

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
 Data File : VY021043.D
 Acq On : 03 Feb 2025 20:31
 Operator : SY/MD
 Sample : Q1207-09
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-4.5-012725

Quant Time: Feb 04 01:00:23 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)

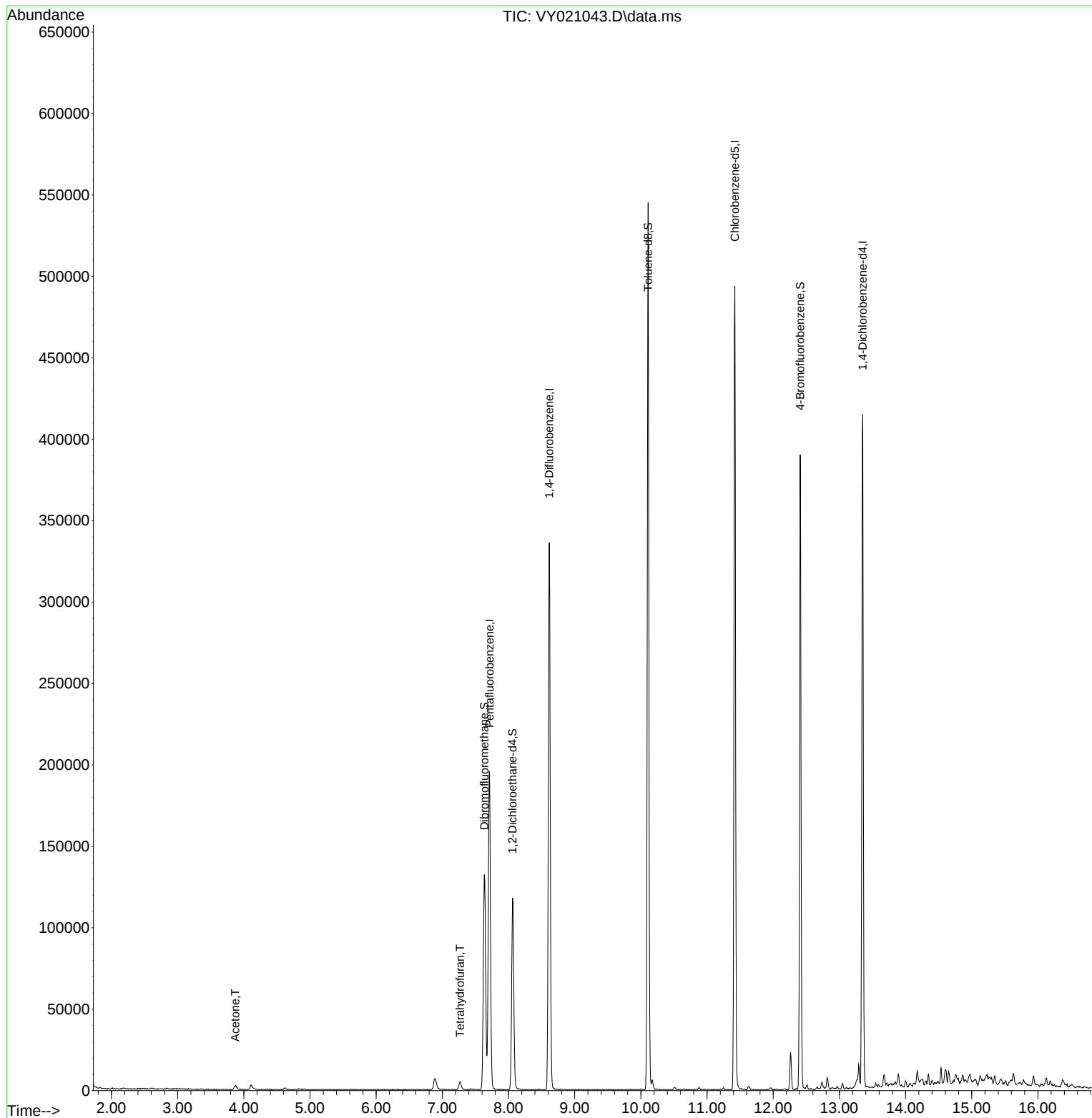
Internal Standards						
1) Pentafluorobenzene	7.713	168	150159	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	279067	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	254825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	103960	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	94579	61.475	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 122.940%			
35) Dibromofluoromethane	7.634	113	94924	53.076	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.160%			
50) Toluene-d8	10.109	98	338079	49.654	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.300%			
62) 4-Bromofluorobenzene	12.408	95	108833	48.927	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 97.860%			
Target Compounds						
16) Acetone	3.873	43	4520	18.839	ug/l	95
29) Tetrahydrofuran	7.268	42	3974	14.896	ug/l	93

