

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020425\
 Data File : VY021058.D
 Acq On : 04 Feb 2025 15:03
 Operator : SY/MD
 Sample : Q1232-09
 Misc : 11.52g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-42.1-012925

Quant Time: Feb 05 00:47:24 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)

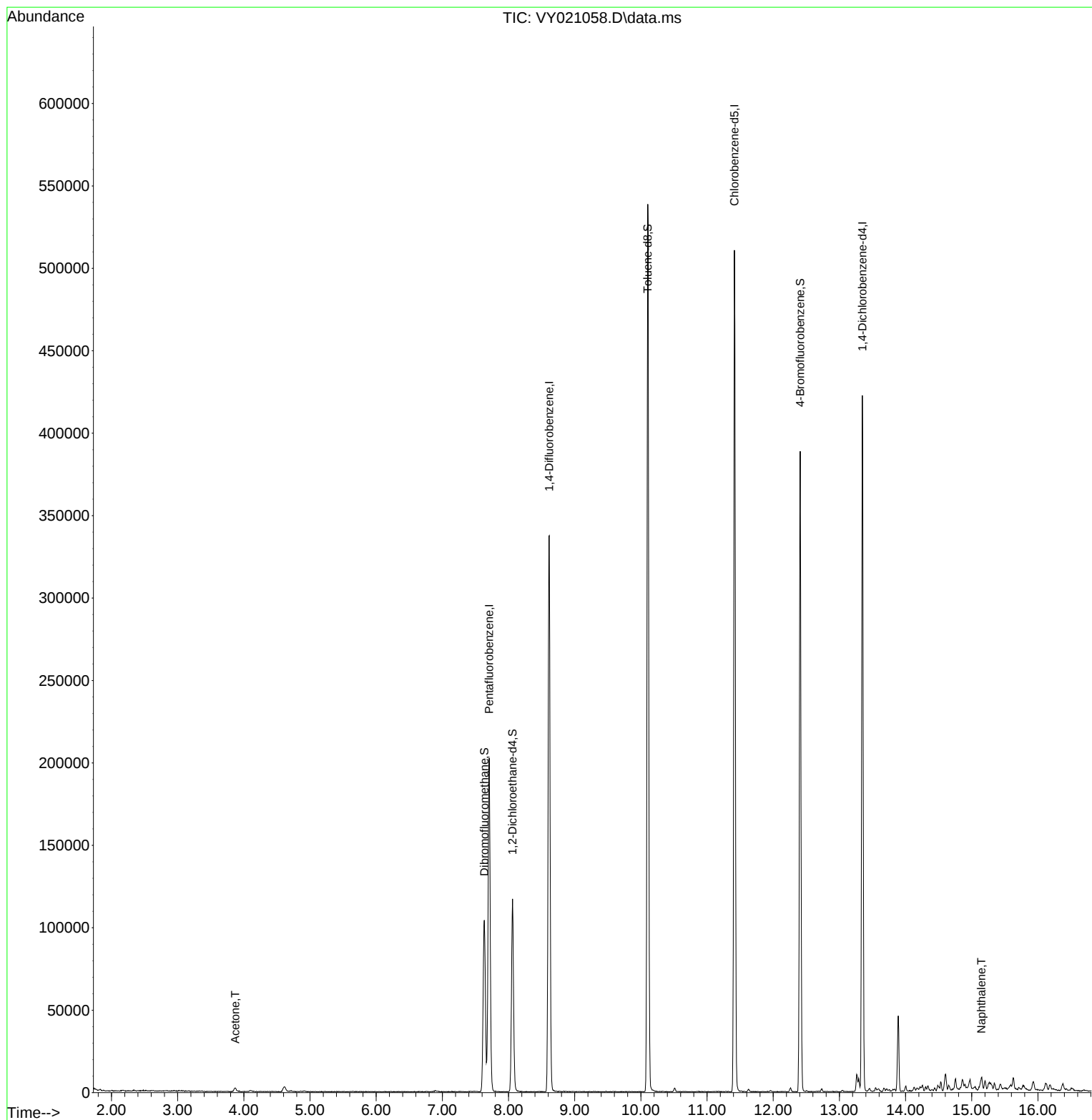
Internal Standards						
1) Pentafluorobenzene	7.707	168	151174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	284356	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	260317	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	104742	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	92035	59.420	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.840%
35) Dibromofluoromethane	7.634	113	73028	40.074	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.140%
50) Toluene-d8	10.103	98	349551	50.384	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.760%
62) 4-Bromofluorobenzene	12.408	95	108337	47.798	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.600%
Target Compounds						
					Qvalue	
16) Acetone	3.873	43	3610	14.945	ug/l	94
95) Naphthalene	15.145	128	5958	2.114	ug/l #	96

