

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020425\
 Data File : VY021063.D
 Acq On : 04 Feb 2025 17:00
 Operator : SY/MD
 Sample : Q1241-01
 Misc : 7.16g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-3.5-013025

Quant Time: Feb 05 00:48:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

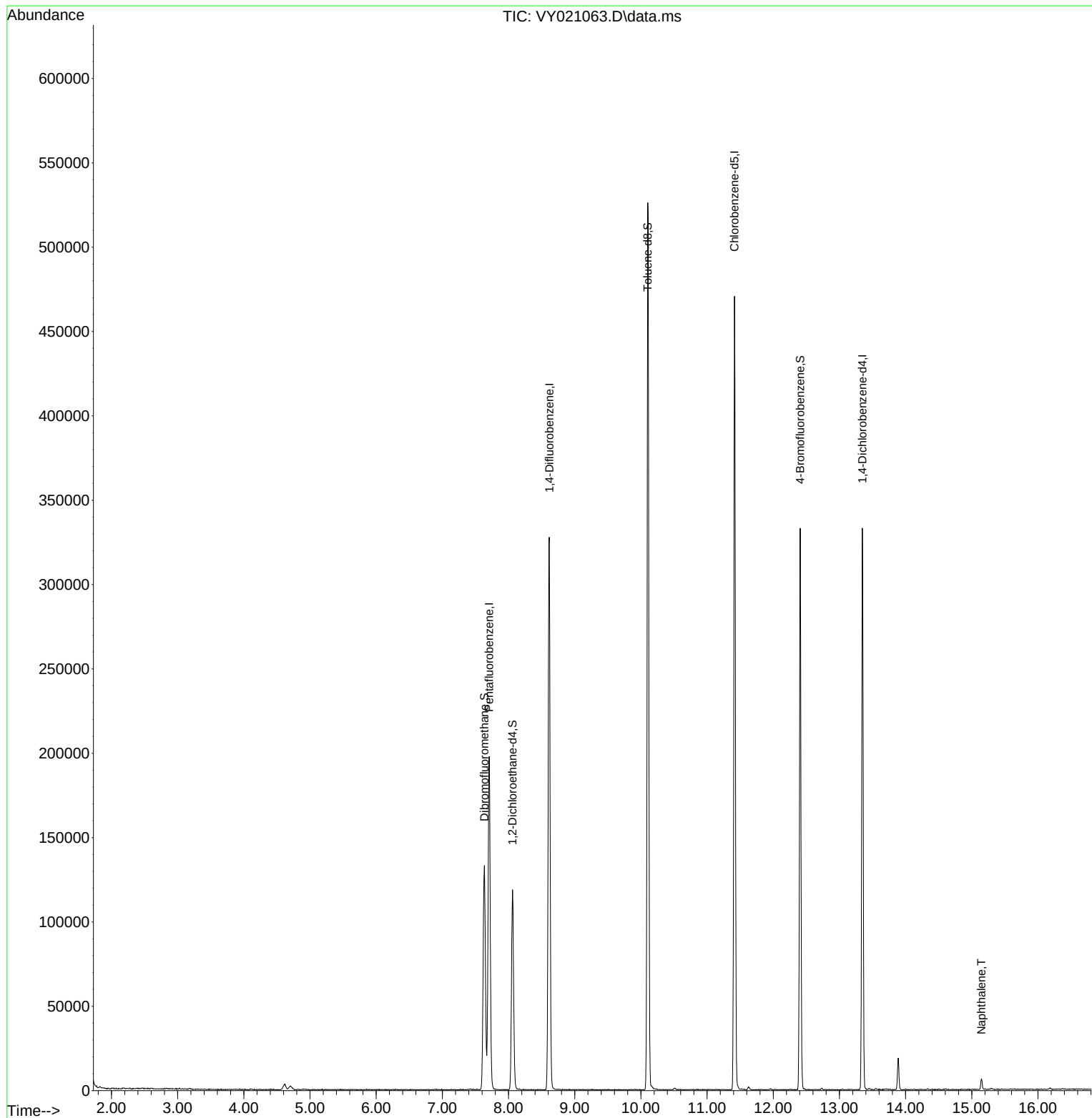
Internal Standards						
1) Pentafluorobenzene	7.707	168	148841	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	277787	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	241489	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	81247	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	94102	61.706	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.420%	
35) Dibromofluoromethane	7.634	113	93924	52.759	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.520%	
50) Toluene-d8	10.103	98	338200	49.900	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.800%	
62) 4-Bromofluorobenzene	12.408	95	94037	42.470	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 84.940%	
Target Compounds						
95) Naphthalene	15.145	128	4992	2.284	ug/l	Qvalue # 96

