

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061825\
 Data File : VY022738.D
 Acq On : 18 Jun 2025 15:18
 Operator : SY/MD
 Sample : Q2358-01
 Misc : 4.70g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-07-06182025

Quant Time: Jun 19 04:01:22 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	2684	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.610	114	4609	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	2544	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	380	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	1222	40.707	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.420%
35) Dibromofluoromethane	7.634	113	536	19.484	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	38.960%#
50) Toluene-d8	10.103	98	4724	42.498	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.000%
62) 4-Bromofluorobenzene	12.402	95	702	21.196	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	42.400%

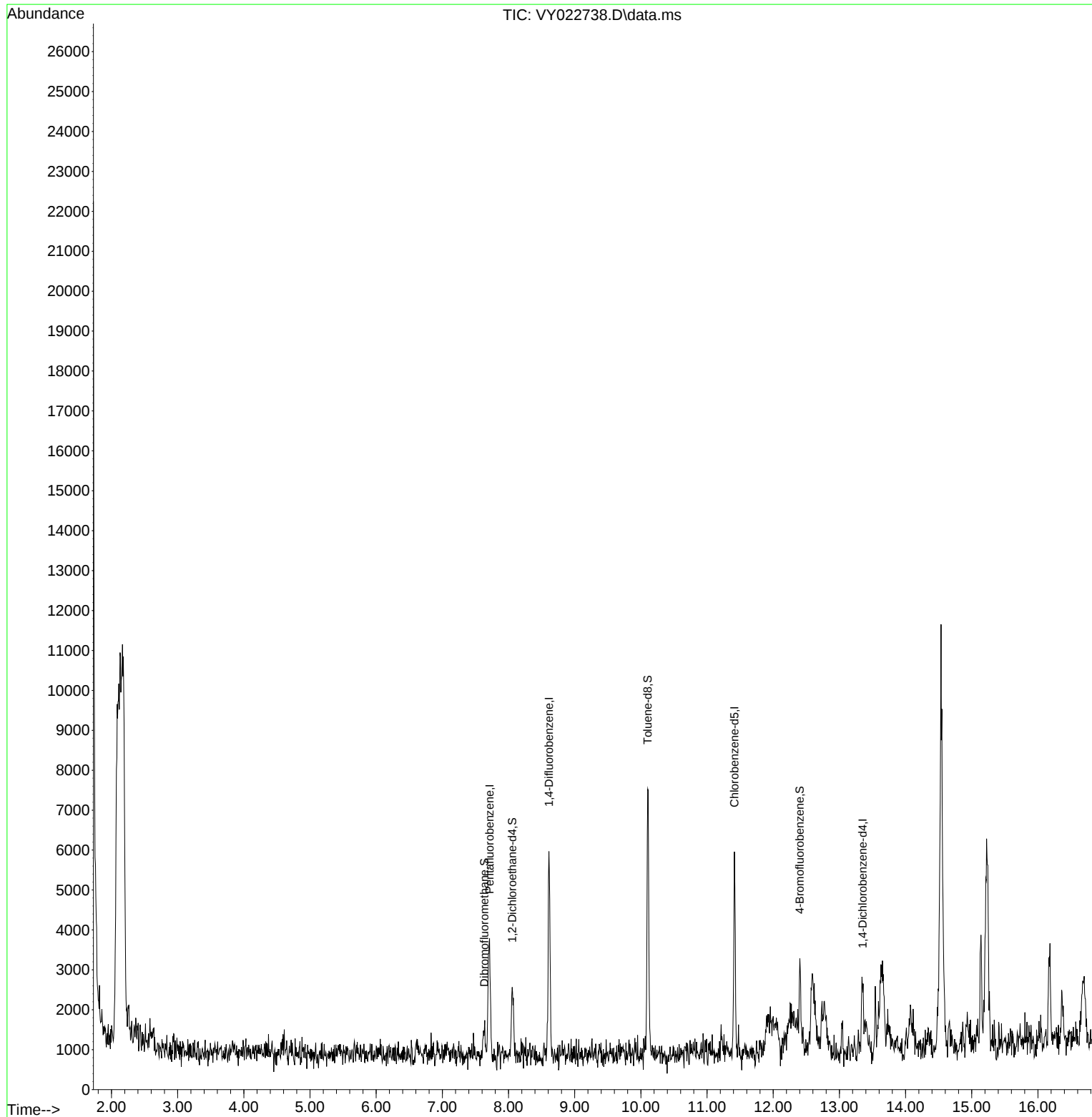
Target Compounds	Qvalue

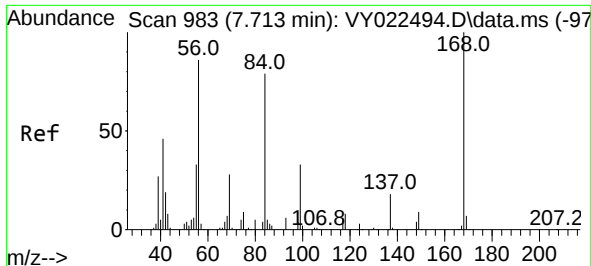
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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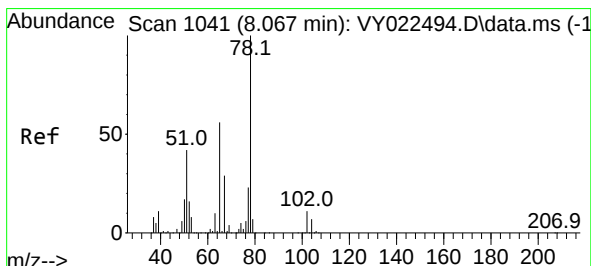
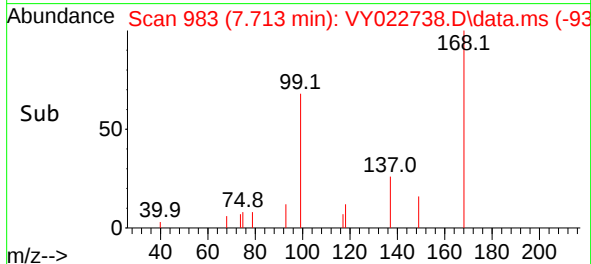
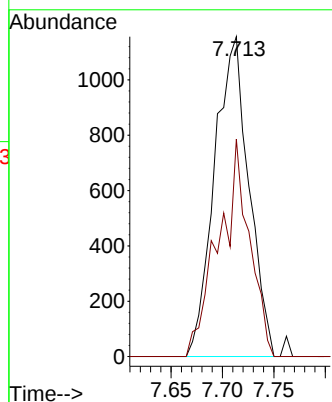
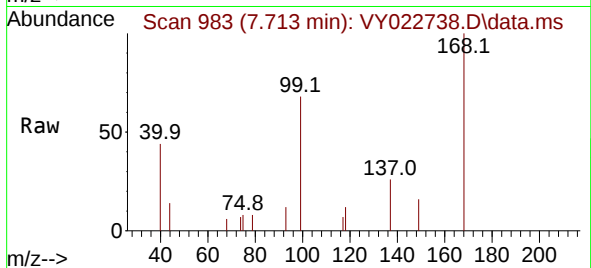




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022738.D
Acq: 18 Jun 2025 15:18

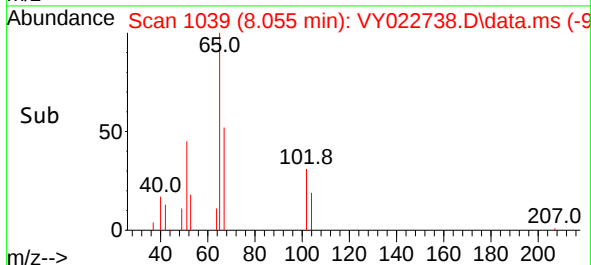
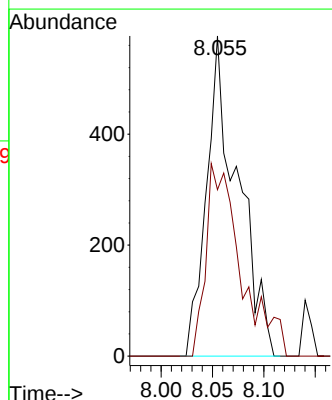
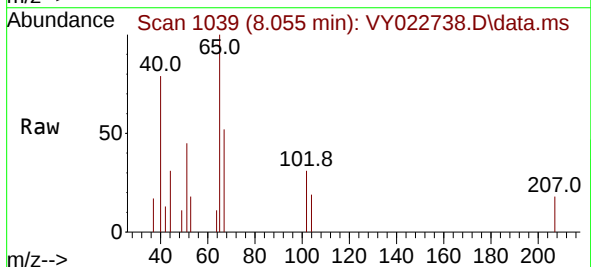
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-06182025

