

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
 Data File : VY022749.D
 Acq On : 19 Jun 2025 12:38
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_Y/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jun 20 02:57:43 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	7.707	168	782	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.610	114	1128	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	388	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	133	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	494	56.481	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.960%	
35) Dibromofluoromethane	7.622	113	330	49.014	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	98.020%	
50) Toluene-d8	10.109	98	888	32.641	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.280%	
62) 4-Bromofluorobenzene	12.402	95	59	7.279	ug/l	0.00
Spiked Amount	50.000		Recovery	=	14.560%	

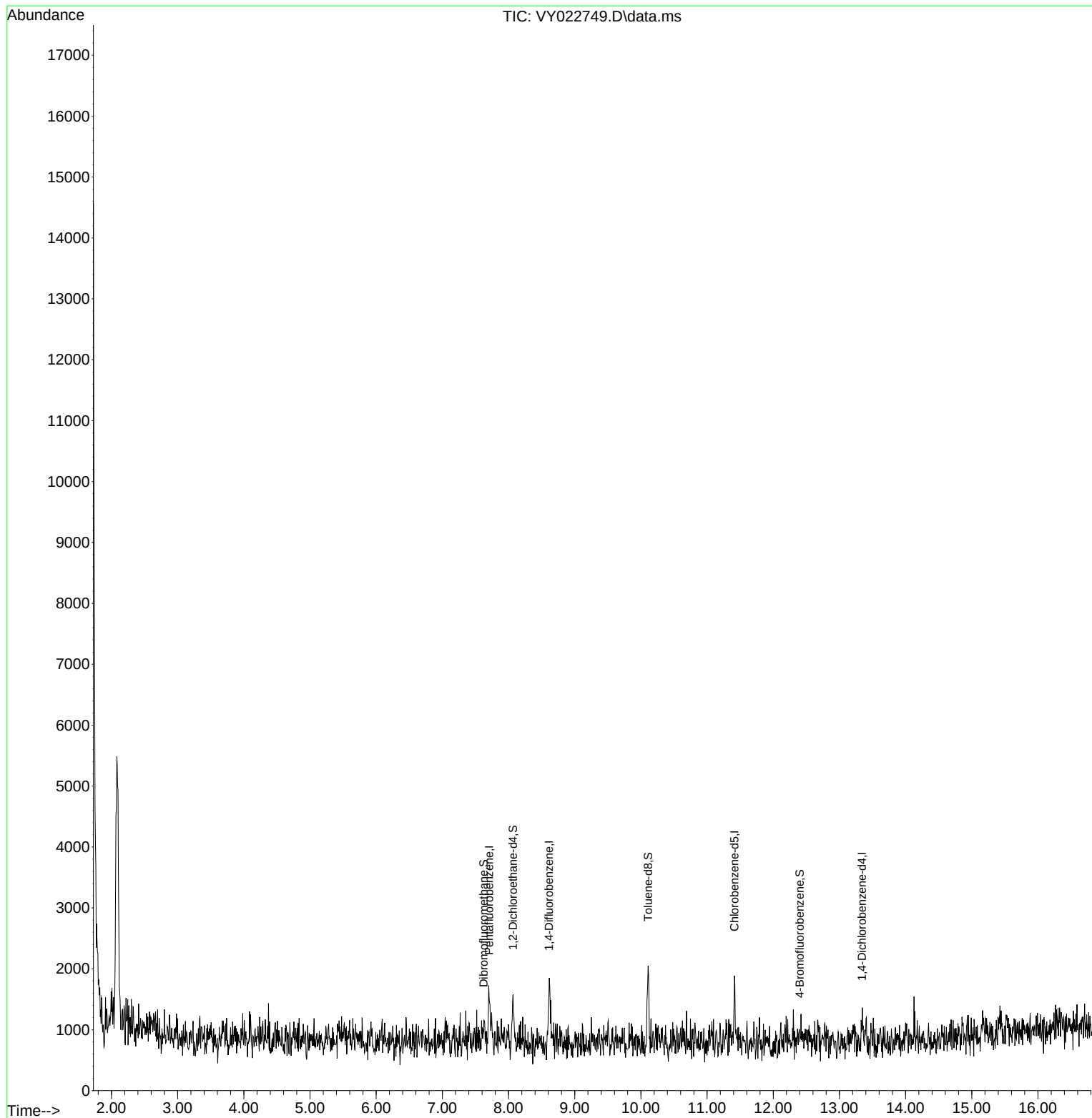
Target Compounds	Qvalue

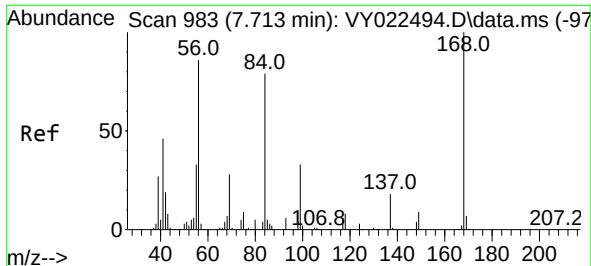
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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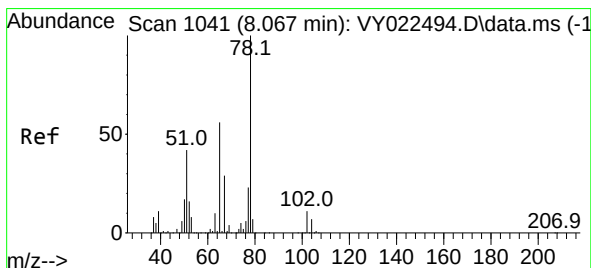
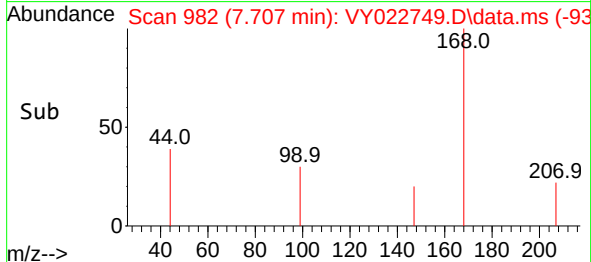
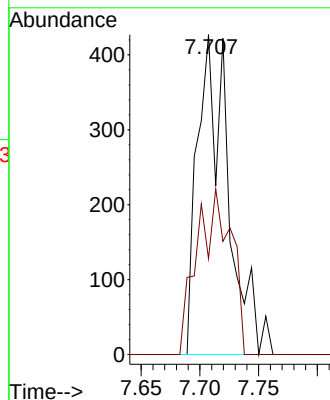
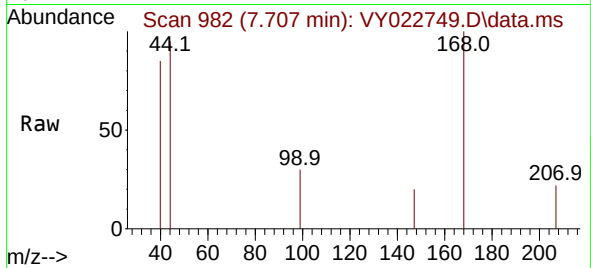




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 99
Delta R.T. -0.006 min
Lab File: VY022749.D
Acq: 19 Jun 2025 12:38

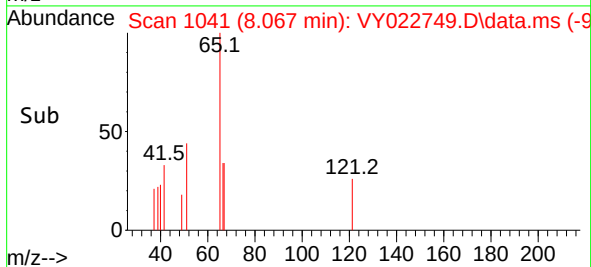
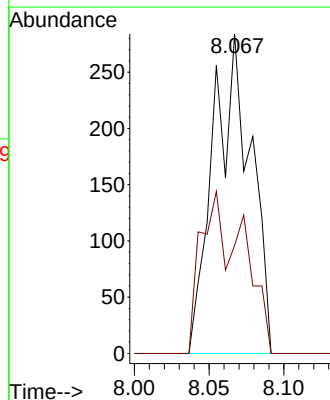
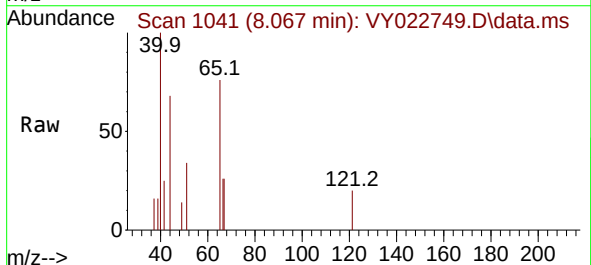
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

