

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013025\
 Data File : VY020993.D
 Acq On : 30 Jan 2025 18:05
 Operator : SY/MD
 Sample : Q1216-09
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-21.2-012825

Quant Time: Jan 31 04:43:46 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)

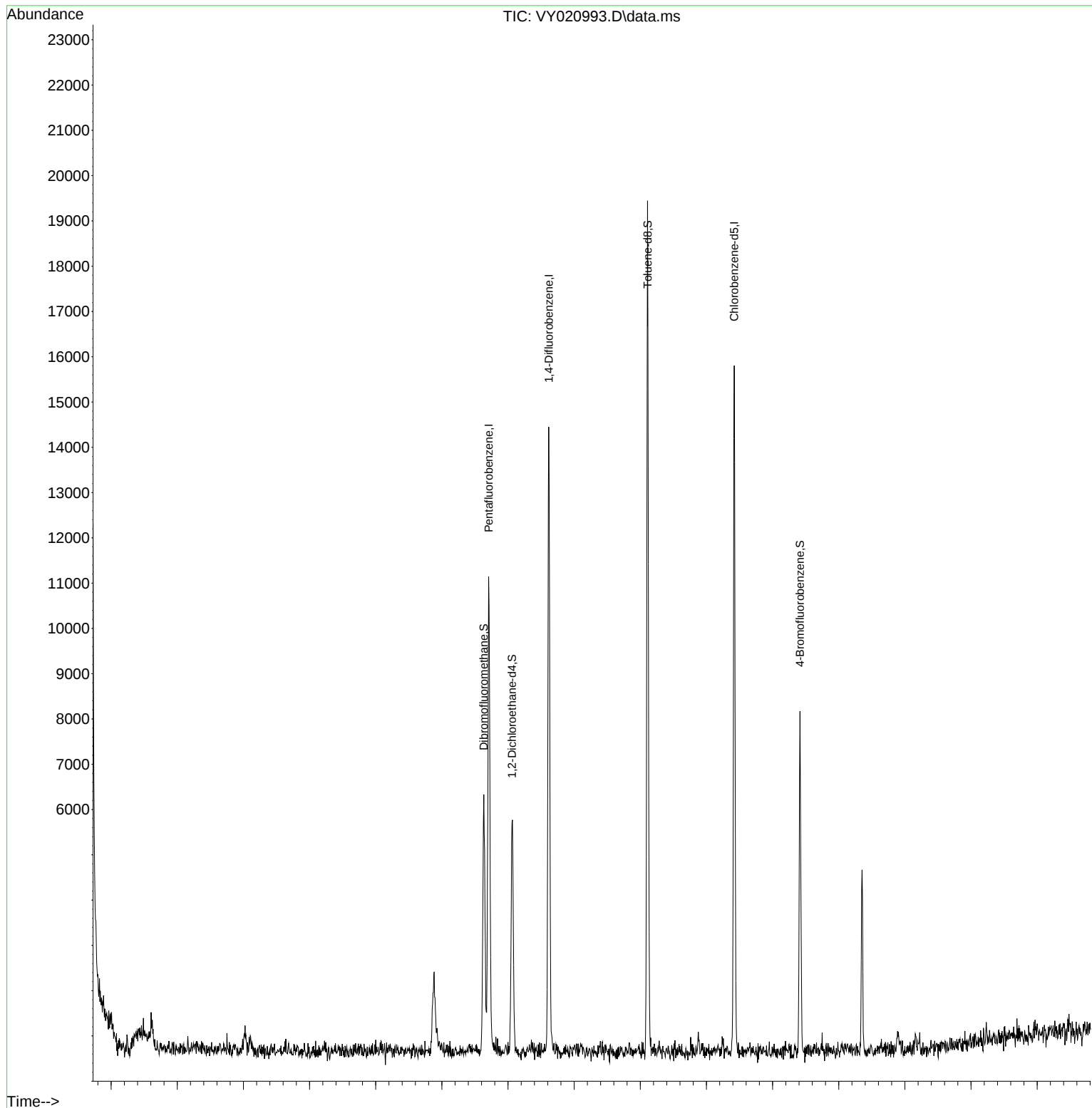
Internal Standards						
1) Pentafluorobenzene	7.707	168	8991	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	13054	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	9470	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	1334	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	4665	60.940	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.880%
35) Dibromofluoromethane	7.634	113	4232	53.926	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.860%
50) Toluene-d8	10.109	98	12549	40.969	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	81.940%
62) 4-Bromofluorobenzene	12.414	95	2257	21.959	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	43.920%
Target Compounds						
5) Bromomethane	2.611	94	284	8.371	ug/l	Qvalue # 71