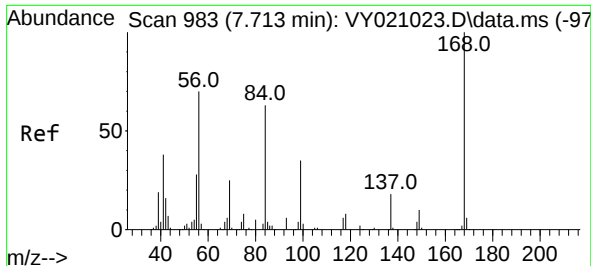
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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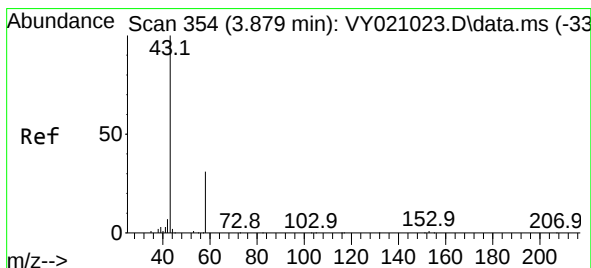
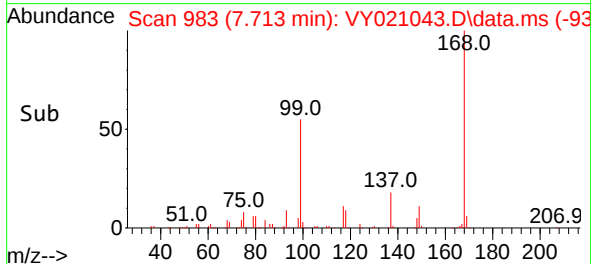
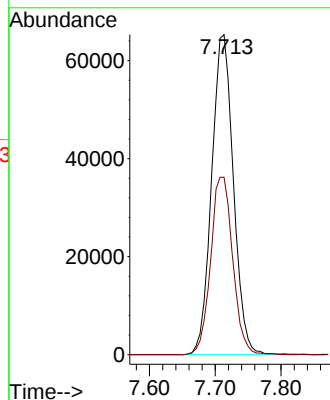
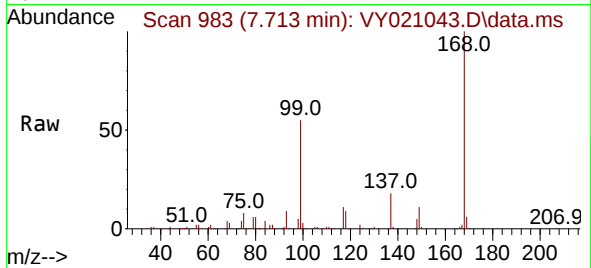




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY021043.D
Acq: 03 Feb 2025 20:31

