

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013025\
 Data File : VY020989.D
 Acq On : 30 Jan 2025 16:34
 Operator : SY/MD
 Sample : Q1207-09
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-4.5-012725

Quant Time: Jan 31 04:42:32 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)

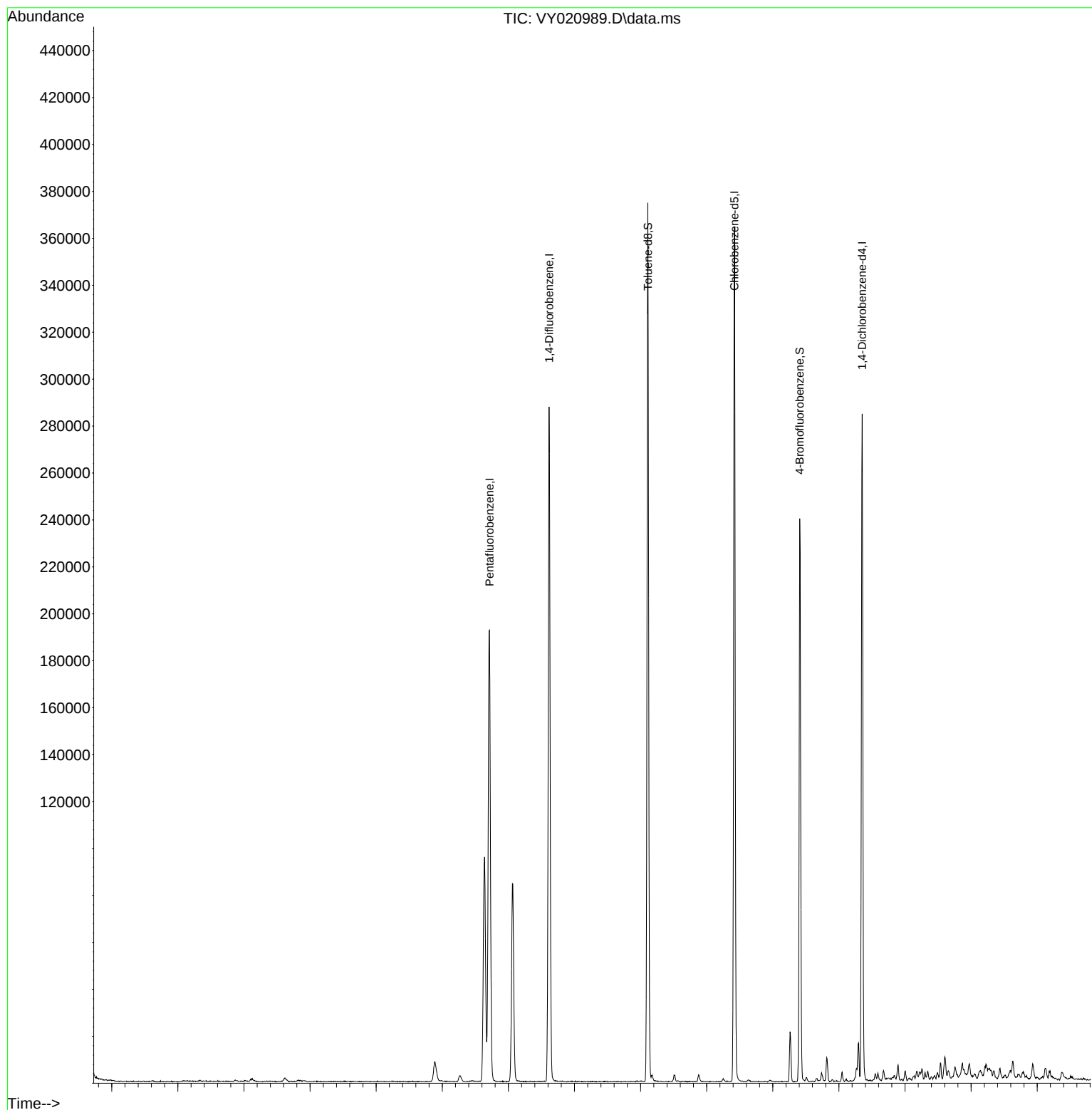
Internal Standards						
1) Pentafluorobenzene	7.713	168	160424	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	253728	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	201099	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	76657	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	69278	50.721	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.440%
35) Dibromofluoromethane	7.640	113	69479	45.549	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.100%
50) Toluene-d8	10.109	98	248200	41.689	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	83.380%
62) 4-Bromofluorobenzene	12.408	95	72930	36.506	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	73.020%
Target Compounds						
29) Tetrahydrofuran	7.274	42	2141	10.075	ug/l	94
86) p-Isopropyltoluene	13.298	119	8916	1.832	ug/l	93
95) Naphthalene	15.145	128	2318	4.913	ug/l	96