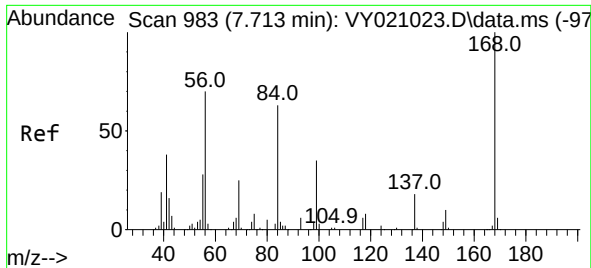
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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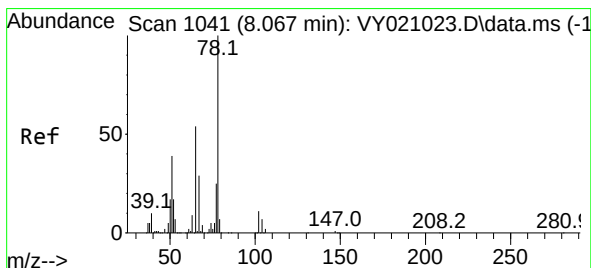
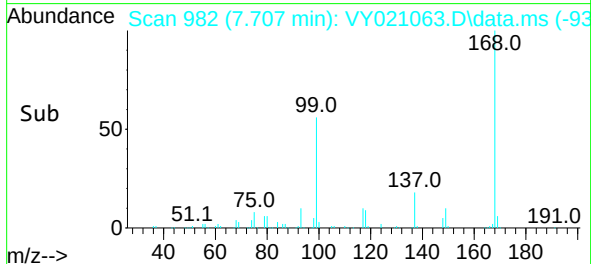
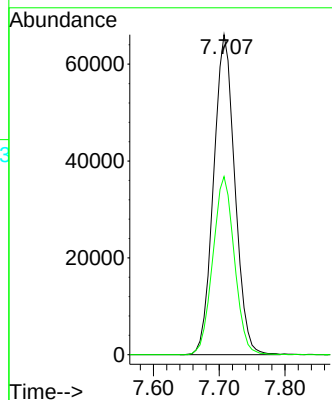
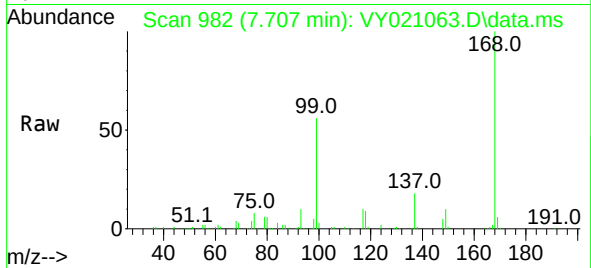




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021063.D
Acq: 04 Feb 2025 17:00

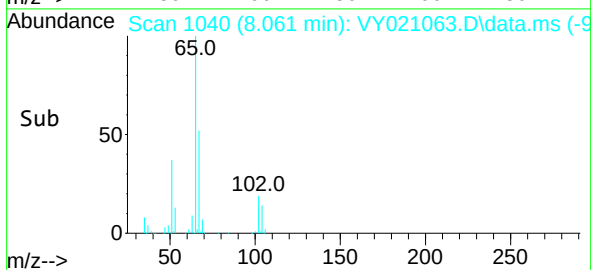
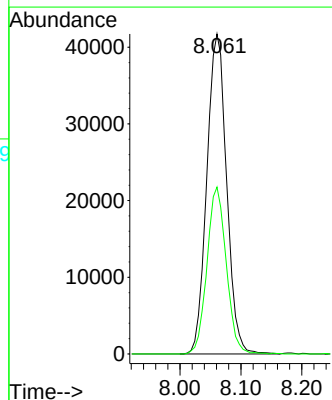
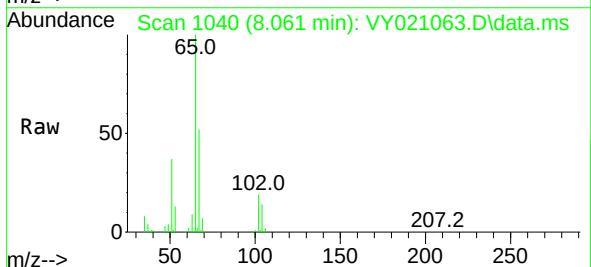
Instrument :
MSVOA_Y
ClientSampleId :
JPP-3.5-013025

