

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031925\
 Data File : VY021568.D
 Acq On : 19 Mar 2025 14:10
 Operator : SY/MD
 Sample : Q1598-03
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11944

Quant Time: Mar 20 01:30:16 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)

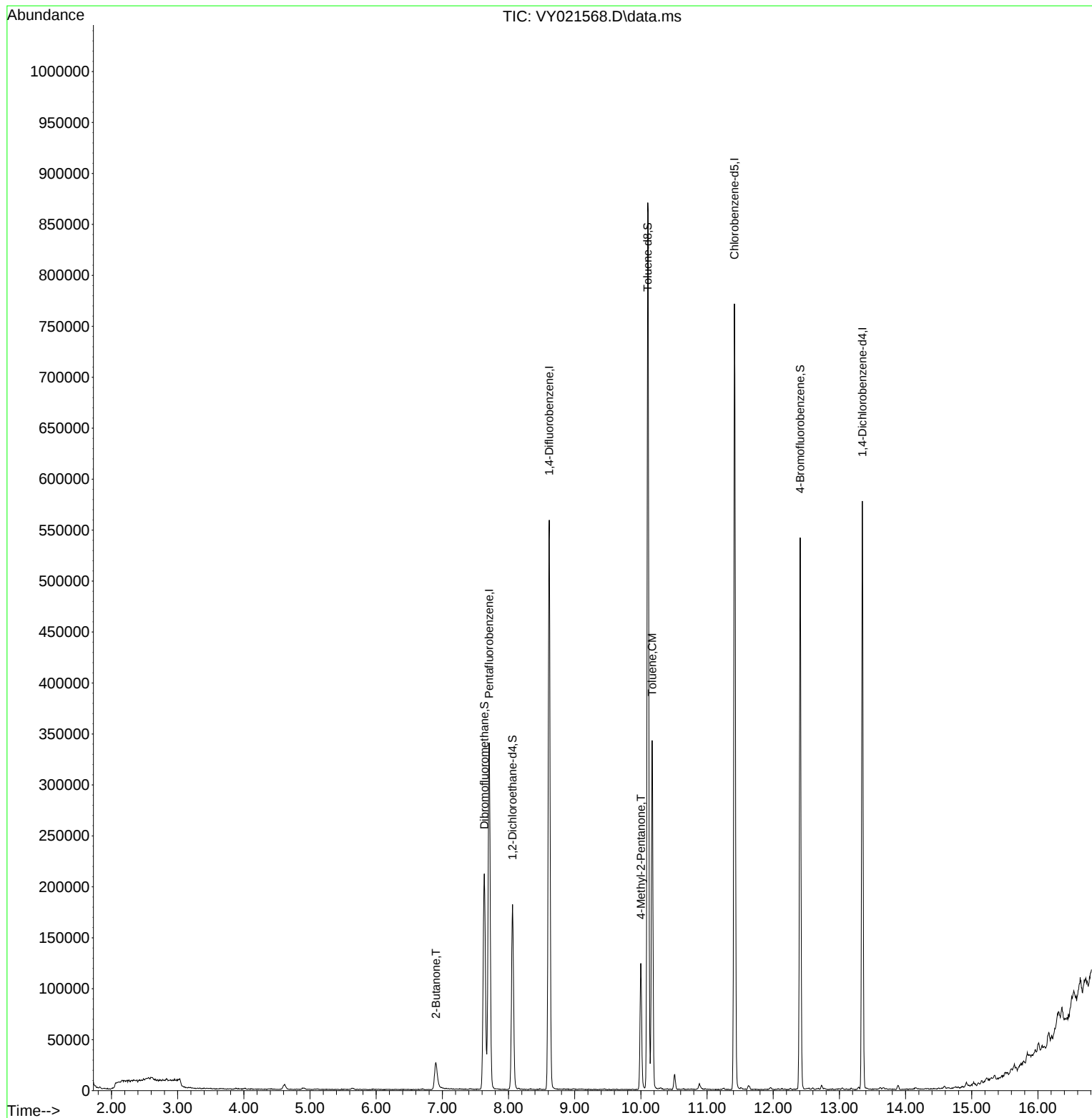
Internal Standards						
1) Pentafluorobenzene	7.707	168	254044	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	456385	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	389374	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	136327	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	140647	52.381	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.760%	
35) Dibromofluoromethane	7.634	113	148070	49.359	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.720%	
50) Toluene-d8	10.103	98	565547	49.791	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.580%	
62) 4-Bromofluorobenzene	12.408	95	156764	40.574	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 81.140%	
Target Compounds						
						Qvalue
25) 2-Butanone	6.903	43	43140	53.251	ug/l	99
51) 4-Methyl-2-Pentanone	10.000	43	78055	37.547	ug/l	98
52) Toluene	10.170	92	135260	15.510	ug/l	100

