

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013025\
 Data File : VY020988.D
 Acq On : 30 Jan 2025 16:12
 Operator : SY/MD
 Sample : Q1207-05
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-5.1-012725

Quant Time: Jan 31 04:42:13 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)

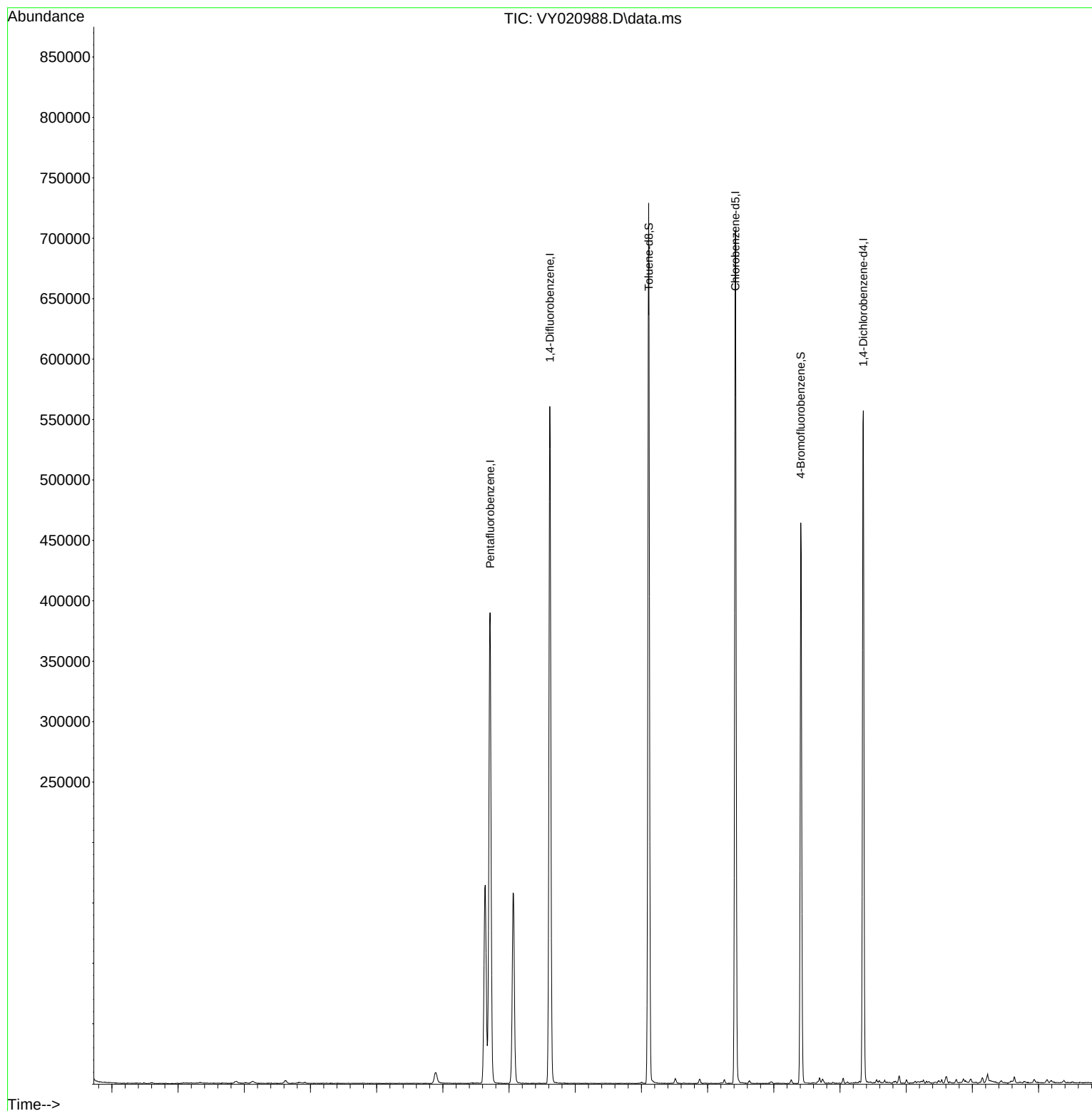
Internal Standards						
1) Pentafluorobenzene	7.713	168	319831	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	499748	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	386706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	154353	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	126155	46.328	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.660%
35) Dibromofluoromethane	7.640	113	118400	39.409	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	78.820%
50) Toluene-d8	10.109	98	483901	41.266	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	82.540%
62) 4-Bromofluorobenzene	12.407	95	140647	35.744	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	71.480%
Target Compounds						
95) Naphthalene	15.151	128	3503	4.683	ug/l	Qvalue # 94

