

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032425\
 Data File : VY021622.D
 Acq On : 24 Mar 2025 16:48
 Operator : SY/MD
 Sample : Q1633-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SLG

Quant Time: Mar 25 01:31:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

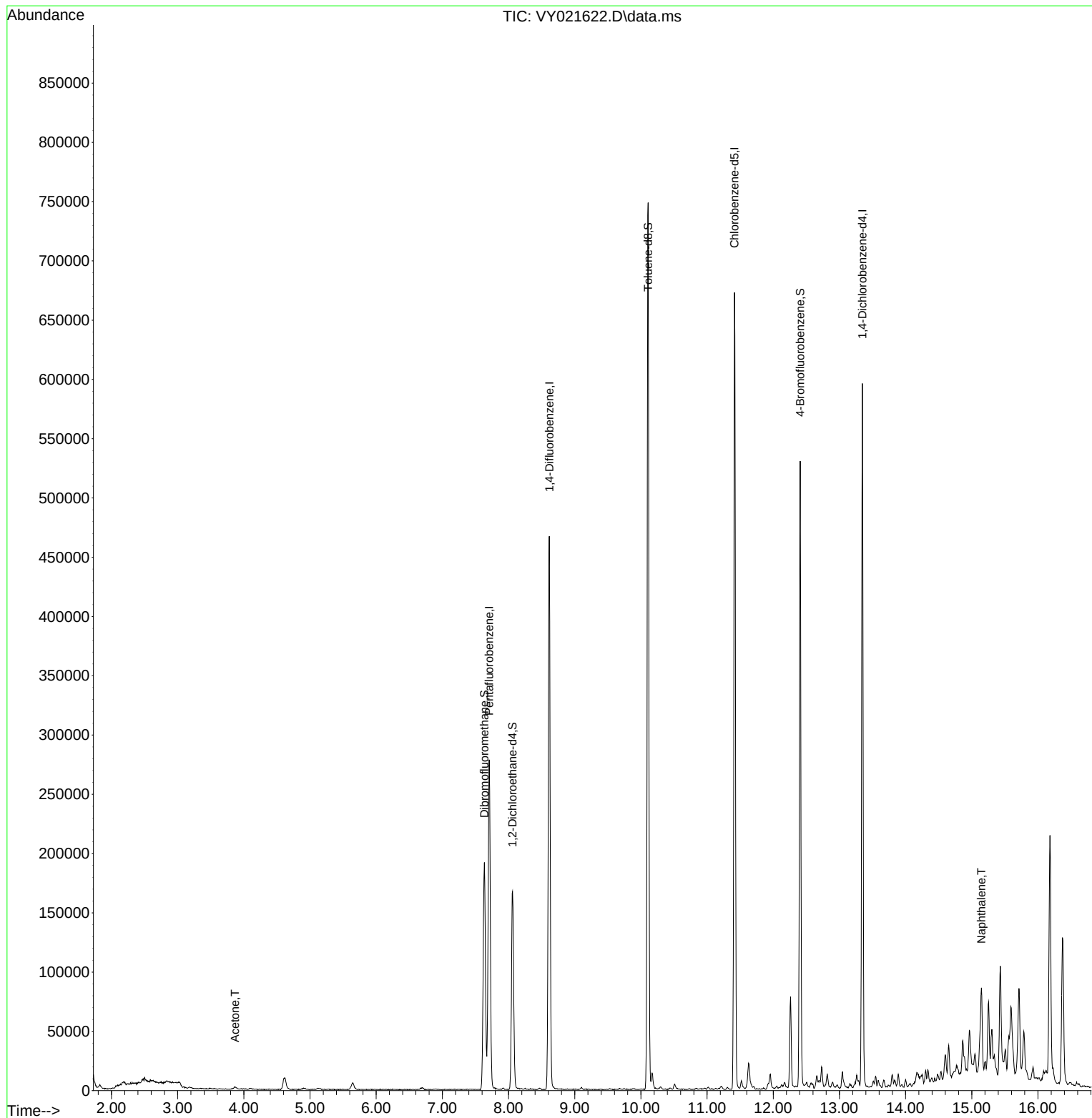
Internal Standards						
1) Pentafluorobenzene	7.707	168	206390	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	381937	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	348500	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	138061	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	134165	61.504	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.000%
35) Dibromofluoromethane	7.634	113	134286	53.489	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.980%
50) Toluene-d8	10.109	98	474418	49.909	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.820%
62) 4-Bromofluorobenzene	12.408	95	152100	47.040	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.080%
Target Compounds						Qvalue
16) Acetone	3.866	43	3251	6.833	ug/l	93
95) Naphthalene	15.145	128	42699	12.611	ug/l	96

