

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051625\
 Data File : VY022295.D
 Acq On : 16 May 2025 16:48
 Operator : SY/MD
 Sample : Q2032-04
 Misc : 6.39g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-24

Quant Time: May 17 01:36:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

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

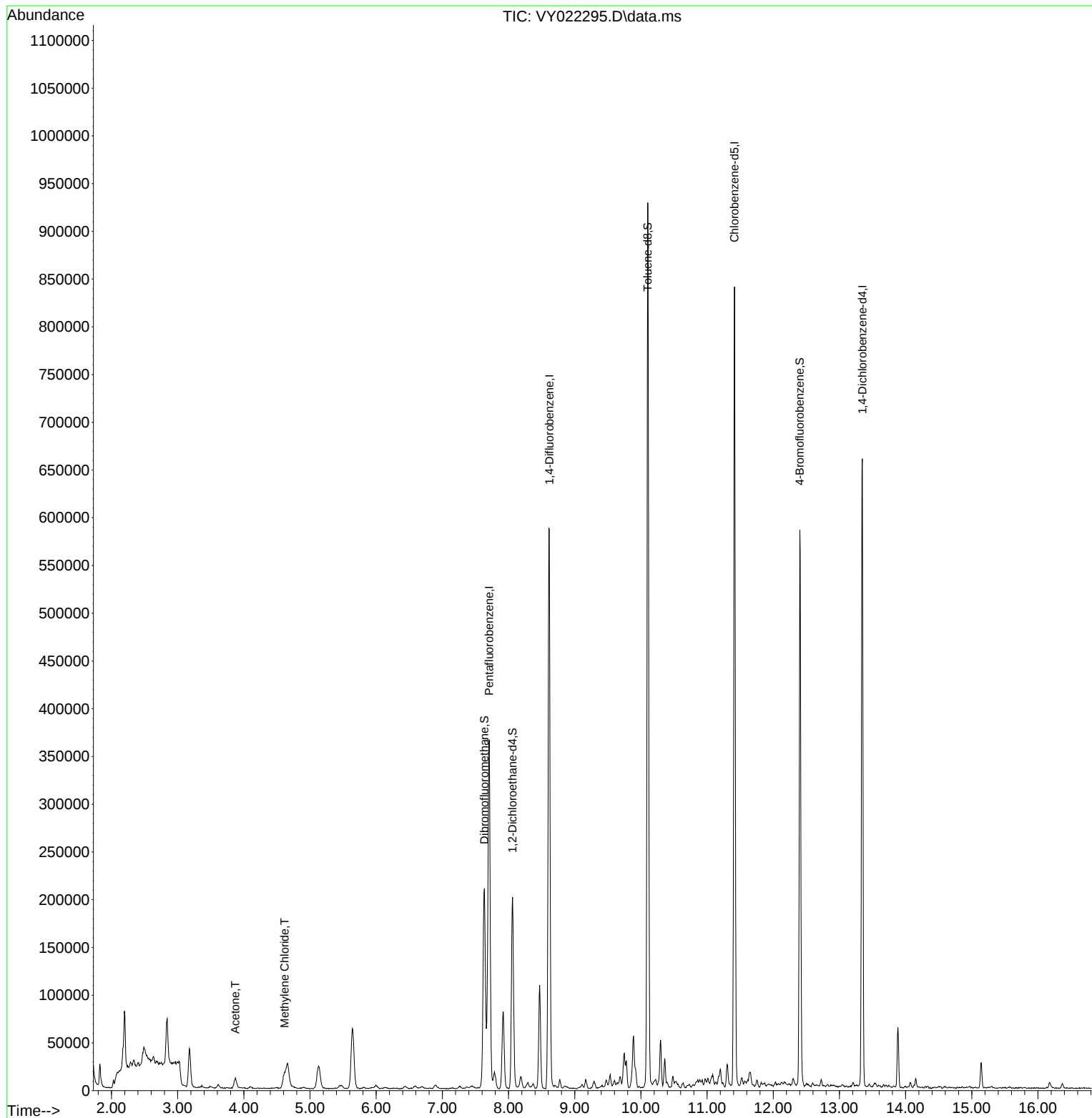
Internal Standards						
1) Pentafluorobenzene	7.707	168	265542	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	477294	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	397008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	154080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	150720	51.934	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.860%
35) Dibromofluoromethane	7.634	113	145964	51.238	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.480%
50) Toluene-d8	10.103	98	573315	49.138	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.280%
62) 4-Bromofluorobenzene	12.401	95	160374	43.366	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.740%
Target Compounds						
16) Acetone	3.872	43	17993	33.065	ug/l	97
20) Methylene Chloride	4.616	84	8521	2.423	ug/l	92