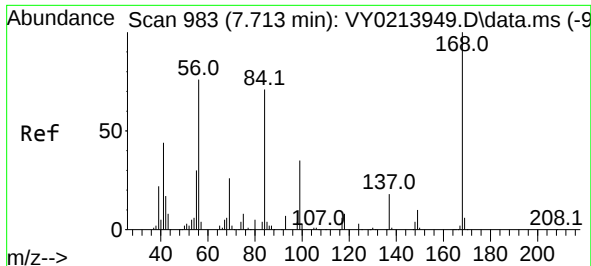
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031925\
Data File : VY021568.D
Acq On : 19 Mar 2025 14:10
Operator : SY/MD
Sample : Q1598-03
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
72-11944

Quant Time: Mar 20 01:30:16 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

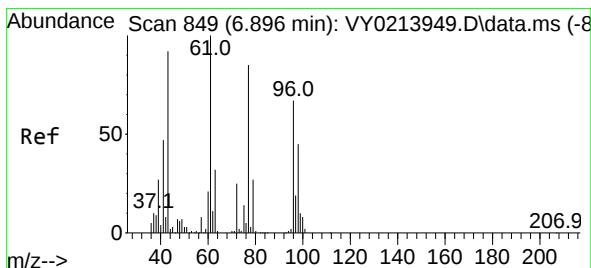
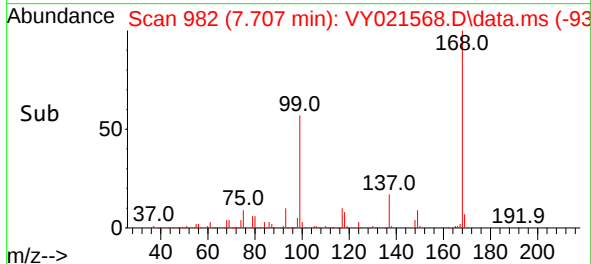
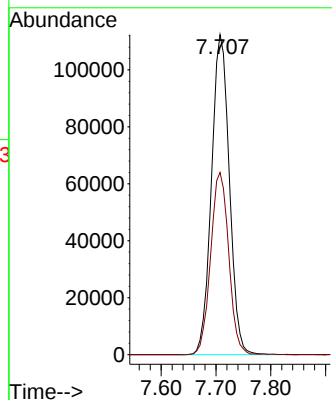
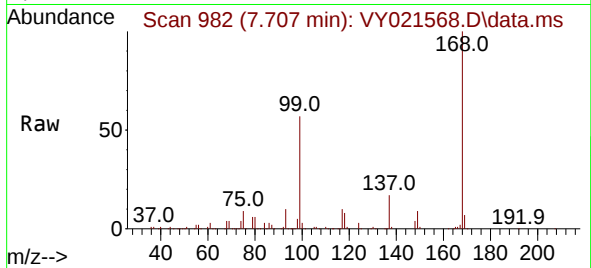




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021568.D
Acq: 19 Mar 2025 14:10

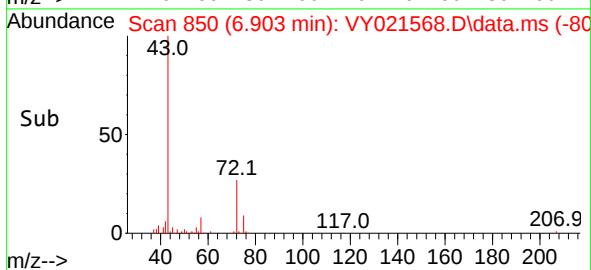
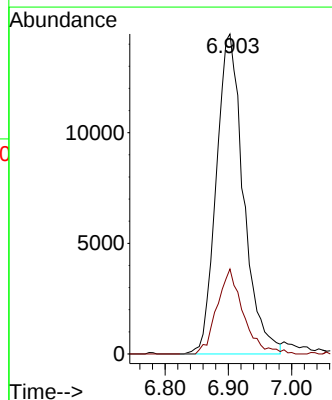
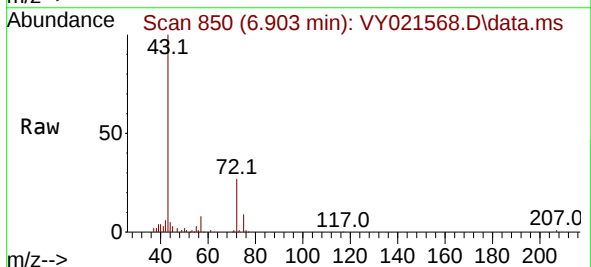
Instrument :
MSVOA_Y
ClientSampleId :
72-11944

