

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102424\
 Data File : VY020005.D
 Acq On : 24 Oct 2024 12:36
 Operator : SY/MD
 Sample : P4473-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TS-1

Quant Time: Oct 24 14:35:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

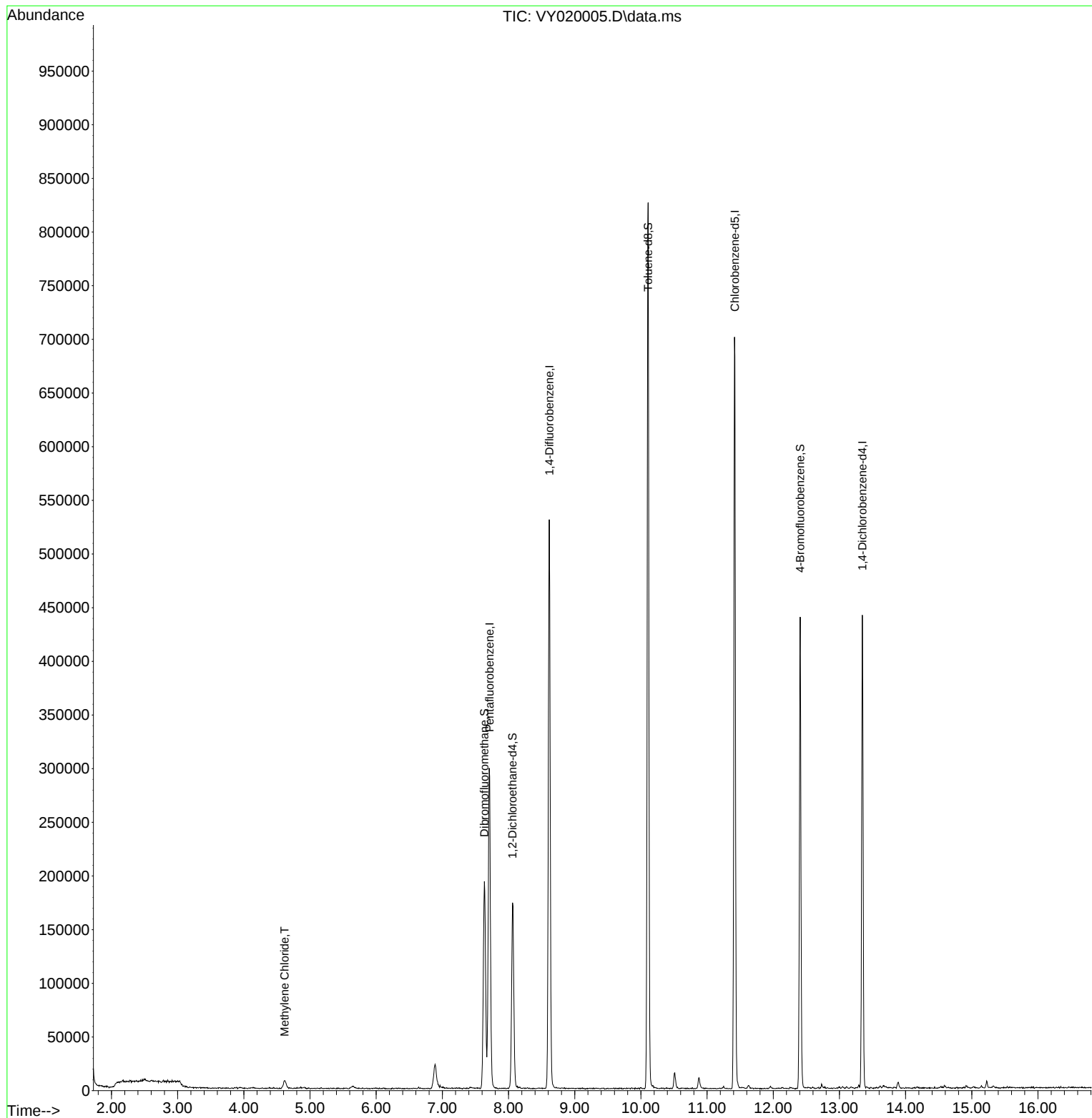
Internal Standards						
1) Pentafluorobenzene	7.713	168	210153	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	419528	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	347384	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	98425	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	135198	52.248	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.500%
35) Dibromofluoromethane	7.634	113	134985	48.759	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.520%
50) Toluene-d8	10.109	98	515427	50.416	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.840%
62) 4-Bromofluorobenzene	12.407	95	130372	35.293	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	70.580%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.616	84	4907	1.184	ug/l	# 73