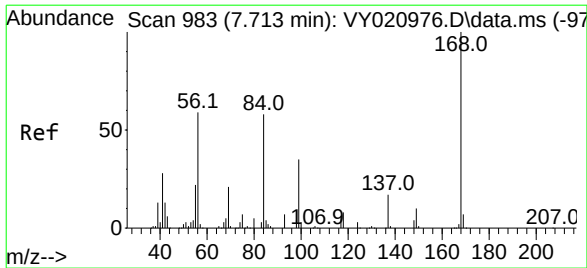
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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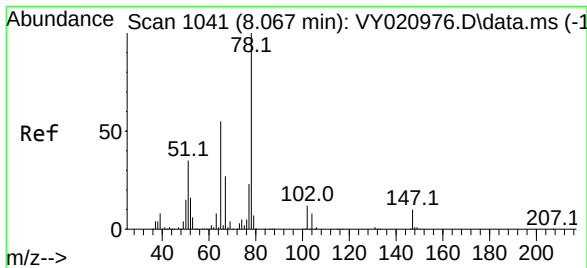
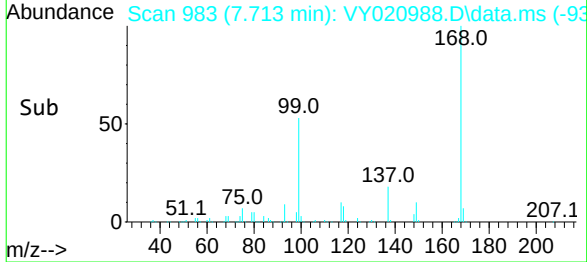
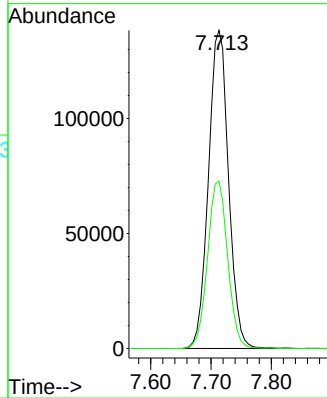
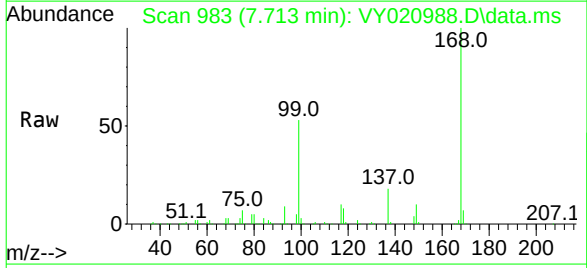




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY020988.D
Acq: 30 Jan 2025 16:12

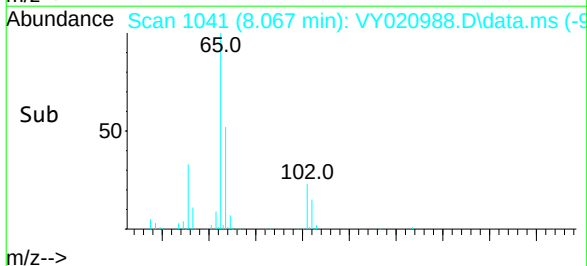
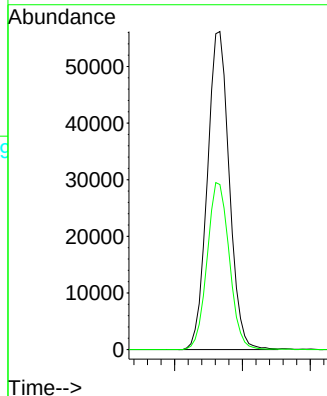
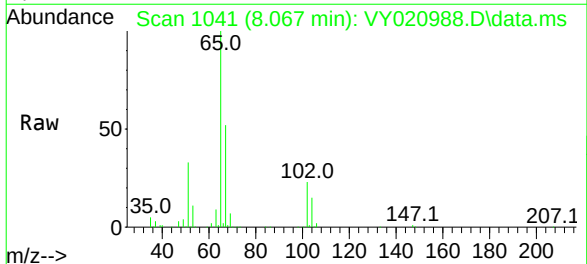
Instrument :
MSVOA_Y
ClientSampleId :
JPP-5.1-012725

