

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
 Data File : VY021035.D
 Acq On : 03 Feb 2025 17:24
 Operator : SY/MD
 Sample : Q1216-05
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-21.1-012825

Quant Time: Feb 04 00:57:56 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	5141	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	8013	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	5636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	744	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	3195	60.656	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.320%
35) Dibromofluoromethane	7.634	113	3089	60.153	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	120.300%
50) Toluene-d8	10.109	98	8510	43.529	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.060%
62) 4-Bromofluorobenzene	12.408	95	1044	16.346	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	32.700%

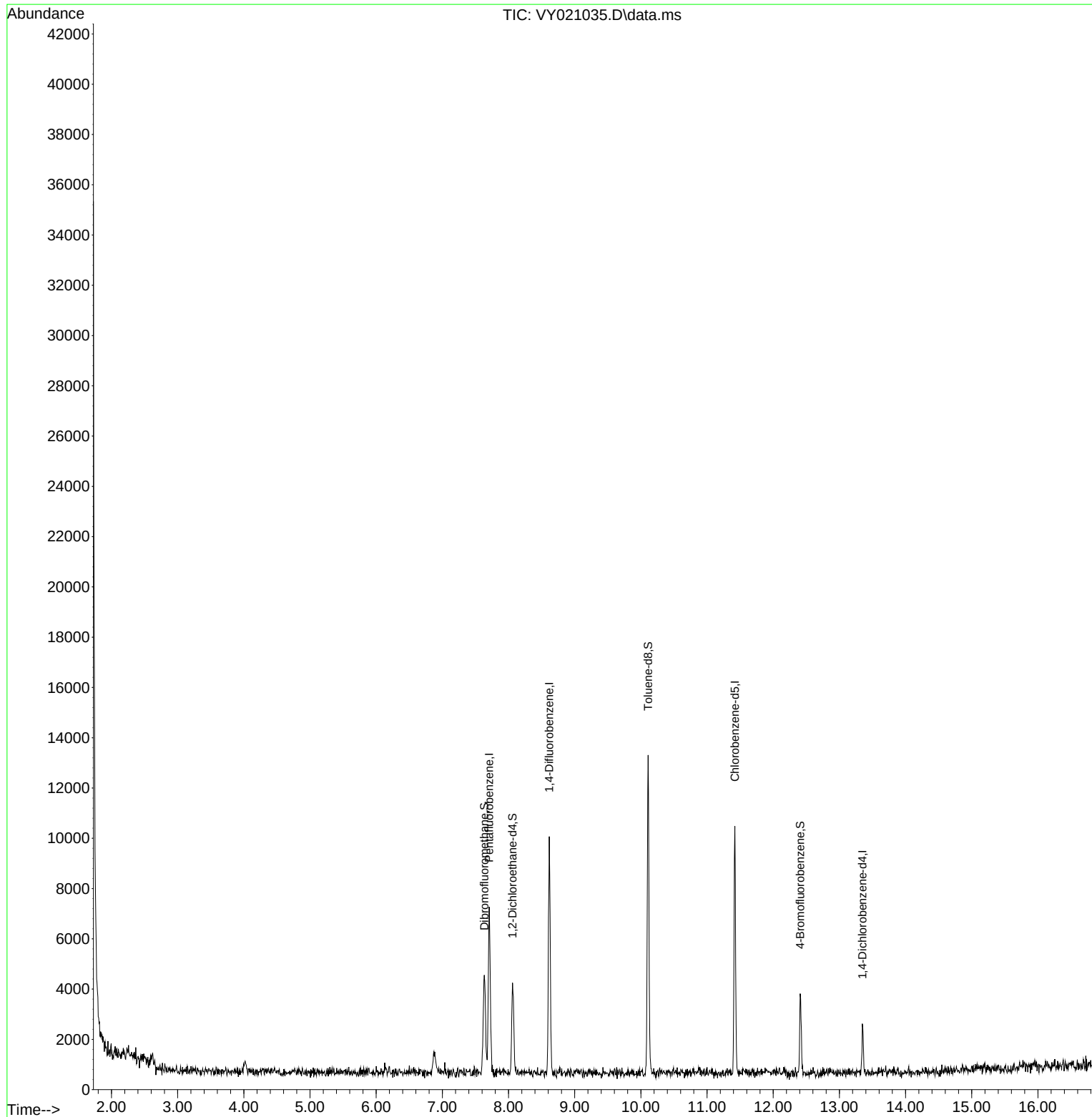
Target Compounds	Qvalue

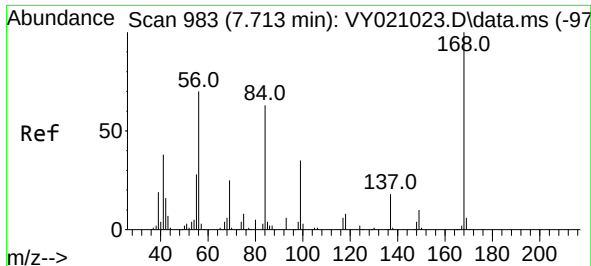
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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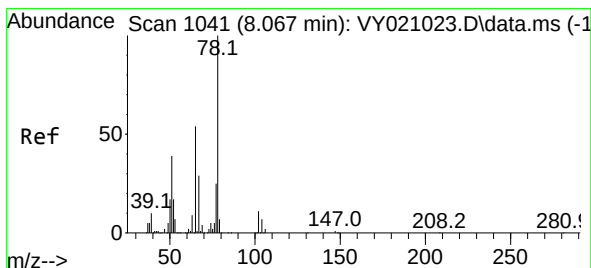
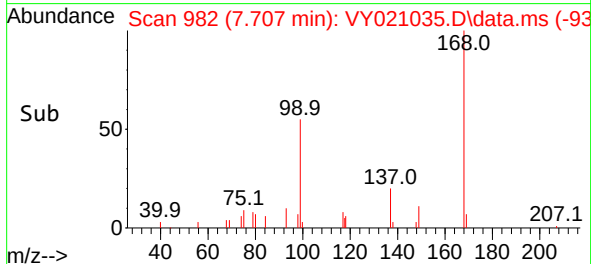
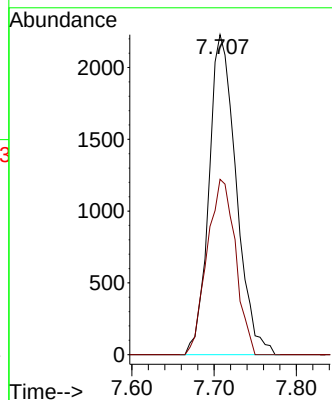
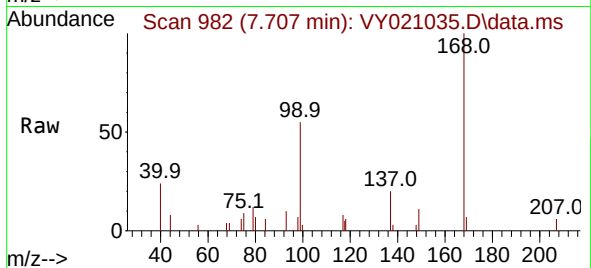




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021035.D
Acq: 03 Feb 2025 17:24

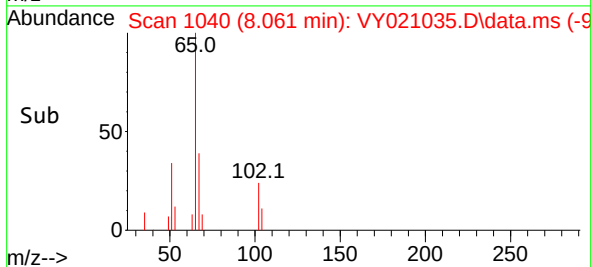
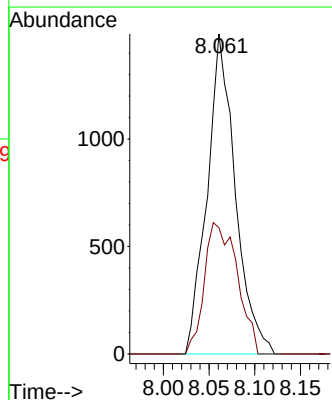
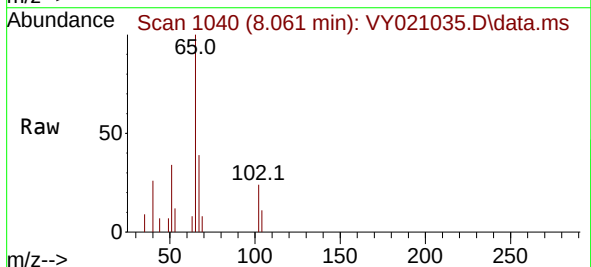
Instrument :
MSVOA_Y
ClientSampleId :
JPP-21.1-012825

