

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013025\
 Data File : VY020995.D
 Acq On : 30 Jan 2025 18:50
 Operator : SY/MD
 Sample : Q1216-17
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-26.2-012825

Quant Time: Jan 31 04:44:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y013025S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 31 02:19:37 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

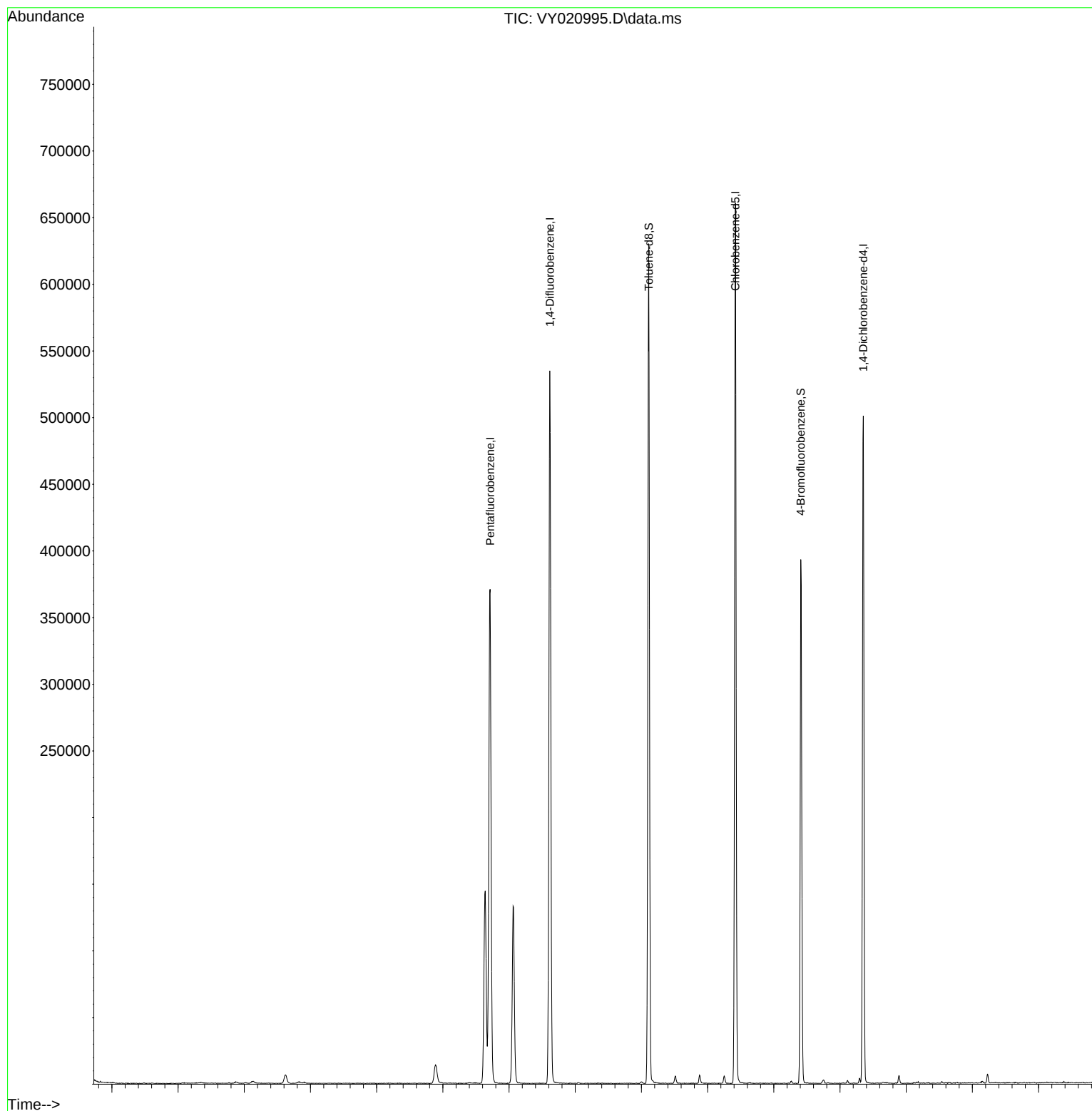
Internal Standards						
1) Pentafluorobenzene	7.713	168	307535	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	477378	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	365449	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	137289	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	106322	40.606	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.220%
35) Dibromofluoromethane	7.640	113	105525	36.769	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	73.540%
50) Toluene-d8	10.109	98	419785	37.476	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	74.960%
62) 4-Bromofluorobenzene	12.408	95	116949	31.114	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	62.220%
Target Compounds						
95) Naphthalene	15.145	128	1462	4.316	ug/l	Qvalue # 96