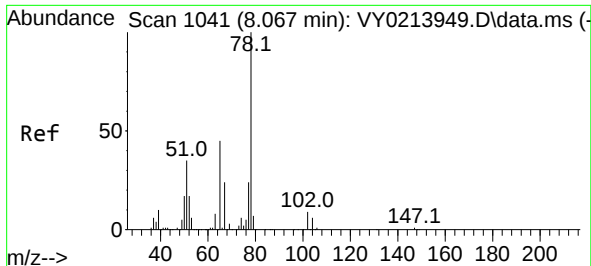
Tgt Ion:168 Resp: 254044
Ion Ratio Lower Upper
168 100
99 56.9 46.0 69.0



#25
2-Butanone
Concen: 53.251 ug/l
RT: 6.903 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY021568.D
Acq: 19 Mar 2025 14:10

Tgt Ion: 43 Resp: 43140
Ion Ratio Lower Upper
43 100
72 26.2 21.4 32.0





#33

1,2-Dichloroethane-d4

Concen: 52.381 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021568.D

Acq: 19 Mar 2025 14:10

Instrument :

MSVOA_Y

ClientSampleId :

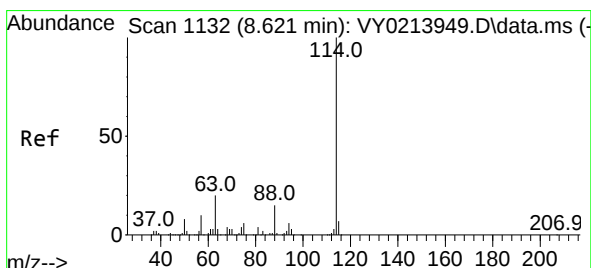
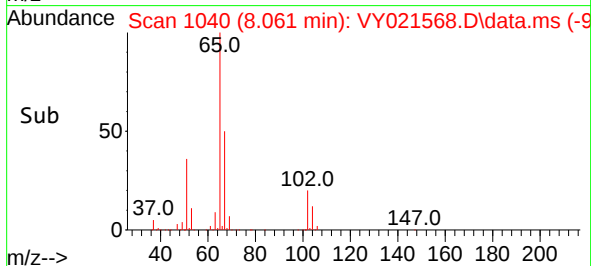
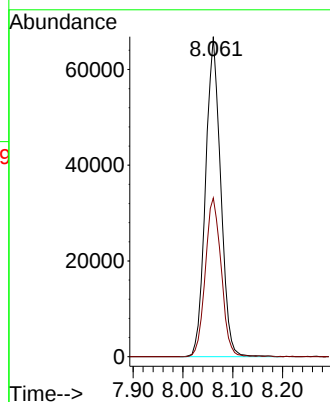
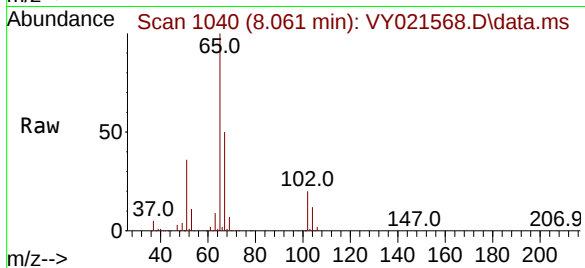
72-11944

