

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061725\
 Data File : VY022725.D
 Acq On : 17 Jun 2025 15:35
 Operator : SY/MD
 Sample : Q2341-07
 Misc : 4.48g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 18 04:42:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 10 15:26:14 2025
 Response via : Initial Calibration

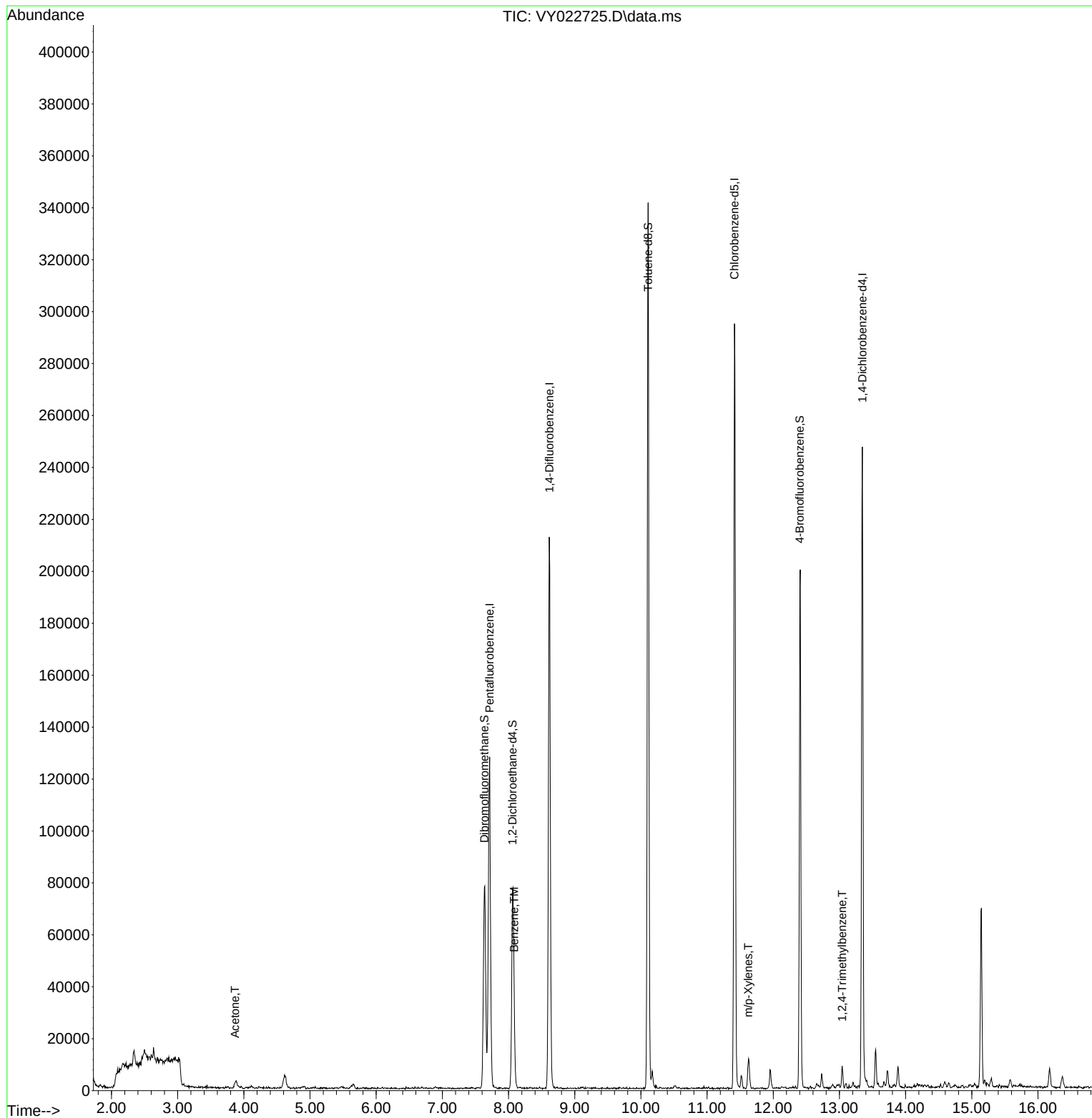
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