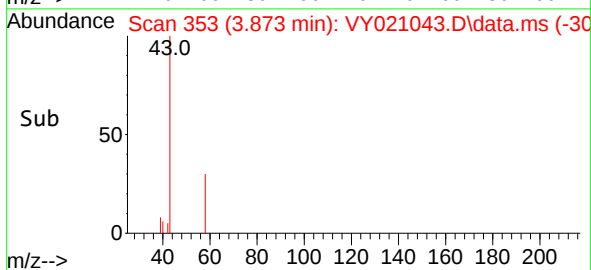
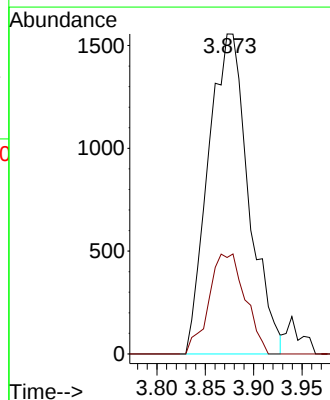
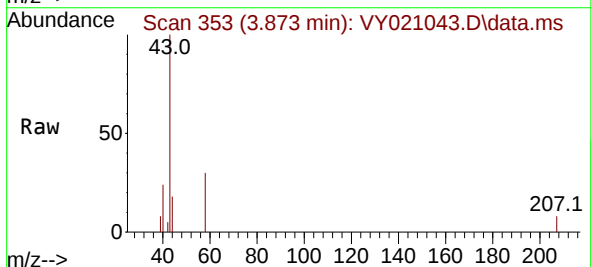
Instrument :
MSVOA_Y
ClientSampleId :
JPP-4.5-012725

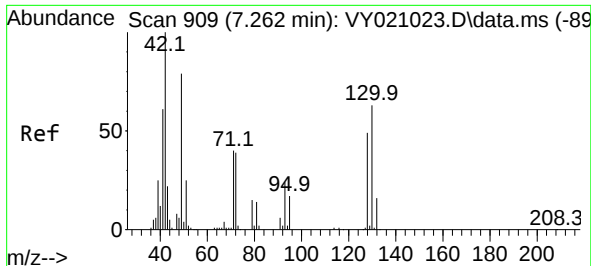
Tgt Ion:168 Resp: 150159
Ion Ratio Lower Upper
168 100
99 55.5 44.2 66.4



#16
Acetone
Concen: 18.839 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY021043.D
Acq: 03 Feb 2025 20:31

Tgt Ion: 43 Resp: 4520
Ion Ratio Lower Upper
43 100
58 30.1 26.6 39.8





#29

Tetrahydrofuran

Concen: 14.896 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY021043.D

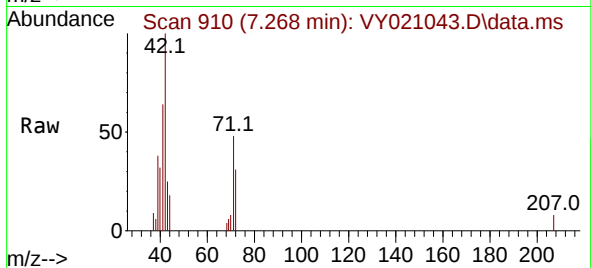
Acq: 03 Feb 2025 20:31

Instrument :

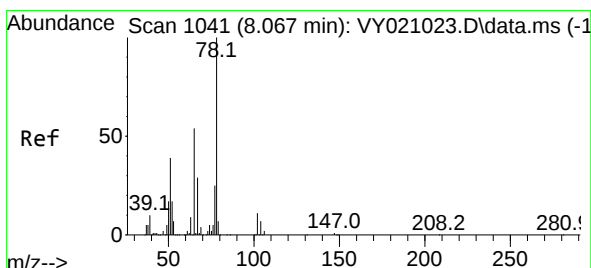
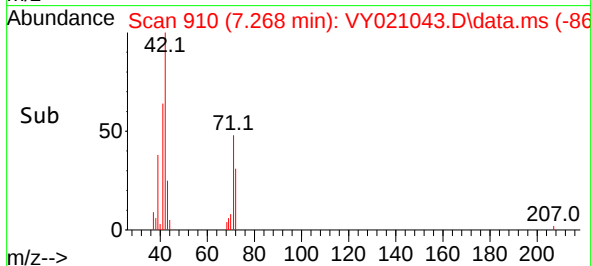
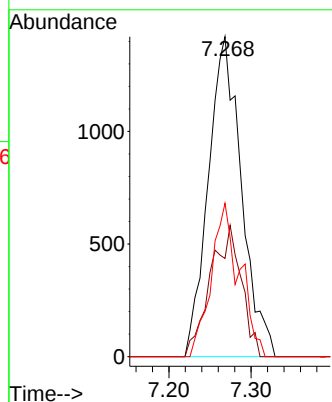
MSVOA_Y