Tgt Ion: 65 Resp: 140647

Ion Ratio Lower Upper

65 100

67 52.0 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: VY021568.D

Acq: 19 Mar 2025 14:10

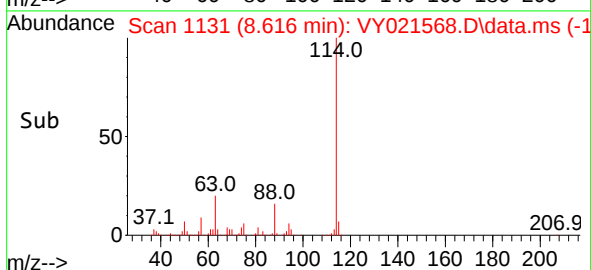
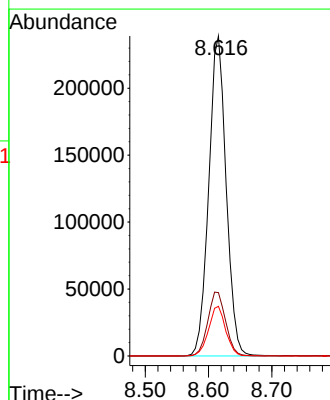
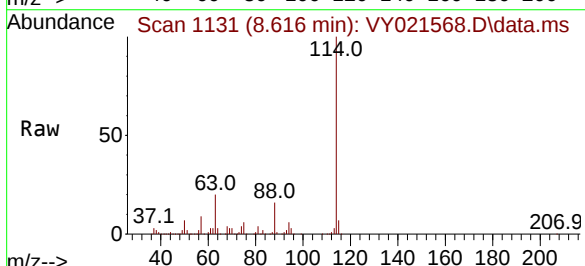
Tgt Ion: 114 Resp: 456385

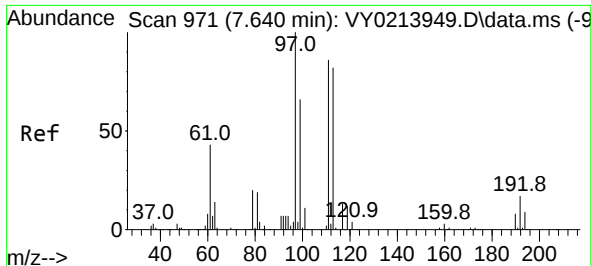
Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.8

88 15.5 0.0 30.8

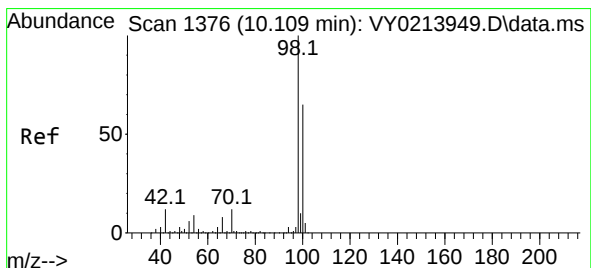
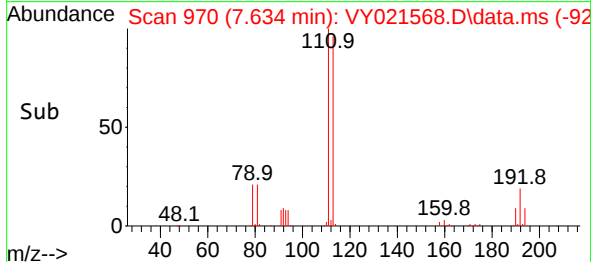
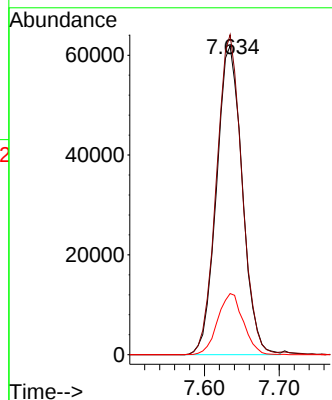
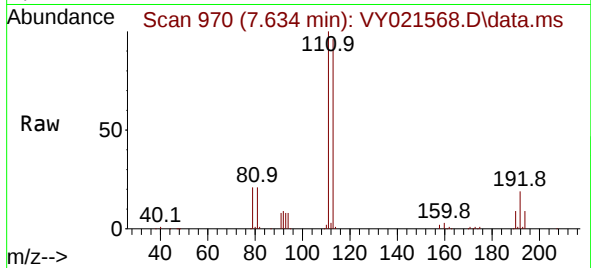