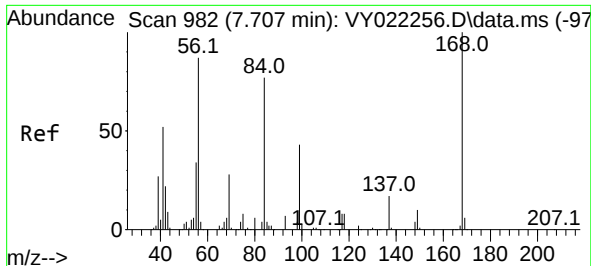
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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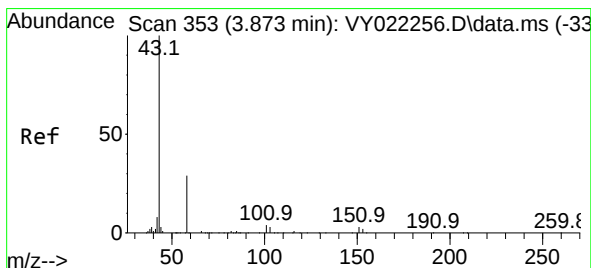
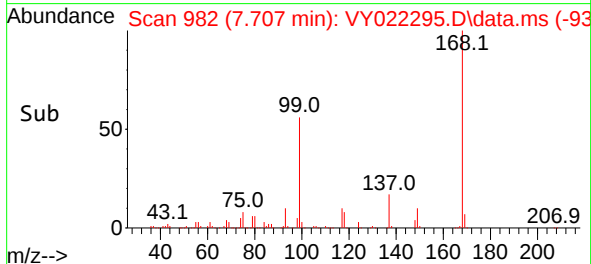
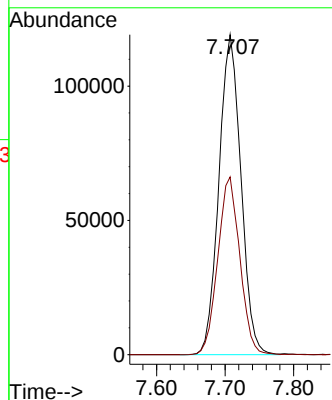
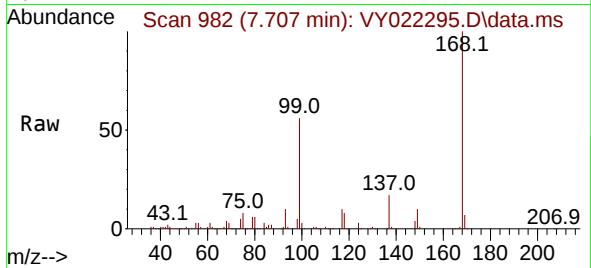




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY022295.D
Acq: 16 May 2025 16:48