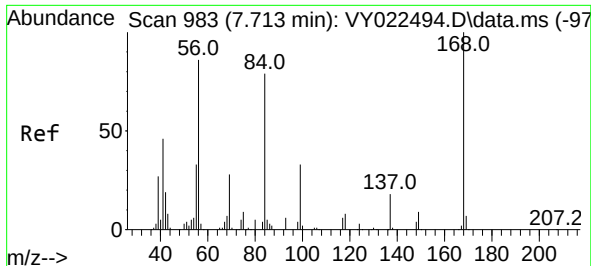
Internal Standards						
1) Pentafluorobenzene	7.713	168	90076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	174100	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	145889	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	55656	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	57849	57.421	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.840%
35) Dibromofluoromethane	7.634	113	53821	51.792	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.580%
50) Toluene-d8	10.109	98	211132	50.283	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.560%
62) 4-Bromofluorobenzene	12.401	95	53171	42.501	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.000%
Target Compounds						
					Qvalue	
16) Acetone	3.866	43	4799	23.456	ug/l #	88
40) Benzene	8.085	78	7173	1.440	ug/l	98
68) m/p-Xylenes	11.621	106	3520	1.551	ug/l	92
84) 1,2,4-Trimethylbenzene	13.042	105	3983	1.110	ug/l	92

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

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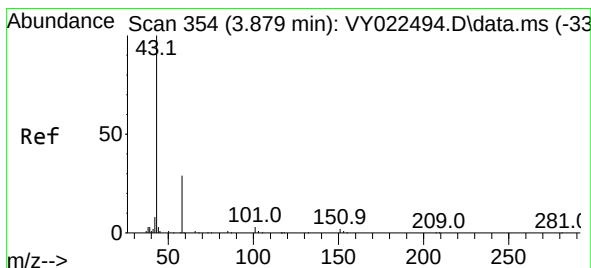
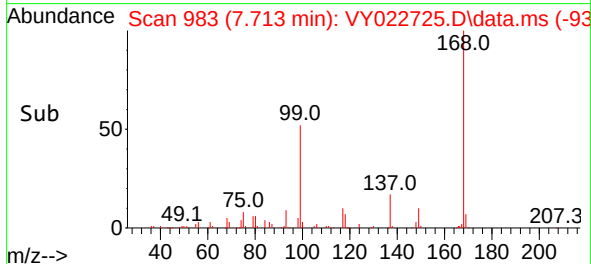
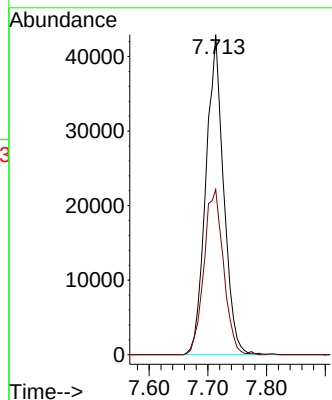
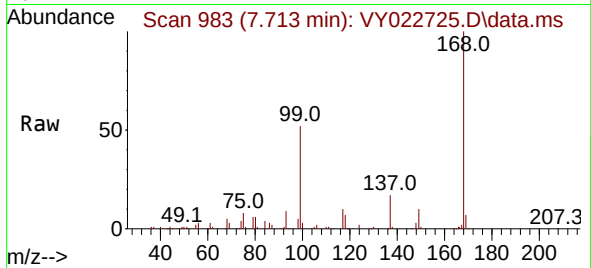
Quant Time: Jun 18 04:42:45 2025
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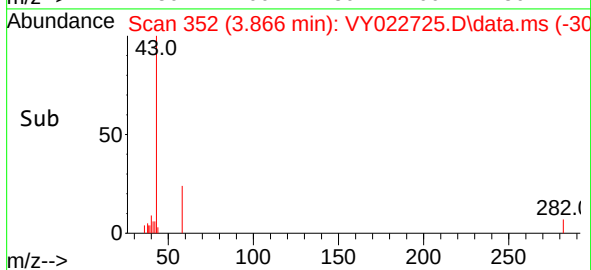
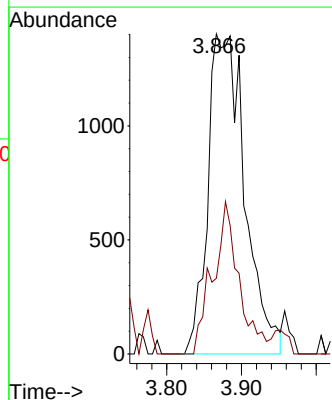
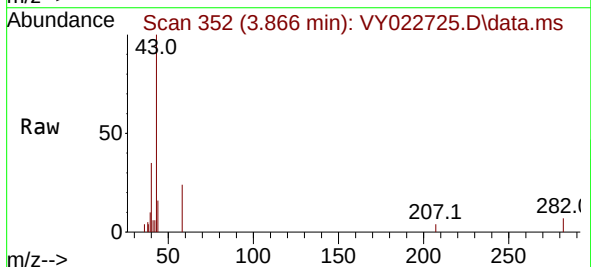
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY022725.D
Acq: 17 Jun 2025 15:35