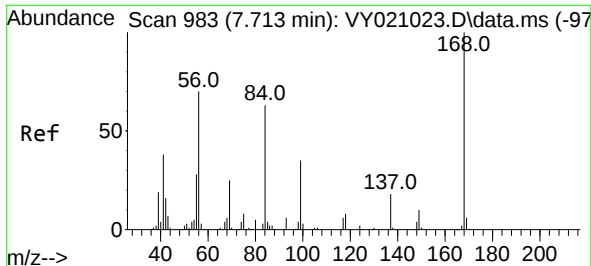
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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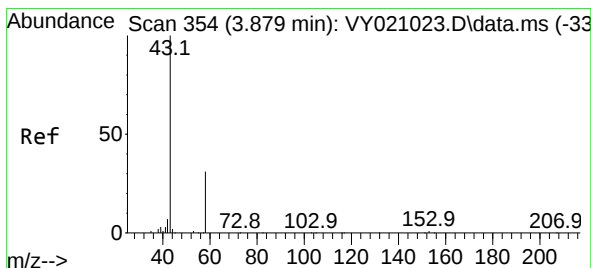
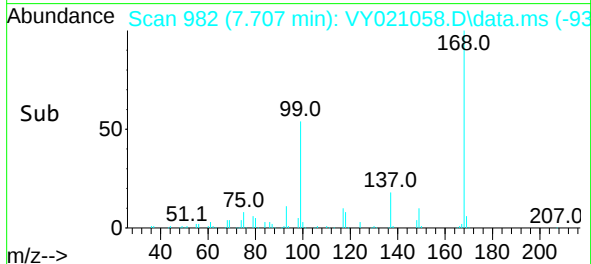
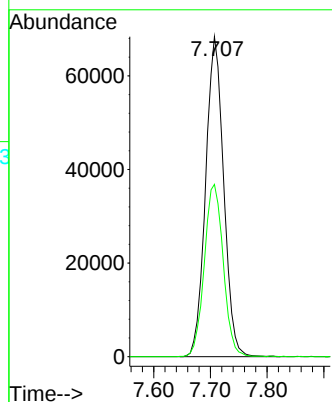
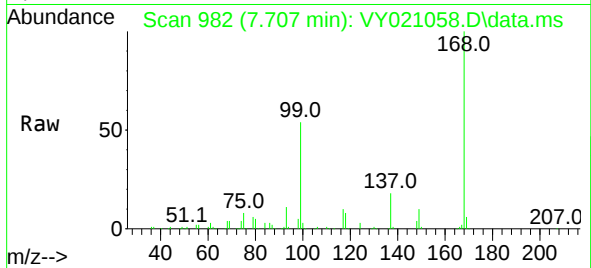




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 99
Delta R.T. -0.006 min
Lab File: VY021058.D
Acq: 04 Feb 2025 15:03