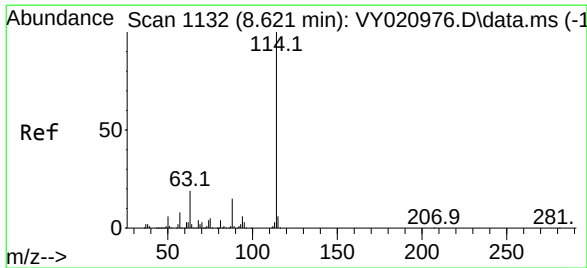
Tgt Ion:168 Resp: 319831
Ion Ratio Lower Upper
168 100
99 52.5 42.2 63.2



#33
1,2-Dichloroethane-d4
Concen: 46.328 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY020988.D
Acq: 30 Jan 2025 16:12

Tgt Ion: 65 Resp: 126155
Ion Ratio Lower Upper
65 100
67 53.0 0.0 104.4

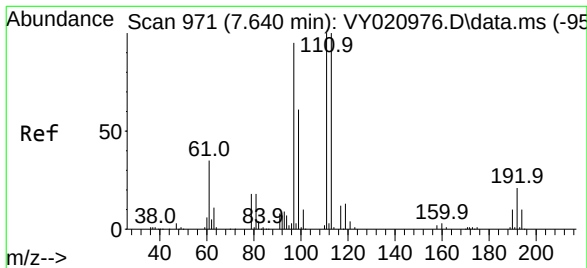
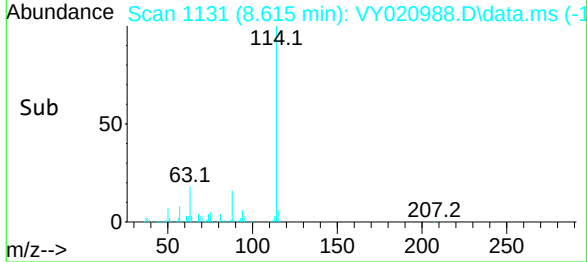
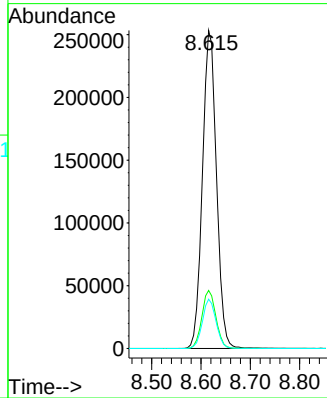
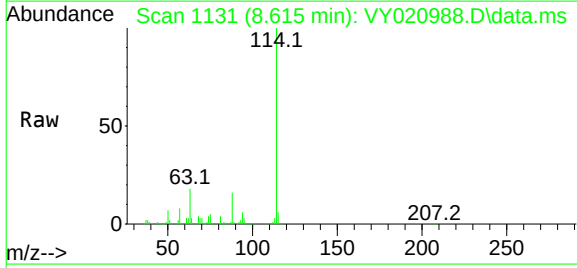




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY020988.D
Acq: 30 Jan 2025 16:12