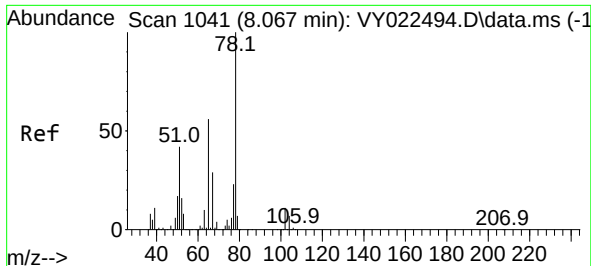
Tgt Ion:168 Resp: 90076
Ion Ratio Lower Upper
168 100
99 51.6 44.3 66.5



#16
Acetone
Concen: 23.456 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY022725.D
Acq: 17 Jun 2025 15:35

Tgt Ion: 43 Resp: 4799
Ion Ratio Lower Upper
43 100
58 23.7 24.0 36.0#





#33

1,2-Dichloroethane-d4

Concen: 57.421 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VY022725.D

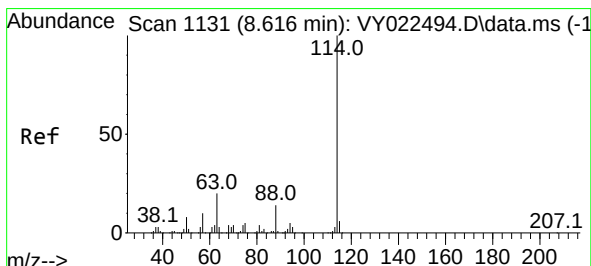
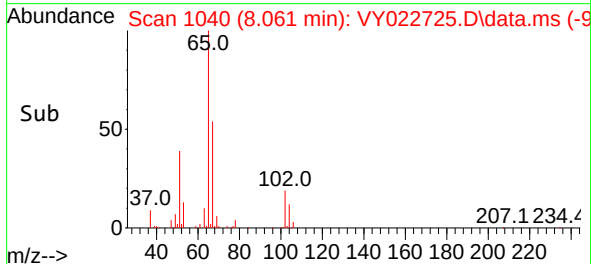
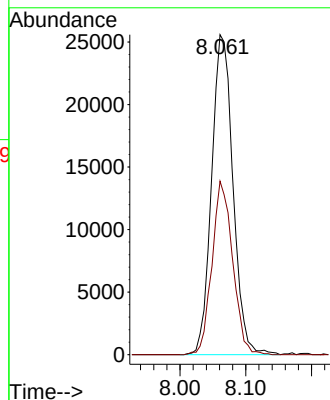
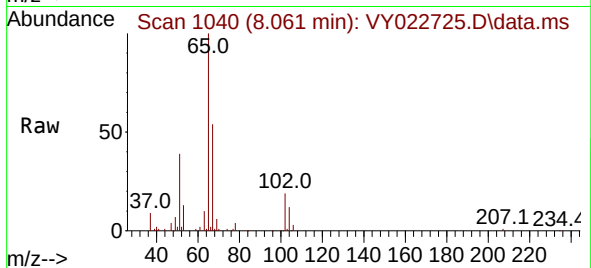
Acq: 17 Jun 2025 15:35