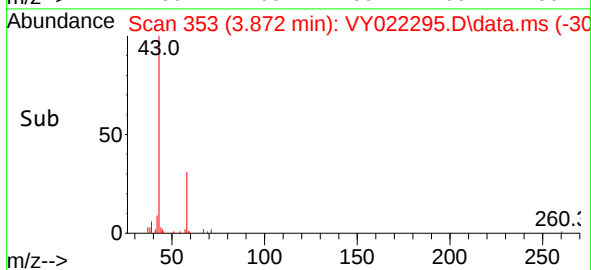
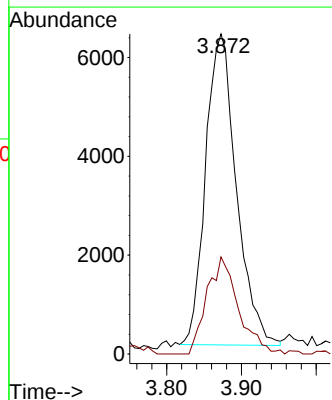
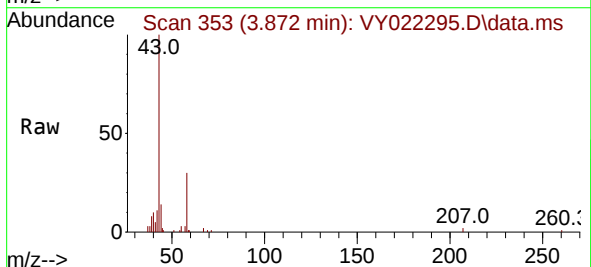
Instrument :
MSVOA_Y
ClientSampleId :
TP-24

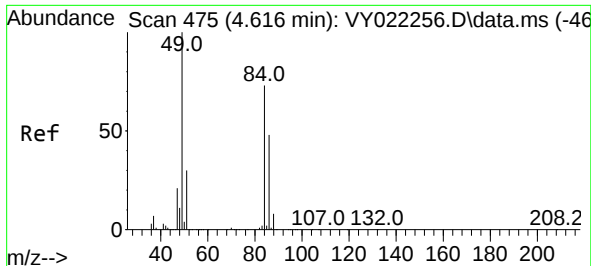
Tgt Ion:168 Resp: 265542
Ion Ratio Lower Upper
168 100
99 55.5 44.2 66.4



#16
Acetone
Concen: 33.065 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.000 min
Lab File: VY022295.D
Acq: 16 May 2025 16:48

Tgt Ion: 43 Resp: 17993
Ion Ratio Lower Upper
43 100
58 31.2 23.6 35.4

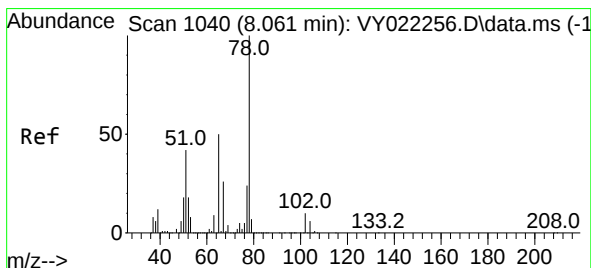
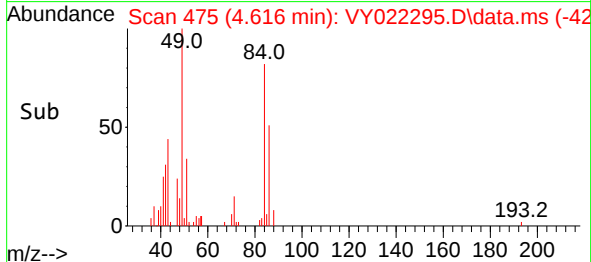
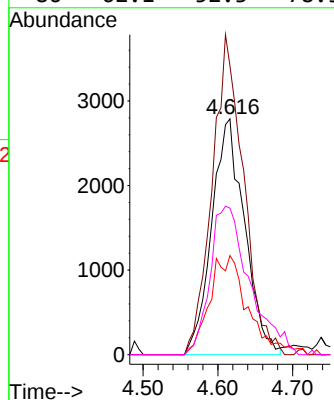
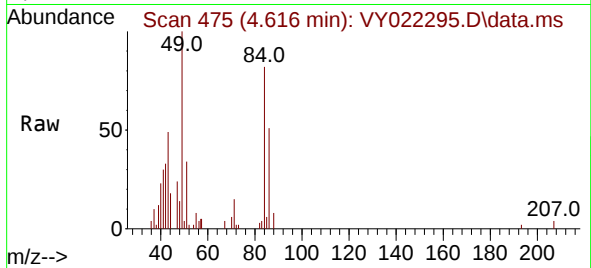




