

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
 Data File : VY021032.D
 Acq On : 03 Feb 2025 16:14
 Operator : SY/MD
 Sample : Q1215-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-29.1-012825

Quant Time: Feb 04 00:56:56 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	1891	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	3174	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.365	152	281	50.000	ug/l	# 0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	1397	72.104	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	144.200%
35) Dibromofluoromethane	7.640	113	1233	60.616	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	121.240%
50) Toluene-d8	10.115	98	2833	36.583	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	73.160%
62) 4-Bromofluorobenzene	12.414	95	252	9.961	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	19.920%#

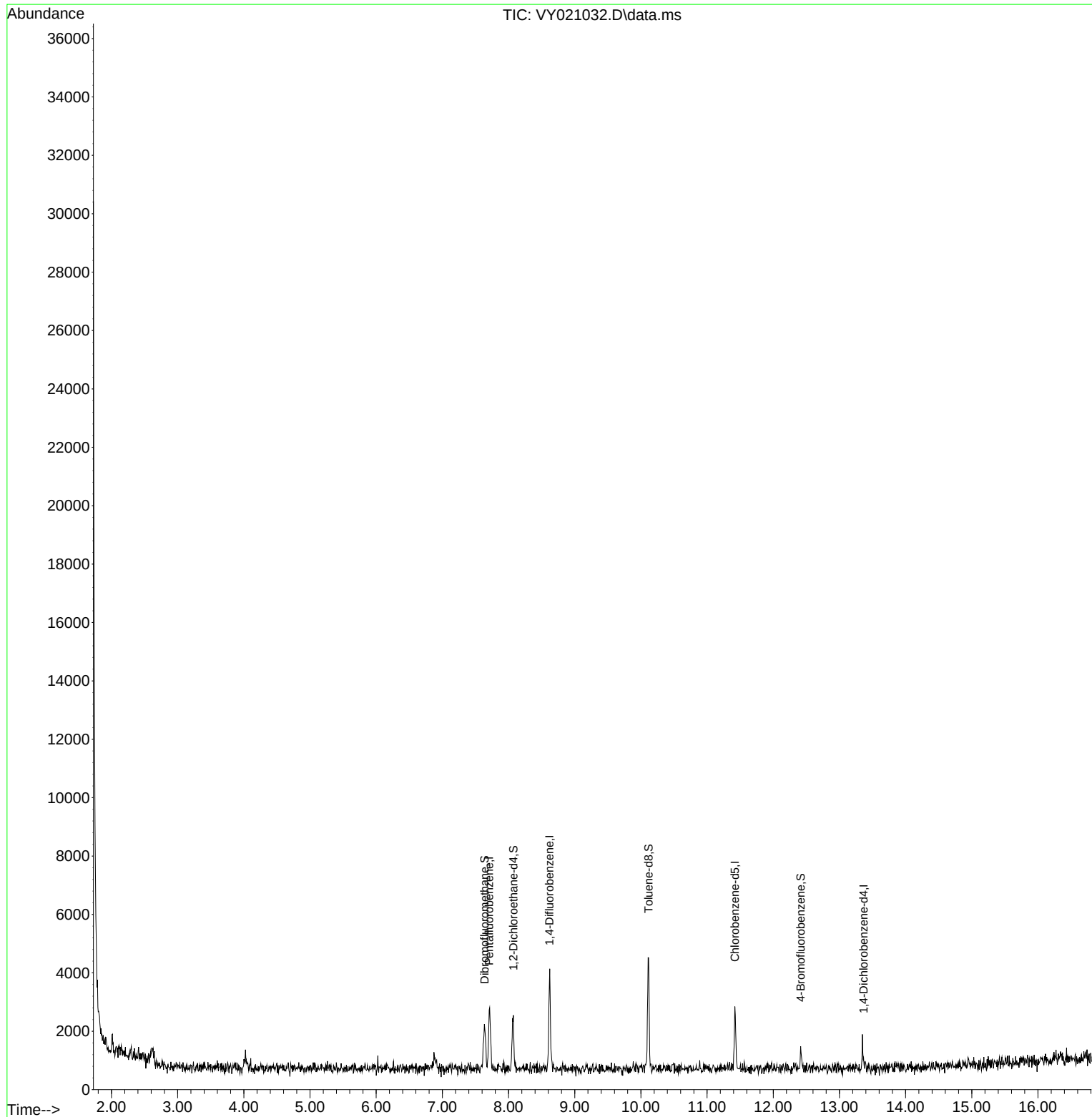
Target Compounds	Qvalue

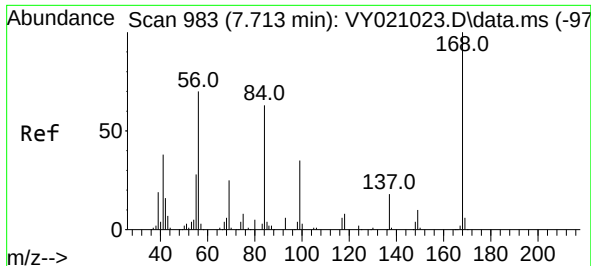
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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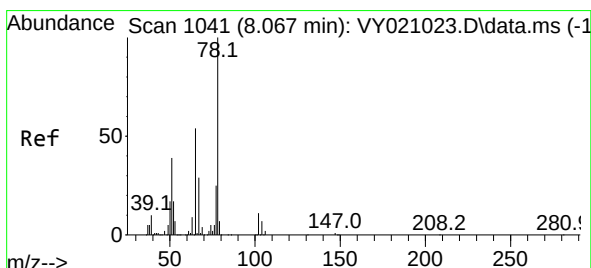
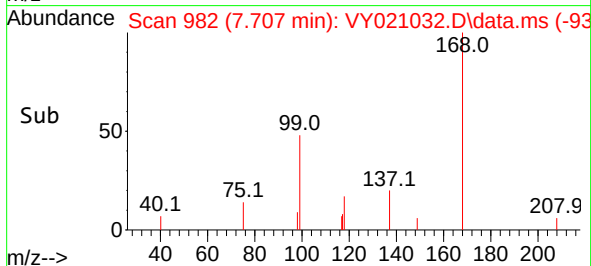
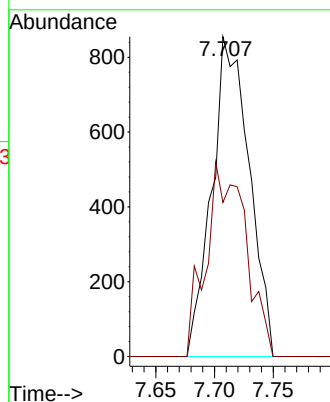
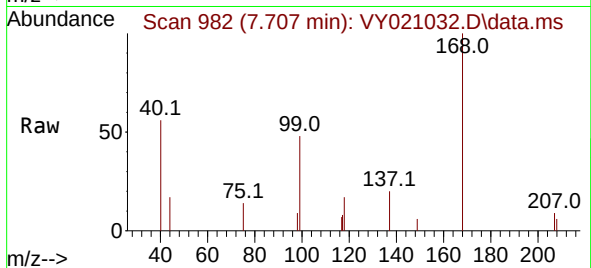




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021032.D
Acq: 03 Feb 2025 16:14

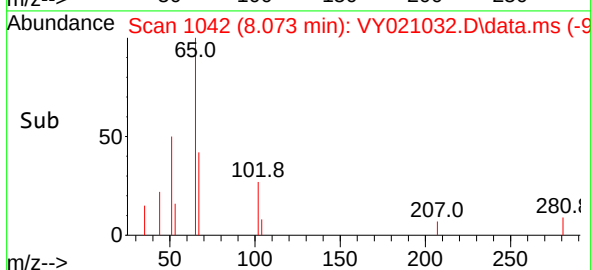
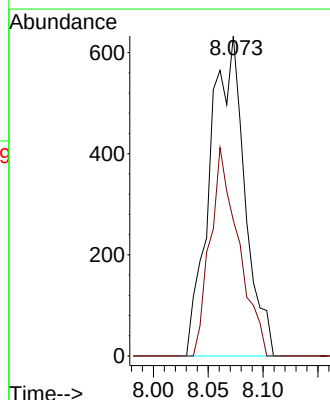
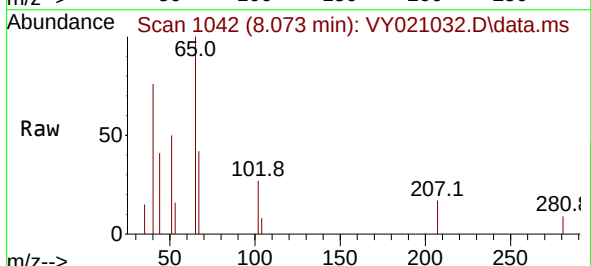
Instrument :
MSVOA_Y
ClientSampleId :
JPP-29.1-012825