Tgt Ion: 65 Resp: 57849

Ion Ratio Lower Upper

65 100

67 52.5 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022725.D

Acq: 17 Jun 2025 15:35

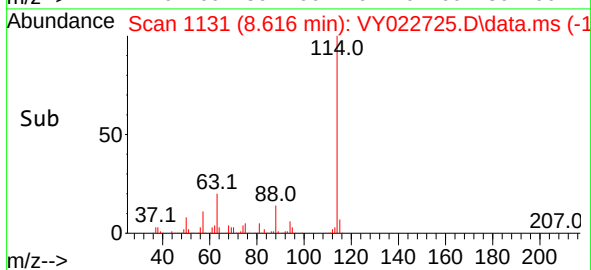
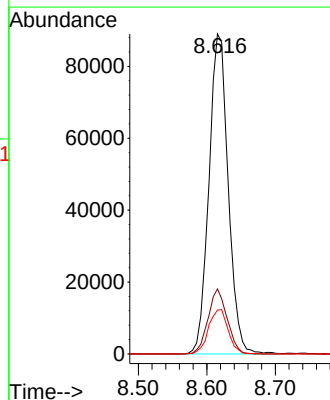
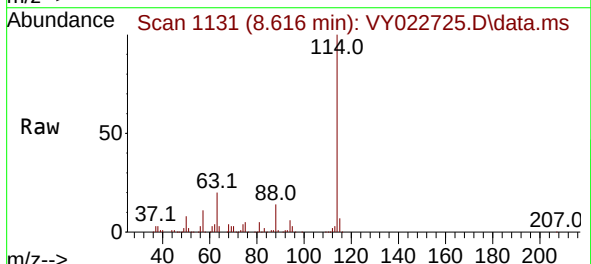
Tgt Ion: 114 Resp: 174100

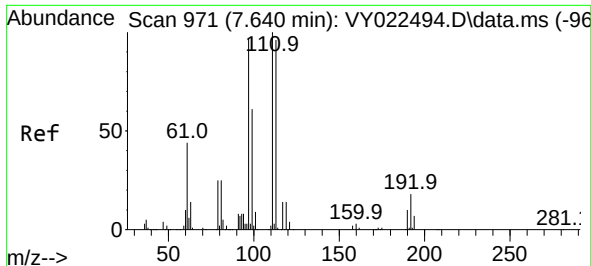
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

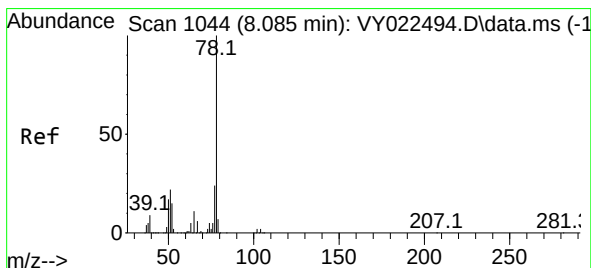
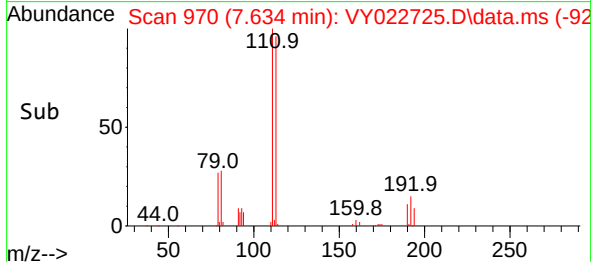
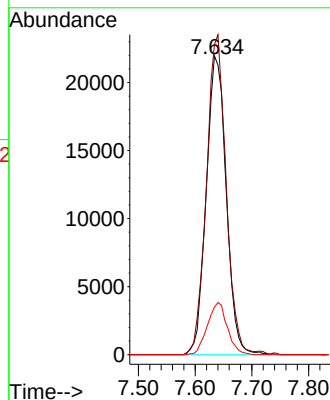
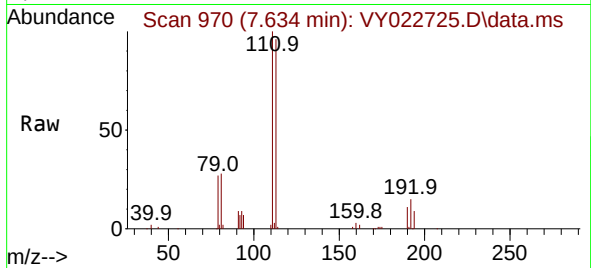
88 13.7 0.0 27.8





