

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060524\
 Data File : VY018481.D
 Acq On : 05 Jun 2024 13:46
 Operator : SY/MD
 Sample : VY0605SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBL01

Quant Time: Jun 06 05:54:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

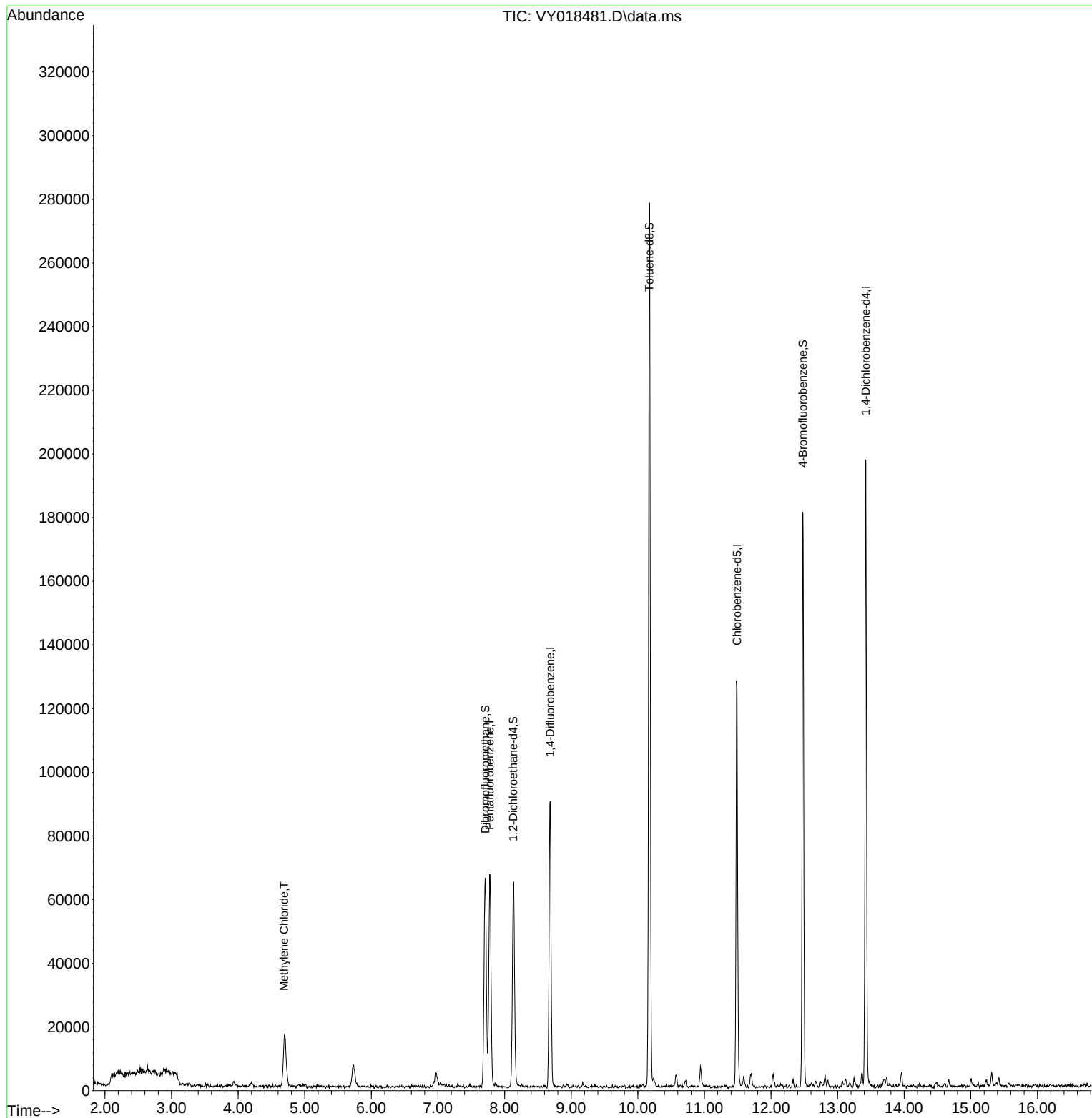
Internal Standards						
1) Pentafluorobenzene	7.777	168	46745	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	75755	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	66837	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	44269	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	46989	51.186	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.380%
35) Dibromofluoromethane	7.710	113	46945	48.869	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.740%
50) Toluene-d8	10.173	98	181441	47.478	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.960%
62) 4-Bromofluorobenzene	12.477	95	52719	44.306	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.620%
Target Compounds						Qvalue
20) Methylene Chloride	4.692	84	12076	7.780	ug/l	91