#35
Dibromofluoromethane
Concen: 49.359 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021568.D
Acq: 19 Mar 2025 14:10

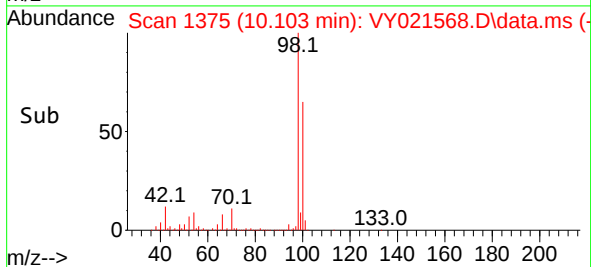
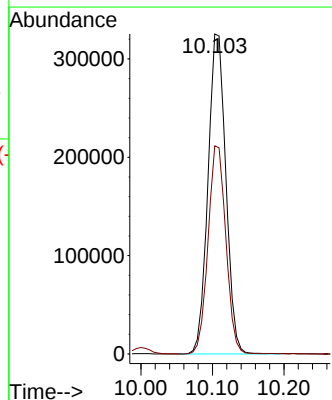
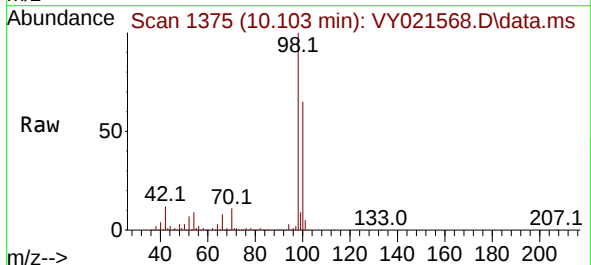
Instrument :
MSVOA_Y
ClientSampleId :
72-11944

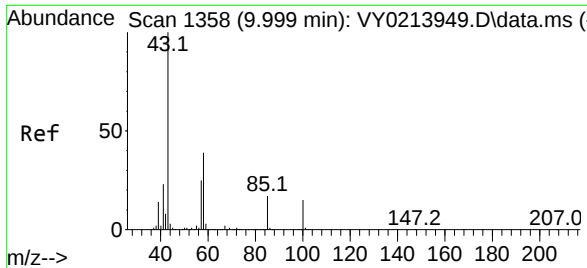
Tgt Ion:113 Resp: 148070
Ion Ratio Lower Upper
113 100
111 103.4 82.0 123.0
192 19.8 15.9 23.9



#50
Toluene-d8
Concen: 49.791 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY021568.D
Acq: 19 Mar 2025 14:10

Tgt Ion: 98 Resp: 565547
Ion Ratio Lower Upper
98 100
100 64.8 52.1 78.1

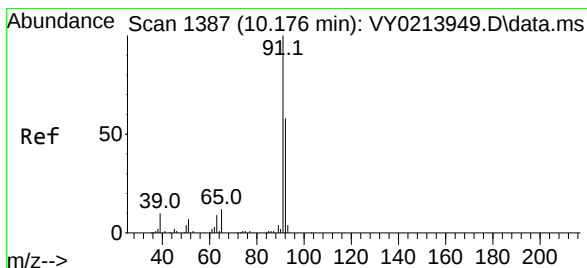
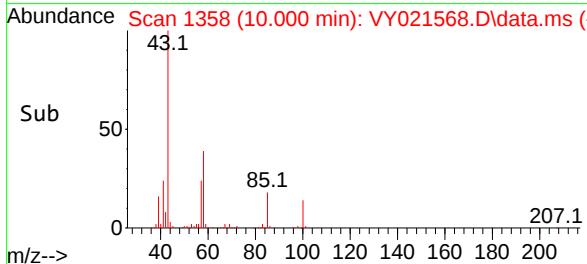
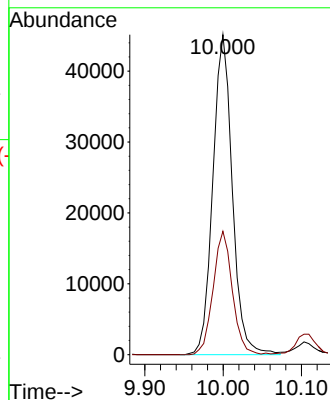
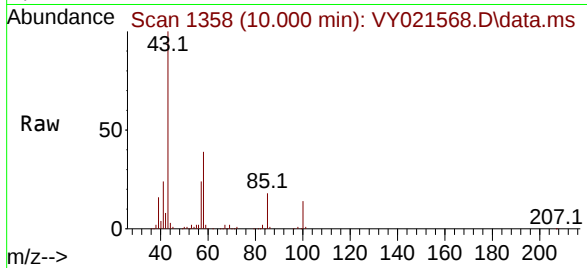