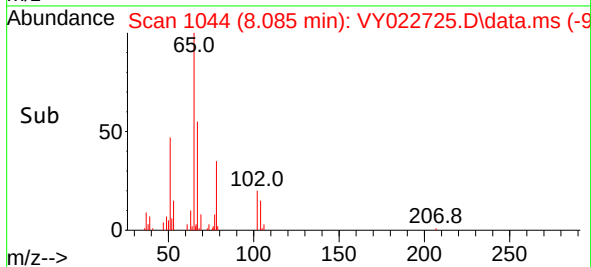
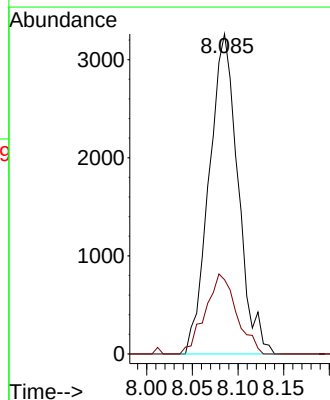
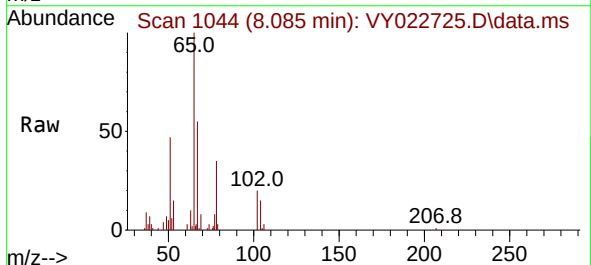
#35
Dibromofluoromethane
Concen: 51.792 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY022725.D
Acq: 17 Jun 2025 15:35

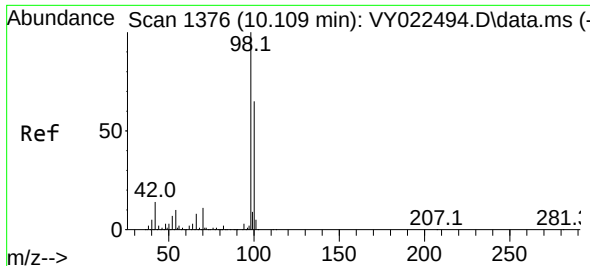
Tgt Ion:113 Resp: 53821
Ion Ratio Lower Upper
113 100
111 105.5 81.1 121.7
192 17.4 14.2 21.2



#40
Benzene
Concen: 1.440 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VY022725.D
Acq: 17 Jun 2025 15:35