ClientSampleId :

JPP-4.5-012725



Tgt Ion:	42	Resp:	3974
Ion	Ratio	Lower	Upper
42	100		
72	38.1	36.6	54.8
71	41.2	33.8	50.6



#33

1,2-Dichloroethane-d4

Concen: 61.475 ug/l

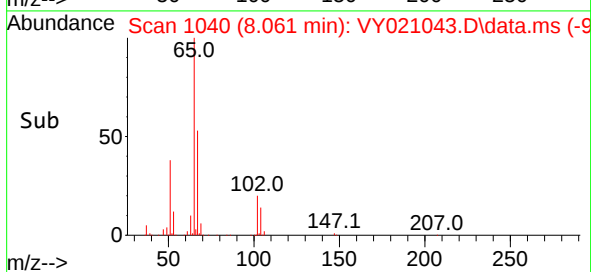
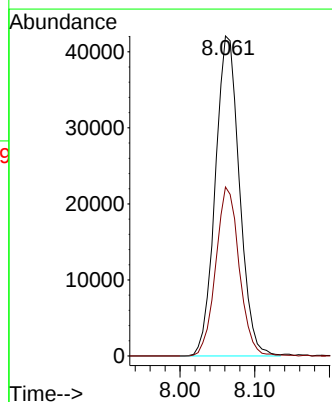
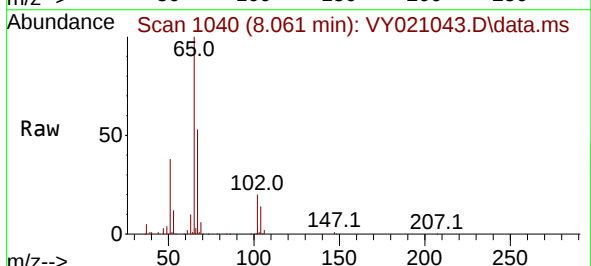
RT: 8.061 min Scan# 1040

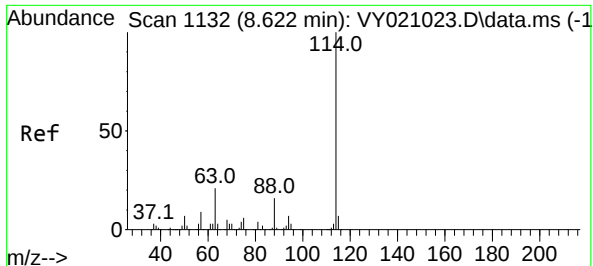
Delta R.T. -0.006 min

Lab File: VY021043.D

Acq: 03 Feb 2025 20:31

Tgt Ion:	65	Resp:	94579
Ion	Ratio	Lower	Upper
65	100		
67	51.4	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: VY021043.D

Acq: 03 Feb 2025 20:31

Instrument :

MSVOA_Y

ClientSampleId :