#51
4-Methyl-2-Pentanone
Concen: 37.547 ug/l
RT: 10.000 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021568.D
Acq: 19 Mar 2025 14:10

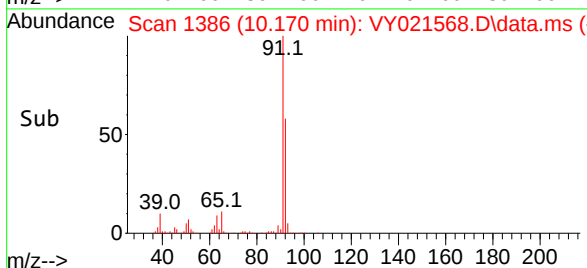
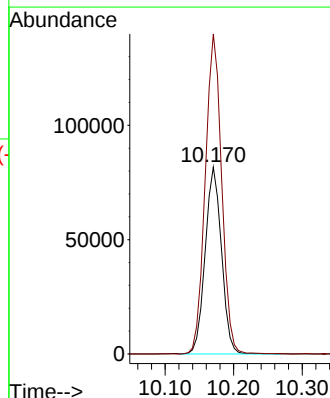
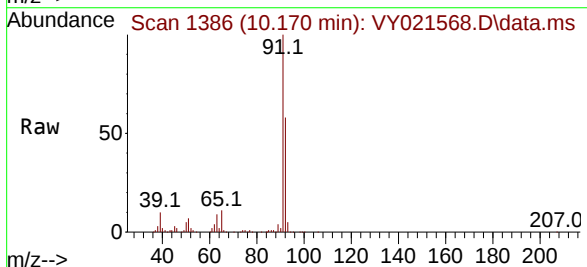
Instrument :
MSVOA_Y
ClientSampleId :
72-11944

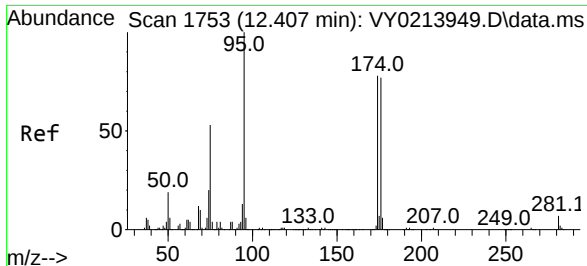
Tgt Ion: 43 Resp: 78055
Ion Ratio Lower Upper
43 100
58 38.0 31.4 47.2



#52
Toluene
Concen: 15.510 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021568.D
Acq: 19 Mar 2025 14:10

Tgt Ion: 92 Resp: 135260
Ion Ratio Lower Upper
92 100
91 172.7 138.2 207.2

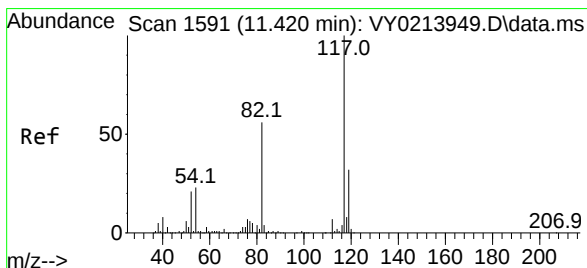
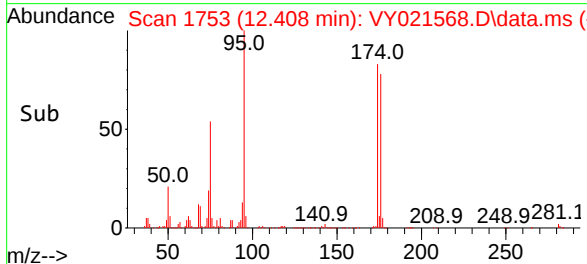
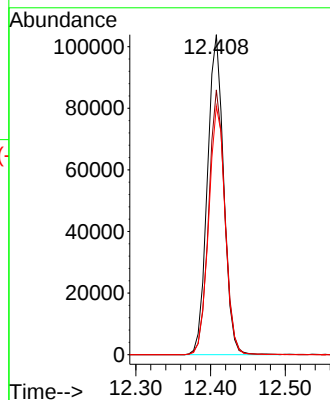
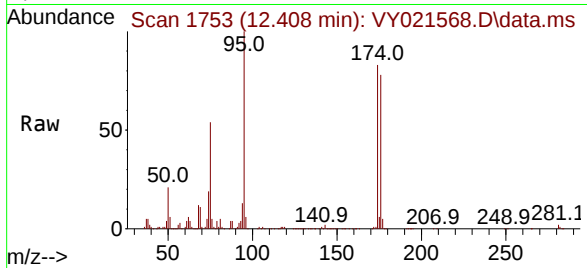