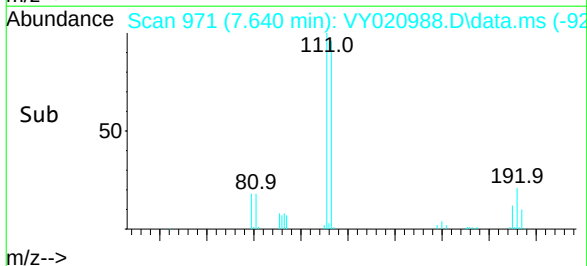
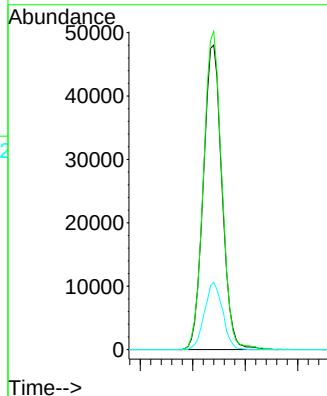
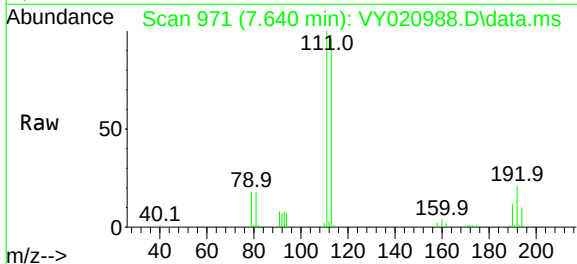
Instrument :
MSVOA_Y
ClientSampleId :
JPP-5.1-012725

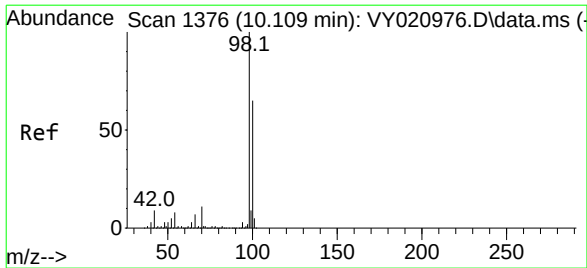
Tgt Ion:	114	Resp:	499748
Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	37.2
88	15.5	0.0	29.6



#35
Dibromofluoromethane
Concen: 39.409 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.000 min
Lab File: VY020988.D
Acq: 30 Jan 2025 16:12

Tgt Ion:	113	Resp:	118400
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.6	123.8
192	21.5	16.8	25.2





#50

Toluene-d8

Concen: 41.266 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020988.D

Acq: 30 Jan 2025 16:12

Instrument :

MSVOA_Y

ClientSampleId :

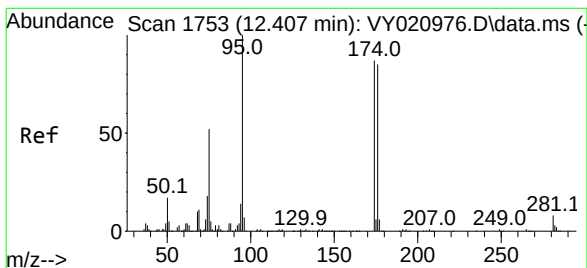
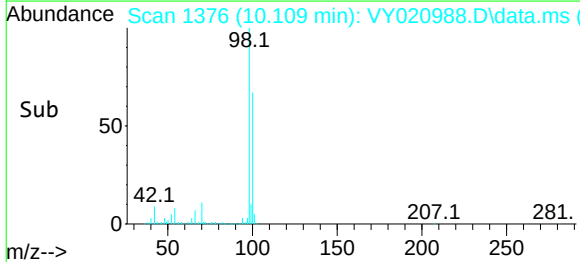
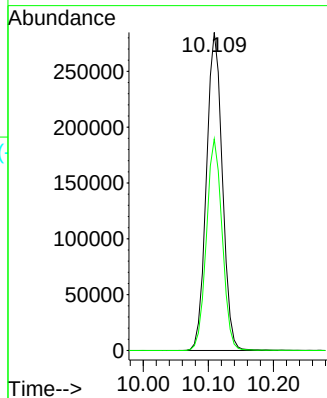
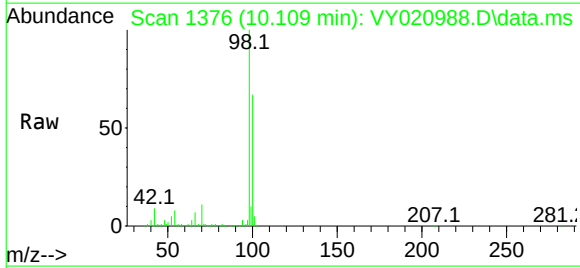
JPP-5.1-012725