JPP-4.5-012725

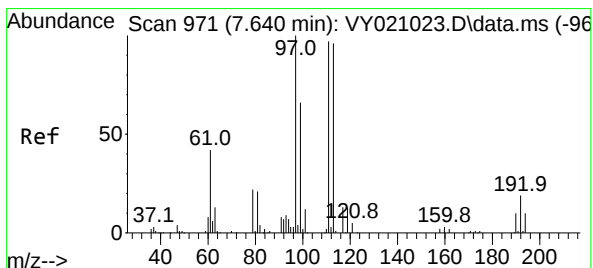
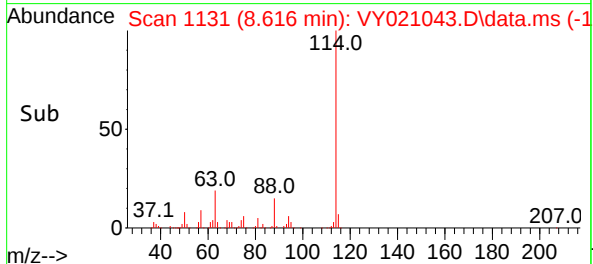
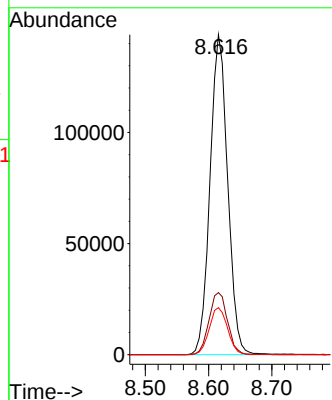
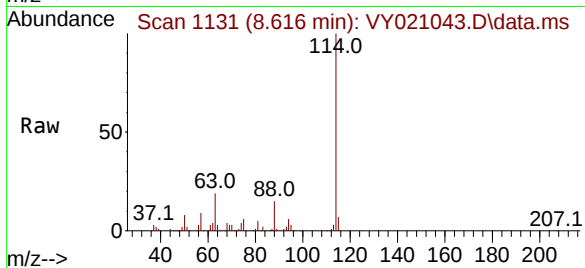
Tgt Ion:114 Resp: 279067

Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.4

88 14.7 0.0 29.0



#35

Dibromofluoromethane

Concen: 53.076 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.006 min

Lab File: VY021043.D

Acq: 03 Feb 2025 20:31

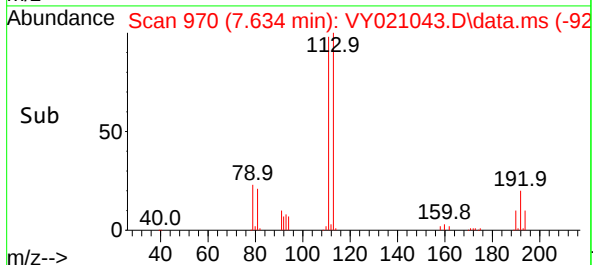
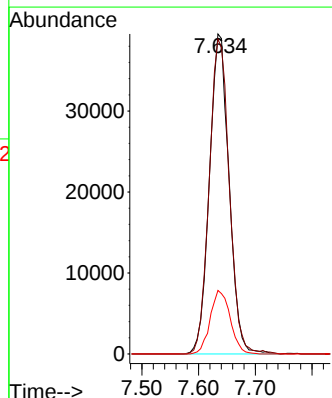
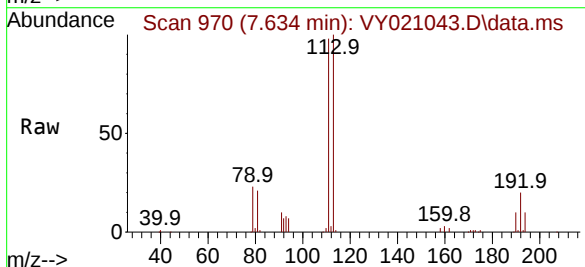
Tgt Ion:113 Resp: 94924