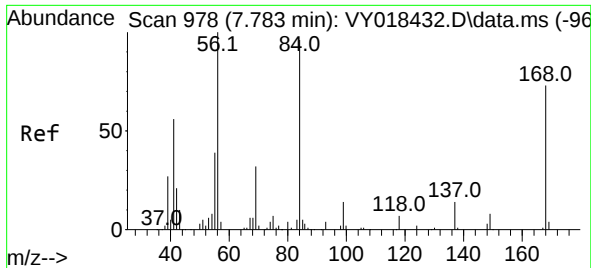
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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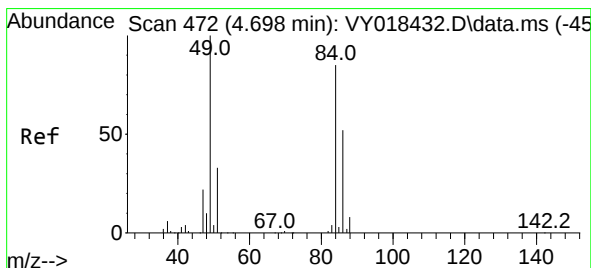
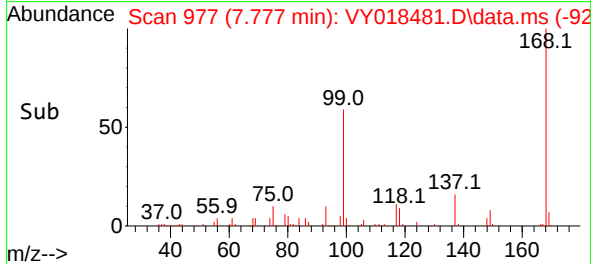
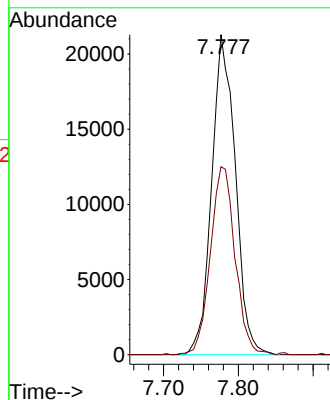
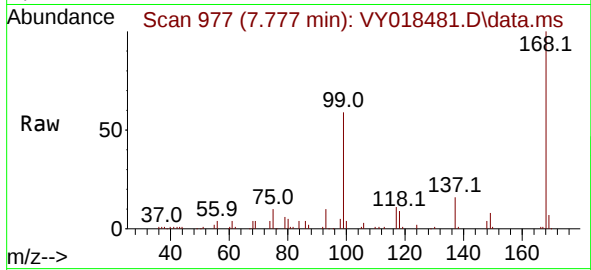




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018481.D
Acq: 05 Jun 2024 13:46

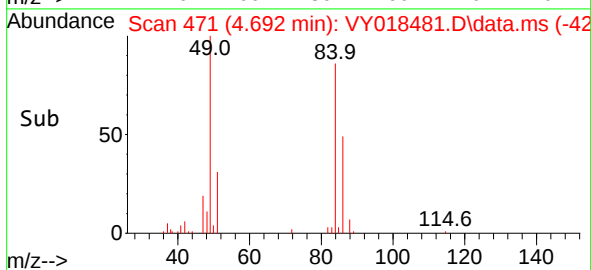
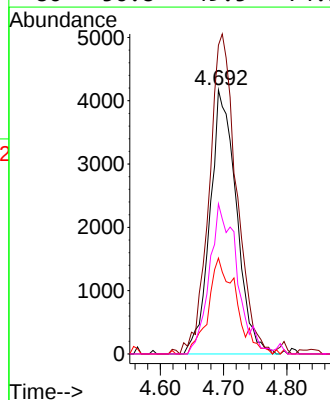
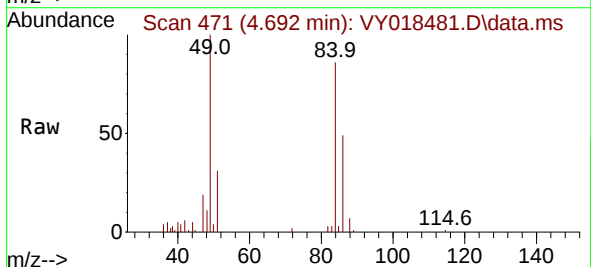
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBL01