Tgt Ion: 98 Resp: 483901

Ion Ratio Lower Upper

98 100

100 65.8 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 35.744 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020988.D

Acq: 30 Jan 2025 16:12

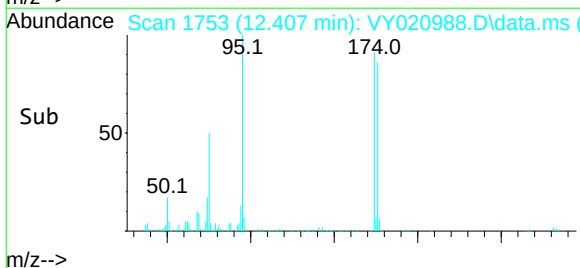
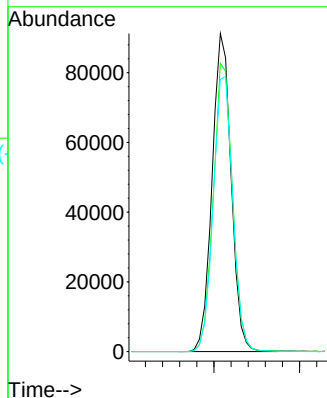
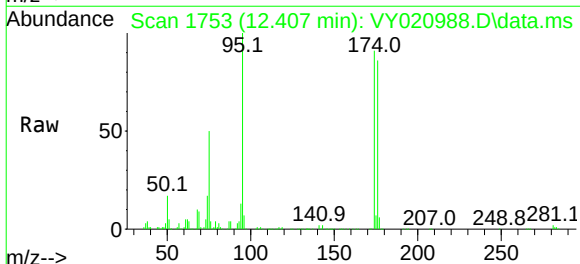
Tgt Ion: 95 Resp: 140647

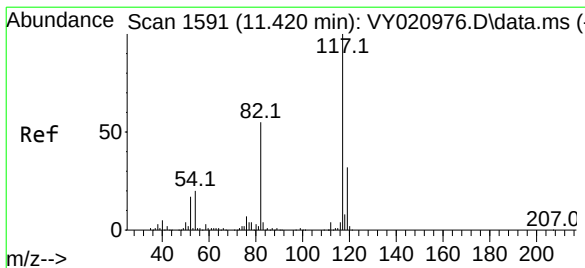
Ion Ratio Lower Upper

95 100

174 92.0 0.0 181.2

176 88.9 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: VY020988.D

Acq: 30 Jan 2025 16:12

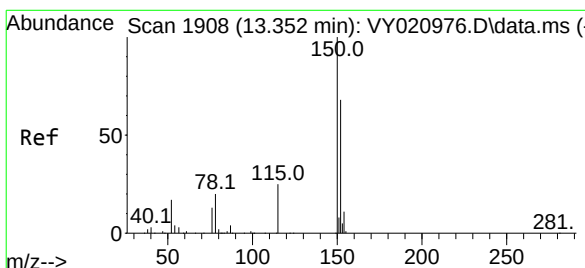
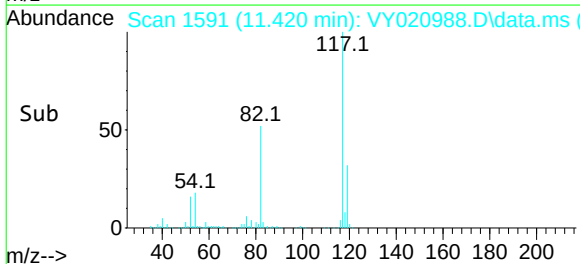
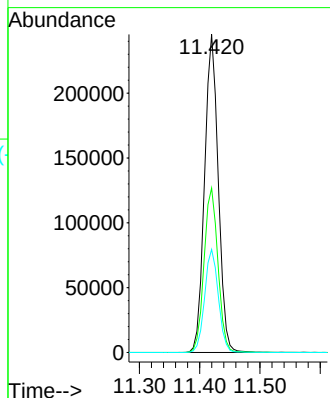
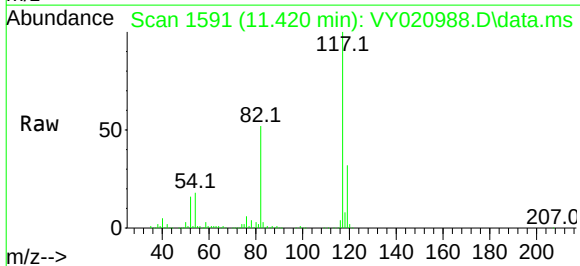
Instrument :