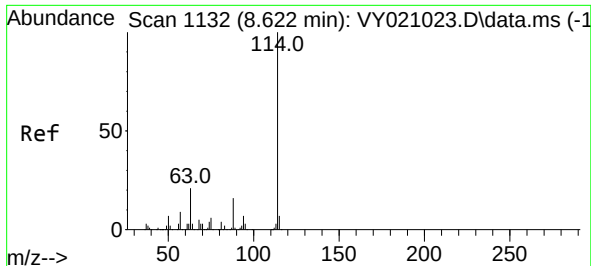
Tgt Ion:168 Resp: 148841
Ion Ratio Lower Upper
168 100
99 55.6 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 61.706 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021063.D
Acq: 04 Feb 2025 17:00

Tgt Ion: 65 Resp: 94102
Ion Ratio Lower Upper
65 100
67 50.8 0.0 109.0

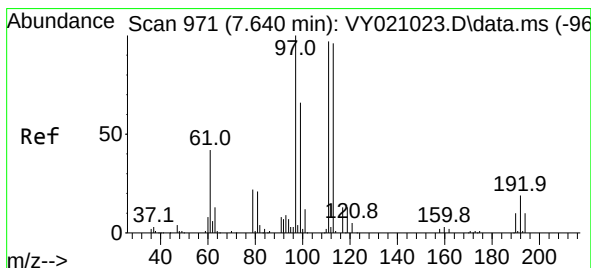
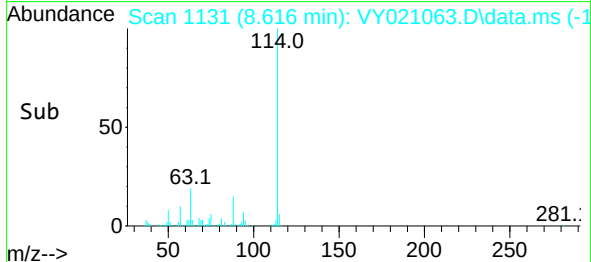
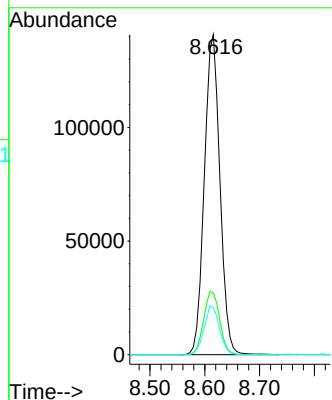
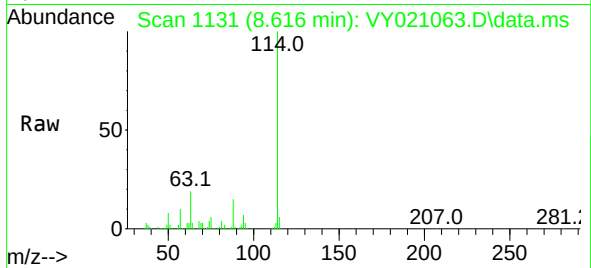




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY021063.D
Acq: 04 Feb 2025 17:00