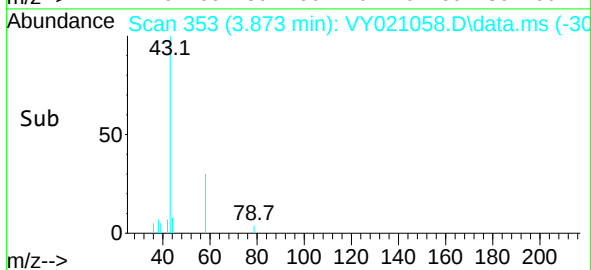
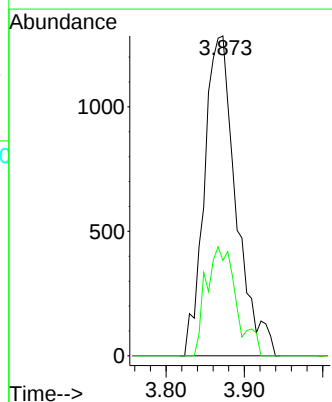
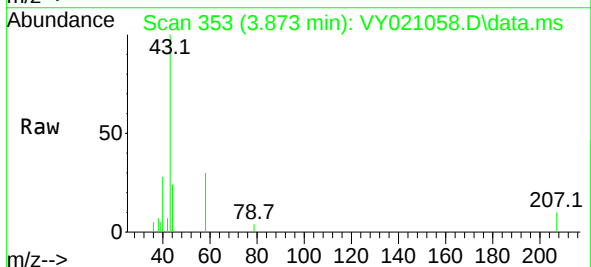
Instrument :
MSVOA_Y
ClientSampleId :
JPP-42.1-012925

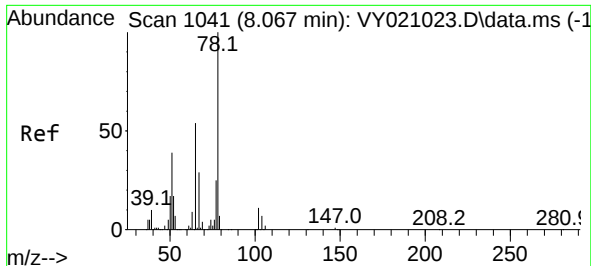
Tgt Ion:168 Resp: 151174
Ion Ratio Lower Upper
168 100
99 53.9 44.2 66.4



#16
Acetone
Concen: 14.945 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY021058.D
Acq: 04 Feb 2025 15:03

Tgt Ion: 43 Resp: 3610
Ion Ratio Lower Upper
43 100
58 29.8 26.6 39.8





#33

1,2-Dichloroethane-d4

Concen: 59.420 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021058.D

Acq: 04 Feb 2025 15:03

Instrument :

MSVOA_Y

ClientSampleId :

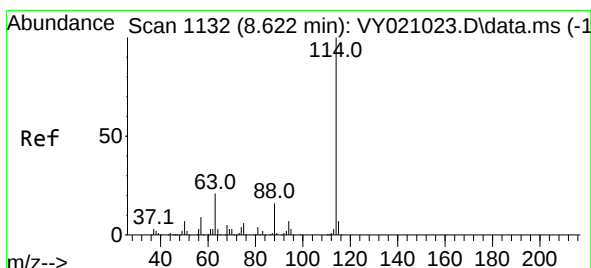
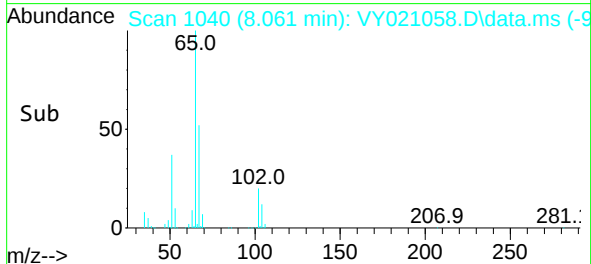
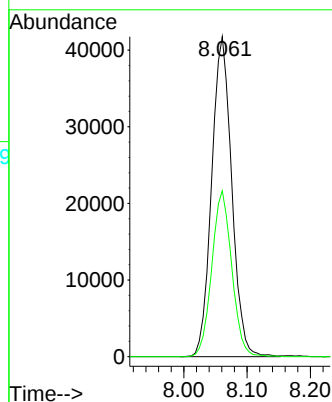
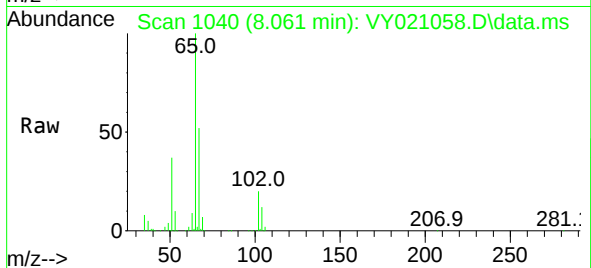
JPP-42.1-012925