MSVOA_Y

ClientSampleId :

JPP-5.1-012725

Tgt Ion:	117	Resp:	386706
Ion	Ratio	Lower	Upper
117	100		
82	51.7	44.2	66.2
119	32.4	25.9	38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

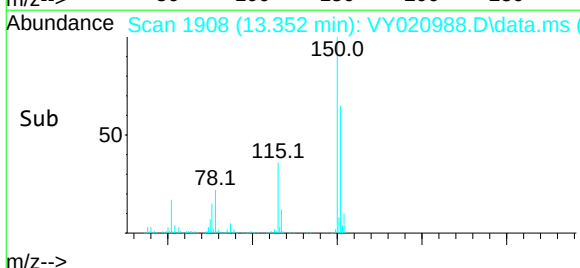
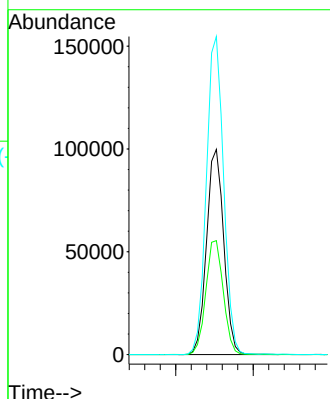
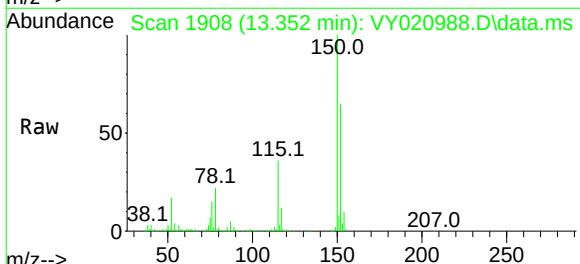
RT: 13.352 min Scan# 1908

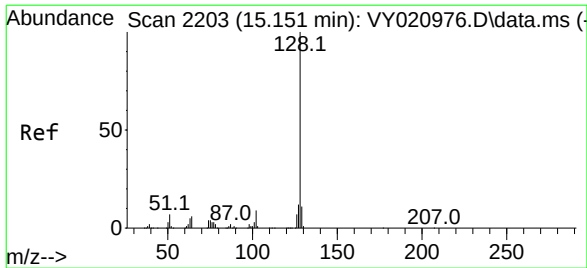
Delta R.T. 0.000 min

Lab File: VY020988.D

Acq: 30 Jan 2025 16:12

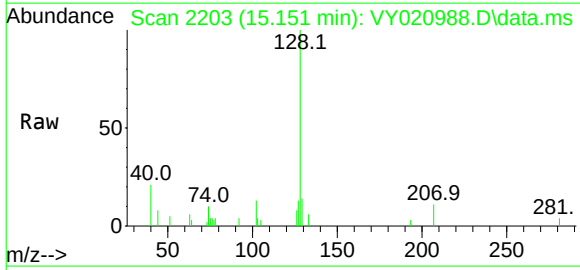
Tgt Ion:	152	Resp:	154353
Ion	Ratio	Lower	Upper
152	100		
115	56.4	28.4	85.2
150	154.8	0.0	342.8





#95
Naphthalene
Concen: 4.683 ug/l
RT: 15.151 min Scan# 2203
Delta R.T. -0.000 min
Lab File: VY020988.D
Acq: 30 Jan 2025 16:12

Instrument :
MSVOA_Y
ClientSampleId :
JPP-5.1-012725



Tgt Ion:	128	Resp:	3503
Ion	Ratio	Lower	Upper
128	100		
127	16.7	10.2	15.4#
129	12.0	8.8	13.2