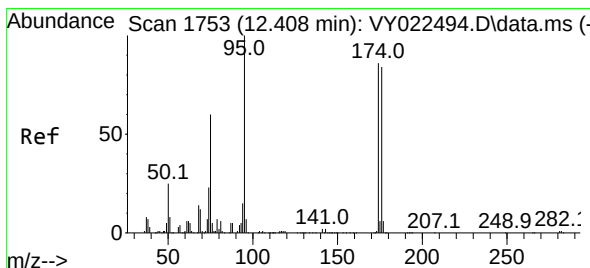
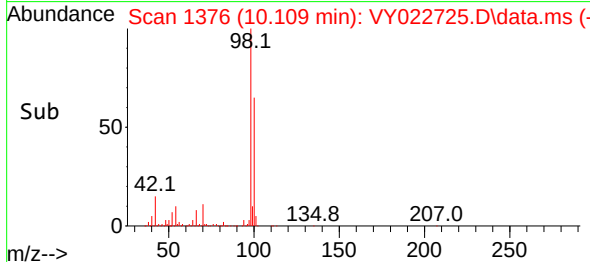
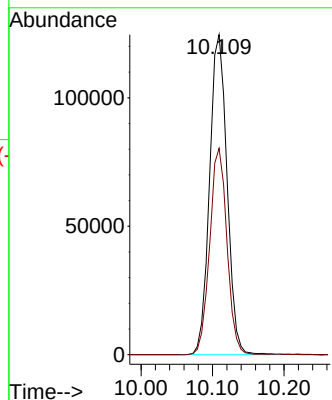
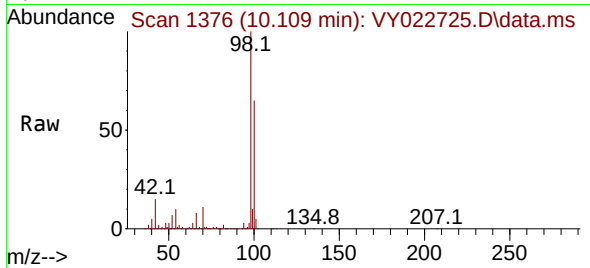
Tgt Ion: 78 Resp: 7173
Ion Ratio Lower Upper
78 100
77 23.2 19.3 28.9





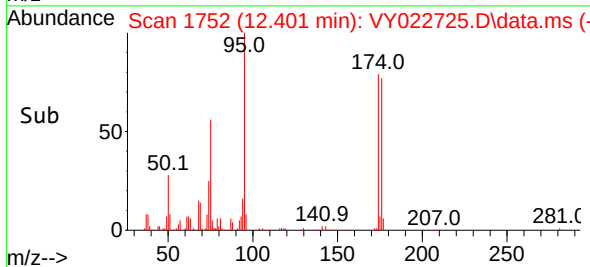
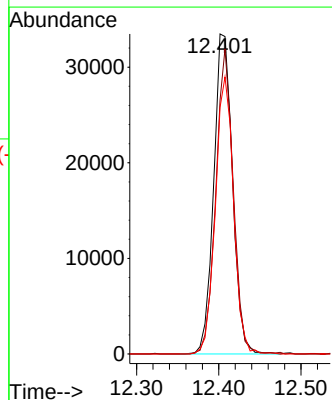
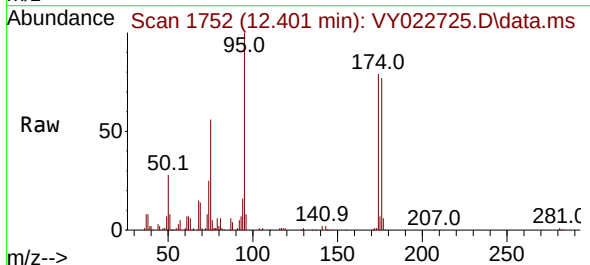
#50
Toluene-d8
Concen: 50.283 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022725.D
Acq: 17 Jun 2025 15:35

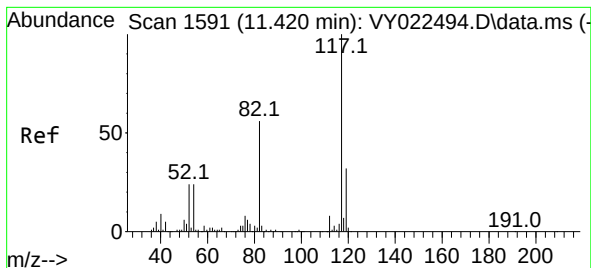
Tgt Ion: 98 Resp: 211132
Ion Ratio Lower Upper
98 100
100 63.8 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 42.501 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022725.D
Acq: 17 Jun 2025 15:35