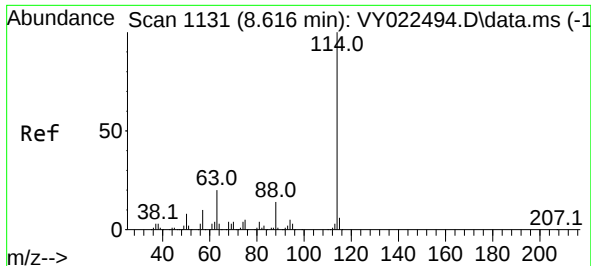
Tgt Ion:168 Resp: 2684
Ion Ratio Lower Upper
168 100
99 68.0 44.3 66.5#



#33
1,2-Dichloroethane-d4
Concen: 40.707 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.012 min
Lab File: VY022738.D
Acq: 18 Jun 2025 15:18

Tgt Ion: 65 Resp: 1222
Ion Ratio Lower Upper
65 100
67 67.3 0.0 103.4

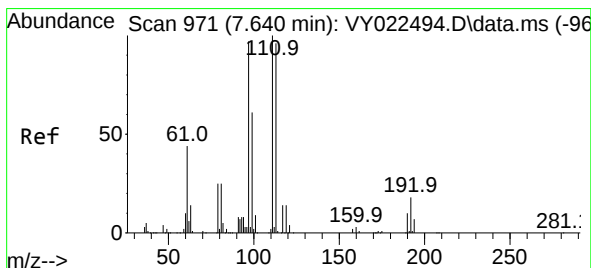
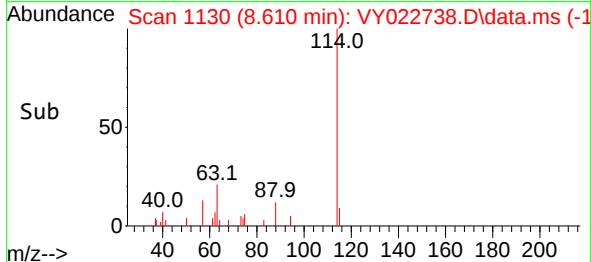
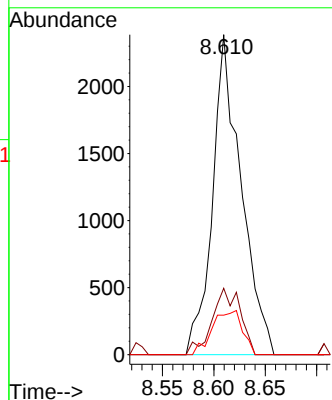
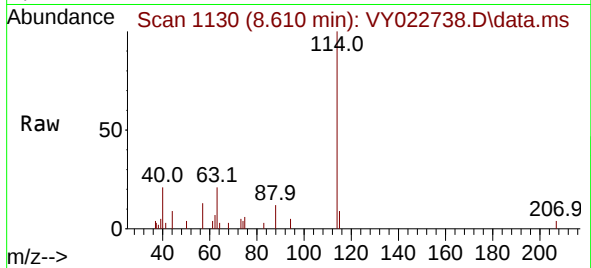




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY022738.D
Acq: 18 Jun 2025 15:18

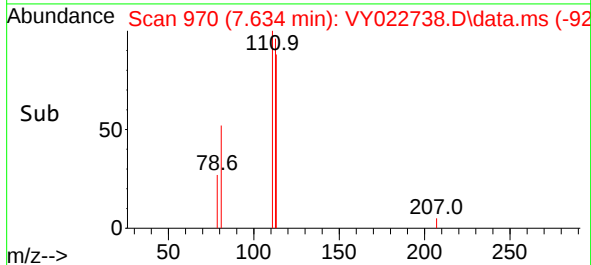
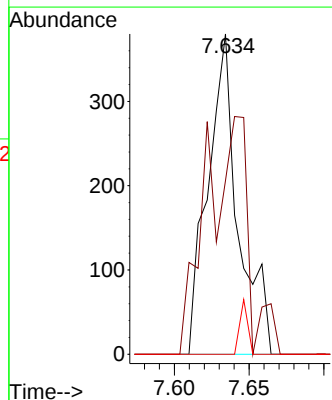
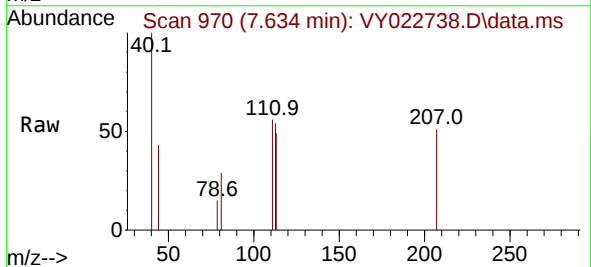
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ClientSampleId :
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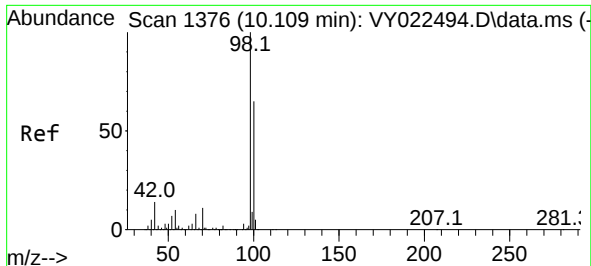
Tgt Ion:	114	Resp:	4609
Ion Ratio	Lower	Upper	
114	100		
63	20.7	0.0	40.8
88	12.3	0.0	27.8