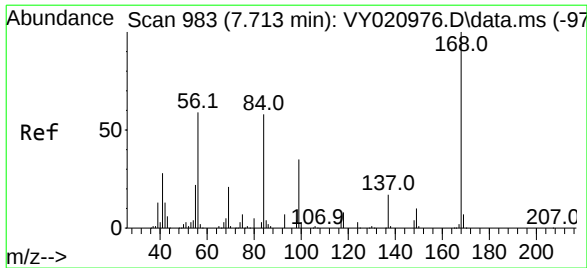
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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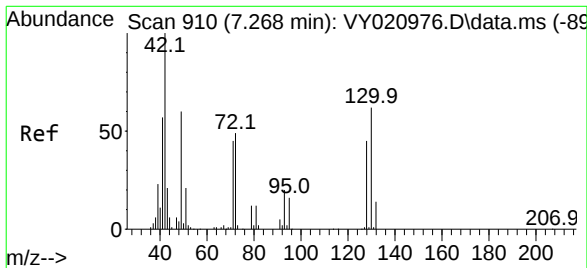
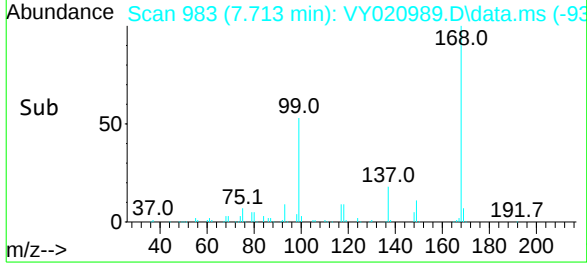
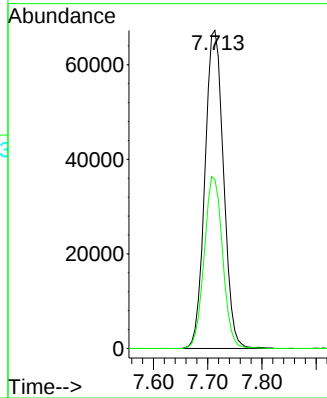
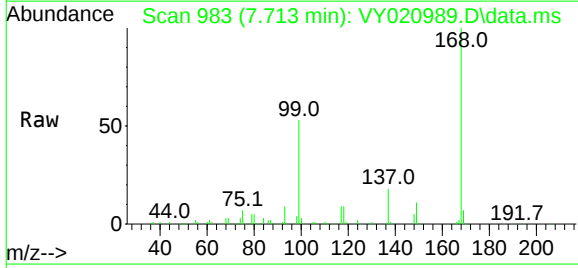




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020989.D
Acq: 30 Jan 2025 16:34

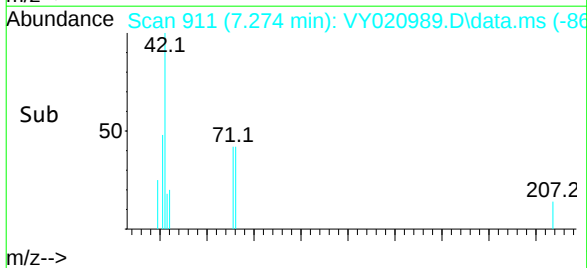
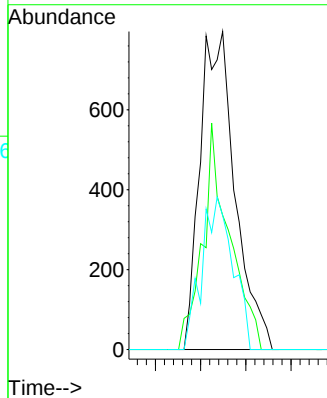
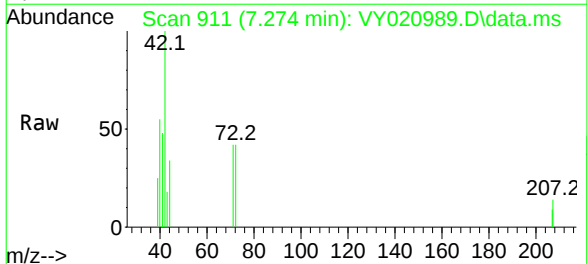
Instrument :
MSVOA_Y
ClientSampleId :
JPP-4.5-012725