#20
Methylene Chloride
Concen: 2.423 ug/l
RT: 4.616 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY022295.D
Acq: 16 May 2025 16:48

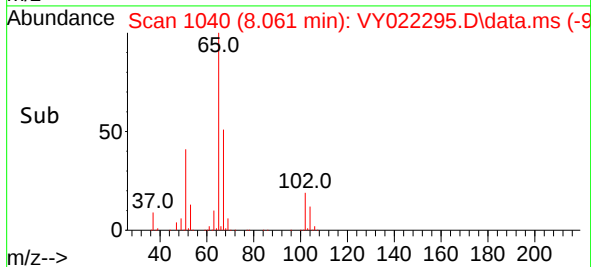
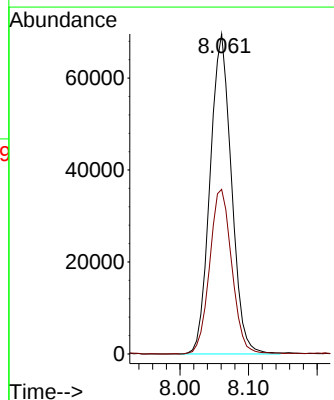
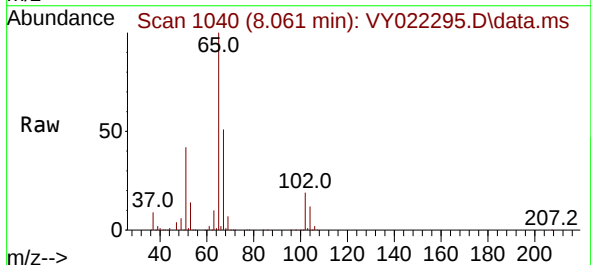
Instrument :
MSVOA_Y
ClientSampleId :
TP-24

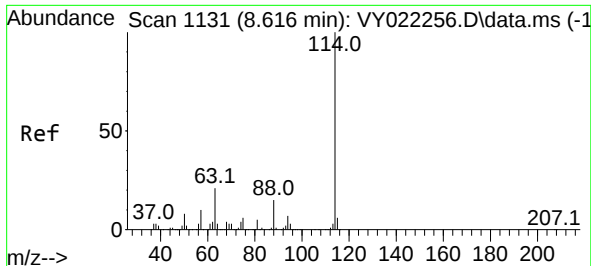
Tgt Ion:	84	Resp:	8521
Ion	Ratio	Lower	Upper
84	100		
49	122.4	109.6	164.4
51	42.0	32.4	48.6
86	62.1	52.3	78.5



#33
1,2-Dichloroethane-d4
Concen: 51.934 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY022295.D
Acq: 16 May 2025 16:48

Tgt Ion:	65	Resp:	150720
Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	104.6