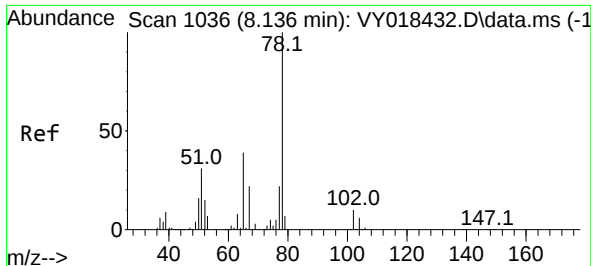
Tgt Ion:168 Resp: 46745
Ion Ratio Lower Upper
168 100
99 58.4 39.1 58.7



#20
Methylene Chloride
Concen: 7.780 ug/l
RT: 4.692 min Scan# 471
Delta R.T. -0.006 min
Lab File: VY018481.D
Acq: 05 Jun 2024 13:46

Tgt Ion: 84 Resp: 12076
Ion Ratio Lower Upper
84 100
49 116.9 84.4 126.6
51 36.3 26.0 39.0
86 56.8 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 51.186 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY018481.D

Acq: 05 Jun 2024 13:46

Instrument :

MSVOA_Y

ClientSampleId :

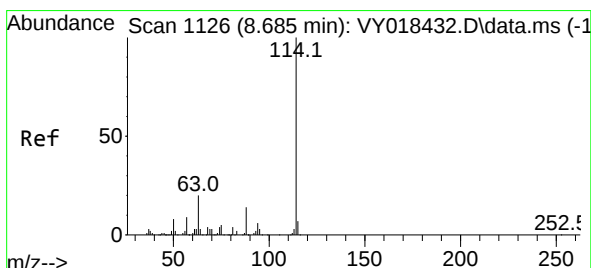
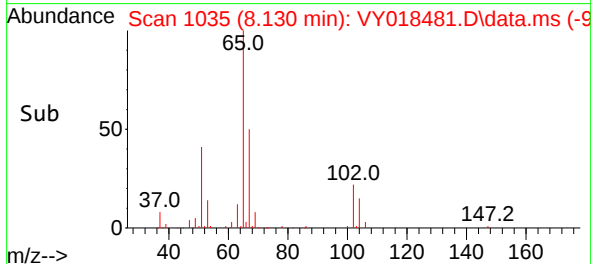
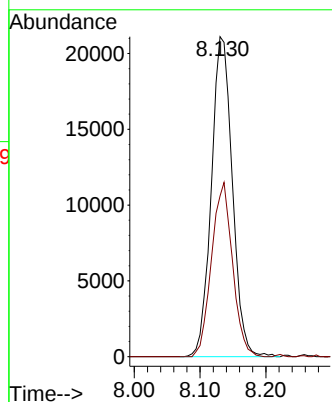
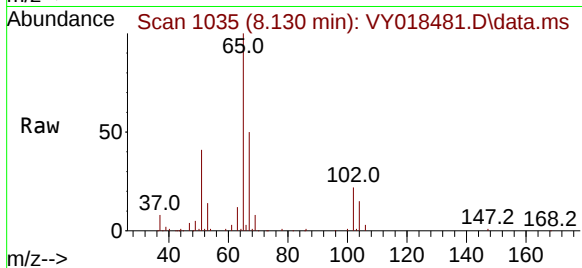
VY0605SBL01