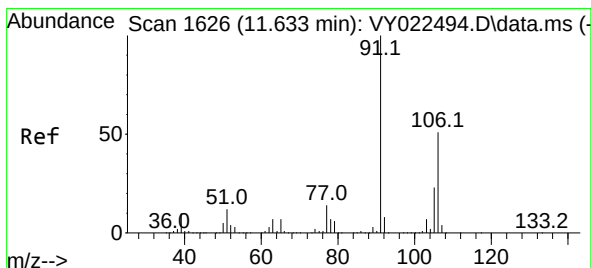
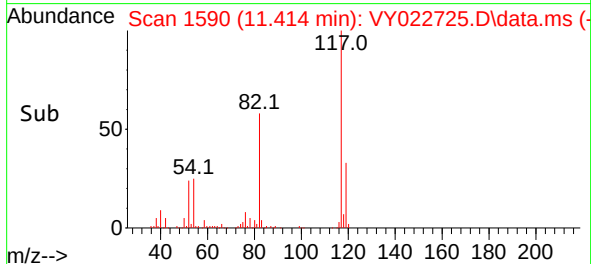
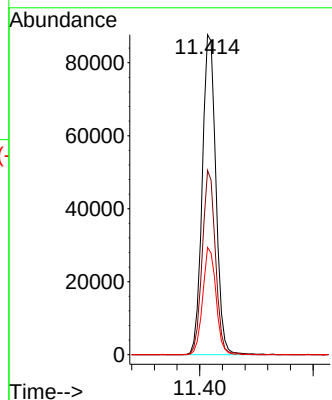
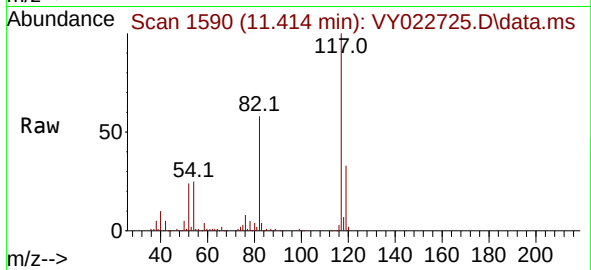
Tgt Ion: 95 Resp: 53171
Ion Ratio Lower Upper
95 100
174 88.8 0.0 170.0
176 83.9 0.0 166.2





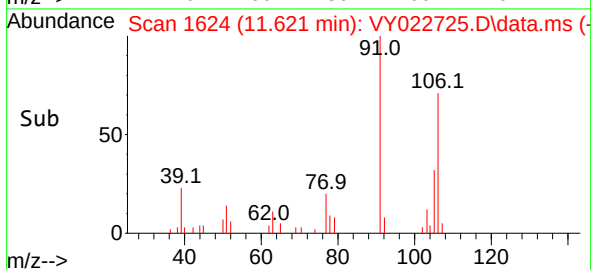
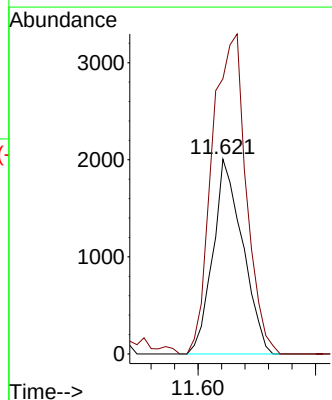
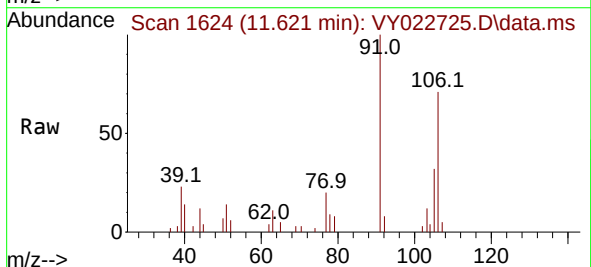
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022725.D
Acq: 17 Jun 2025 15:35