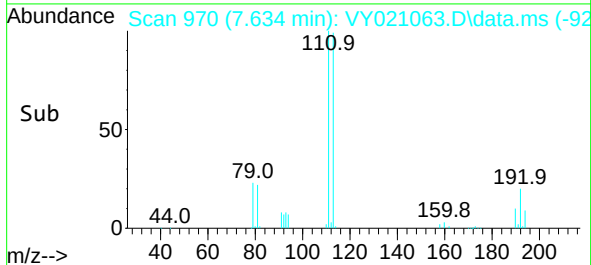
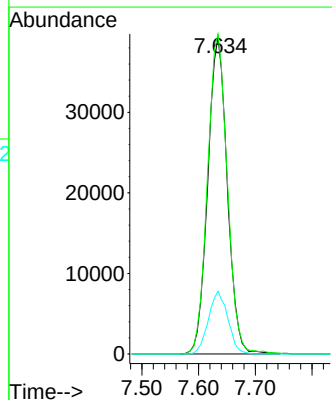
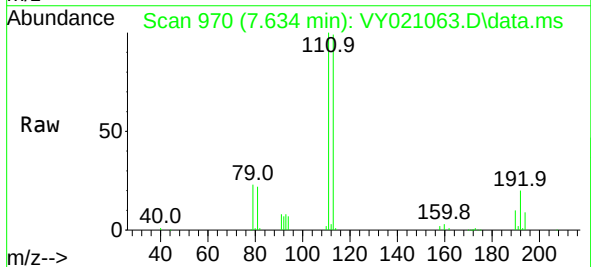
Instrument :
MSVOA_Y
ClientSampleId :
JPP-3.5-013025

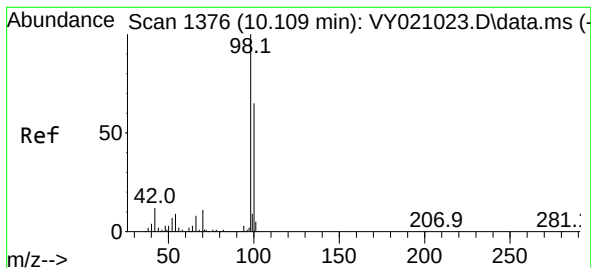
Tgt Ion:114 Resp: 277787
Ion Ratio Lower Upper
114 100
63 19.3 0.0 37.4
88 14.7 0.0 29.0



#35
Dibromofluoromethane
Concen: 52.759 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021063.D
Acq: 04 Feb 2025 17:00

Tgt Ion:113 Resp: 93924
Ion Ratio Lower Upper
113 100
111 102.5 83.8 125.6
192 19.7 14.5 21.7

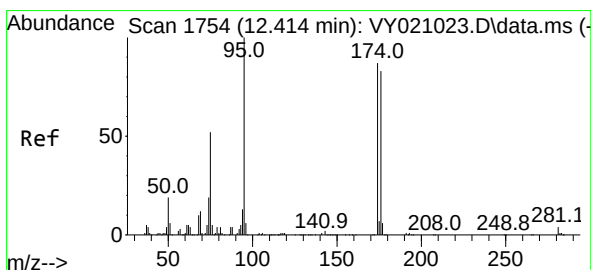
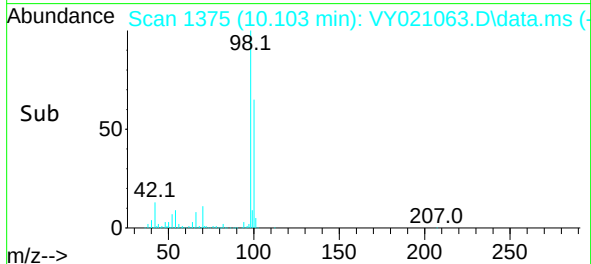
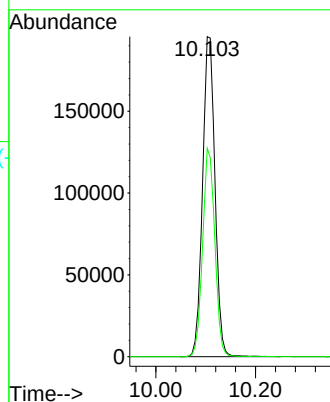
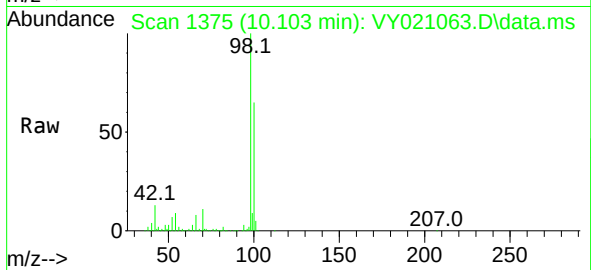