Tgt Ion: 65 Resp: 46989

Ion Ratio Lower Upper

65 100

67 54.3 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: VY018481.D

Acq: 05 Jun 2024 13:46

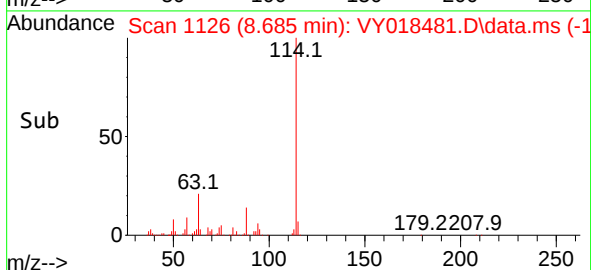
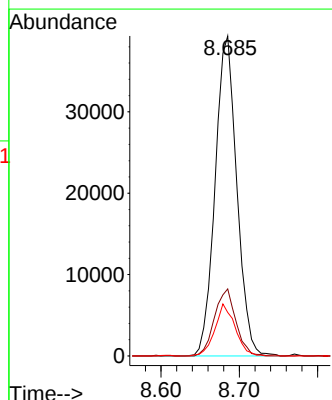
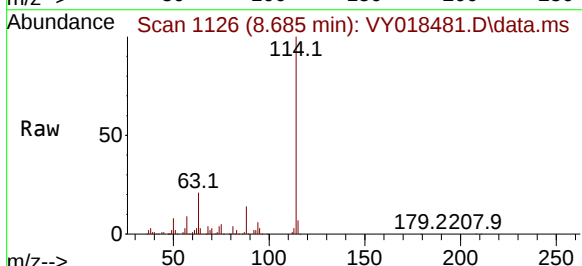
Tgt Ion: 114 Resp: 75755

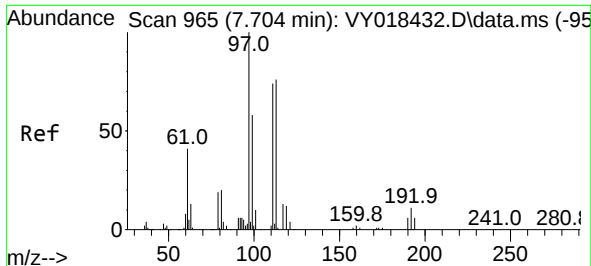
Ion Ratio Lower Upper

114 100

63 20.9 0.0 35.0

88 13.6 0.0 27.2

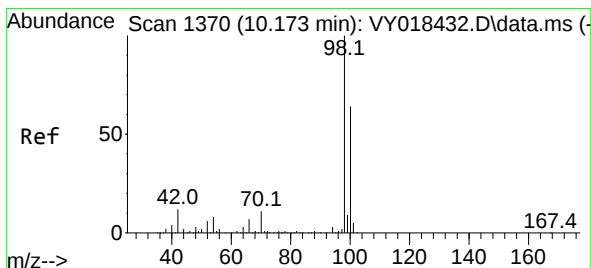
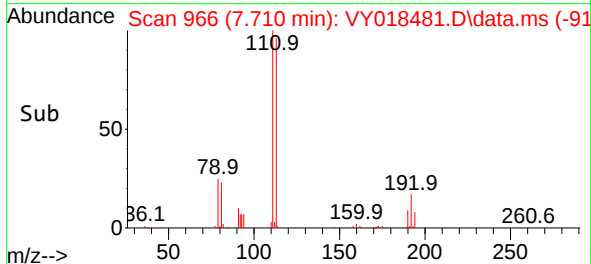
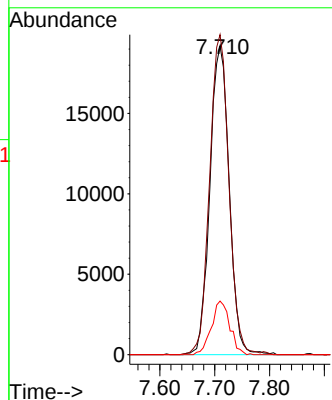
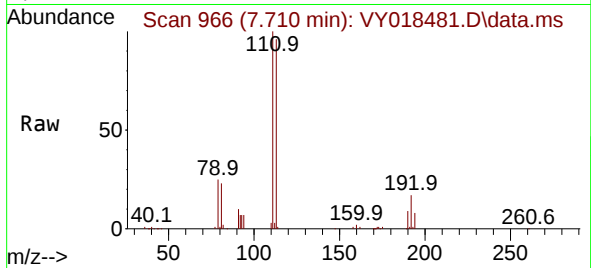