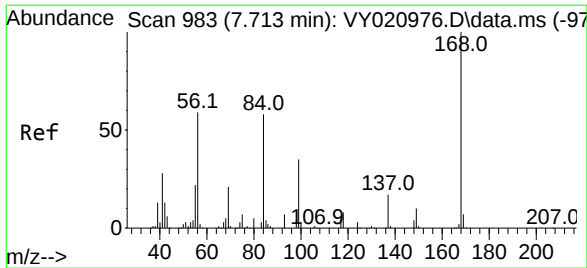
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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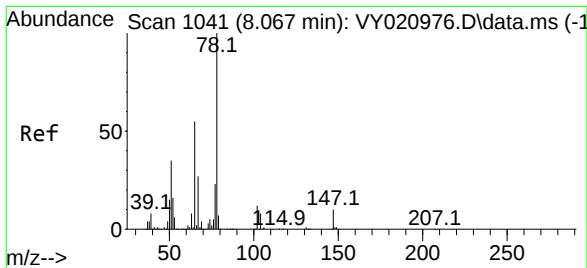
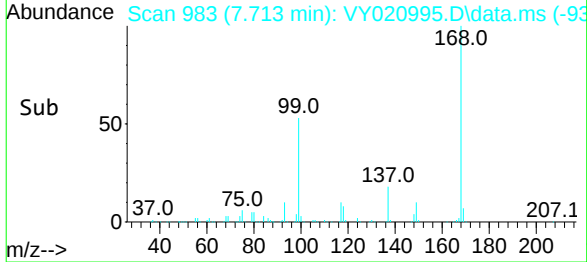
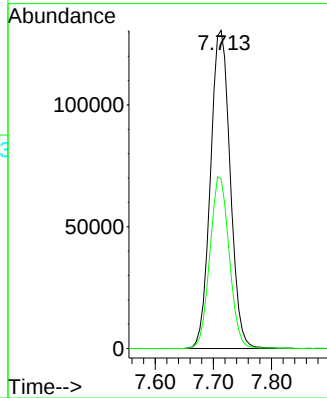
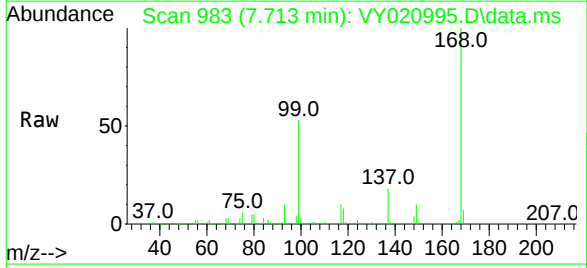




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020995.D
Acq: 30 Jan 2025 18:50

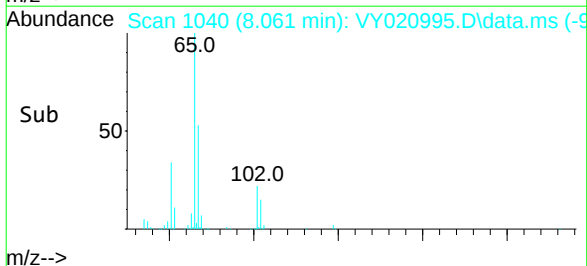
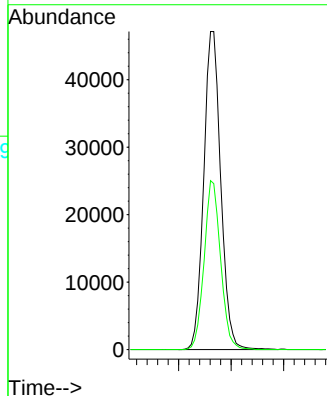
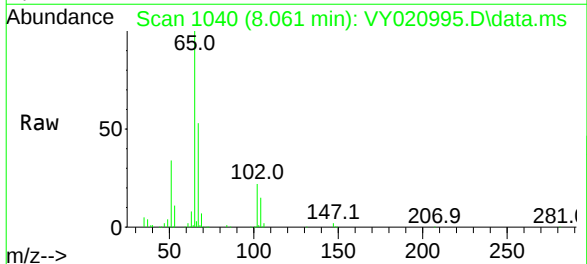
Instrument :
MSVOA_Y
ClientSampleId :
JPP-26.2-012825