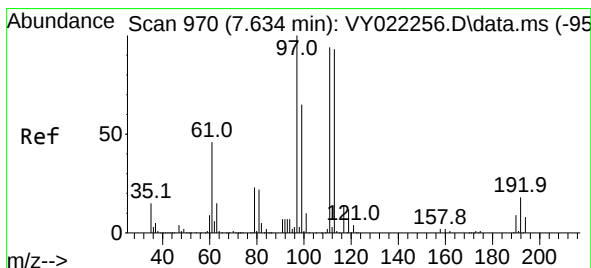
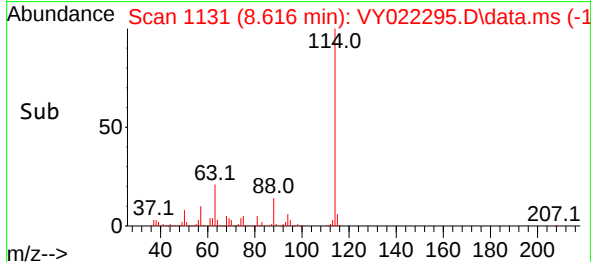
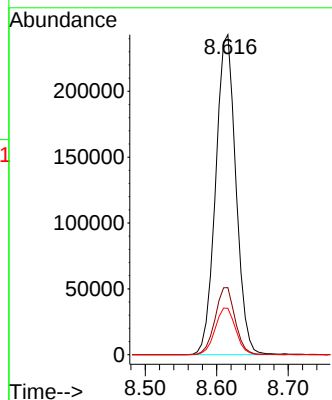
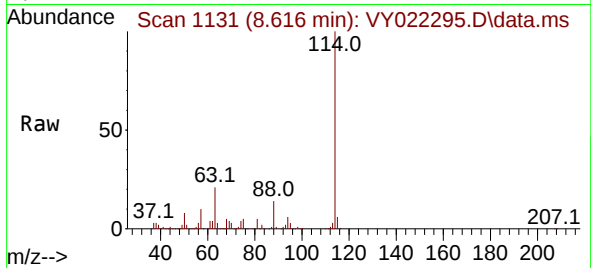




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022295.D
Acq: 16 May 2025 16:48

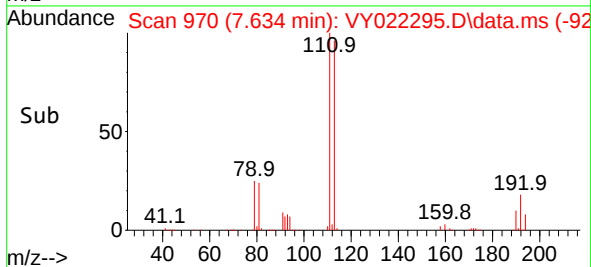
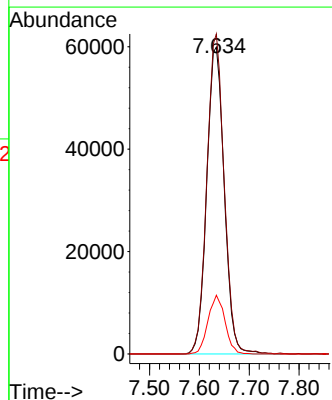
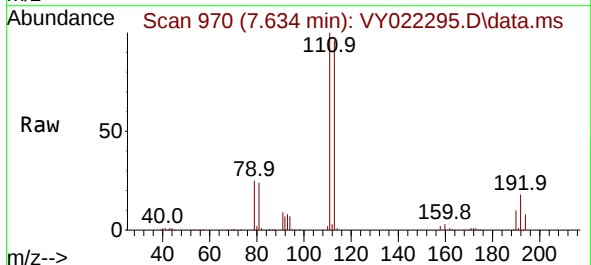
Instrument :
MSVOA_Y
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TP-24

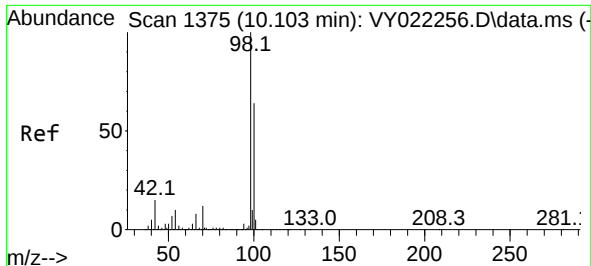
Tgt Ion:114 Resp: 477294
Ion Ratio Lower Upper
114 100
63 20.9 0.0 41.0
88 14.5 0.0 29.4