#35
Dibromofluoromethane
Concen: 48.869 ug/l
RT: 7.710 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY018481.D
Acq: 05 Jun 2024 13:46

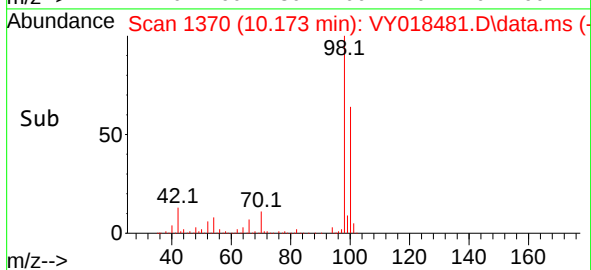
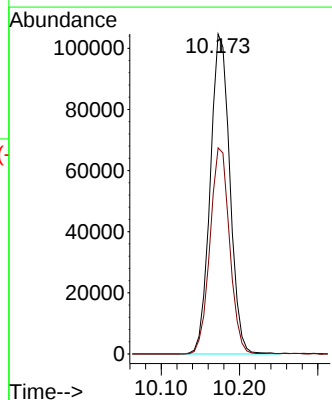
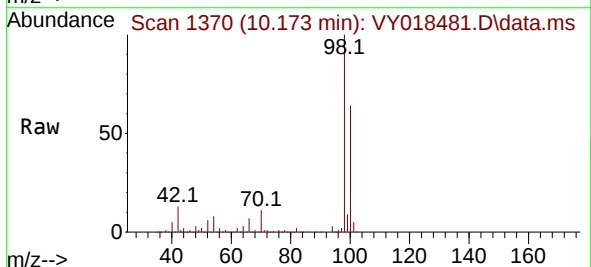
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBL01

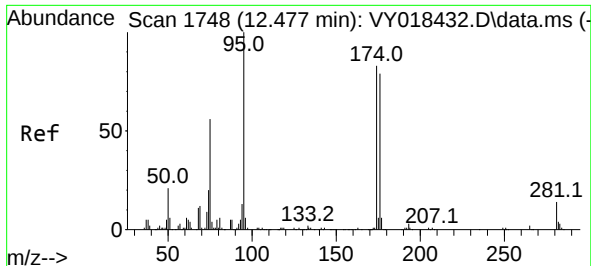
Tgt Ion:113 Resp: 46945
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 16.6 15.9 23.9



#50
Toluene-d8
Concen: 47.478 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY018481.D
Acq: 05 Jun 2024 13:46

Tgt Ion: 98 Resp: 181441
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0

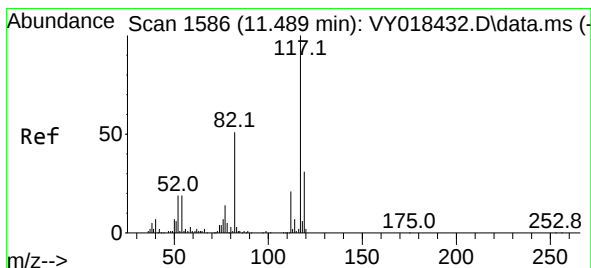
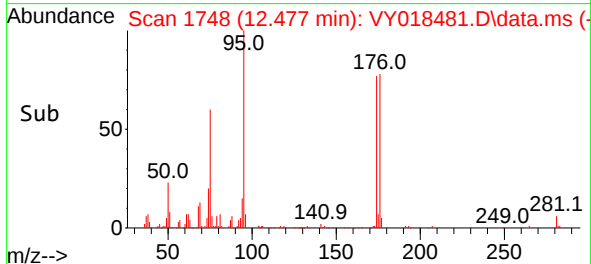
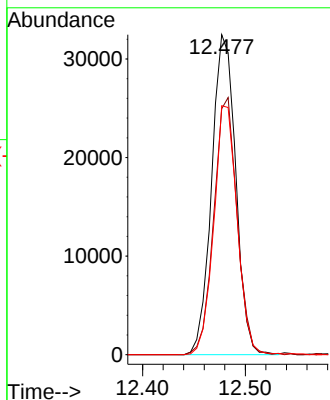
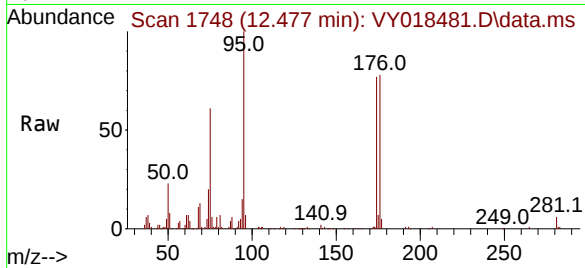