#62
4-Bromofluorobenzene
Concen: 40.574 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021568.D
Acq: 19 Mar 2025 14:10

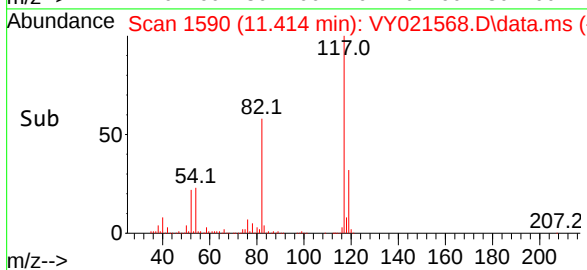
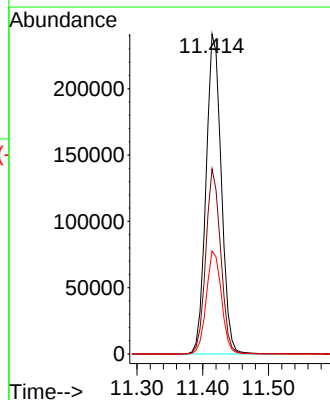
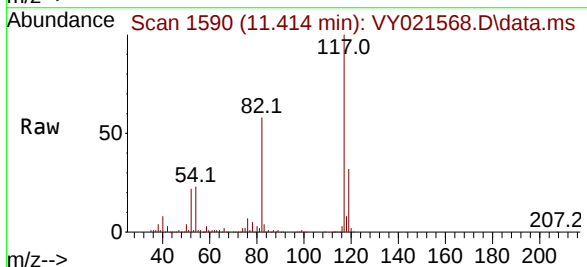
Instrument :
MSVOA_Y
ClientSampleId :
72-11944

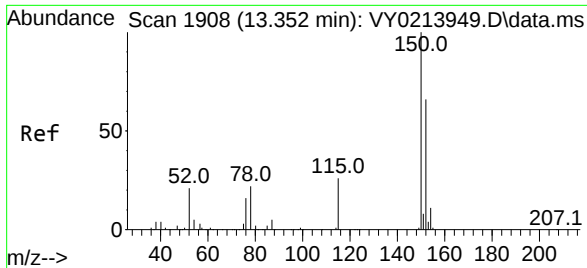
Tgt Ion: 95 Resp: 156764
Ion Ratio Lower Upper
95 100
174 82.5 0.0 165.0
176 79.0 0.0 160.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY021568.D
Acq: 19 Mar 2025 14:10

Tgt Ion: 117 Resp: 389374
Ion Ratio Lower Upper
117 100
82 57.8 44.6 67.0
119 32.2 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY021568.D

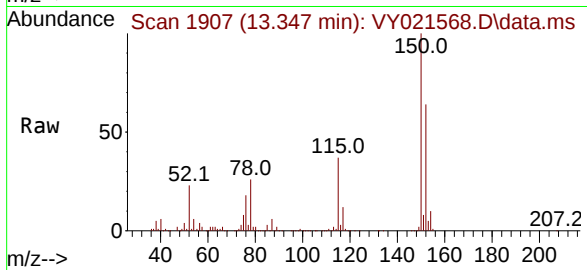
Acq: 19 Mar 2025 14:10

Instrument :

MSVOA_Y

ClientSampleId :

72-11944



Tgt Ion:152 Resp: 136327

Ion Ratio Lower Upper

152 100

115 58.7 29.0 87.0

150 157.6 0.0 347.2