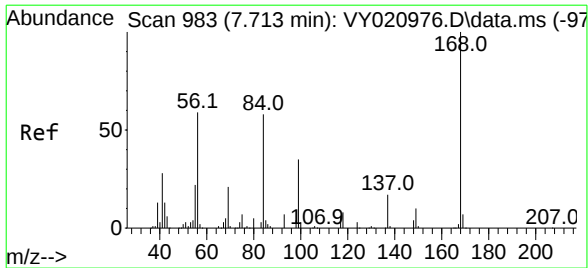
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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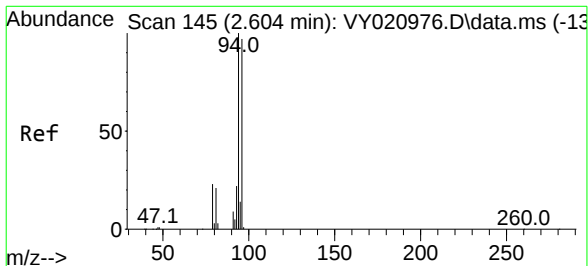
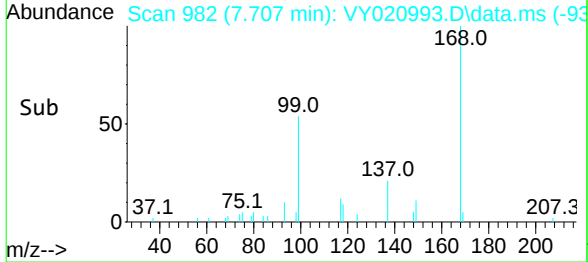
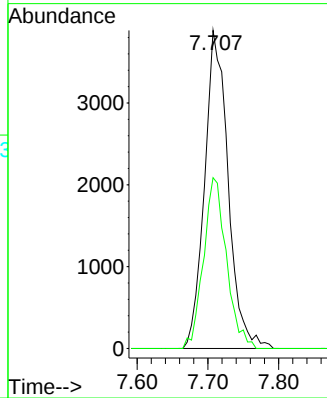
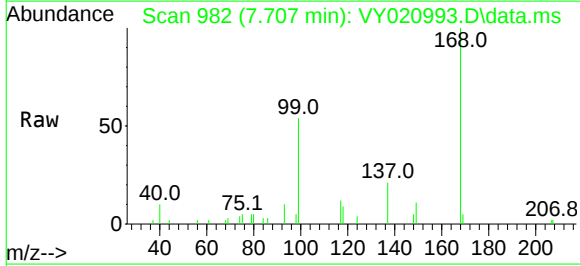




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. -0.006 min
Lab File: VY020993.D
Acq: 30 Jan 2025 18:05

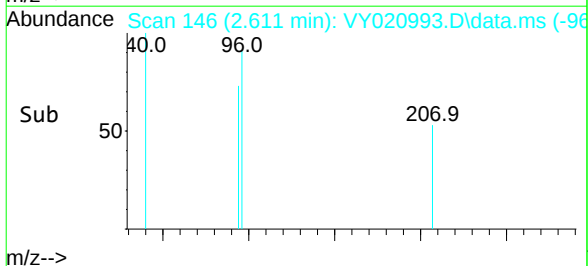
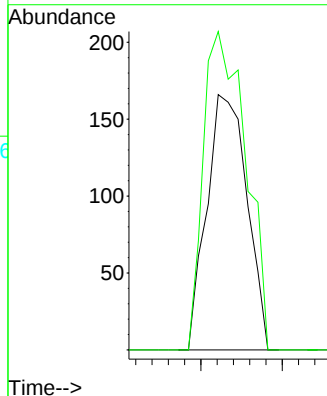
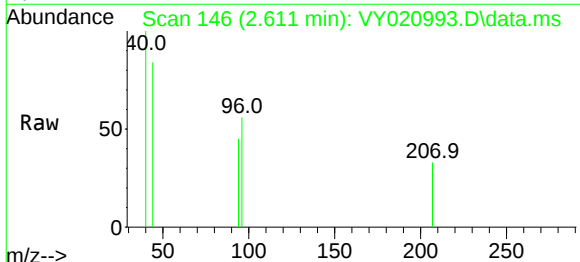
Instrument :
MSVOA_Y
ClientSampleId :
JPP-21.2-012825