Tgt Ion: 65 Resp: 92035

Ion Ratio Lower Upper

65 100

67 51.5 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: VY021058.D

Acq: 04 Feb 2025 15:03

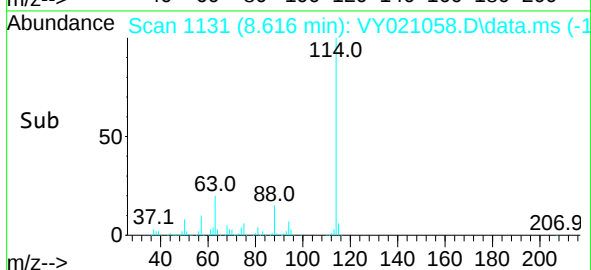
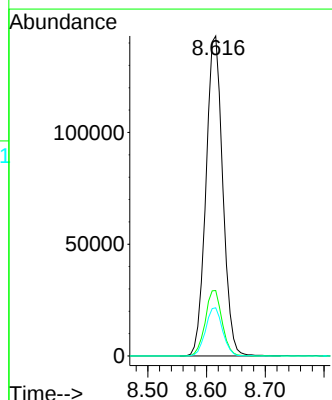
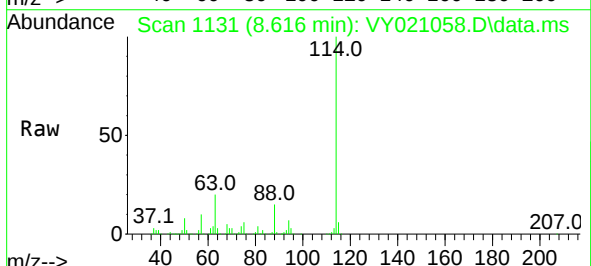
Tgt Ion: 114 Resp: 284356