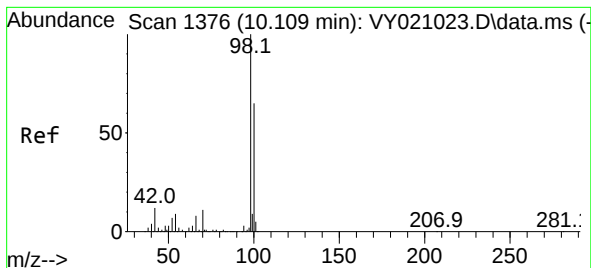
Ion Ratio Lower Upper

113 100

111 101.0 83.8 125.6

192 20.3 14.5 21.7

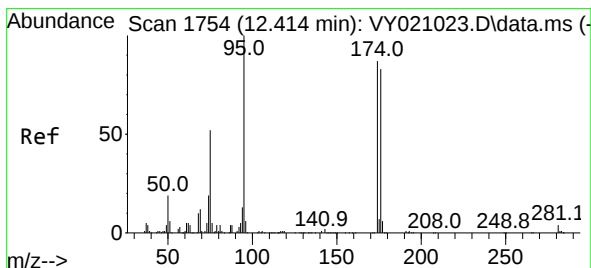
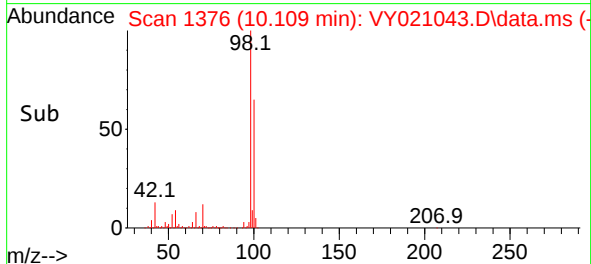
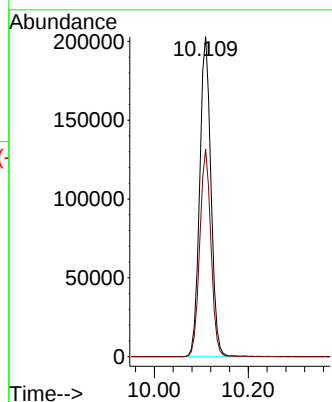
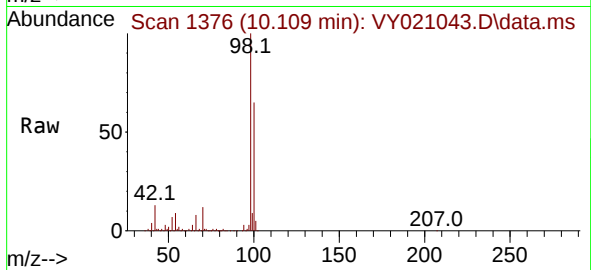




#50
Toluene-d8
Concen: 49.654 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021043.D
Acq: 03 Feb 2025 20:31

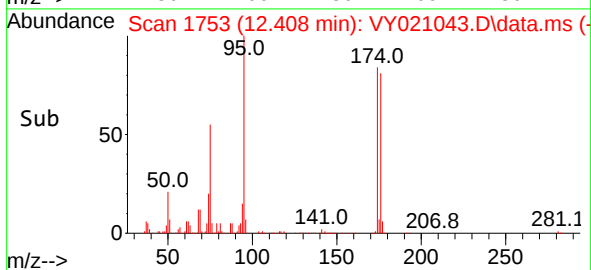
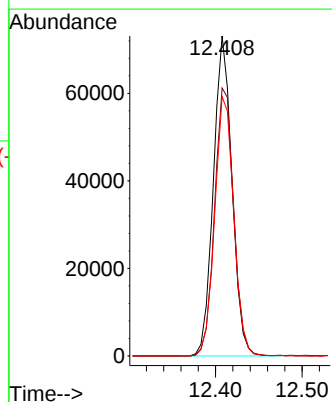
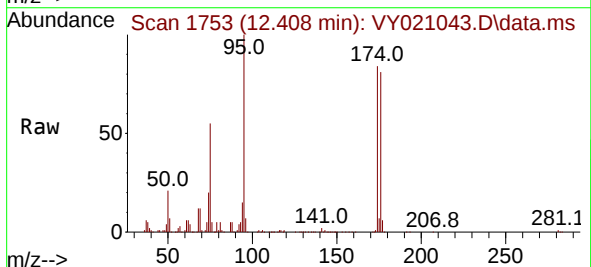
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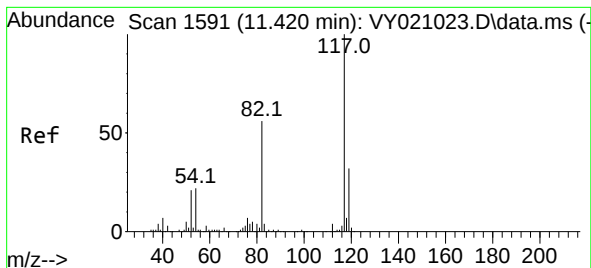
Tgt Ion: 98 Resp: 338079
Ion Ratio Lower Upper
98 100
100 64.3 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 48.927 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021043.D
Acq: 03 Feb 2025 20:31