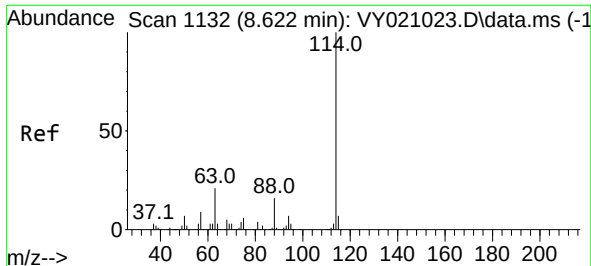
Tgt Ion:168 Resp: 5141
Ion Ratio Lower Upper
168 100
99 54.8 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 60.656 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021035.D
Acq: 03 Feb 2025 17:24

Tgt Ion: 65 Resp: 3195
Ion Ratio Lower Upper
65 100
67 47.7 0.0 109.0

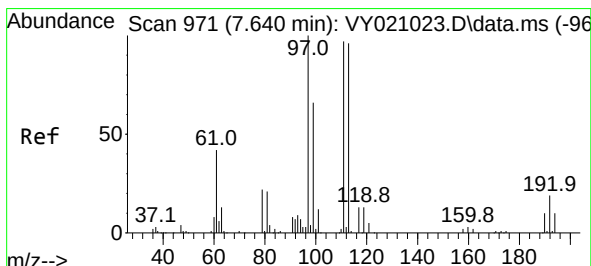
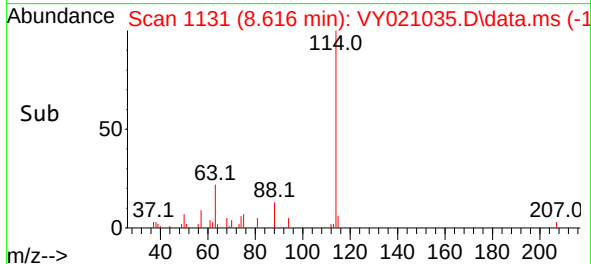
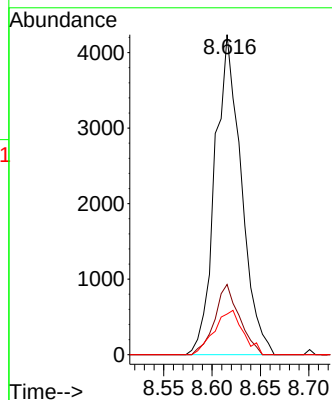
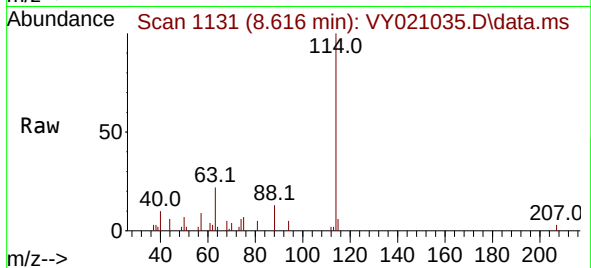




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021035.D
Acq: 03 Feb 2025 17:24

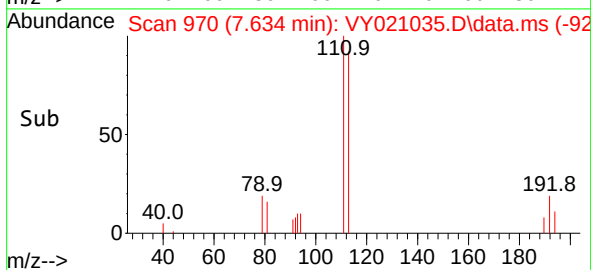
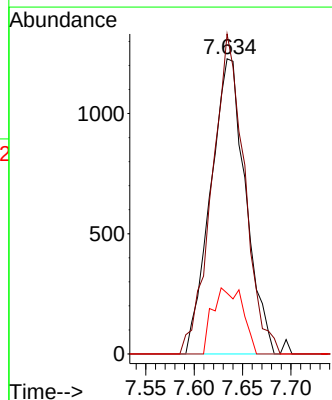
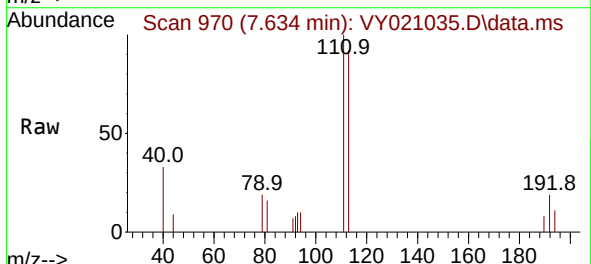
Instrument :
MSVOA_Y
ClientSampleId :
JPP-21.1-012825