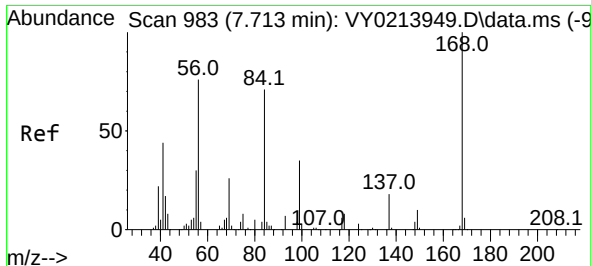
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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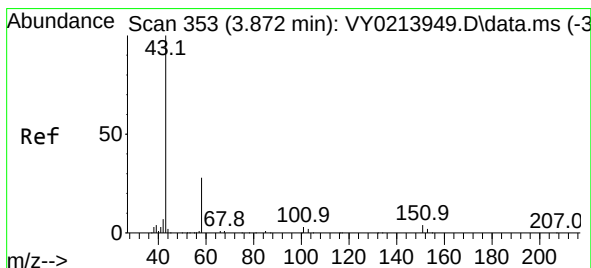
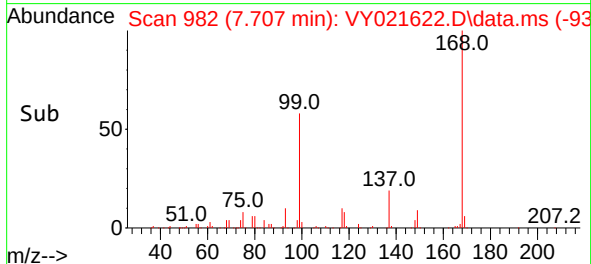
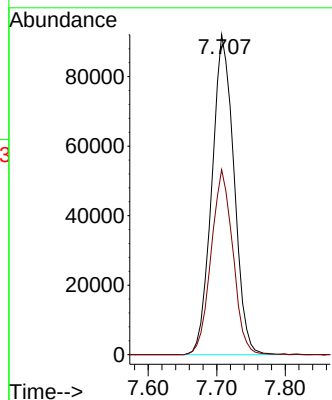
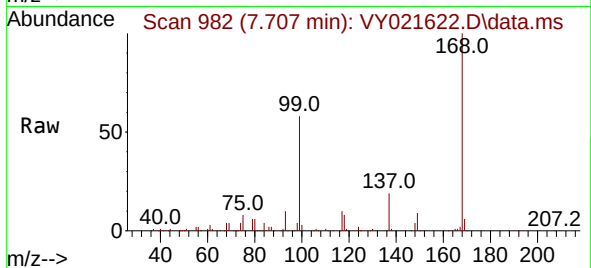




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021622.D
Acq: 24 Mar 2025 16:48

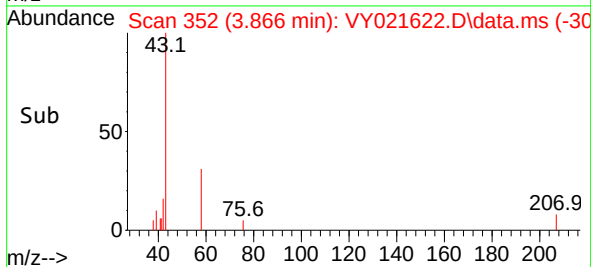
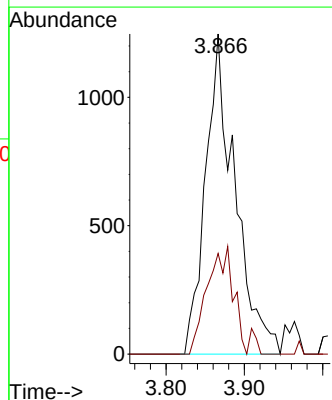
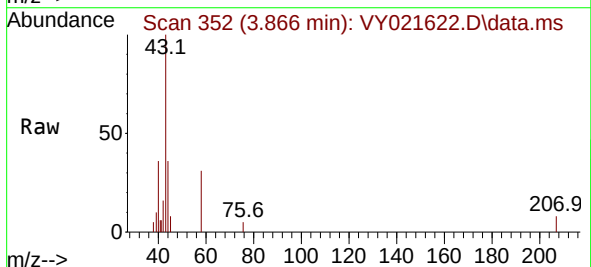
Instrument :
MSVOA_Y
ClientSampleId :
SLG