#35
Dibromofluoromethane
Concen: 19.484 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY022738.D
Acq: 18 Jun 2025 15:18

Tgt Ion:	113	Resp:	536
Ion Ratio	Lower	Upper	
113	100		
111	60.4	81.1	121.7#
192	4.5	14.2	21.2#

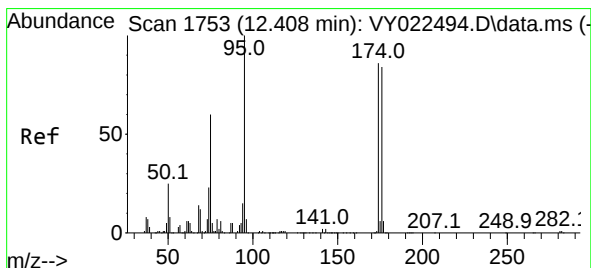
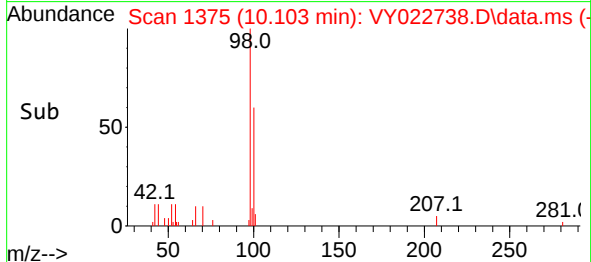
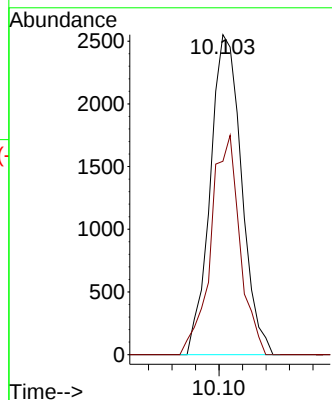
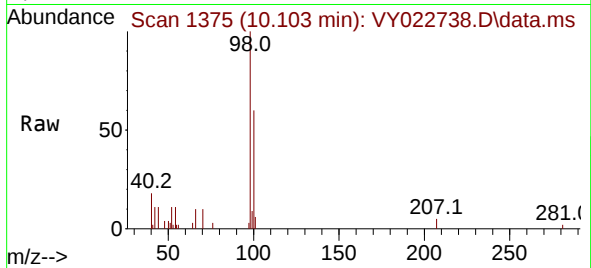




#50
Toluene-d8
Concen: 42.498 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022738.D
Acq: 18 Jun 2025 15:18