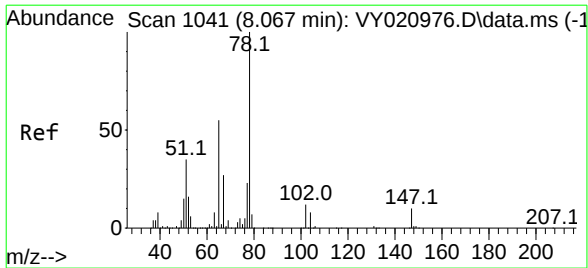
Tgt Ion:168 Resp: 8991
Ion Ratio Lower Upper
168 100
99 53.7 42.2 63.2



#5
Bromomethane
Concen: 8.371 ug/l
RT: 2.611 min Scan# 146
Delta R.T. 0.007 min
Lab File: VY020993.D
Acq: 30 Jan 2025 18:05

Tgt Ion: 94 Resp: 284
Ion Ratio Lower Upper
94 100
96 124.7 77.4 116.0#

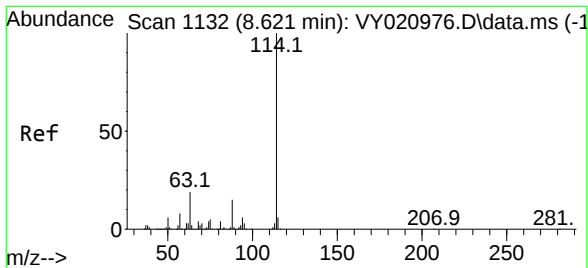
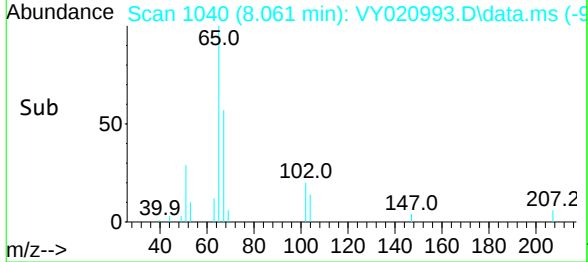
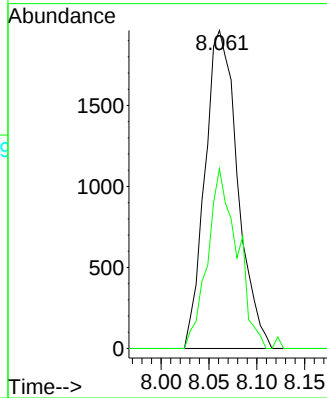
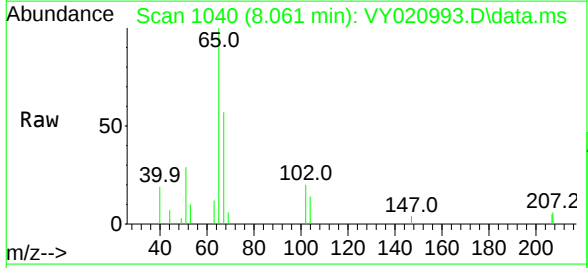




#33
1,2-Dichloroethane-d4
Concen: 60.940 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY020993.D
Acq: 30 Jan 2025 18:05