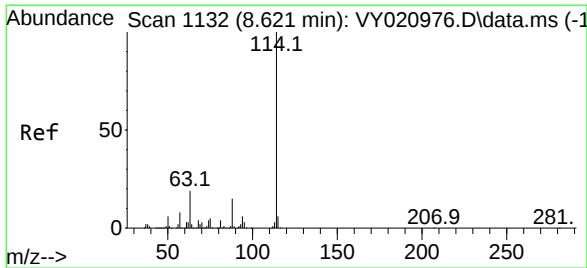
Tgt Ion:168 Resp: 307535
Ion Ratio Lower Upper
168 100
99 53.4 42.2 63.2



#33
1,2-Dichloroethane-d4
Concen: 40.606 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY020995.D
Acq: 30 Jan 2025 18:50

Tgt Ion: 65 Resp: 106322
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.4

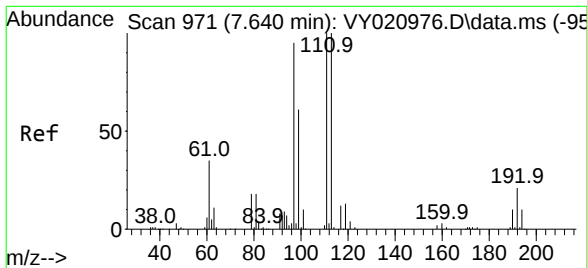
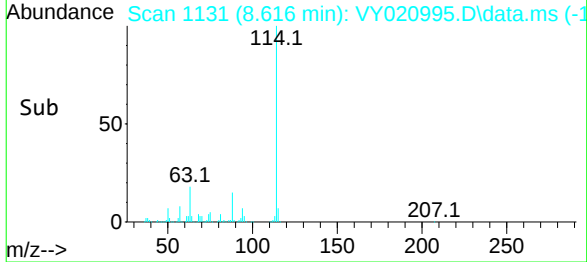
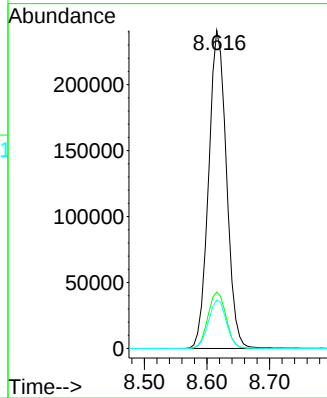
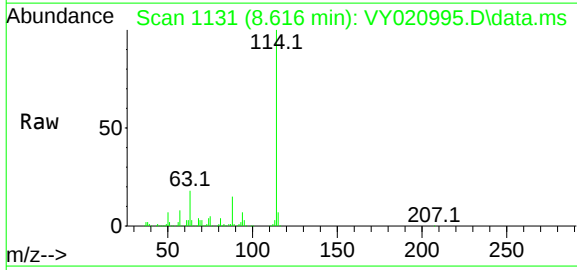




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY020995.D
Acq: 30 Jan 2025 18:50

