

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020425\
 Data File : VY021055.D
 Acq On : 04 Feb 2025 13:52
 Operator : SY/MD
 Sample : Q1215-05
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-29.2-012825

Quant Time: Feb 05 00:46:27 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)

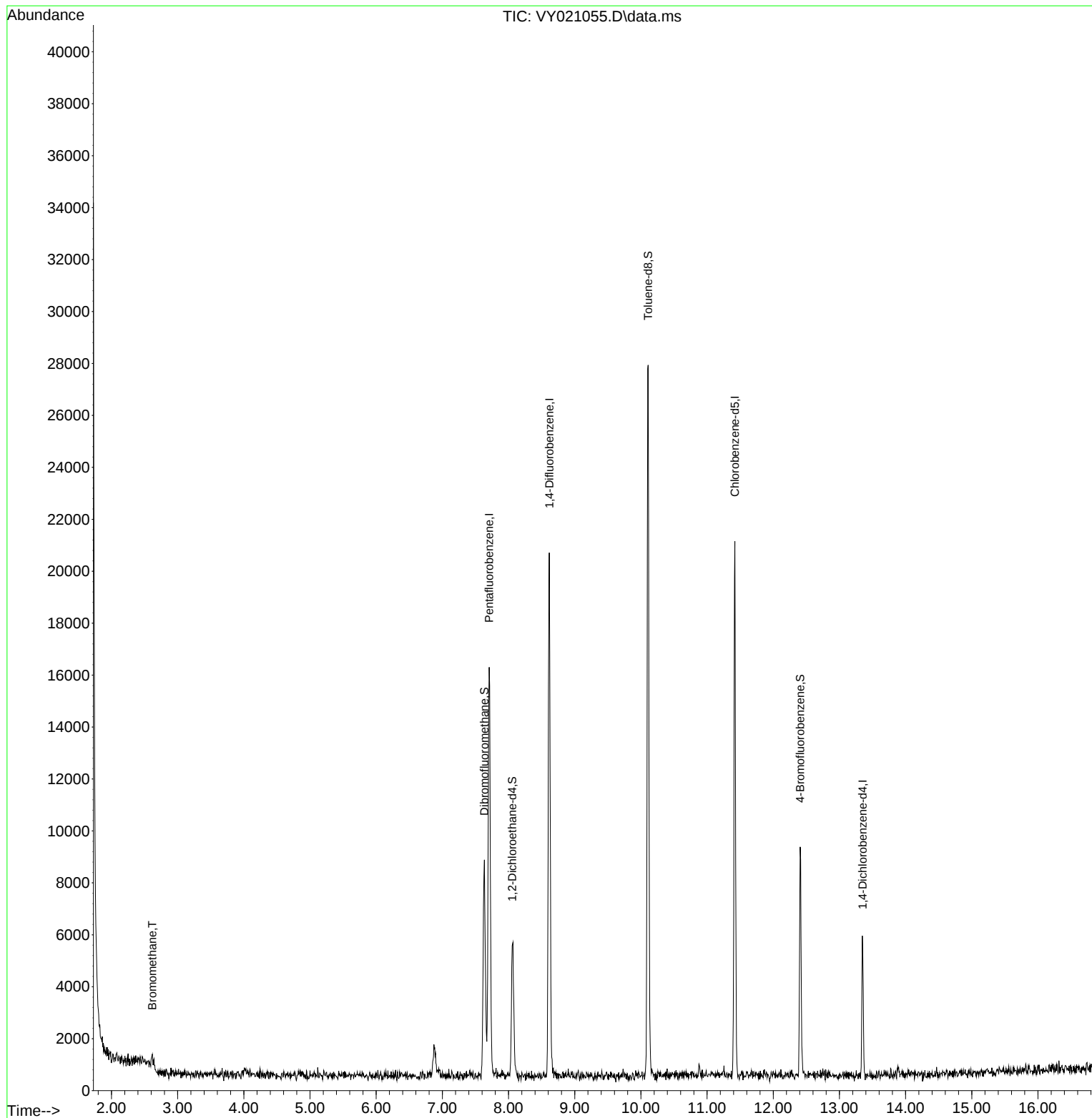
Internal Standards						
1) Pentafluorobenzene	7.707	168	12765	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	17435	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	10821	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	1520	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	4691	35.867	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	71.740%
35) Dibromofluoromethane	7.634	113	5851	52.365	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.720%
50) Toluene-d8	10.109	98	18563	43.638	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.280%
62) 4-Bromofluorobenzene	12.408	95	2576	18.536	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	37.080%
Target Compounds						
					Qvalue	
5) Bromomethane	2.617	94	218	3.121	ug/l	96