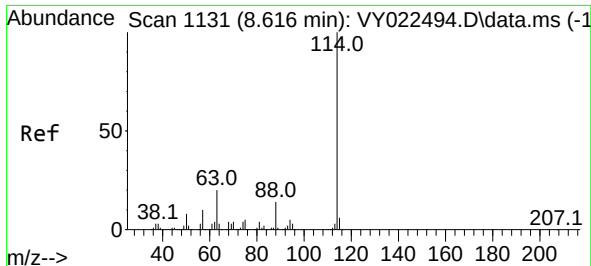
Tgt Ion:168 Resp: 782
Ion Ratio Lower Upper
168 100
99 30.0 44.3 66.5#



#33
1,2-Dichloroethane-d4
Concen: 56.481 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY022749.D
Acq: 19 Jun 2025 12:38

Tgt Ion: 65 Resp: 494
Ion Ratio Lower Upper
65 100
67 57.1 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY022749.D

Acq: 19 Jun 2025 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

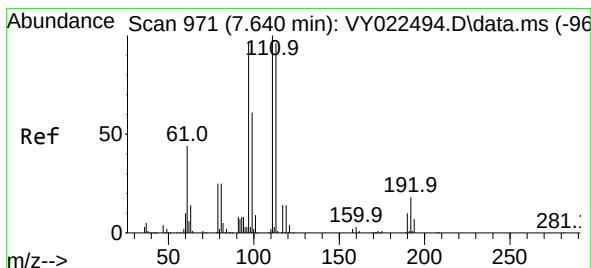
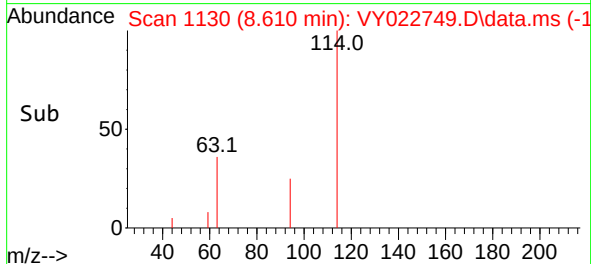
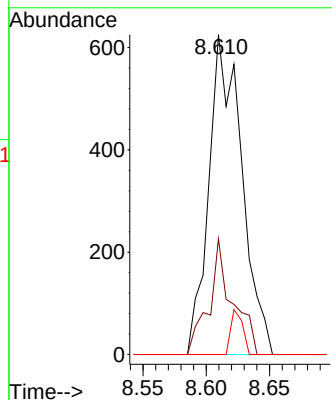
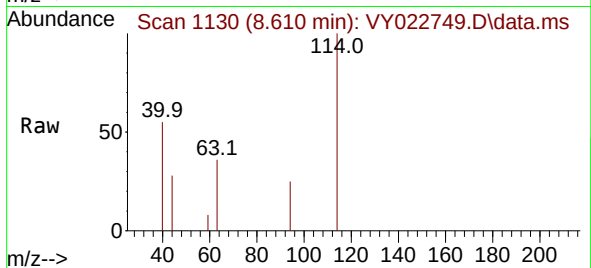
Tgt Ion:114 Resp: 1128

Ion Ratio Lower Upper

114 100

63 36.2 0.0 40.8

88 0.0 0.0 27.8



#35

Dibromofluoromethane

Concen: 49.014 ug/l

RT: 7.622 min Scan# 968

Delta R.T. -0.018 min

Lab File: VY022749.D

Acq: 19 Jun 2025 12:38

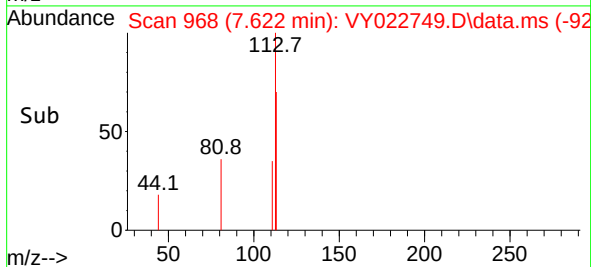
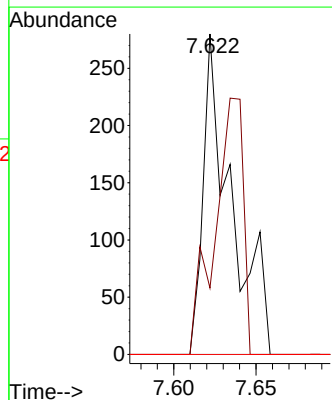
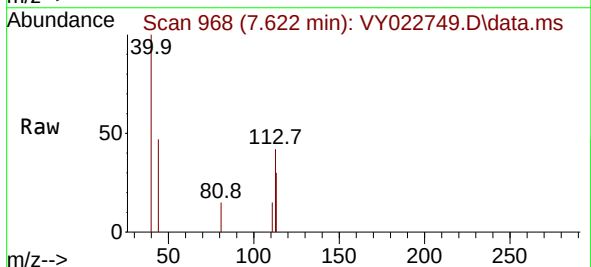
Tgt Ion:113 Resp: 330