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

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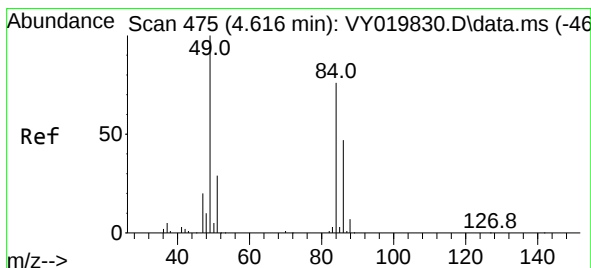
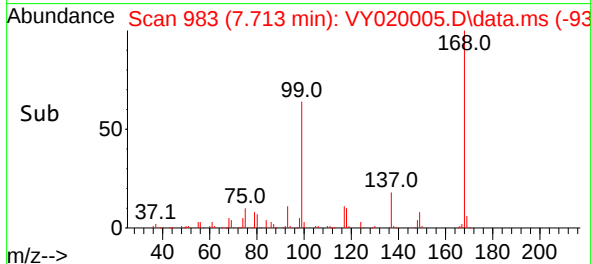
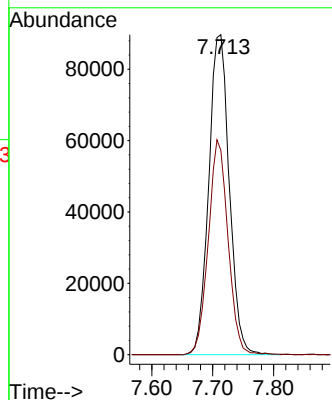
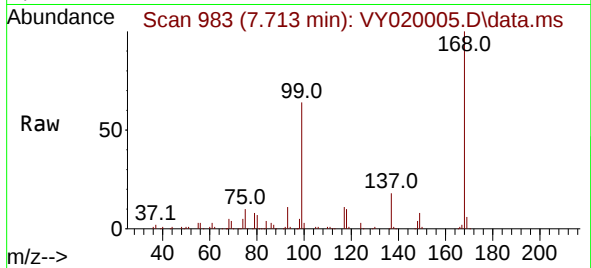




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020005.D
Acq: 24 Oct 2024 12:36

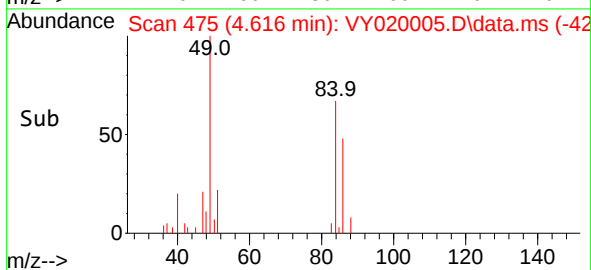
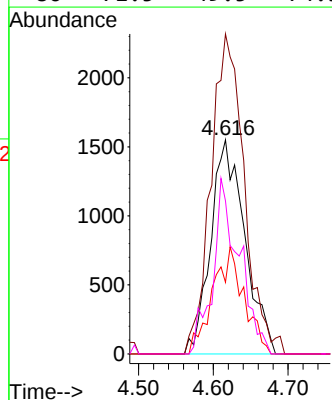
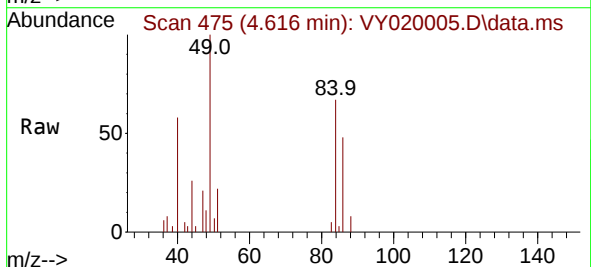
Instrument :
MSVOA_Y
ClientSampleId :
TS-1