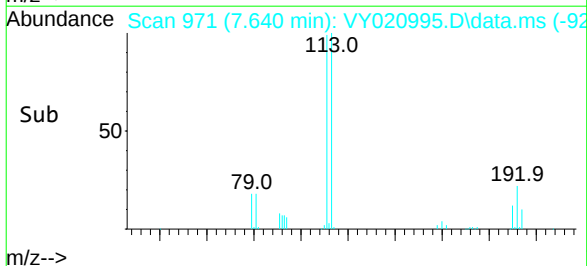
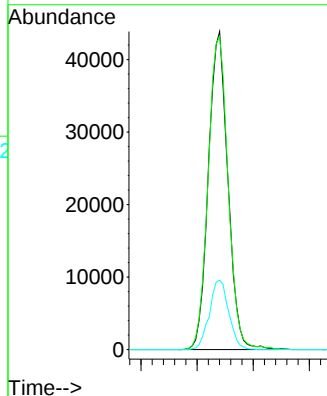
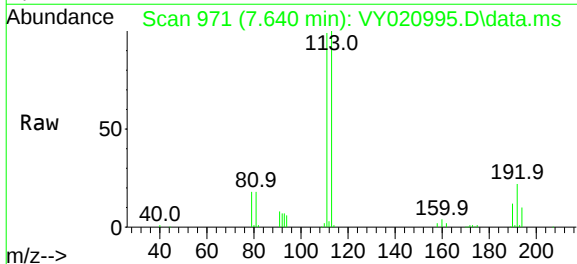
Instrument :
MSVOA_Y
ClientSampleId :
JPP-26.2-012825

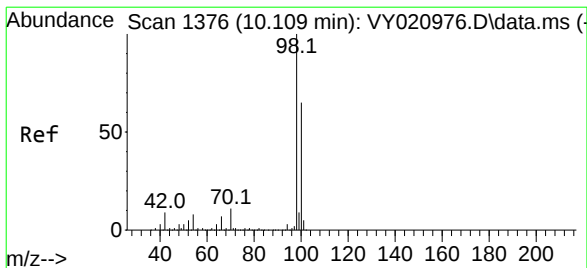
Tgt Ion:	114	Resp:	477378
Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	37.2
88	15.2	0.0	29.6



#35
Dibromofluoromethane
Concen: 36.769 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.000 min
Lab File: VY020995.D
Acq: 30 Jan 2025 18:50

Tgt Ion:	113	Resp:	105525
Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.6	123.8
192	21.7	16.8	25.2





#50

Toluene-d8

Concen: 37.476 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020995.D

Acq: 30 Jan 2025 18:50

Instrument :

MSVOA_Y

ClientSampleId :

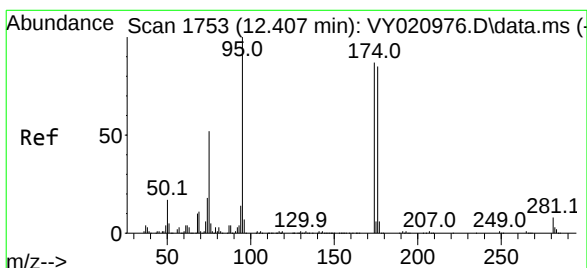
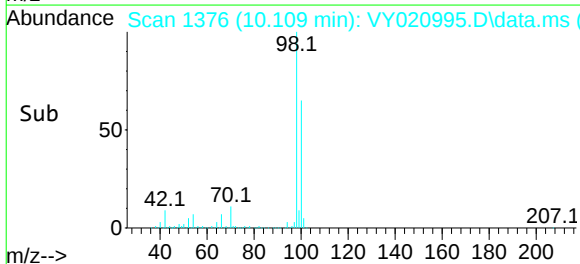
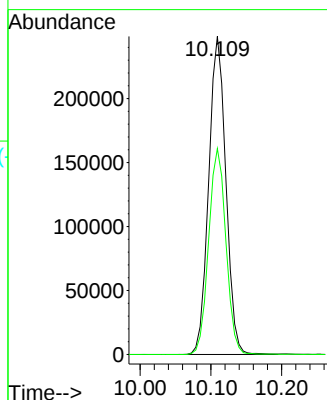
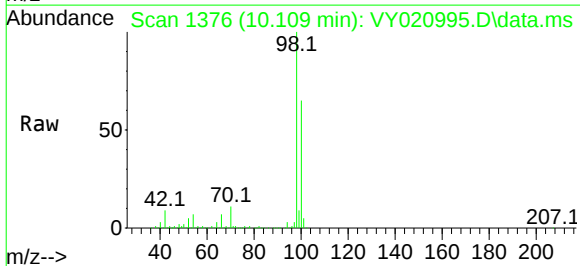
JPP-26.2-012825