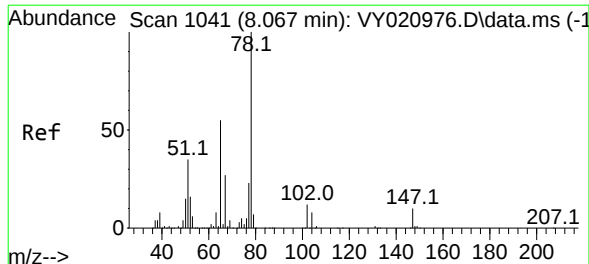
Tgt Ion:168 Resp: 160424
Ion Ratio Lower Upper
168 100
99 53.1 42.2 63.2



#29
Tetrahydrofuran
Concen: 10.075 ug/l
RT: 7.274 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY020989.D
Acq: 30 Jan 2025 16:34

Tgt Ion: 42 Resp: 2141
Ion Ratio Lower Upper
42 100
72 54.3 39.3 58.9
71 42.7 36.1 54.1

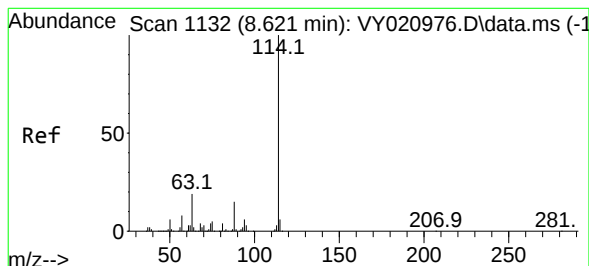
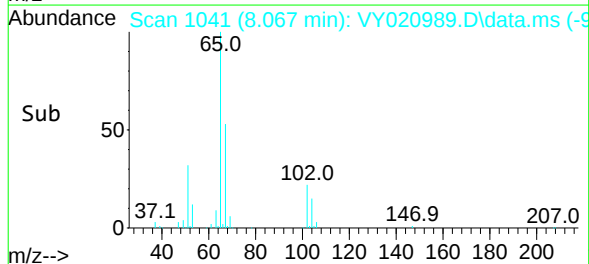
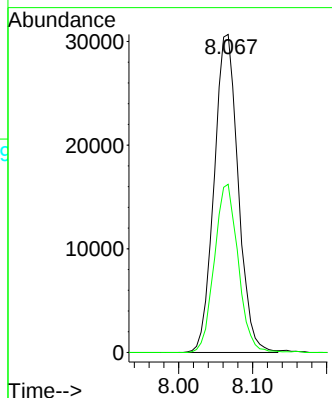
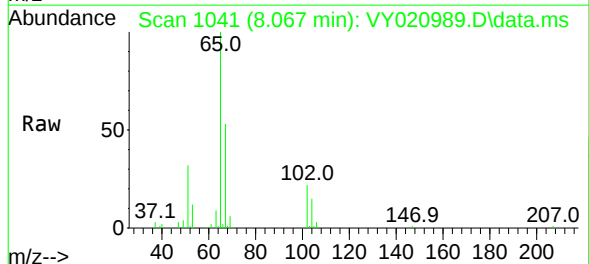




#33
1,2-Dichloroethane-d4
Concen: 50.721 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY020989.D
Acq: 30 Jan 2025 16:34