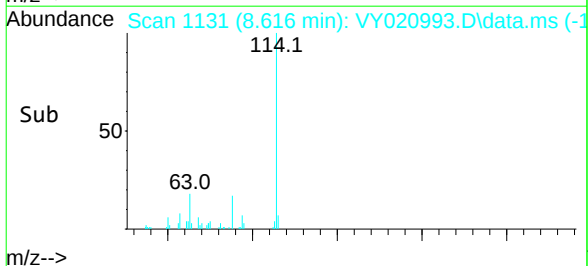
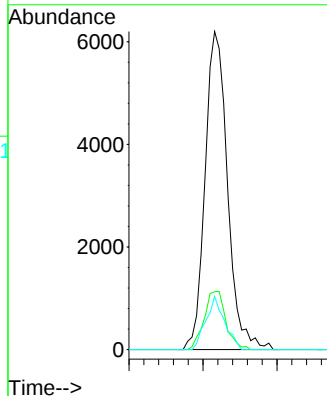
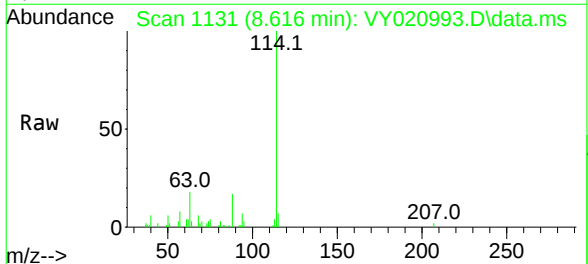
Instrument :
MSVOA_Y
ClientSampleId :
JPP-21.2-012825

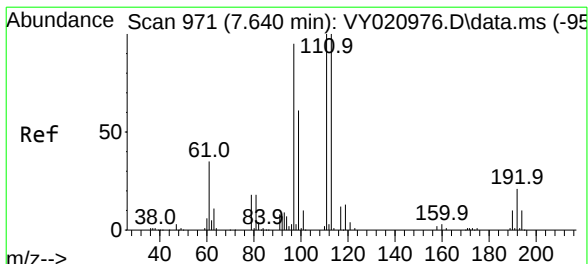
Tgt Ion: 65 Resp: 4665
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY020993.D
Acq: 30 Jan 2025 18:05

Tgt Ion: 114 Resp: 13054
Ion Ratio Lower Upper
114 100
63 18.2 0.0 37.2
88 16.7 0.0 29.6

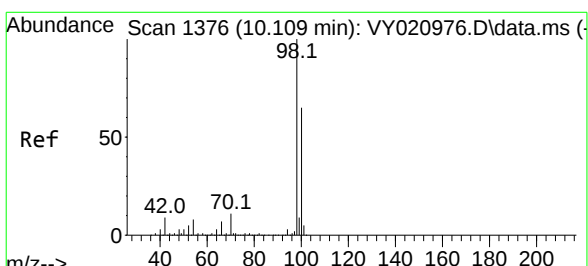
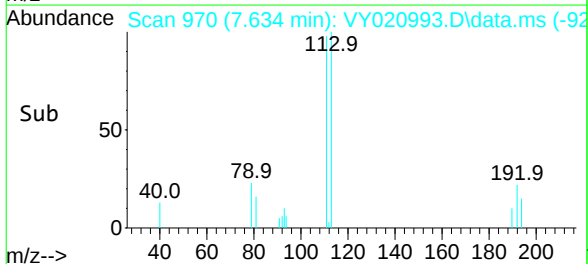
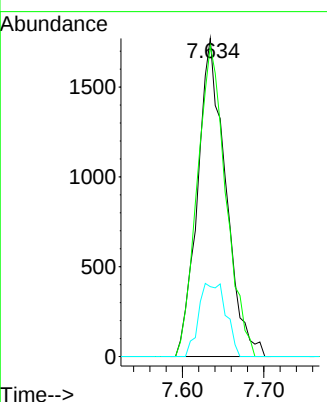
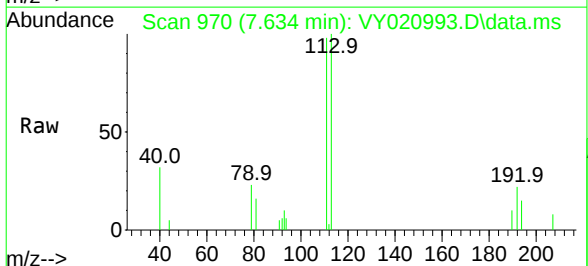




#35
 Dibromofluoromethane
 Concen: 53.926 ug/l
 RT: 7.634 min Scan# 971
 Delta R.T. -0.006 min
 Lab File: VY020993.D
 Acq: 30 Jan 2025 18:05