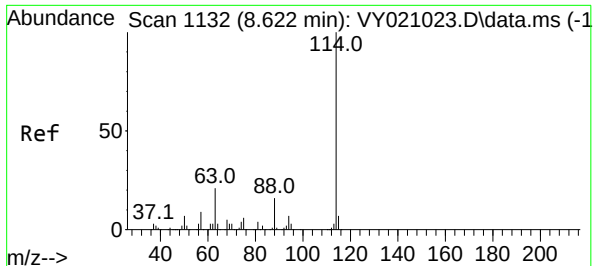
Tgt Ion:168 Resp: 1891
Ion Ratio Lower Upper
168 100
99 48.2 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 72.104 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY021032.D
Acq: 03 Feb 2025 16:14

Tgt Ion: 65 Resp: 1397
Ion Ratio Lower Upper
65 100
67 53.0 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021032.D

Acq: 03 Feb 2025 16:14

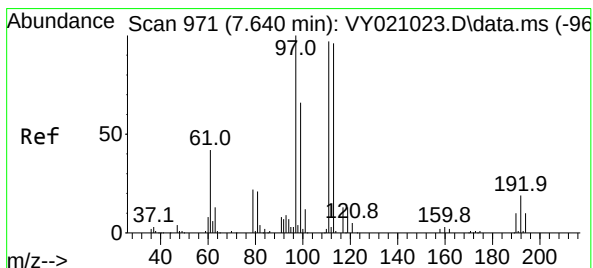
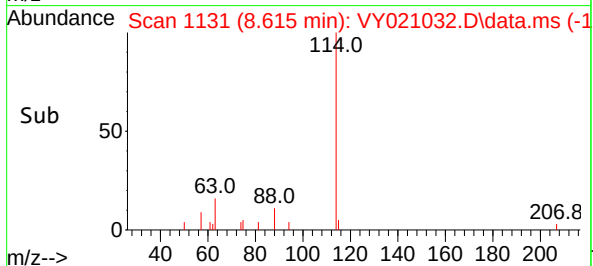
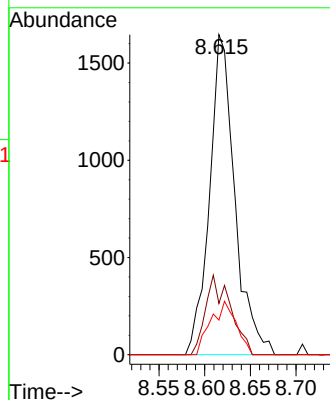
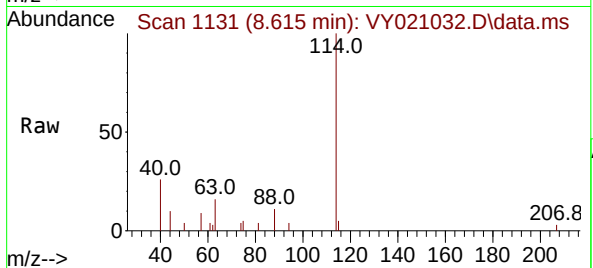
Instrument :

MSVOA_Y

ClientSampleId :

JPP-29.1-012825

Tgt Ion:114	Resp:	3174
Ion	Ratio	Lower Upper
114	100	
63	16.0	0.0 37.4
88	10.8	0.0 29.0



#35

Dibromofluoromethane

Concen: 60.616 ug/l

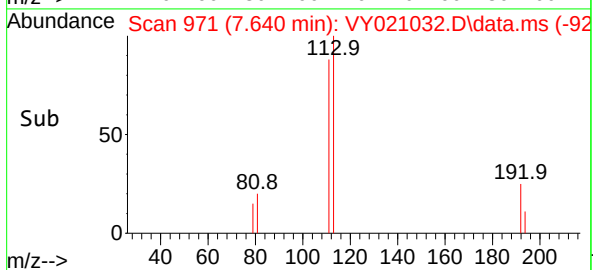
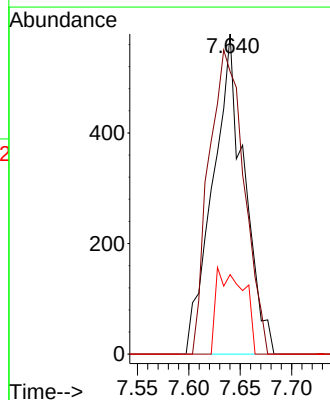
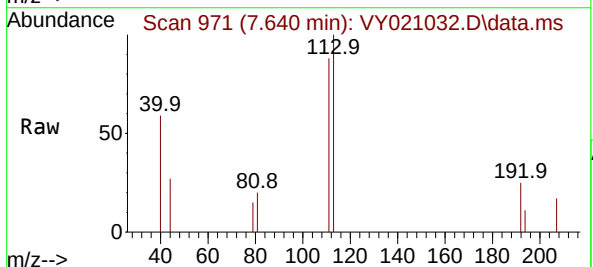
RT: 7.640 min Scan# 971