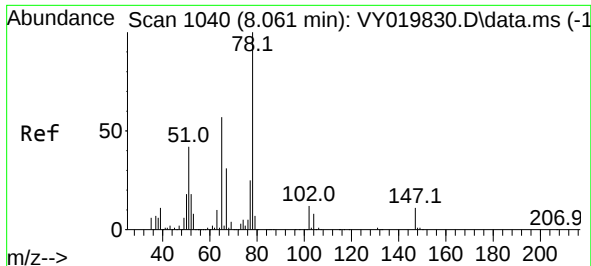
Tgt Ion:168 Resp: 210153
Ion Ratio Lower Upper
168 100
99 63.9 39.1 58.7#



#20
Methylene Chloride
Concen: 1.184 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY020005.D
Acq: 24 Oct 2024 12:36

Tgt Ion: 84 Resp: 4907
Ion Ratio Lower Upper
84 100
49 149.5 84.4 126.6#
51 33.5 26.0 39.0
86 71.5 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 52.248 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020005.D

Acq: 24 Oct 2024 12:36

Instrument :

MSVOA_Y

ClientSampleId :

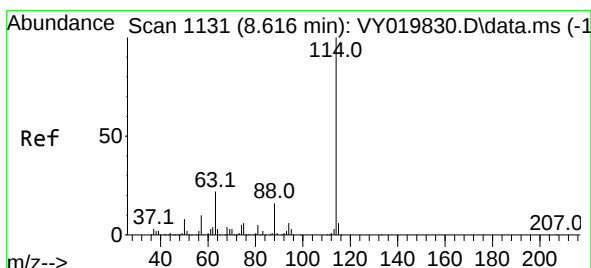
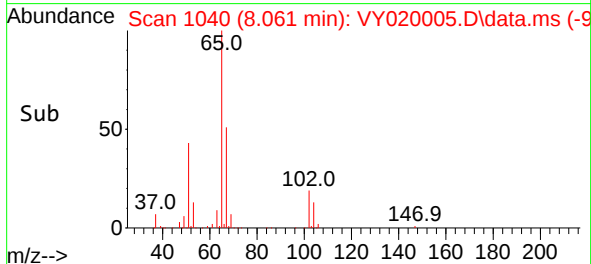
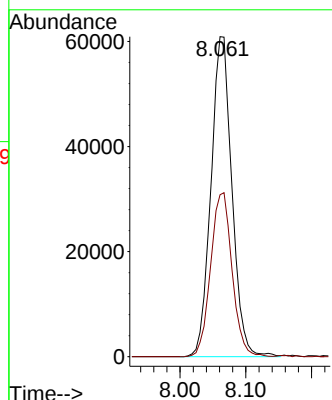
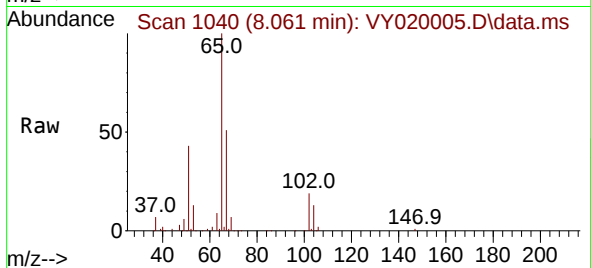
TS-1