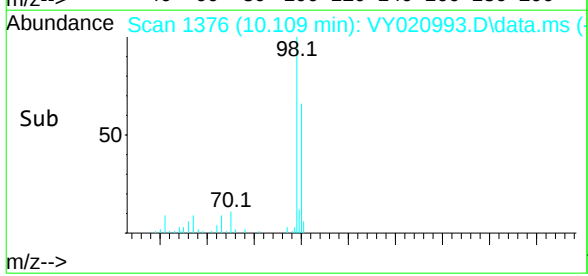
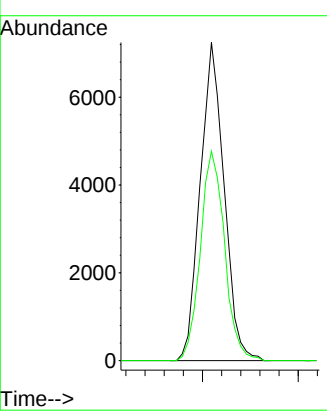
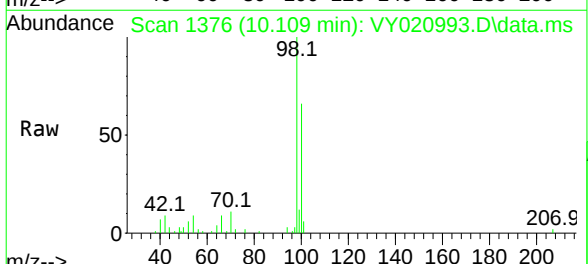
Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-21.2-012825

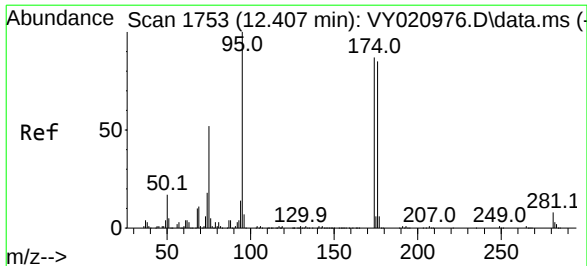
Tgt Ion:	113	Resp:	4232
Ion	Ratio	Lower	Upper
113	100		
111	100.0	82.6	123.8
192	22.3	16.8	25.2



#50
 Toluene-d8
 Concen: 40.969 ug/l
 RT: 10.109 min Scan# 1376
 Delta R.T. 0.000 min
 Lab File: VY020993.D
 Acq: 30 Jan 2025 18:05

Tgt Ion:	98	Resp:	12549
Ion	Ratio	Lower	Upper
98	100		
100	66.7	52.6	79.0





#62

4-Bromofluorobenzene

Concen: 21.959 ug/l

RT: 12.414 min Scan# 1753

Delta R.T. 0.007 min

Lab File: VY020993.D

Acq: 30 Jan 2025 18:05

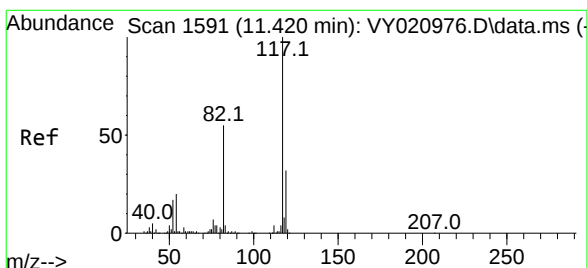
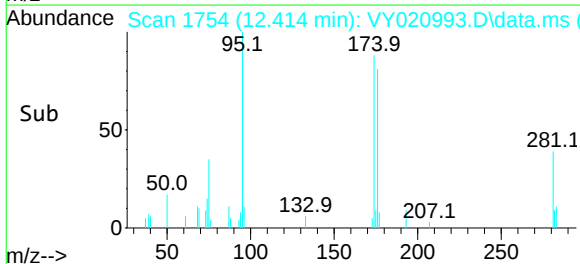
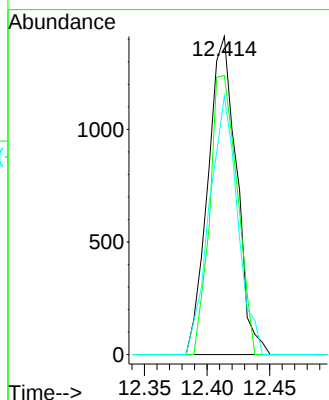
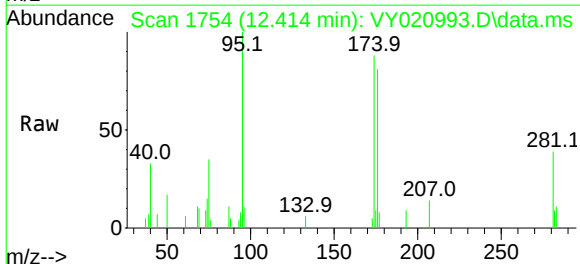
Instrument :