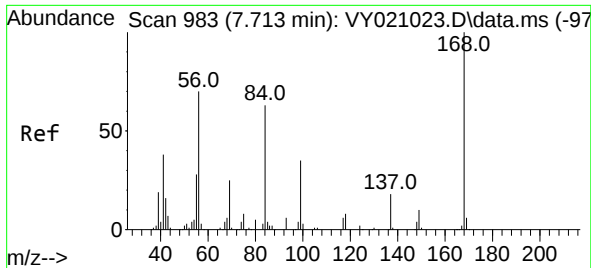
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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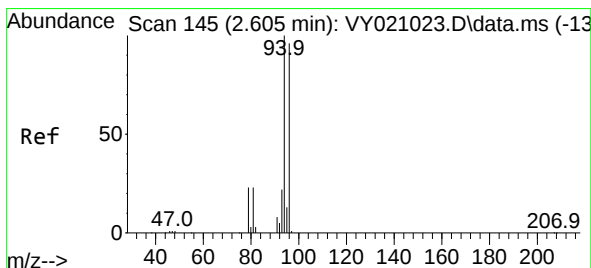
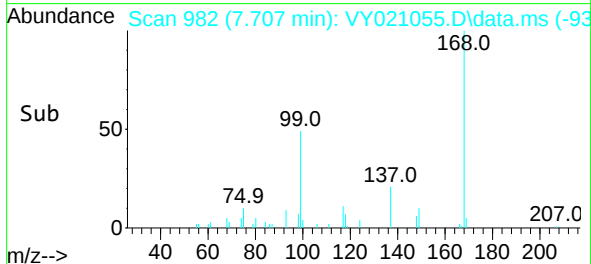
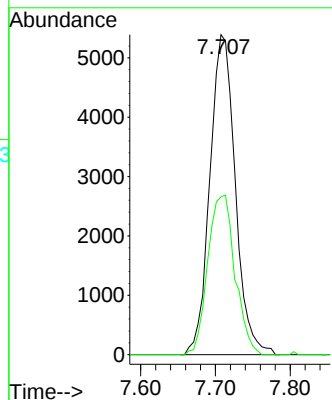
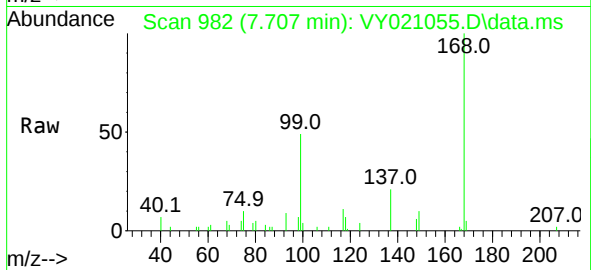




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021055.D
Acq: 04 Feb 2025 13:52

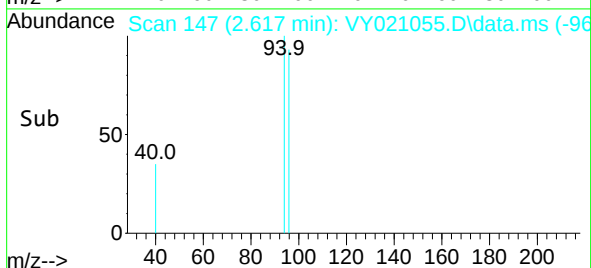
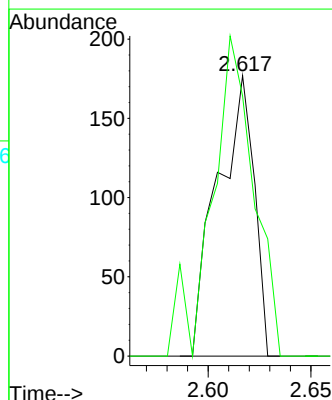
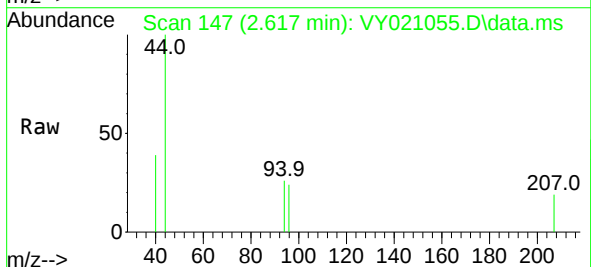
Instrument :
MSVOA_Y
ClientSampleId :
JPP-29.2-012825