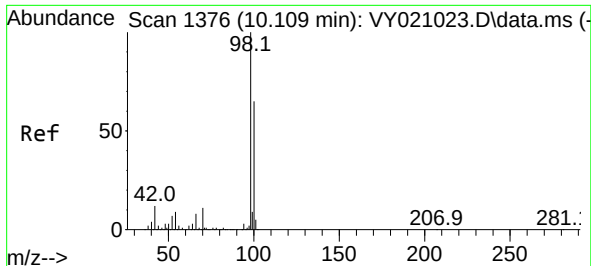
Delta R.T. -0.000 min

Lab File: VY021032.D

Acq: 03 Feb 2025 16:14

Tgt Ion:113	Resp:	1233
Ion	Ratio	Lower Upper
113	100	
111	106.1	83.8 125.6
192	23.4	14.5 21.7

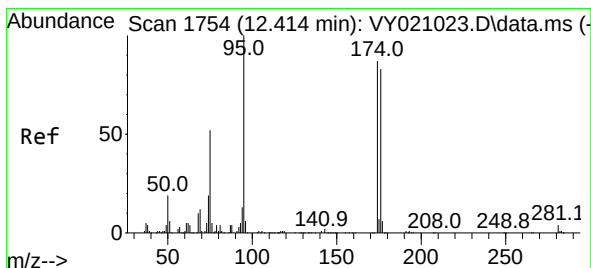
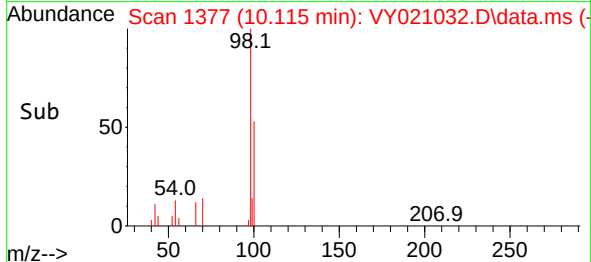
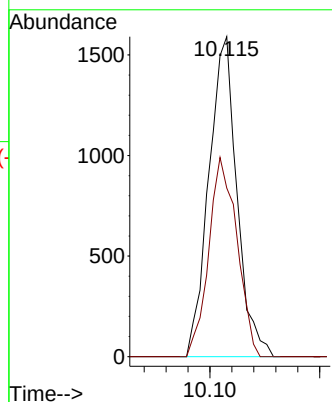
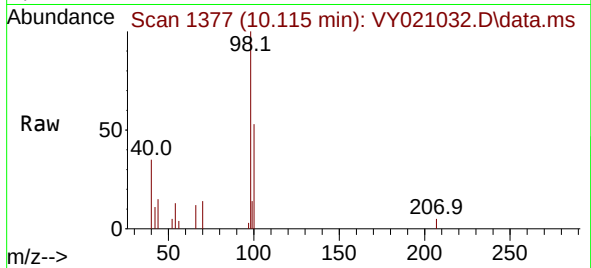




#50
Toluene-d8
Concen: 36.583 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021032.D
Acq: 03 Feb 2025 16:14