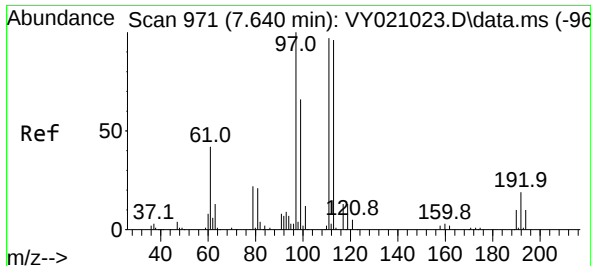
Ion Ratio Lower Upper

114 100

63 20.4 0.0 37.4

88 15.1 0.0 29.0

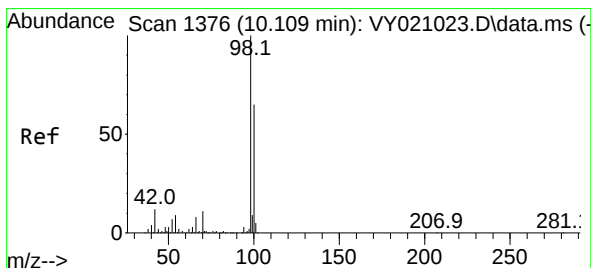
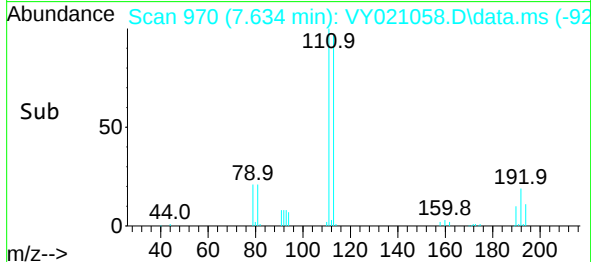
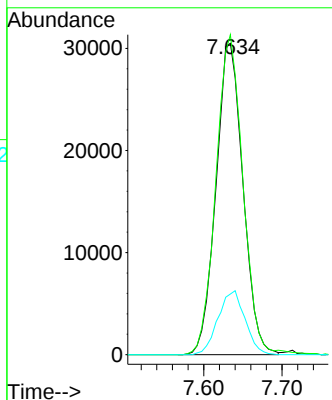
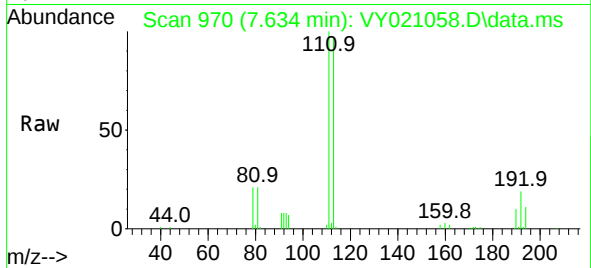




#35
Dibromofluoromethane
Concen: 40.074 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021058.D
Acq: 04 Feb 2025 15:03

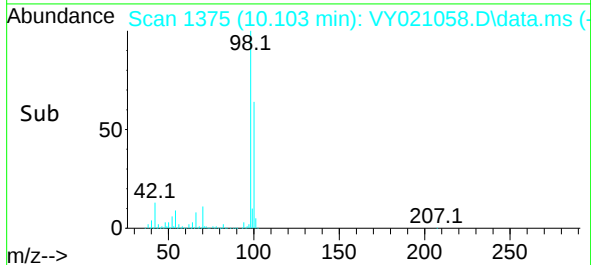
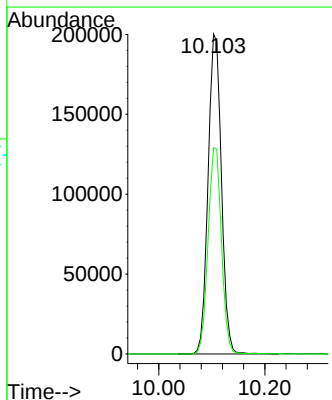
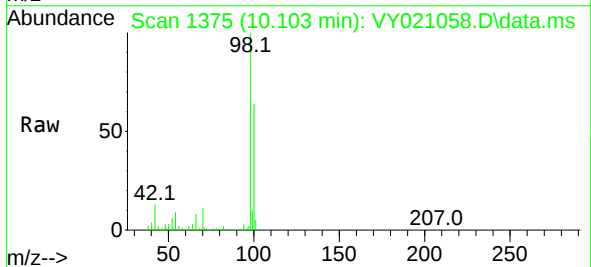
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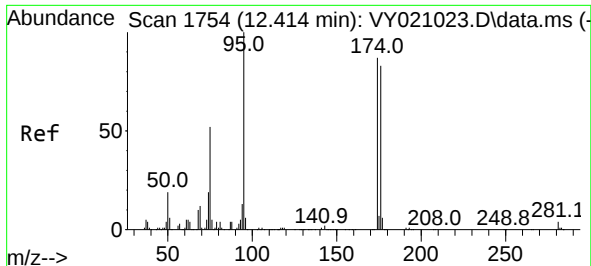
Tgt Ion:113 Resp: 73028
Ion Ratio Lower Upper
113 100
111 103.1 83.8 125.6
192 20.6 14.5 21.7



#50
Toluene-d8
Concen: 50.384 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY021058.D
Acq: 04 Feb 2025 15:03