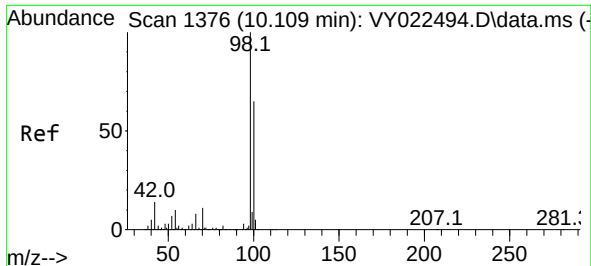
Ion Ratio Lower Upper

113 100

111 81.8 81.1 121.7

192 0.0 14.2 21.2#

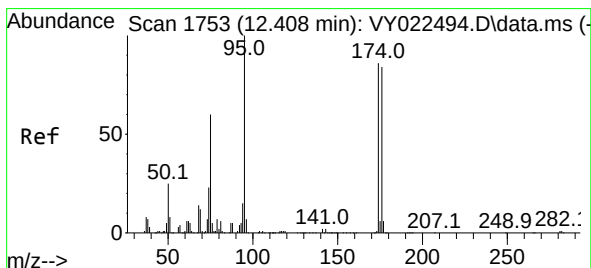
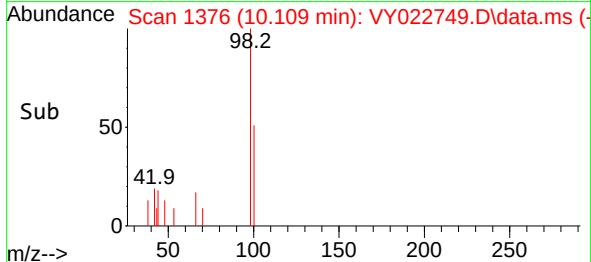
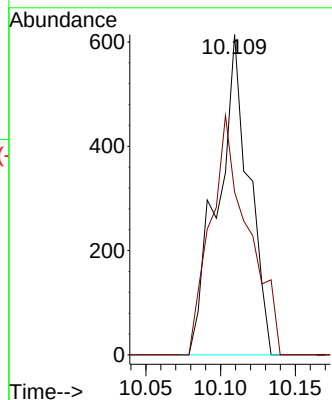
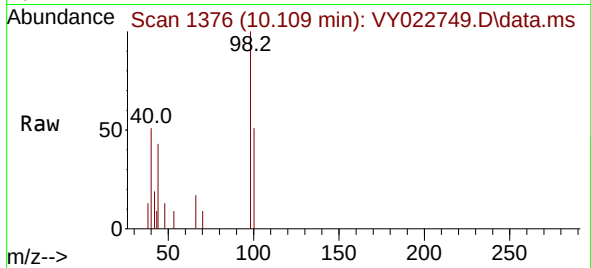




#50
Toluene-d8
Concen: 32.641 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022749.D
Acq: 19 Jun 2025 12:38