#35
Dibromofluoromethane
Concen: 51.238 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY022295.D
Acq: 16 May 2025 16:48

Tgt Ion:113 Resp: 145964
Ion Ratio Lower Upper
113 100
111 103.2 82.6 123.8
192 18.5 15.2 22.8

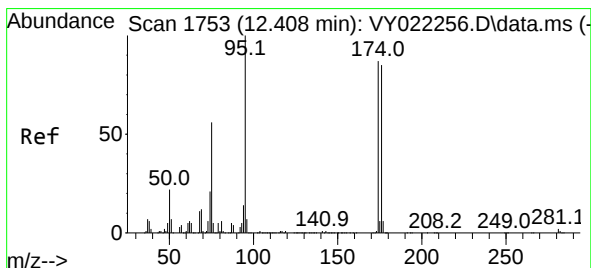
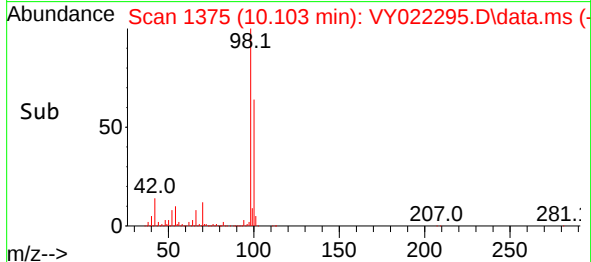
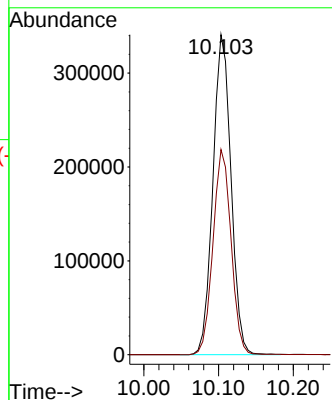
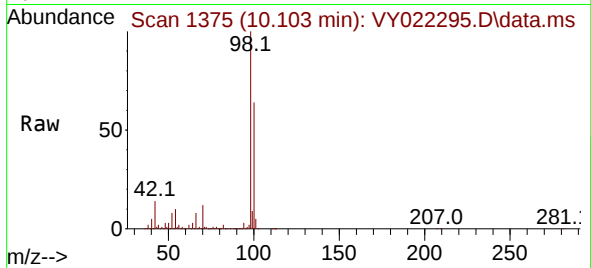




#50
Toluene-d8
Concen: 49.138 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022295.D
Acq: 16 May 2025 16:48

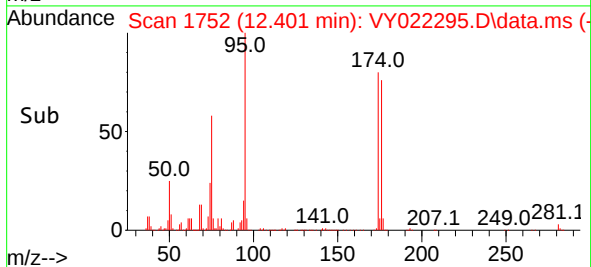
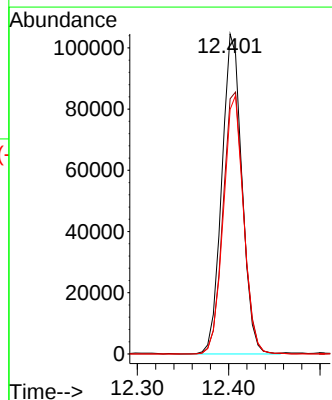
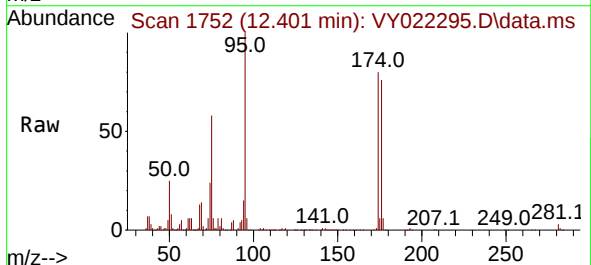
Instrument :
MSVOA_Y
ClientSampleId :
TP-24