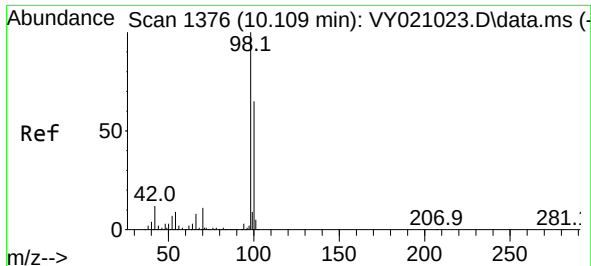
Tgt Ion:	114	Resp:	8013
Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	37.4
88	12.7	0.0	29.0



#35
Dibromofluoromethane
Concen: 60.153 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021035.D
Acq: 03 Feb 2025 17:24

Tgt Ion:	113	Resp:	3089
Ion	Ratio	Lower	Upper
113	100		
111	100.7	83.8	125.6
192	19.3	14.5	21.7





#50

Toluene-d8

Concen: 43.529 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY021035.D

Acq: 03 Feb 2025 17:24

Instrument :

MSVOA_Y

ClientSampleId :

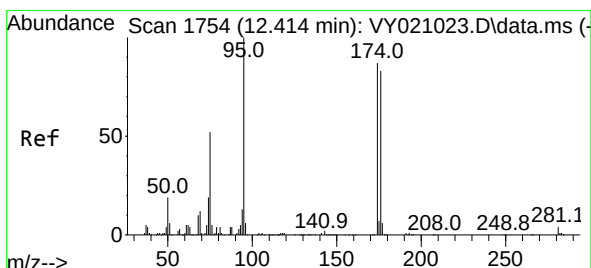
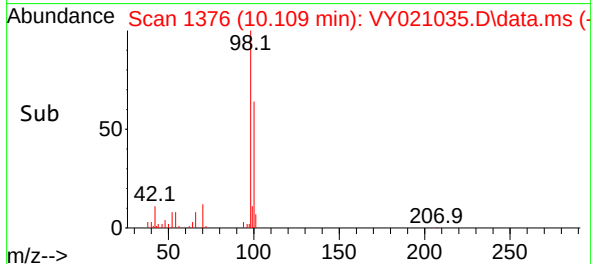
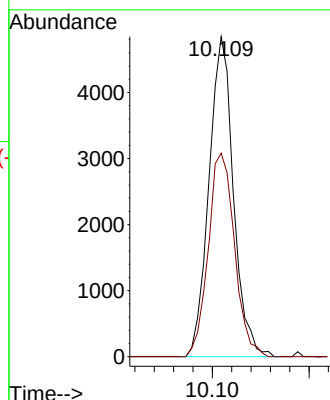
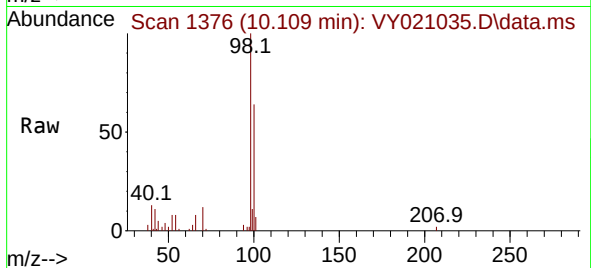
JPP-21.1-012825

Tgt Ion: 98 Resp: 8510

Ion Ratio Lower Upper

98 100

100 68.3 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 16.346 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.006 min

