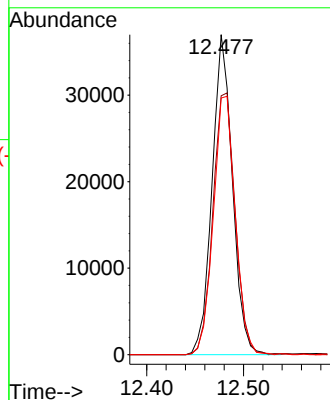
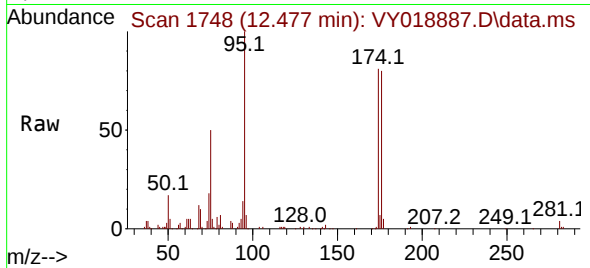




#62
4-Bromofluorobenzene
Concen: 41.232 ug/l
RT: 12.477 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY018887.D
Acq: 22 Jul 2024 13:31

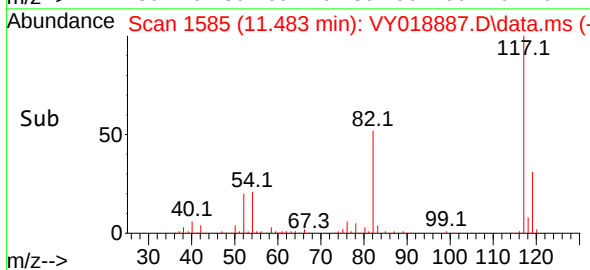
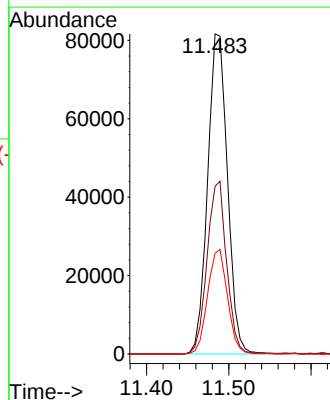
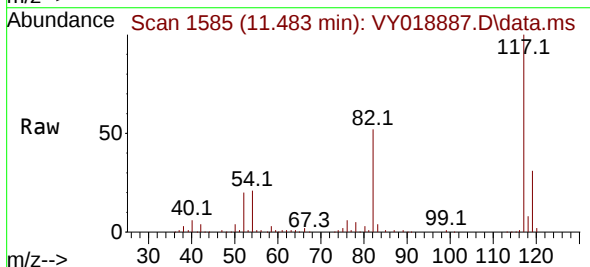
Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBL01

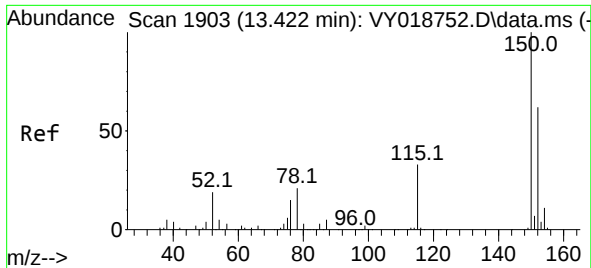
Tgt Ion: 95 Resp: 53982
Ion Ratio Lower Upper
95 100
174 89.7 0.0 175.6
176 87.2 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.000 min
Lab File: VY018887.D
Acq: 22 Jul 2024 13:31

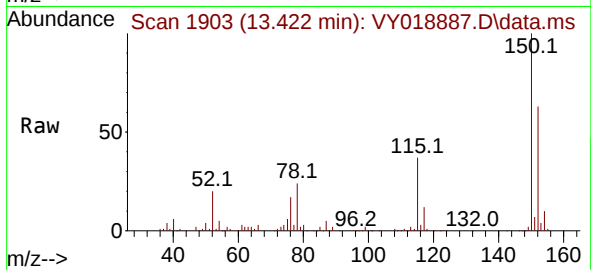
Tgt Ion: 117 Resp: 136924
Ion Ratio Lower Upper
117 100
82 52.4 42.4 63.6
119 31.4 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY018887.D
 Acq: 22 Jul 2024 13:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0722SBL01



Tgt Ion:152 Resp: 65817
 Ion Ratio Lower Upper
 152 100
 115 58.4 28.2 84.7
 150 158.9 0.0 345.6