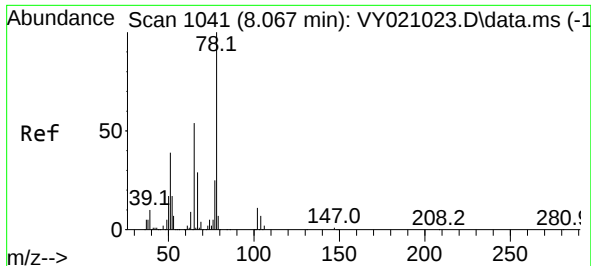
Tgt Ion:168 Resp: 12765
Ion Ratio Lower Upper
168 100
99 49.4 44.2 66.4



#5
Bromomethane
Concen: 3.121 ug/l
RT: 2.617 min Scan# 147
Delta R.T. 0.012 min
Lab File: VY021055.D
Acq: 04 Feb 2025 13:52

Tgt Ion: 94 Resp: 218
Ion Ratio Lower Upper
94 100
96 92.7 77.3 115.9





#33

1,2-Dichloroethane-d4

Concen: 35.867 ug/l

RT: 8.055 min Scan# 1103

Delta R.T. -0.012 min

Lab File: VY021055.D

Acq: 04 Feb 2025 13:52

Instrument :

MSVOA_Y

ClientSampleId :

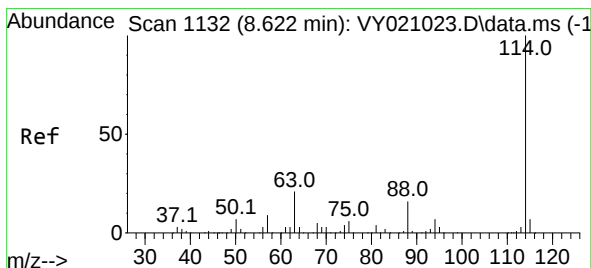
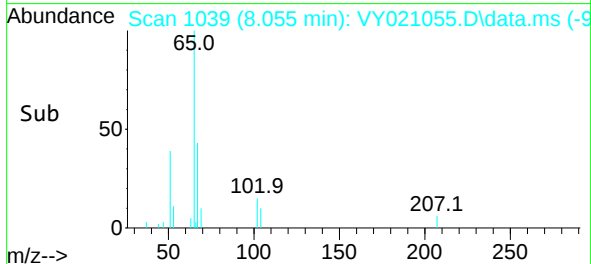
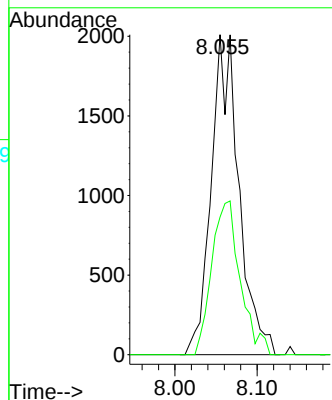
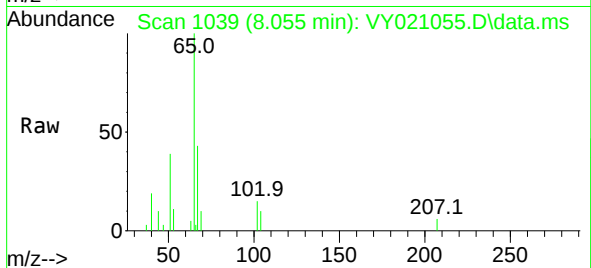
JPP-29.2-012825