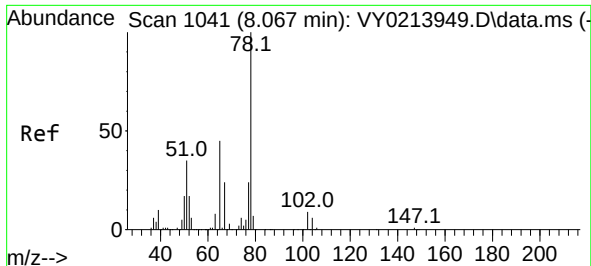
Tgt Ion:168 Resp: 206390
Ion Ratio Lower Upper
168 100
99 57.8 46.0 69.0



#16
Acetone
Concen: 6.833 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021622.D
Acq: 24 Mar 2025 16:48

Tgt Ion: 43 Resp: 3251
Ion Ratio Lower Upper
43 100
58 31.4 22.1 33.1





#33

1,2-Dichloroethane-d4

Concen: 61.504 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021622.D

Acq: 24 Mar 2025 16:48

Instrument :

MSVOA_Y

ClientSampleId :

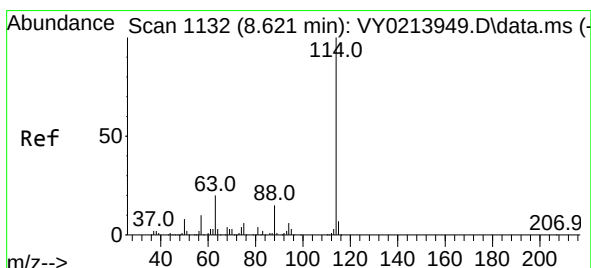
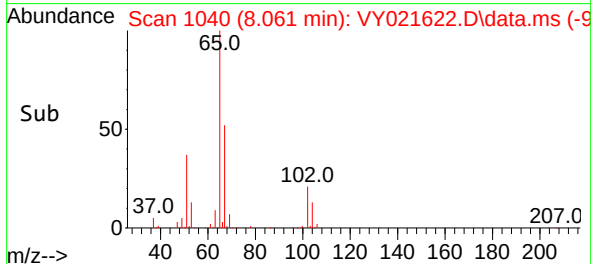
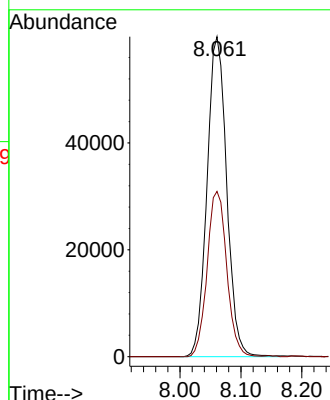
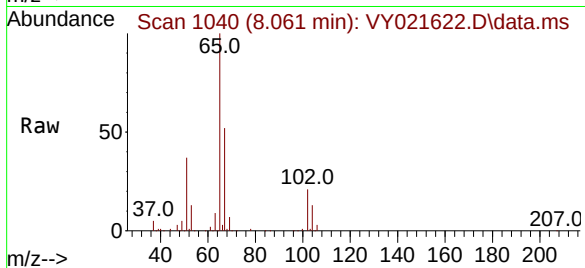
SLG

Tgt Ion: 65 Resp: 134165

Ion Ratio Lower Upper

65 100

67 51.6 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021622.D

Acq: 24 Mar 2025 16:48

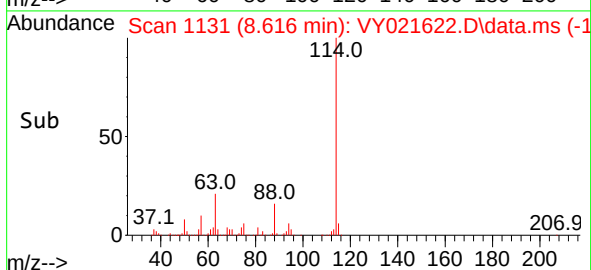
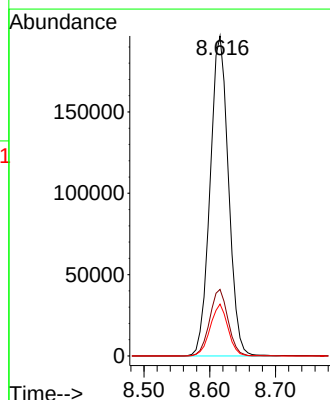
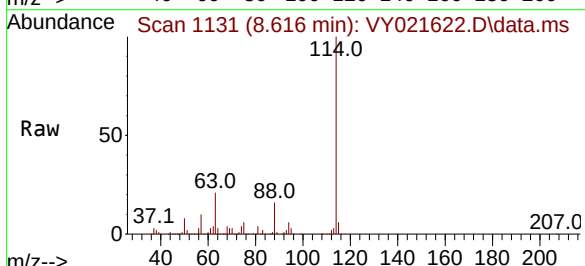
Tgt Ion: 114 Resp: 381937