Tgt Ion: 98 Resp: 419785

Ion Ratio Lower Upper

98 100

100 65.1 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 31.114 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020995.D

Acq: 30 Jan 2025 18:50

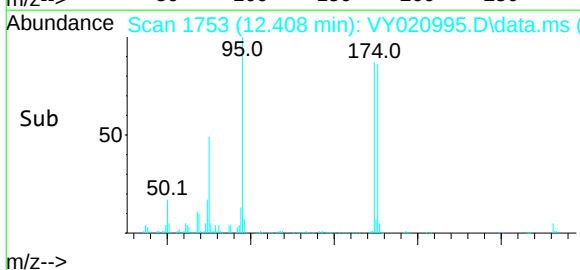
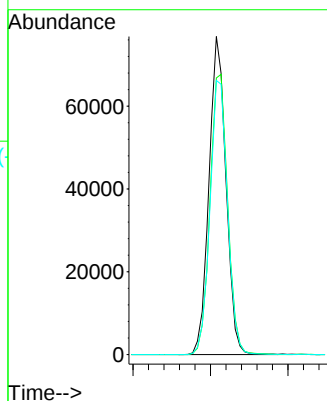
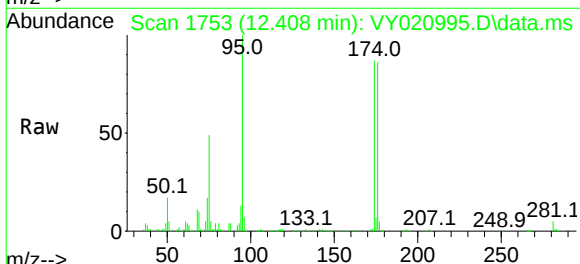
Tgt Ion: 95 Resp: 116949

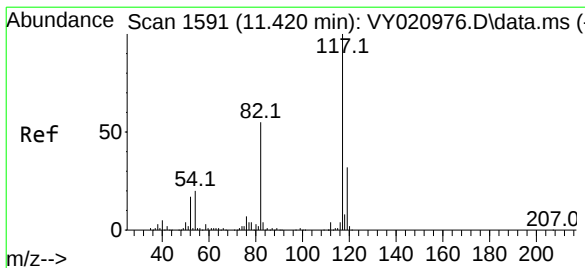
Ion Ratio Lower Upper

95 100

174 91.6 0.0 181.2

176 89.2 0.0 175.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY020995.D

Acq: 30 Jan 2025 18:50

Instrument :

MSVOA_Y

ClientSampleId :

JPP-26.2-012825

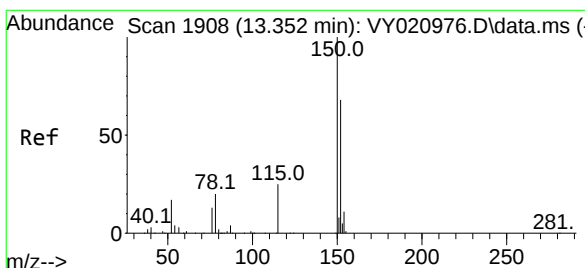
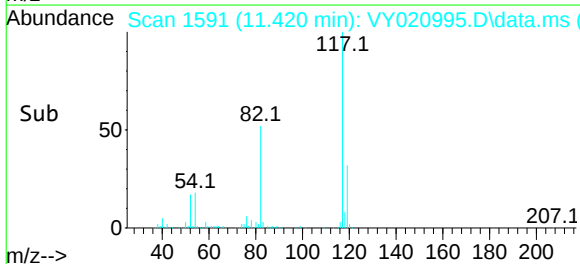
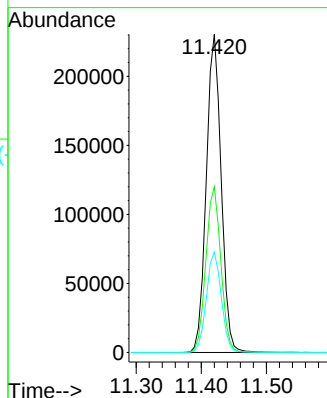
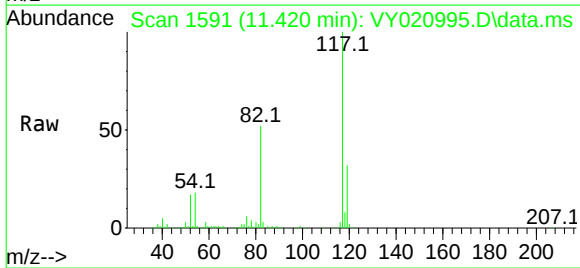
Tgt Ion:117 Resp: 365449