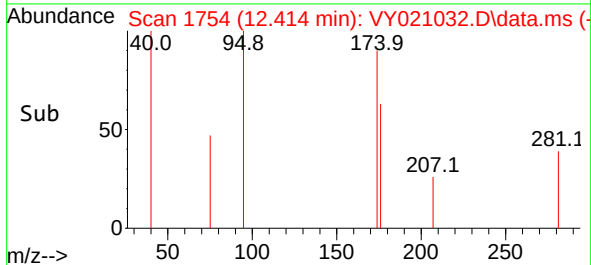
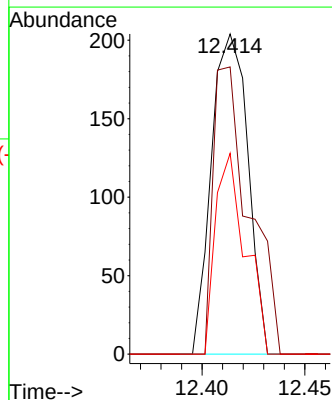
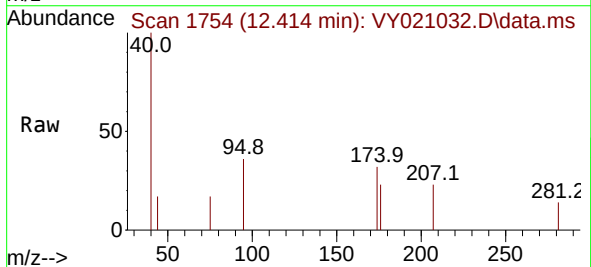
Instrument :
MSVOA_Y
ClientSampleId :
JPP-29.1-012825

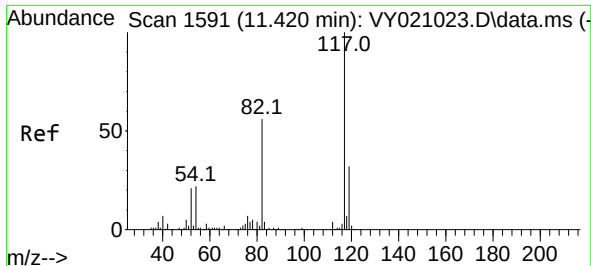
Tgt Ion: 98 Resp: 2833
Ion Ratio Lower Upper
98 100
100 62.4 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 9.961 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021032.D
Acq: 03 Feb 2025 16:14

Tgt Ion: 95 Resp: 252
Ion Ratio Lower Upper
95 100
174 88.5 0.0 160.0
176 51.6 0.0 151.8

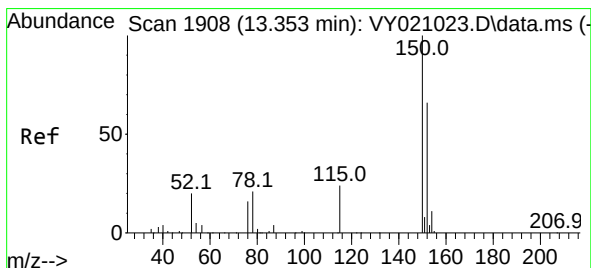
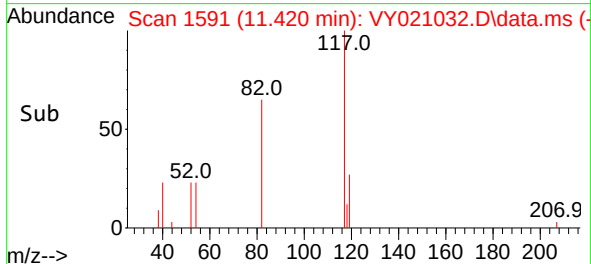
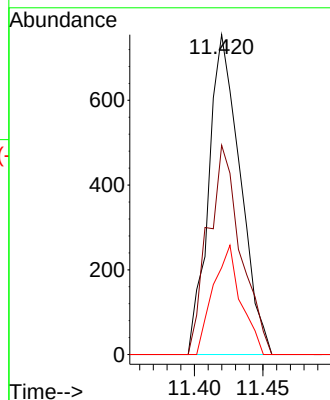
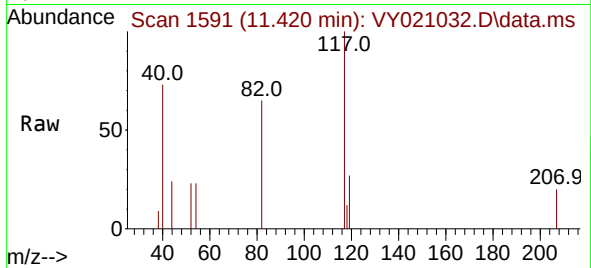




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021032.D
Acq: 03 Feb 2025 16:14

Instrument :
MSVOA_Y
ClientSampleId :
JPP-29.1-012825

Tgt Ion:117	Resp:	1214
Ion	Ratio	Lower Upper
117	100	
82	65.4	43.8 65.8
119	27.2	26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.012 min
Lab File: VY021032.D
Acq: 03 Feb 2025 16:14

Tgt Ion:152	Resp:	281
Ion	Ratio	Lower Upper
152	100	
115	18.9	30.0 90.0#
150	133.8	0.0 344.6