Tgt Ion: 65 Resp: 135198

Ion Ratio Lower Upper

65 100

67 52.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020005.D

Acq: 24 Oct 2024 12:36

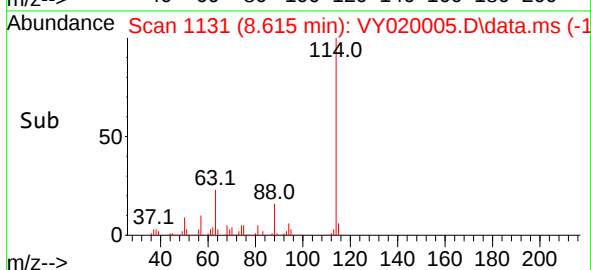
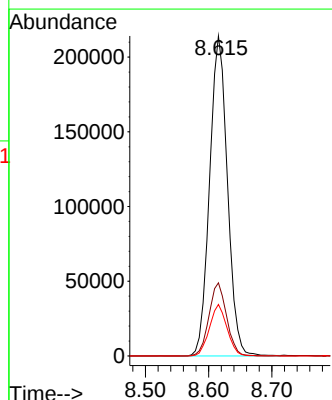
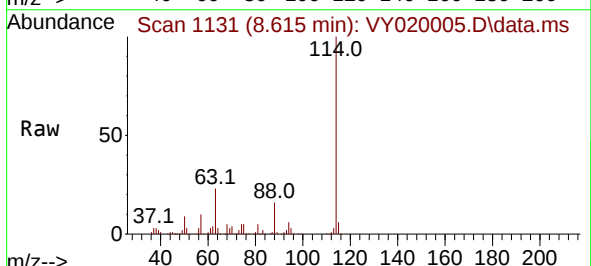
Tgt Ion: 114 Resp: 419528

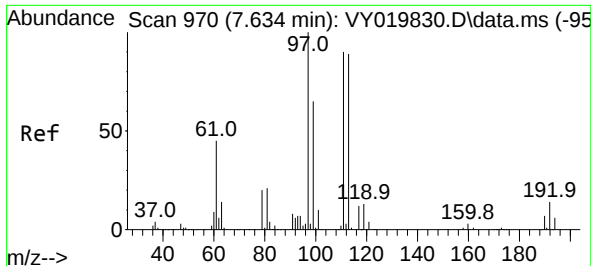
Ion Ratio Lower Upper

114 100

63 22.8 0.0 35.0

88 16.1 0.0 27.2





#35

Dibromofluoromethane

Concen: 48.759 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY020005.D

Acq: 24 Oct 2024 12:36

Instrument :

MSVOA_Y

ClientSampleId :

TS-1

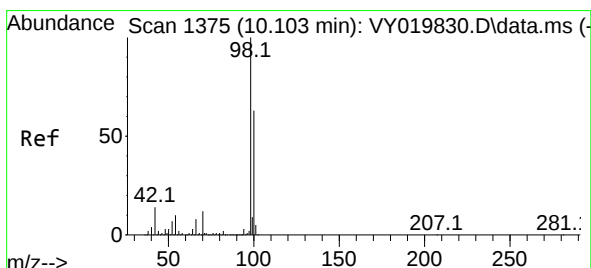
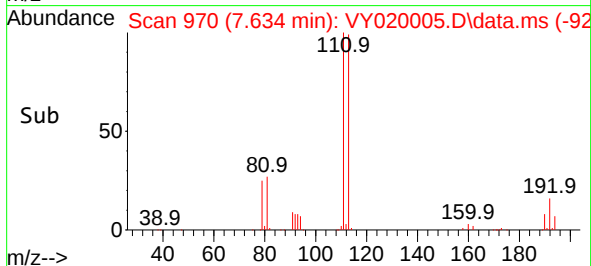
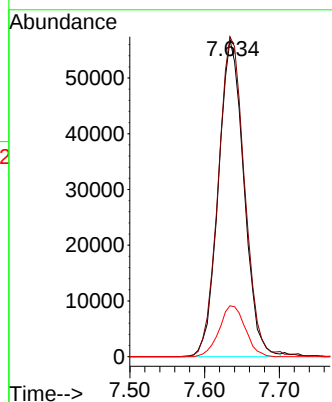
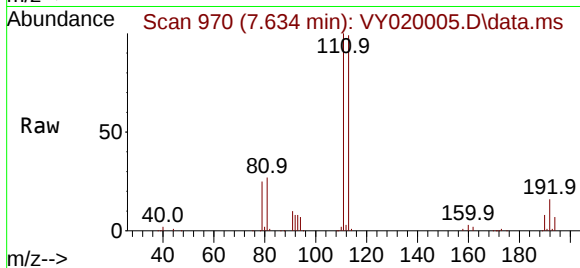
Tgt Ion:113 Resp: 134985