Ion Ratio Lower Upper

117 100

82 52.1 44.2 66.2

119 31.6 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY020995.D

Acq: 30 Jan 2025 18:50

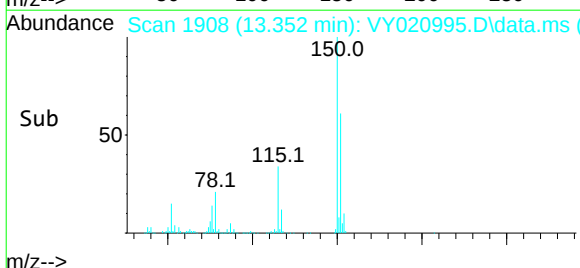
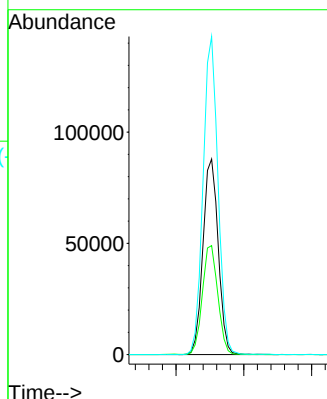
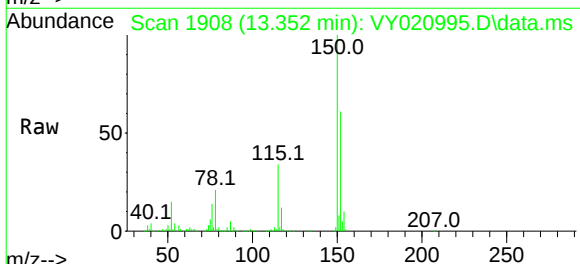
Tgt Ion:152 Resp: 137289

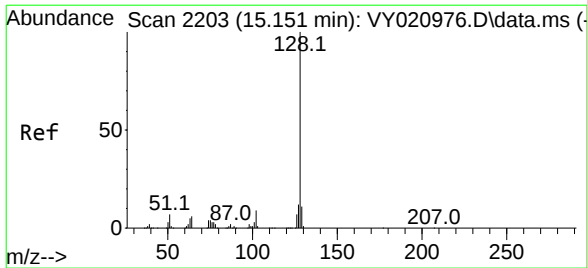
Ion Ratio Lower Upper

152 100

115 56.4 28.4 85.2

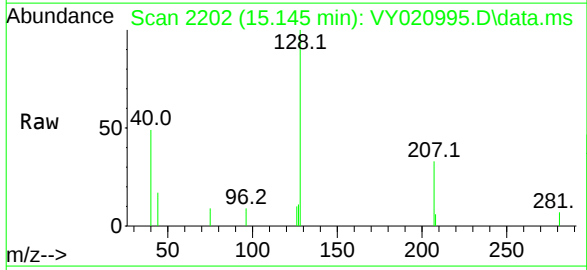
150 158.3 0.0 342.8





#95
Naphthalene
Concen: 4.316 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. -0.006 min
Lab File: VY020995.D
Acq: 30 Jan 2025 18:50

Instrument :
MSVOA_Y
ClientSampleId :
JPP-26.2-012825



Tgt Ion:	128	Resp:	1462
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	8.1	8.8	13.2