#50
Toluene-d8
Concen: 49.900 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY021063.D
Acq: 04 Feb 2025 17:00

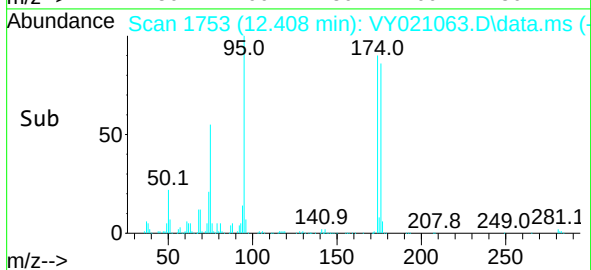
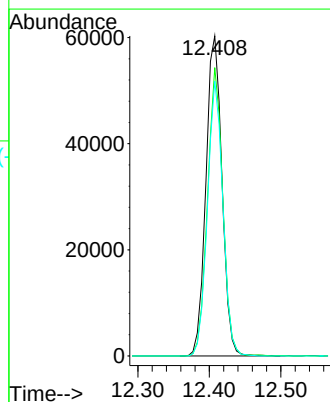
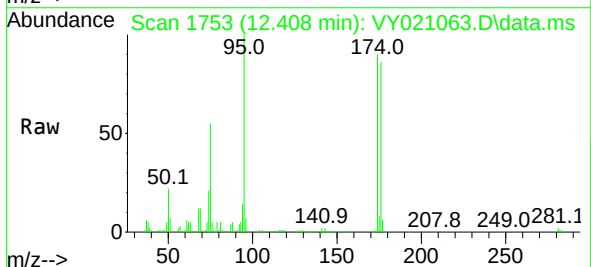
Instrument :
MSVOA_Y
ClientSampleId :
JPP-3.5-013025

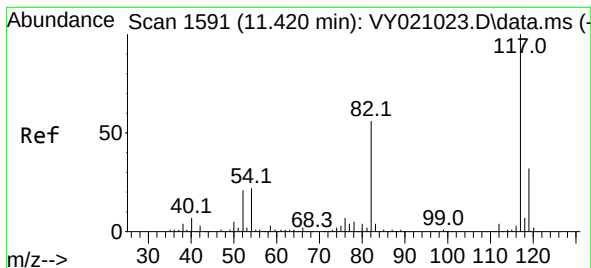
Tgt Ion: 98 Resp: 338200
Ion Ratio Lower Upper
98 100
100 64.0 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 42.470 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021063.D
Acq: 04 Feb 2025 17:00

Tgt Ion: 95 Resp: 94037
Ion Ratio Lower Upper
95 100
174 86.0 0.0 160.0
176 82.6 0.0 151.8

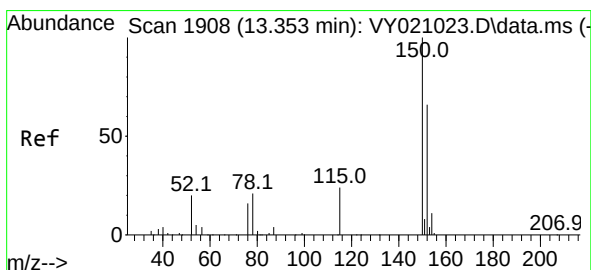
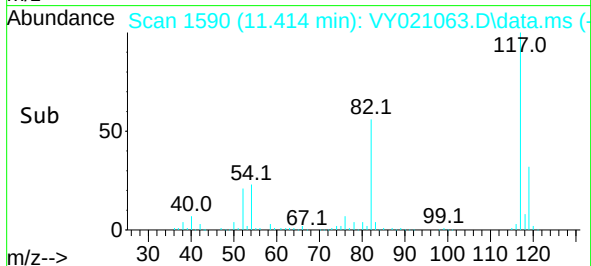
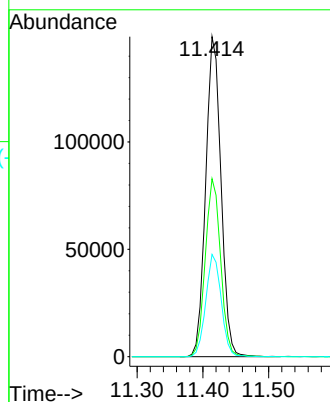
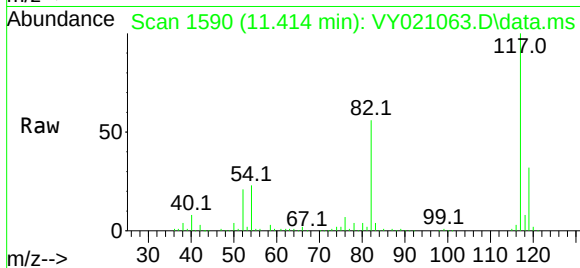