Ion Ratio Lower Upper

113 100

111 104.7 82.2 123.4

192 16.4 15.9 23.9



#50

Toluene-d8

Concen: 50.416 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020005.D

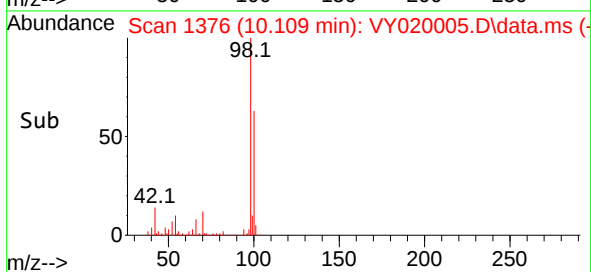
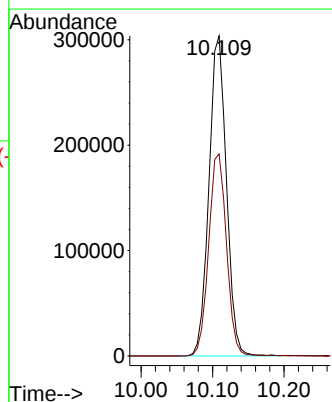
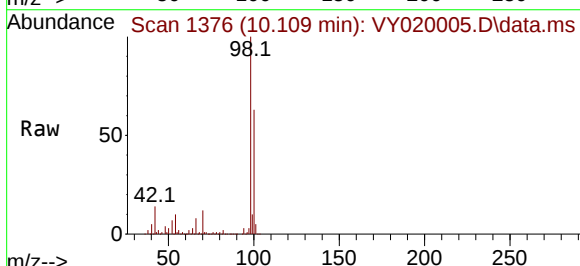
Acq: 24 Oct 2024 12:36

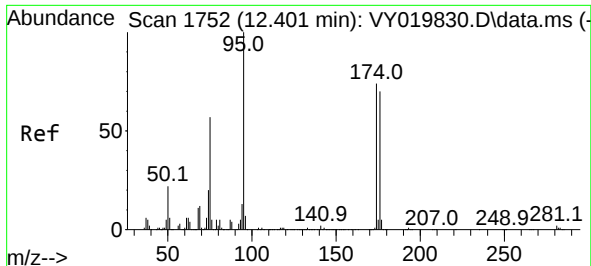
Tgt Ion: 98 Resp: 515427

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0

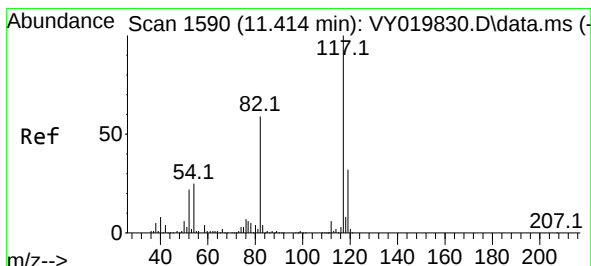
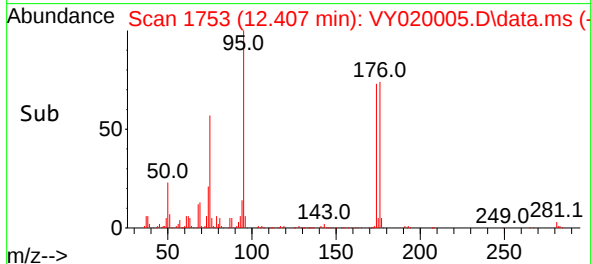
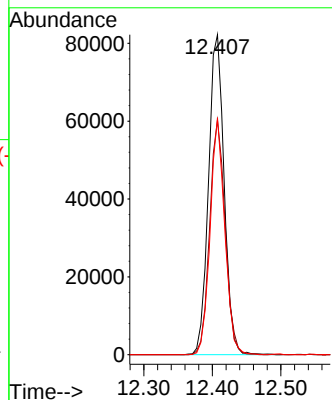
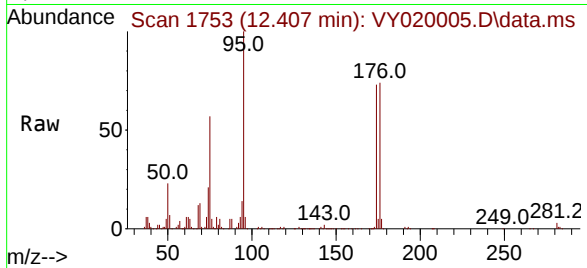