Tgt Ion: 65 Resp: 4691

Ion Ratio Lower Upper

65 100

67 49.5 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: VY021055.D

Acq: 04 Feb 2025 13:52

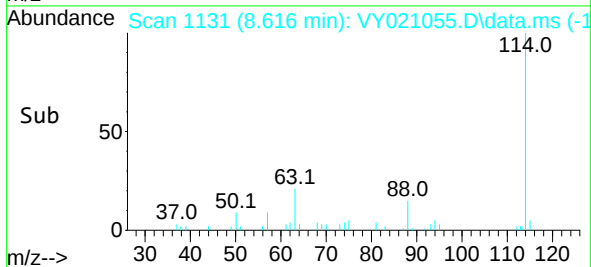
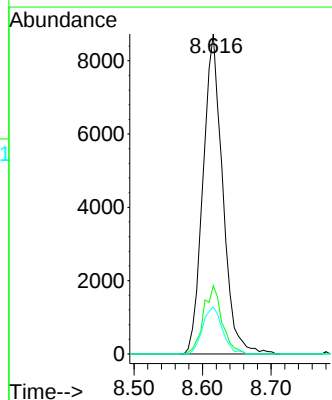
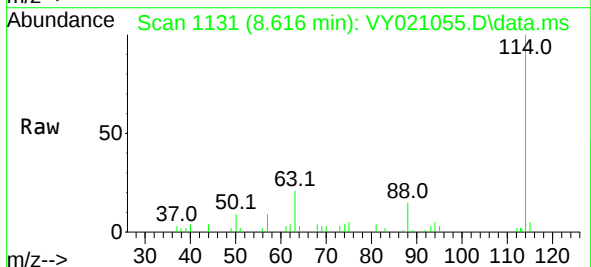
Tgt Ion: 114 Resp: 17435

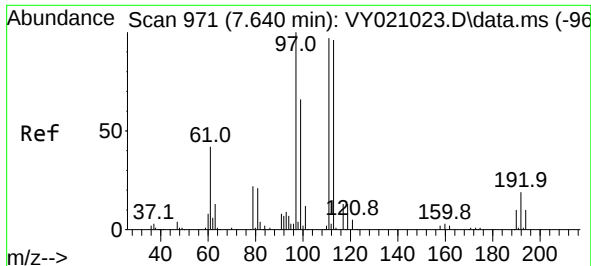
Ion Ratio Lower Upper

114 100

63 21.3 0.0 37.4

88 14.7 0.0 29.0

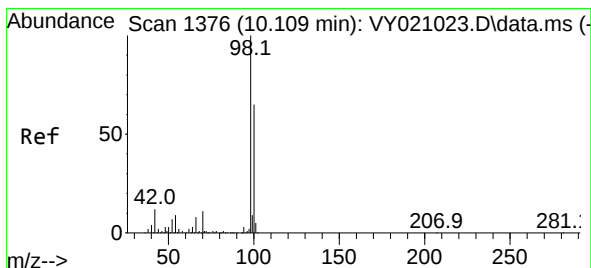
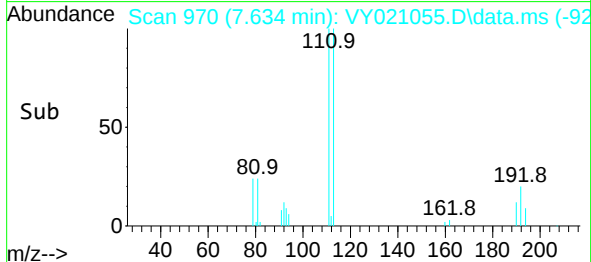
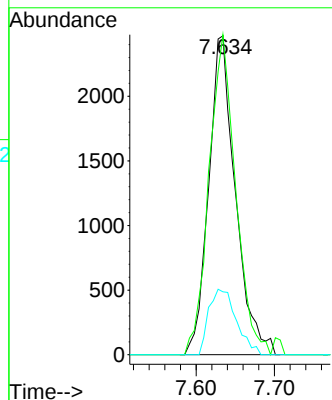
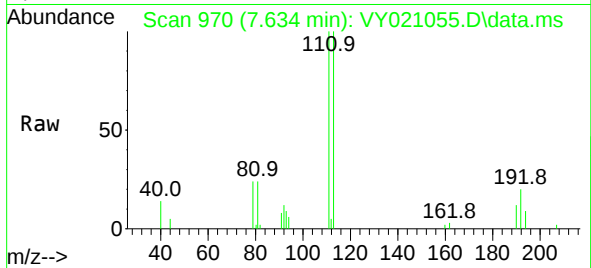