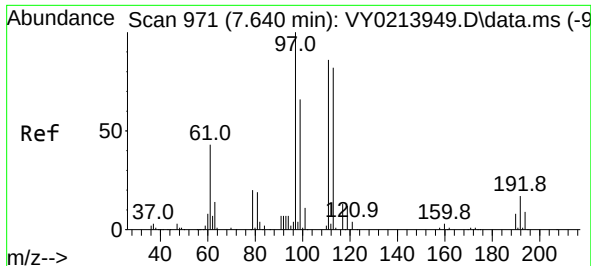
Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.8

88 16.2 0.0 30.8





#35

Dibromofluoromethane

Concen: 53.489 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY021622.D

Acq: 24 Mar 2025 16:48

Instrument :

MSVOA_Y

ClientSampleId :

SLG

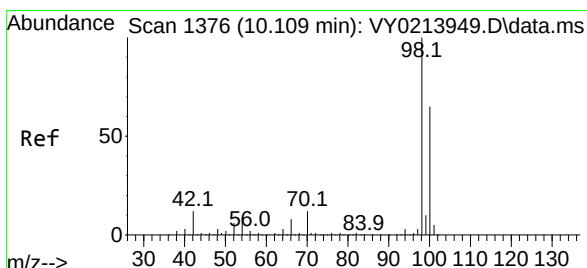
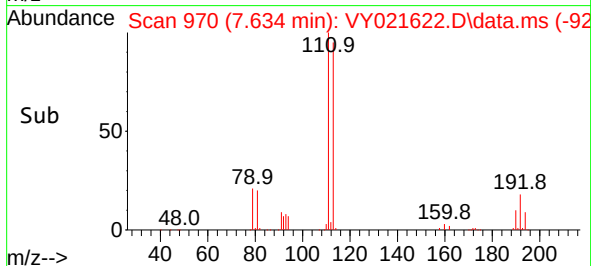
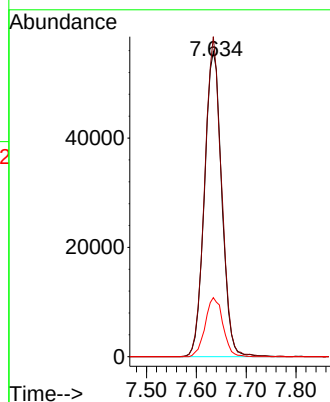
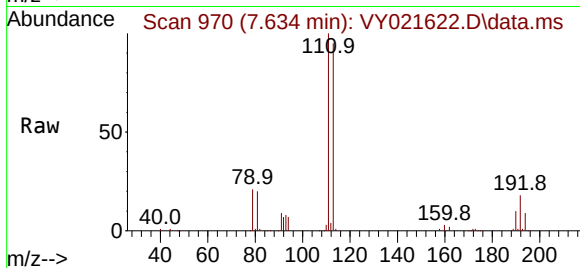
Tgt Ion:113 Resp: 134286