Tgt Ion: 95 Resp: 108833
Ion Ratio Lower Upper
95 100
174 86.2 0.0 160.0
176 83.0 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021043.D

Acq: 03 Feb 2025 20:31

Instrument :

MSVOA_Y

ClientSampleId :

JPP-4.5-012725

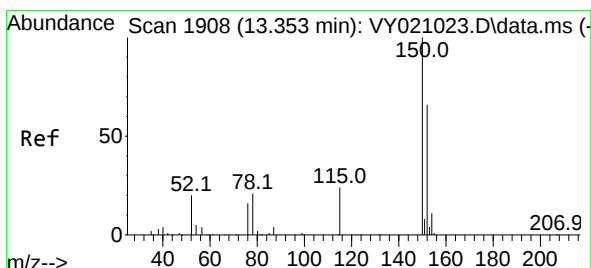
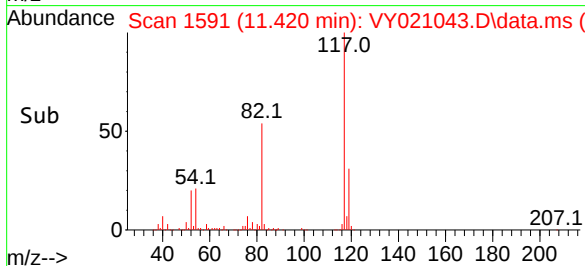
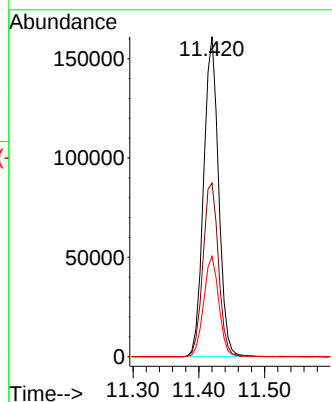
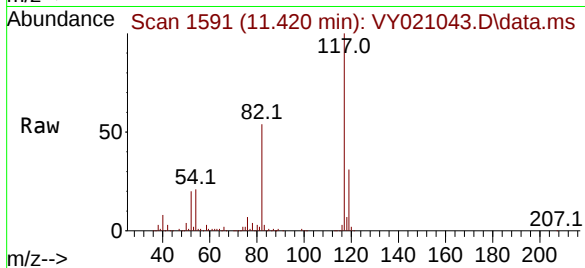
Tgt Ion:117 Resp: 254825

Ion Ratio Lower Upper

117 100

82 54.2 43.8 65.8

119 31.3 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY021043.D

Acq: 03 Feb 2025 20:31

Tgt Ion:152 Resp: 103960

Ion Ratio Lower Upper

152 100

115 57.2 30.0 90.0

150 155.1 0.0 344.6