#62
4-Bromofluorobenzene
Concen: 35.293 ug/l
RT: 12.407 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY020005.D
Acq: 24 Oct 2024 12:36

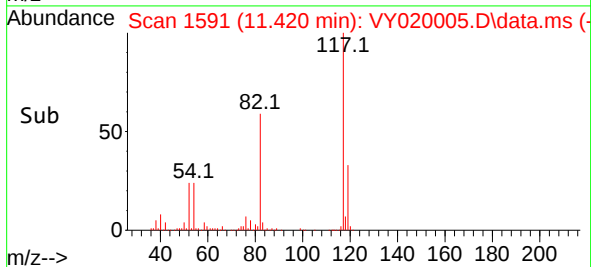
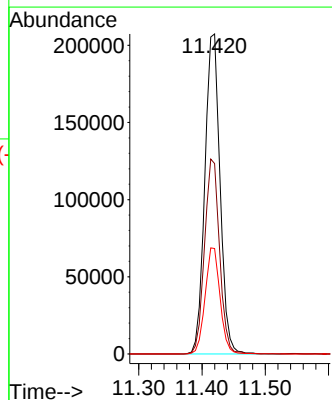
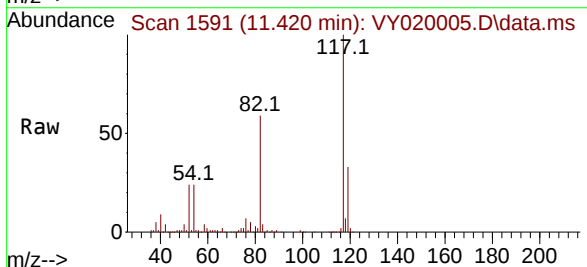
Instrument :
MSVOA_Y
ClientSampleId :
TS-1

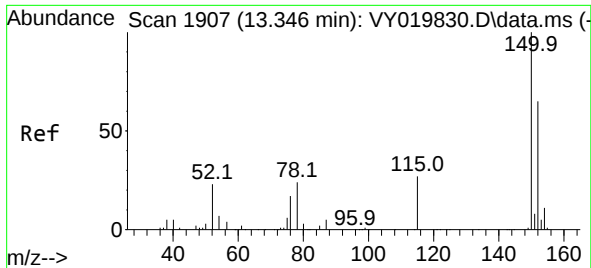
Tgt Ion: 95 Resp: 130372
Ion Ratio Lower Upper
95 100
174 72.9 0.0 175.6
176 68.9 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY020005.D
Acq: 24 Oct 2024 12:36

Tgt Ion: 117 Resp: 347384
Ion Ratio Lower Upper
117 100
82 59.5 42.4 63.6
119 33.0 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020005.D

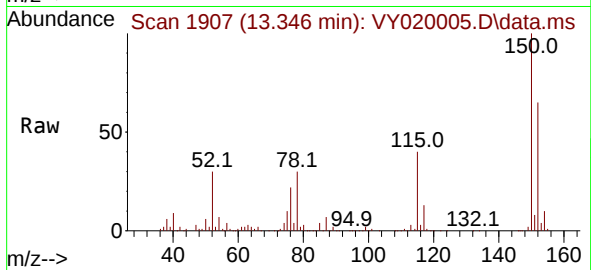
Acq: 24 Oct 2024 12:36

Instrument :

MSVOA_Y

ClientSampleId :

TS-1



Tgt Ion:152 Resp: 98425

Ion Ratio Lower Upper

152 100

115 61.3 28.2 84.7

150 155.1 0.0 345.6