MSVOA_Y

ClientSampleId :

JPP-21.2-012825

Tgt Ion:	95	Resp:	2257
Ion	Ratio	Lower	Upper
95	100		
174	83.6	0.0	181.2
176	80.1	0.0	175.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

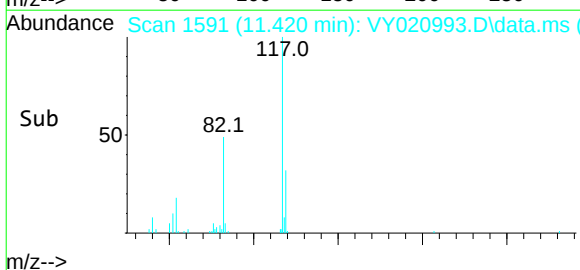
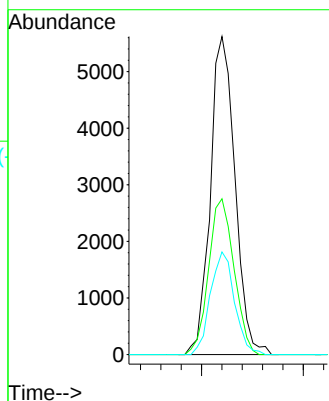
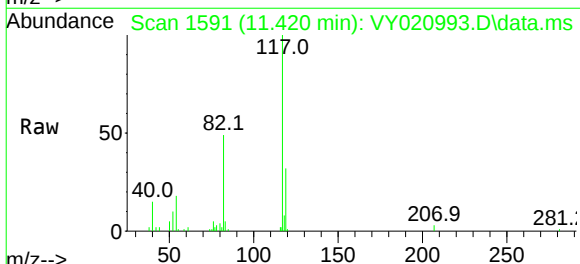
RT: 11.420 min Scan# 1591

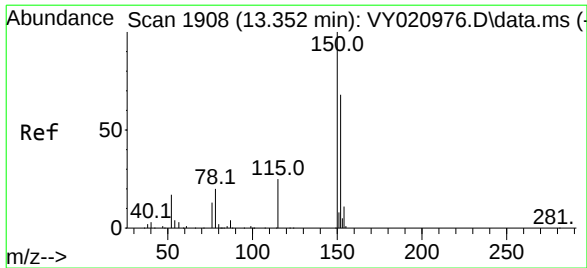
Delta R.T. 0.000 min

Lab File: VY020993.D

Acq: 30 Jan 2025 18:05

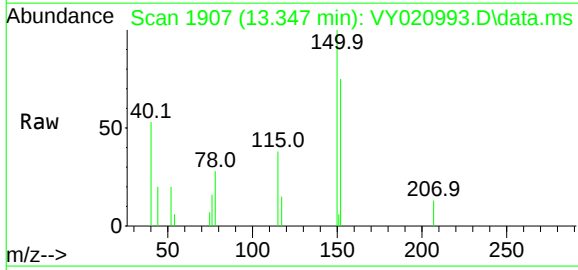
Tgt Ion:	117	Resp:	9470
Ion	Ratio	Lower	Upper
117	100		
82	49.0	44.2	66.2
119	32.3	25.9	38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 19
 Delta R.T. -0.006 min
 Lab File: VY020993.D
 Acq: 30 Jan 2025 18:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-21.2-012825



Tgt Ion:152 Resp: 1334
 Ion Ratio Lower Upper
 152 100
 115 54.6 28.4 85.2
 150 143.3 0.0 342.8