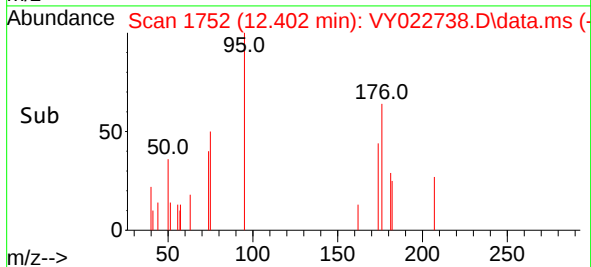
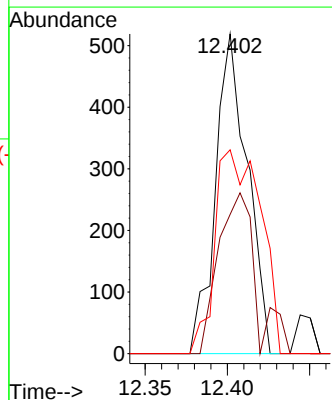
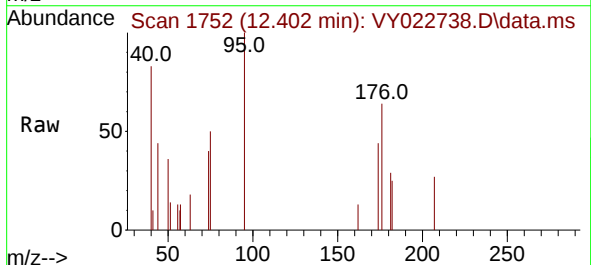
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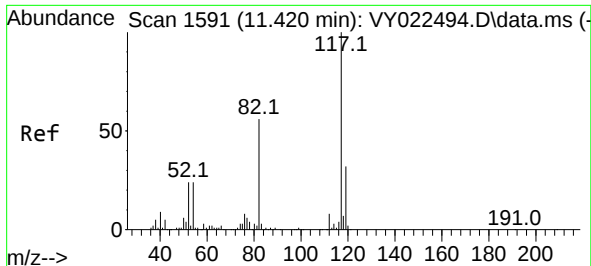
Tgt Ion: 98 Resp: 4724
Ion Ratio Lower Upper
98 100
100 63.5 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 21.196 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022738.D
Acq: 18 Jun 2025 15:18

Tgt Ion: 95 Resp: 702
Ion Ratio Lower Upper
95 100
174 58.7 0.0 170.0
176 91.5 0.0 166.2

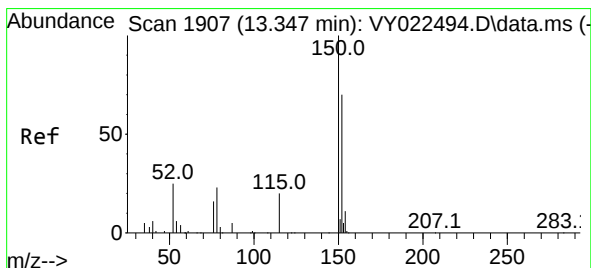
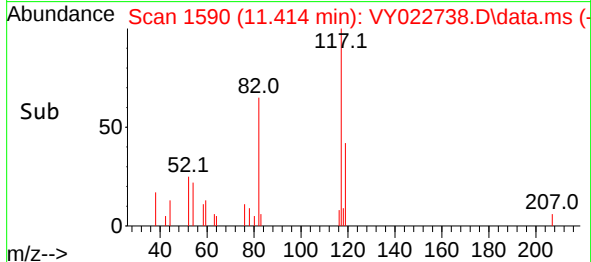
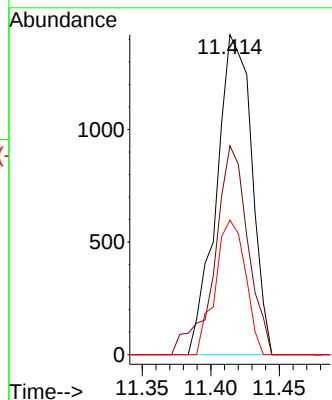
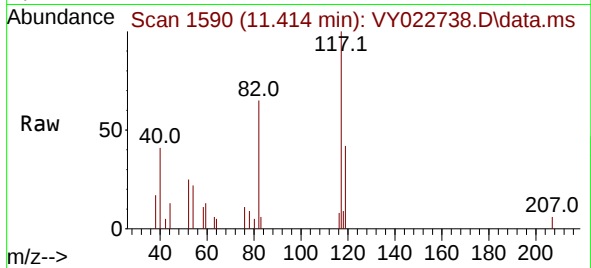




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY022738.D
Acq: 18 Jun 2025 15:18

Instrument :
MSVOA_Y
ClientSampleId :
NB-07-06182025

Tgt Ion:117 Resp: 2544
Ion Ratio Lower Upper
117 100
82 65.2 44.6 66.8
119 42.0 25.4 38.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY022738.D
Acq: 18 Jun 2025 15:18

Tgt Ion:152 Resp: 380
Ion Ratio Lower Upper
152 100
115 122.4 28.9 86.7#
150 206.6 0.0 349.6