#62
4-Bromofluorobenzene
Concen: 44.306 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018481.D
Acq: 05 Jun 2024 13:46

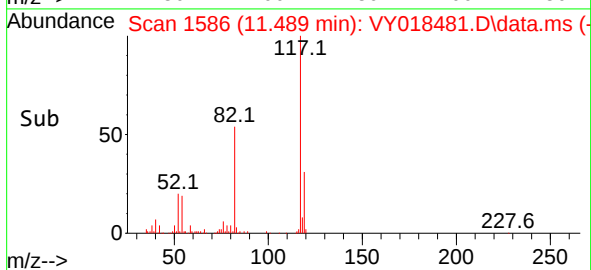
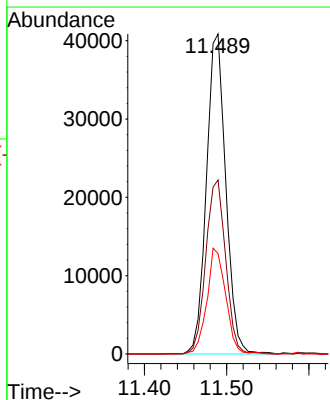
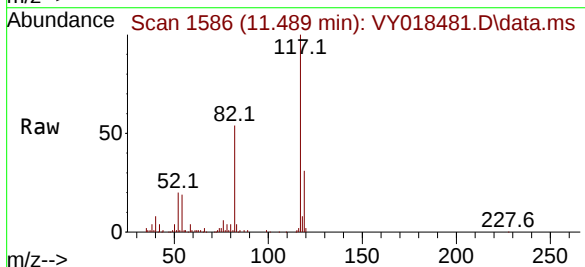
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBL01

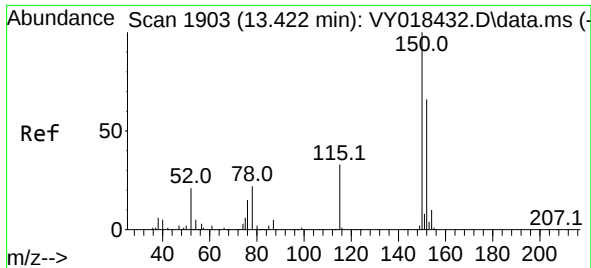
Tgt Ion: 95 Resp: 52719
Ion Ratio Lower Upper
95 100
174 77.8 0.0 175.6
176 75.8 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY018481.D
Acq: 05 Jun 2024 13:46

Tgt Ion: 117 Resp: 66837
Ion Ratio Lower Upper
117 100
82 54.4 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: VY018481.D

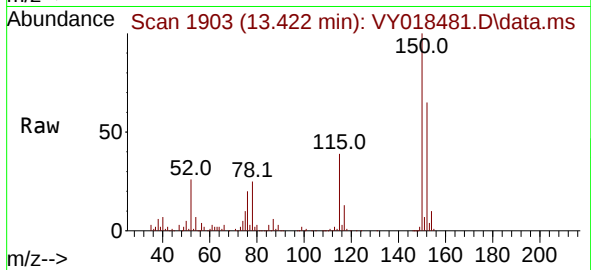
Acq: 05 Jun 2024 13:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBL01



Tgt Ion:152 Resp: 44269

Ion Ratio Lower Upper

152 100

115 58.7 28.2 84.7

150 159.2 0.0 345.6