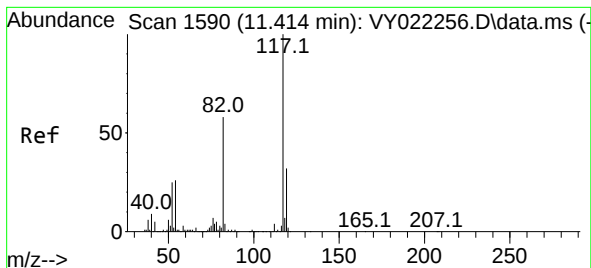
Tgt Ion: 98 Resp: 573315
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 43.366 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022295.D
Acq: 16 May 2025 16:48

Tgt Ion: 95 Resp: 160374
Ion Ratio Lower Upper
95 100
174 83.8 0.0 166.8
176 81.0 0.0 160.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022295.D

Acq: 16 May 2025 16:48

Instrument :

MSVOA_Y

ClientSampleId :

TP-24

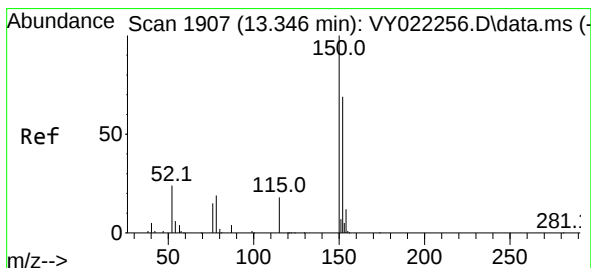
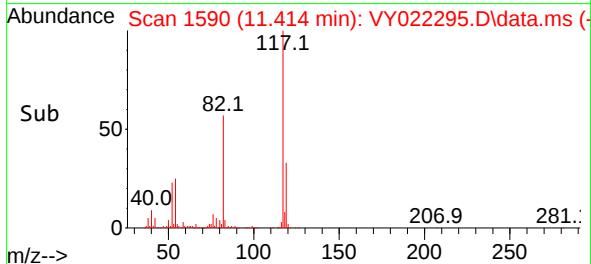
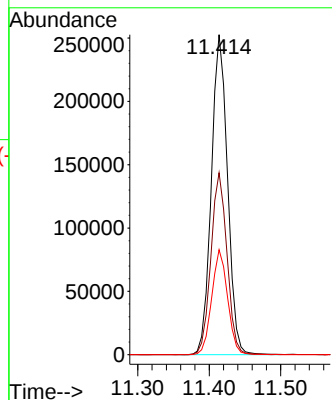
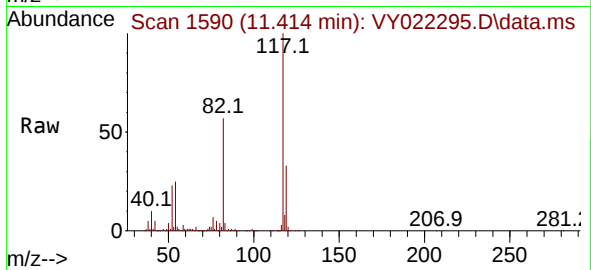
Tgt Ion:117 Resp: 397008

Ion Ratio Lower Upper

117 100

82 56.8 46.6 70.0

119 32.8 25.8 38.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022295.D

Acq: 16 May 2025 16:48

Tgt Ion:152 Resp: 154080

Ion Ratio Lower Upper

152 100

115 59.4 29.4 88.2

150 157.1 0.0 353.8