Tgt Ion: 98 Resp: 349551
Ion Ratio Lower Upper
98 100
100 64.5 52.3 78.5

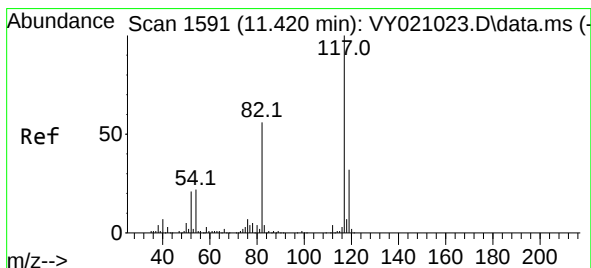
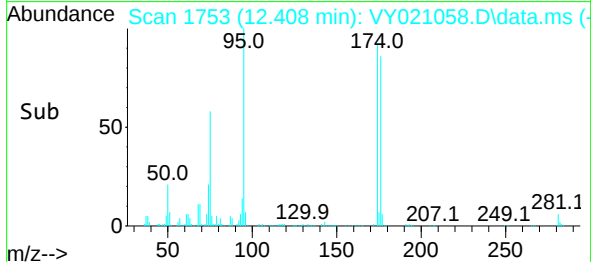
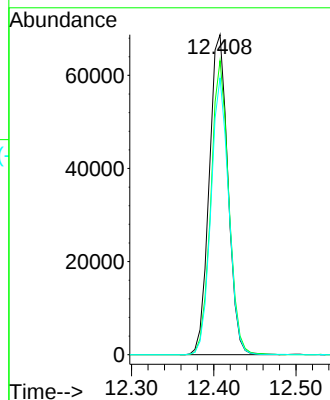
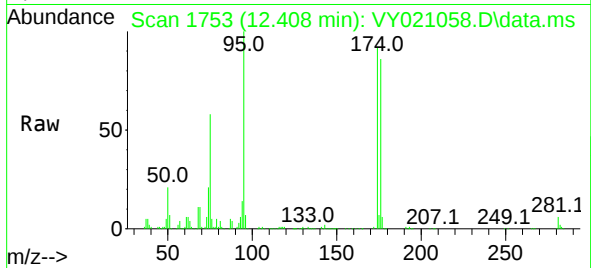




#62
4-Bromofluorobenzene
Concen: 47.798 ug/l
RT: 12.408 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021058.D
Acq: 04 Feb 2025 15:03

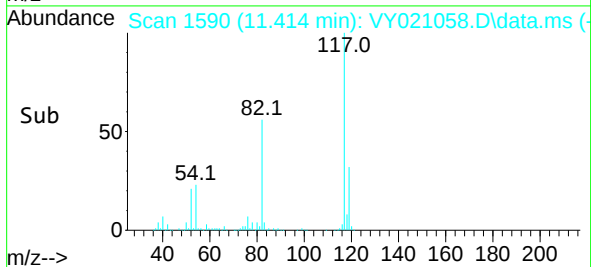
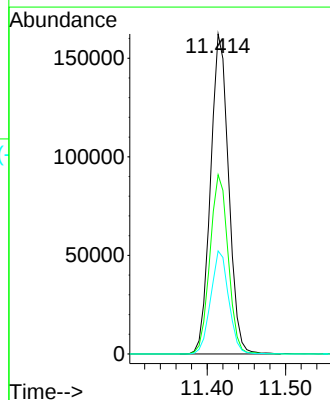
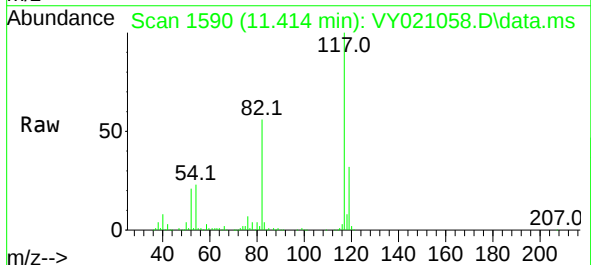
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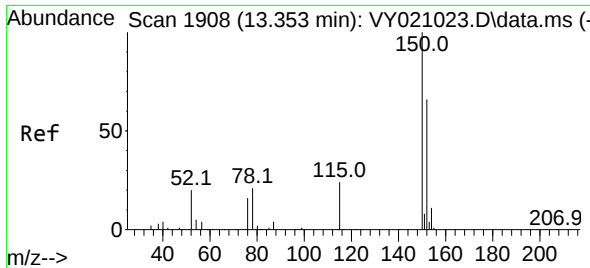
Tgt Ion: 95 Resp: 108337
Ion Ratio Lower Upper
95 100
174 88.1 0.0 160.0
176 82.5 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY021058.D
Acq: 04 Feb 2025 15:03