#35
Dibromofluoromethane
Concen: 52.365 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021055.D
Acq: 04 Feb 2025 13:52

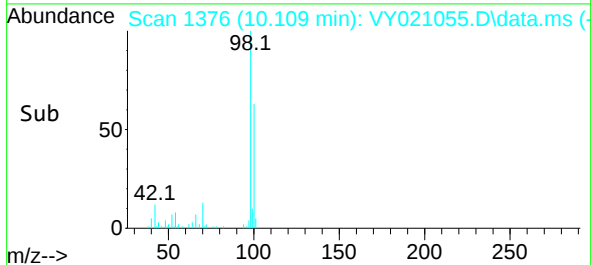
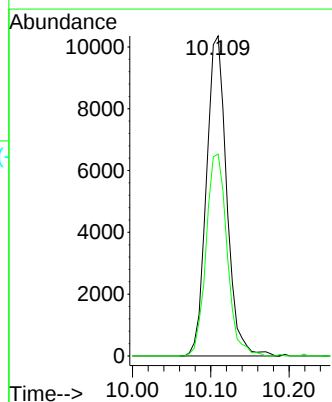
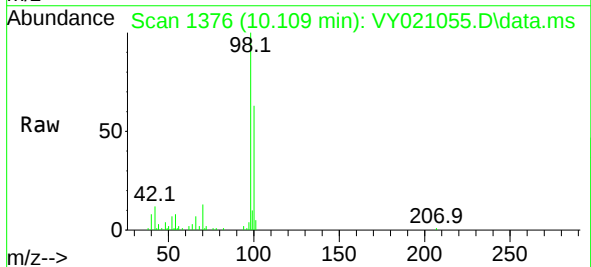
Instrument :
MSVOA_Y
ClientSampleId :
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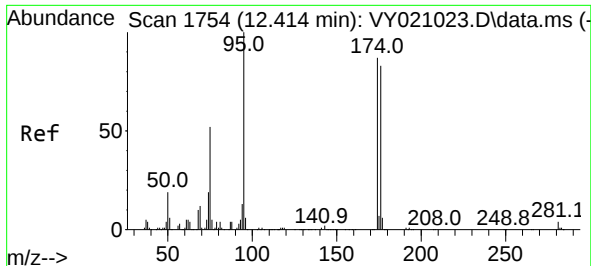
Tgt Ion:113 Resp: 5851
Ion Ratio Lower Upper
113 100
111 100.1 83.8 125.6
192 21.2 14.5 21.7



#50
Toluene-d8
Concen: 43.638 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021055.D
Acq: 04 Feb 2025 13:52

Tgt Ion: 98 Resp: 18563
Ion Ratio Lower Upper
98 100
100 65.3 52.3 78.5

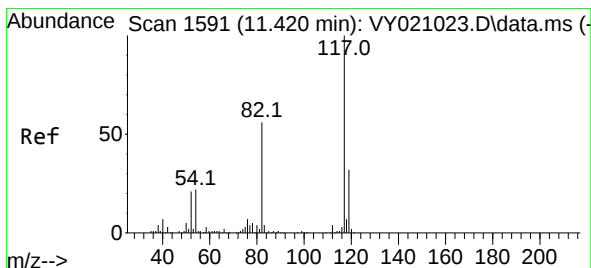
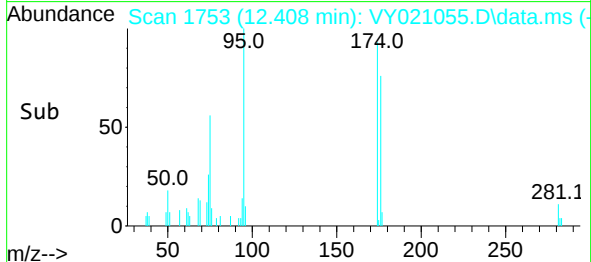
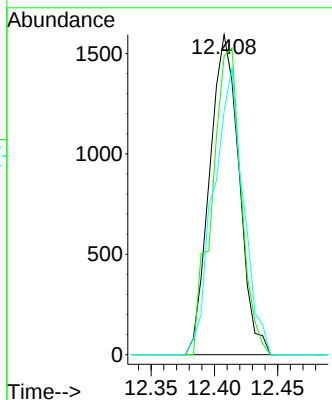
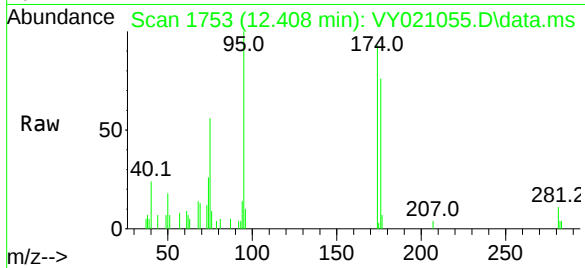