Ion Ratio Lower Upper

113 100

111 102.0 82.0 123.0

192 19.8 15.9 23.9



#50

Toluene-d8

Concen: 49.909 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021622.D

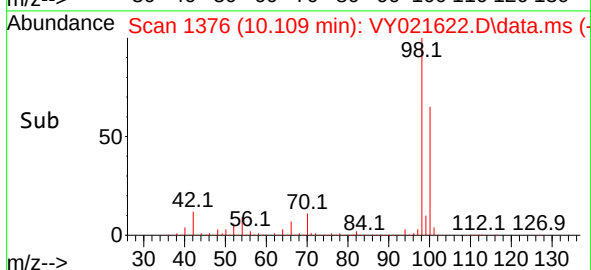
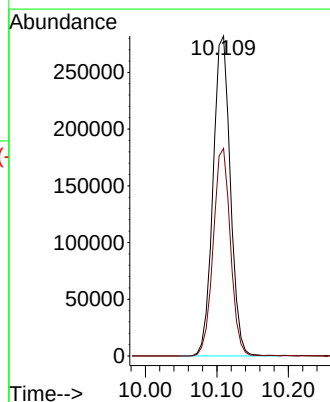
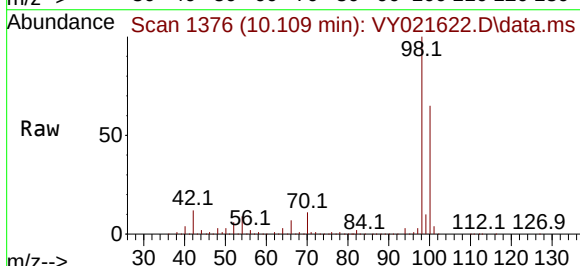
Acq: 24 Mar 2025 16:48

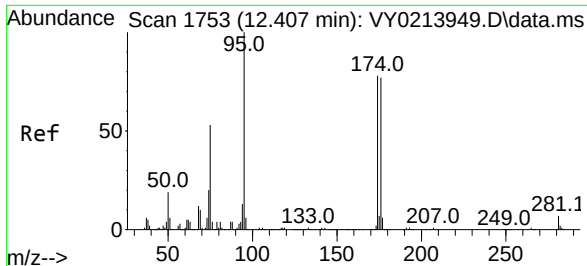
Tgt Ion: 98 Resp: 474418

Ion Ratio Lower Upper

98 100

100 64.4 52.1 78.1

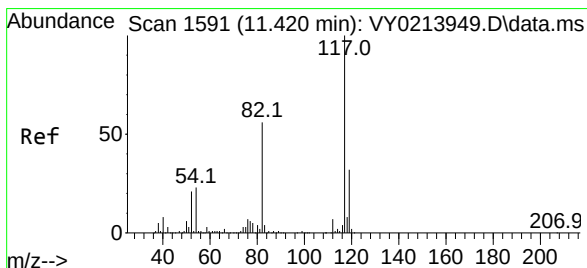
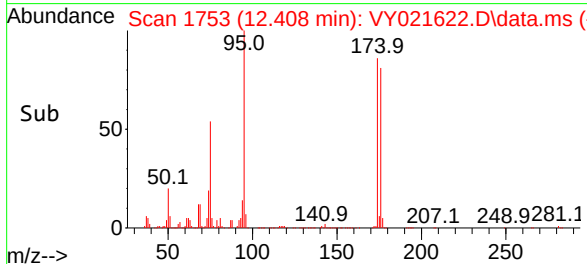
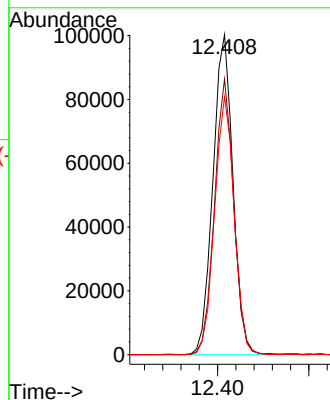
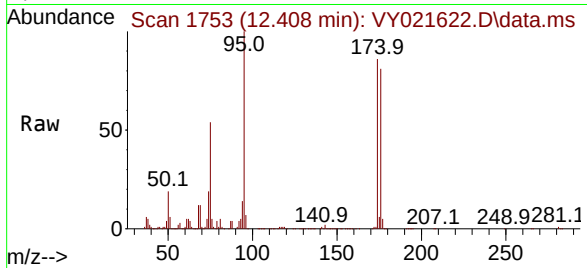




#62
4-Bromofluorobenzene
Concen: 47.040 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021622.D
Acq: 24 Mar 2025 16:48

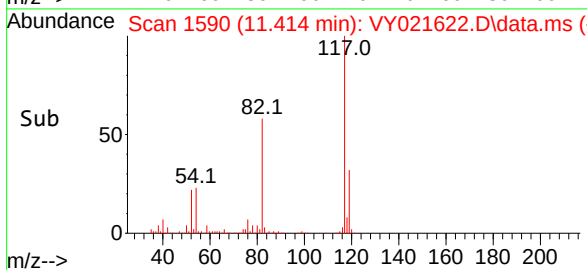
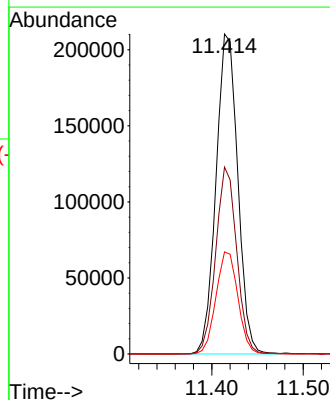
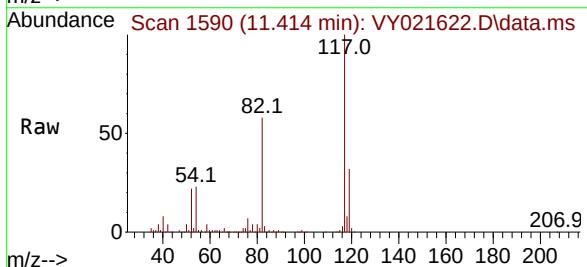
Instrument :
MSVOA_Y
ClientSampleId :
SLG