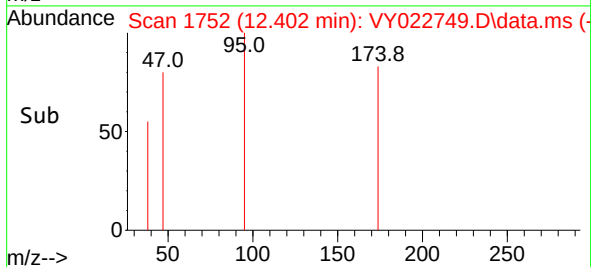
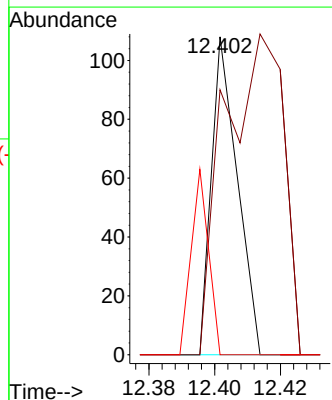
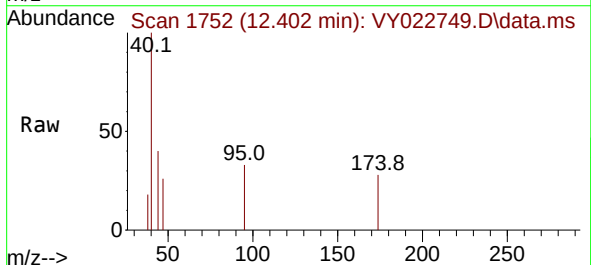
Instrument :
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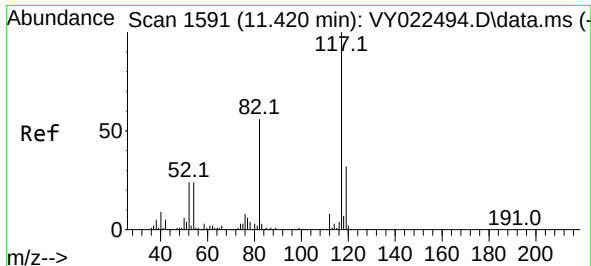
Tgt Ion: 98 Resp: 888
Ion Ratio Lower Upper
98 100
100 89.9 51.4 77.0#



#62
4-Bromofluorobenzene
Concen: 7.279 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022749.D
Acq: 19 Jun 2025 12:38

Tgt Ion: 95 Resp: 59
Ion Ratio Lower Upper
95 100
174 228.8 0.0 170.0#
176 39.0 0.0 166.2

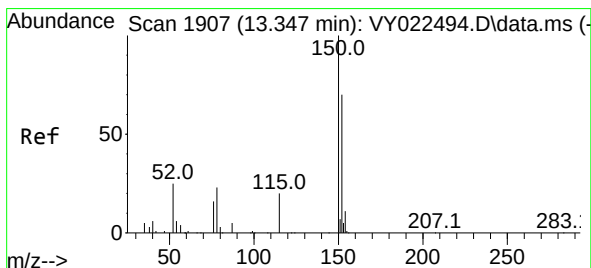
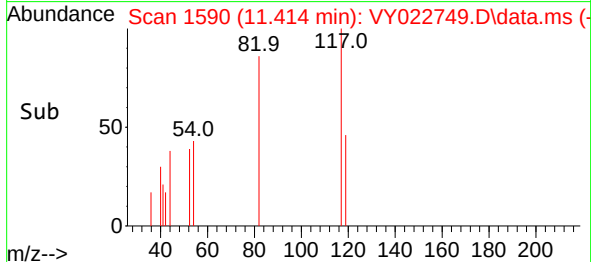
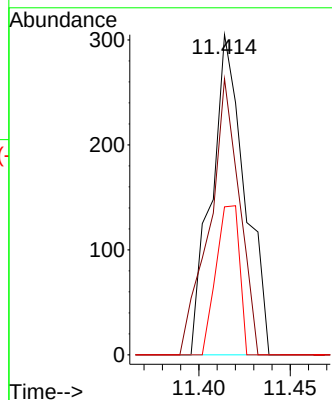
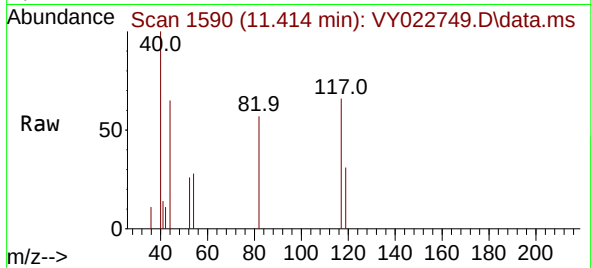




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY022749.D
Acq: 19 Jun 2025 12:38

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 388
Ion Ratio Lower Upper
117 100
82 86.2 44.6 66.8#
119 46.2 25.4 38.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.340 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY022749.D
Acq: 19 Jun 2025 12:38

Tgt Ion:152 Resp: 133
Ion Ratio Lower Upper
152 100
115 0.0 28.9 86.7#
150 155.6 0.0 349.6