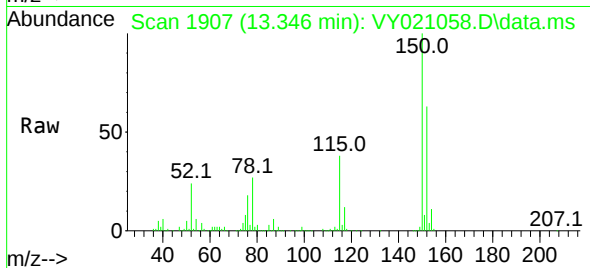
Tgt Ion: 117 Resp: 260317
Ion Ratio Lower Upper
117 100
82 56.0 43.8 65.8
119 32.2 26.5 39.7



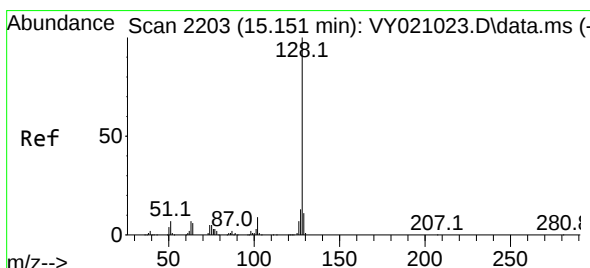
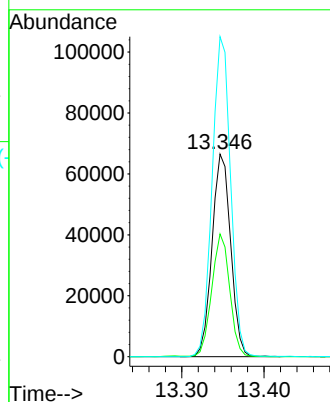
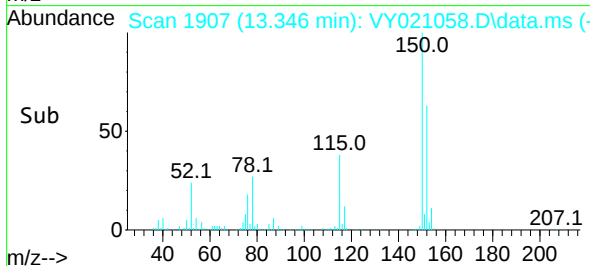


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.006 min
 Lab File: VY021058.D
 Acq: 04 Feb 2025 15:03

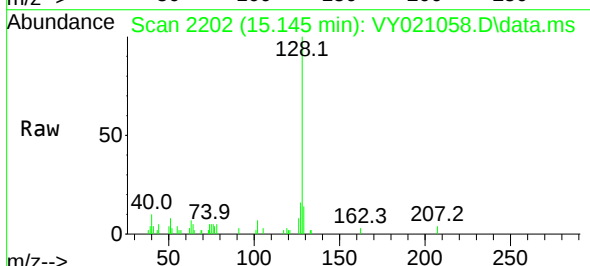
Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-42.1-012925



Tgt Ion:152 Resp: 104742
 Ion Ratio Lower Upper
 152 100
 115 58.3 30.0 90.0
 150 156.2 0.0 344.6



#95
 Naphthalene
 Concen: 2.114 ug/l
 RT: 15.145 min Scan# 2202
 Delta R.T. -0.006 min
 Lab File: VY021058.D
 Acq: 04 Feb 2025 15:03



Tgt Ion:128 Resp: 5958
 Ion Ratio Lower Upper
 128 100
 127 12.6 10.2 15.4
 129 13.9 8.6 12.8#