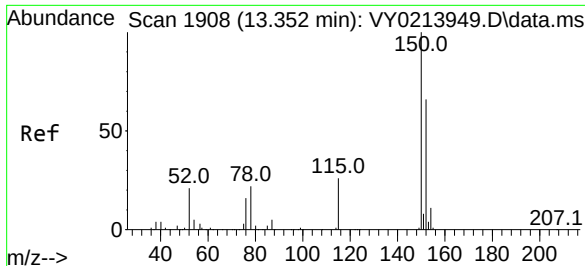
Tgt Ion: 95 Resp: 152100
Ion Ratio Lower Upper
95 100
174 83.5 0.0 165.0
176 79.2 0.0 160.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY021622.D
Acq: 24 Mar 2025 16:48

Tgt Ion: 117 Resp: 348500
Ion Ratio Lower Upper
117 100
82 58.4 44.6 67.0
119 31.9 25.4 38.0

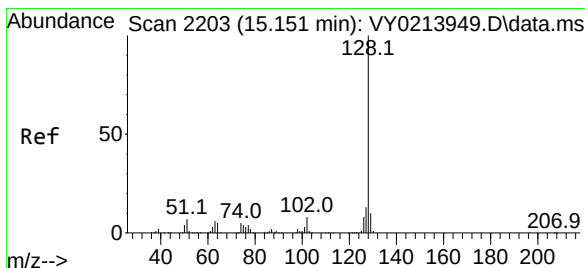
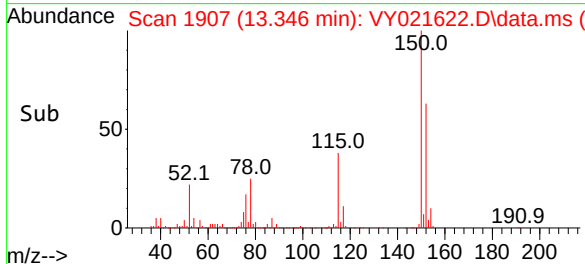
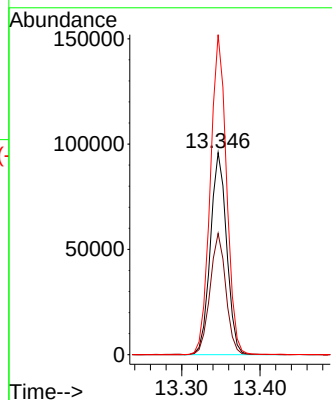
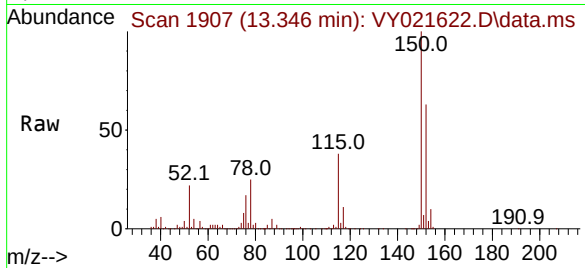




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1908
 Delta R.T. -0.006 min
 Lab File: VY021622.D
 Acq: 24 Mar 2025 16:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 SLG

Tgt Ion:152 Resp: 138061
 Ion Ratio Lower Upper
 152 100
 115 58.7 29.0 87.0
 150 158.1 0.0 347.2



#95
 Naphthalene
 Concen: 12.611 ug/l
 RT: 15.145 min Scan# 2202
 Delta R.T. -0.006 min
 Lab File: VY021622.D
 Acq: 24 Mar 2025 16:48

Tgt Ion:128 Resp: 42699
 Ion Ratio Lower Upper
 128 100
 127 14.9 10.6 15.8
 129 12.1 8.6 13.0