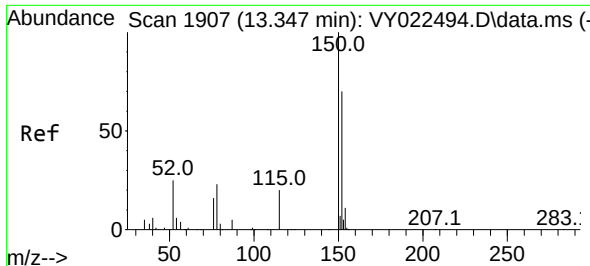
Tgt Ion:	117	Resp:	145889
Ion	Ratio	Lower	Upper
117	100		
82	57.6	44.6	66.8
119	33.5	25.4	38.0



#68
m/p-Xylenes
Concen: 1.551 ug/l
RT: 11.621 min Scan# 1624
Delta R.T. -0.012 min
Lab File: VY022725.D
Acq: 17 Jun 2025 15:35

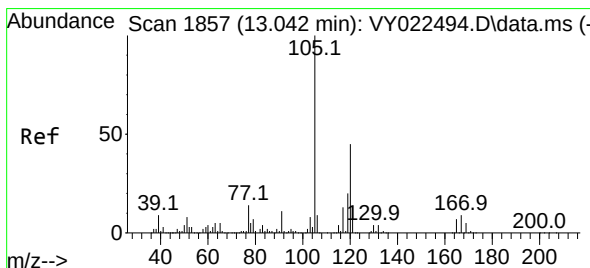
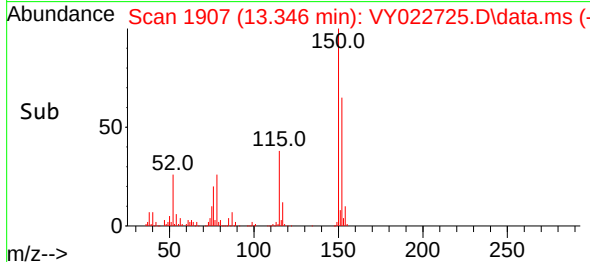
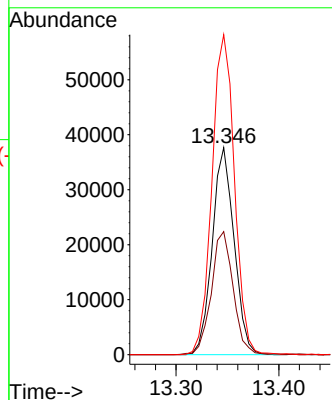
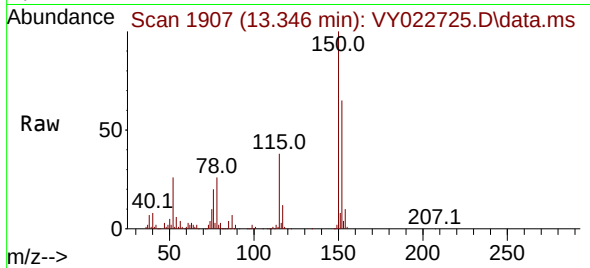
Tgt Ion:	106	Resp:	3520
Ion	Ratio	Lower	Upper
106	100		
91	187.8	159.4	239.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY022725.D
 Acq: 17 Jun 2025 15:35

Tgt Ion:152 Resp: 55656
 Ion Ratio Lower Upper
 152 100
 115 59.7 28.9 86.7
 150 159.3 0.0 349.6



#84
 1,2,4-Trimethylbenzene
 Concen: 1.110 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. -0.000 min
 Lab File: VY022725.D
 Acq: 17 Jun 2025 15:35

Tgt Ion:105 Resp: 3983
 Ion Ratio Lower Upper
 105 100
 120 50.4 22.7 68.1