#62
4-Bromofluorobenzene
Concen: 18.536 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021055.D
Acq: 04 Feb 2025 13:52

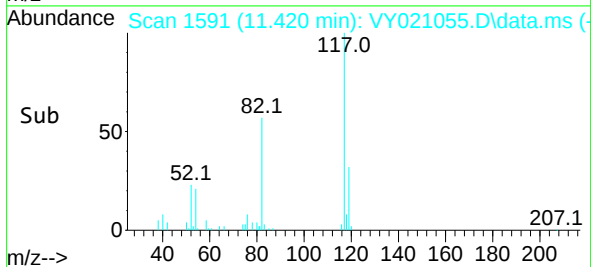
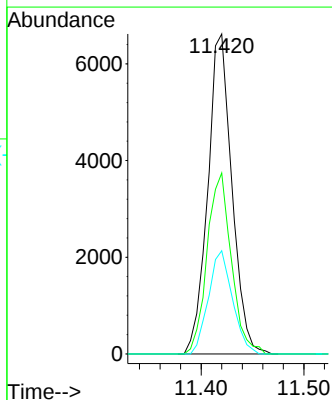
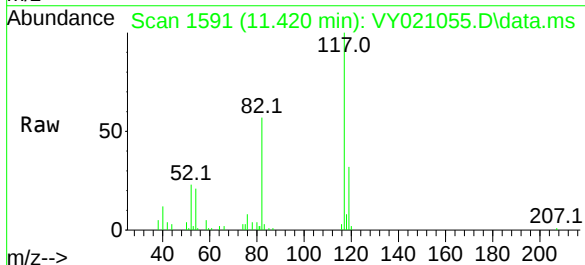
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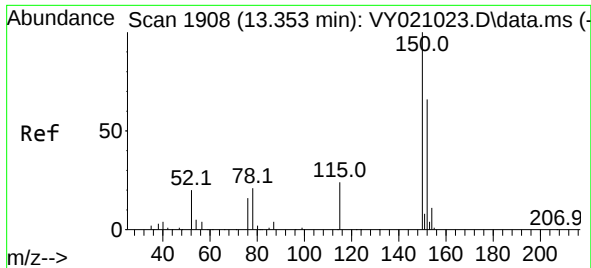
Tgt Ion:	95	Resp:	2576
Ion	Ratio	Lower	Upper
95	100		
174	94.4	0.0	160.0
176	90.9	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY021055.D
Acq: 04 Feb 2025 13:52

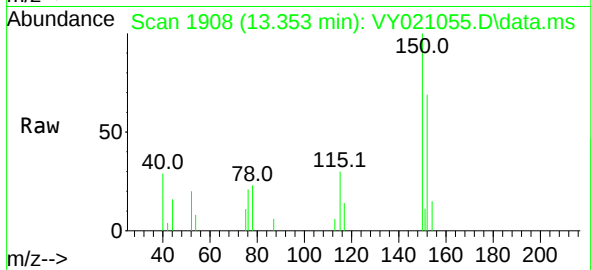
Tgt Ion:	117	Resp:	10821
Ion	Ratio	Lower	Upper
117	100		
82	56.6	43.8	65.8
119	32.2	26.5	39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.353 min Scan# 1908
 Delta R.T. -0.000 min
 Lab File: VY021055.D
 Acq: 04 Feb 2025 13:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-29.2-012825



Tgt Ion:	152	Resp:	1520
Ion	Ratio	Lower	Upper
152	100		
115	51.8	30.0	90.0
150	152.9	0.0	344.6