Lab File: VY021035.D

Acq: 03 Feb 2025 17:24

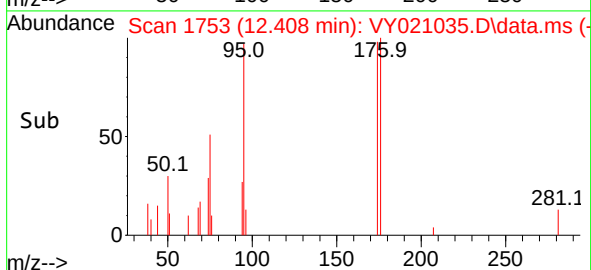
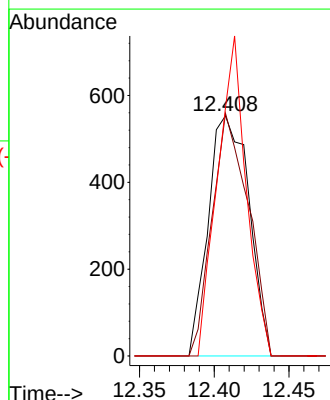
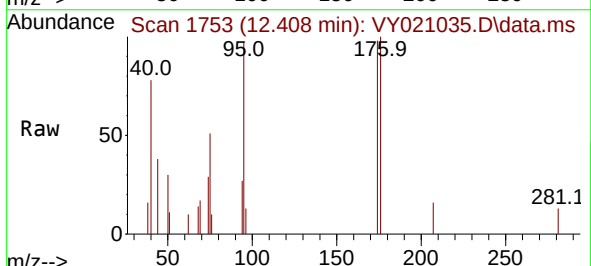
Tgt Ion: 95 Resp: 1044

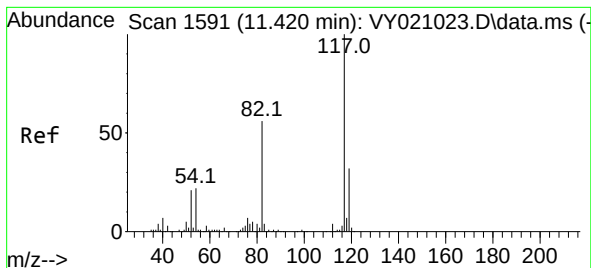
Ion Ratio Lower Upper

95 100

174 90.5 0.0 160.0

176 94.3 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: VY021035.D

Acq: 03 Feb 2025 17:24

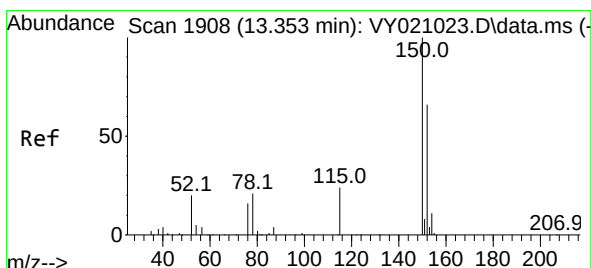
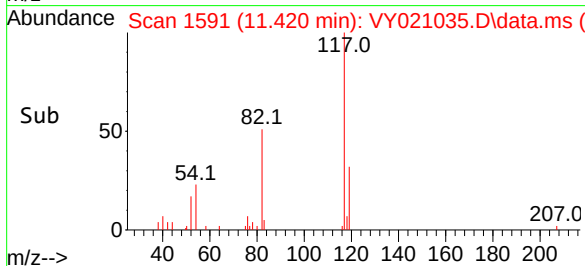
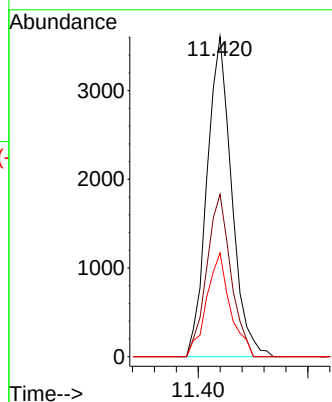
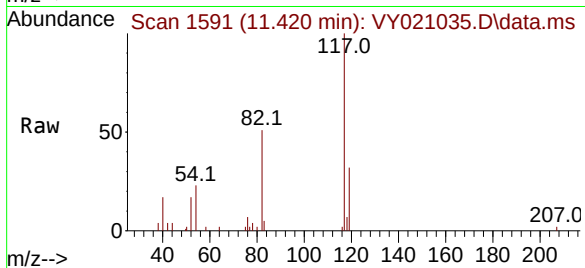
Instrument :

MSVOA_Y

ClientSampleId :

JPP-21.1-012825

Tgt Ion:117	Resp:	5636
Ion	Ratio	Lower Upper
117	100	
82	50.7	43.8 65.8
119	32.4	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: VY021035.D

Acq: 03 Feb 2025 17:24

Tgt Ion:152	Resp:	744
Ion	Ratio	Lower Upper
152	100	
115	45.8	30.0 90.0
150	131.7	0.0 344.6