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021063.D
Acq: 04 Feb 2025 17:00

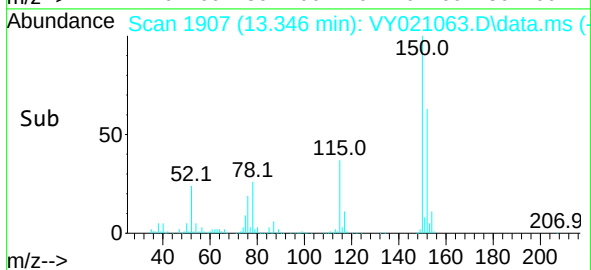
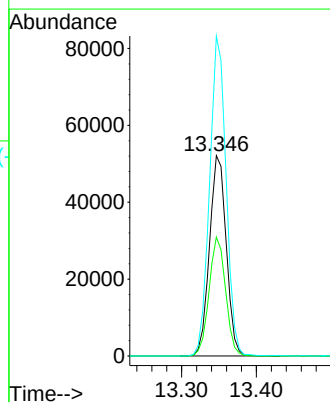
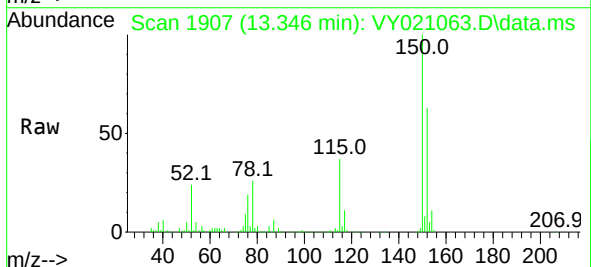
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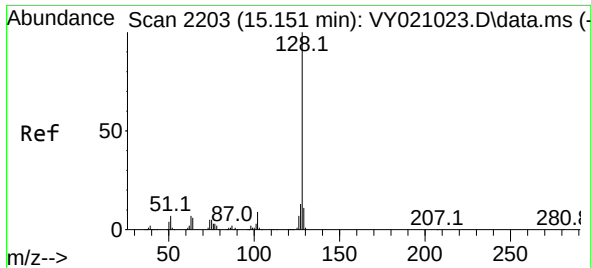
Tgt Ion:117 Resp: 241489
Ion Ratio Lower Upper
117 100
82 55.6 43.8 65.8
119 32.0 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021063.D
Acq: 04 Feb 2025 17:00

Tgt Ion:152 Resp: 81247
Ion Ratio Lower Upper
152 100
115 58.3 30.0 90.0
150 156.9 0.0 344.6





#95

Naphthalene

Concen: 2.284 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY021063.D

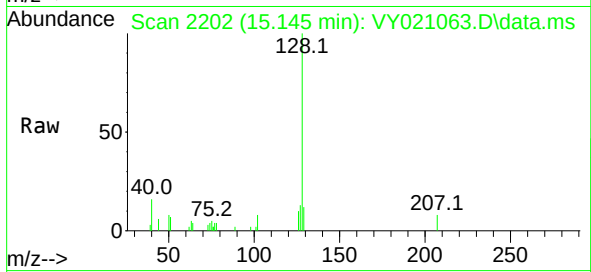
Acq: 04 Feb 2025 17:00

Instrument :

MSVOA_Y

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Tgt Ion:128 Resp: 4992

Ion Ratio Lower Upper

128 100

127 13.5 10.2 15.4

129 13.4 8.6 12.8#