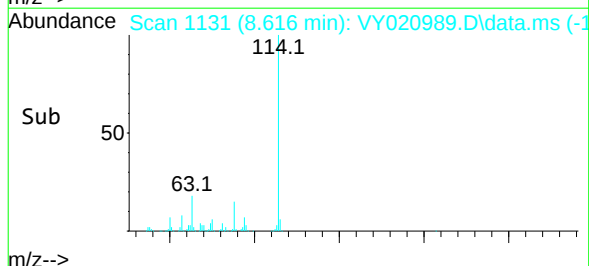
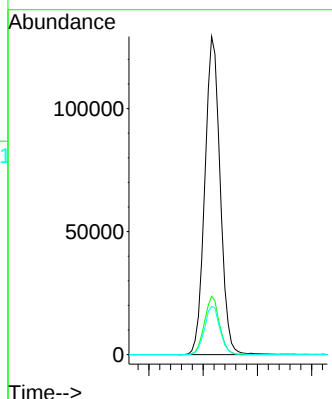
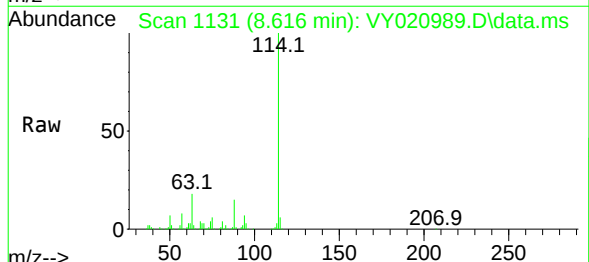
Instrument :
MSVOA_Y
ClientSampleId :
JPP-4.5-012725

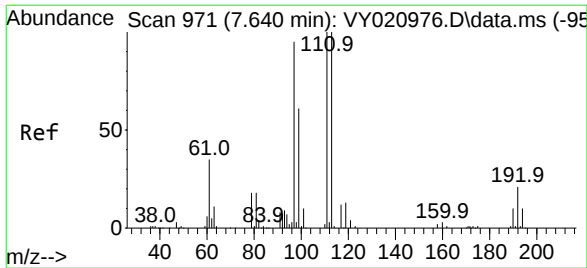
Tgt Ion: 65 Resp: 69278
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY020989.D
Acq: 30 Jan 2025 16:34

Tgt Ion: 114 Resp: 253728
Ion Ratio Lower Upper
114 100
63 18.4 0.0 37.2
88 15.1 0.0 29.6

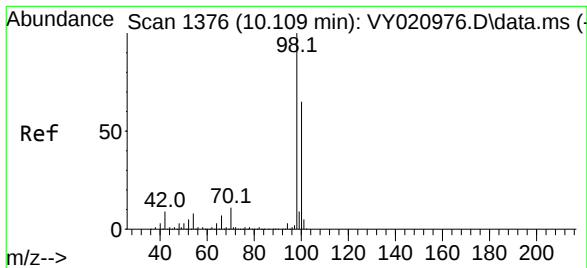
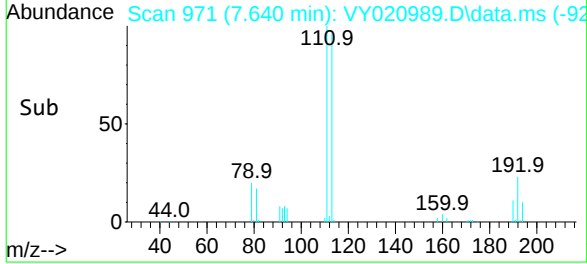
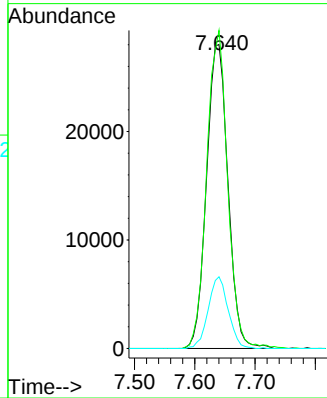
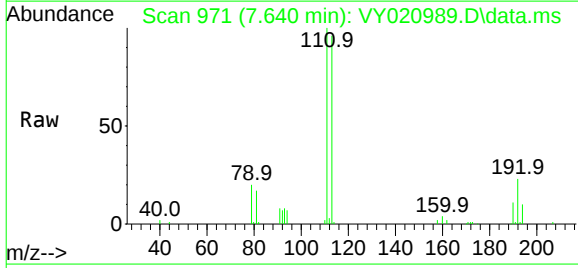




#35
Dibromofluoromethane
Concen: 45.549 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.000 min
Lab File: VY020989.D
Acq: 30 Jan 2025 16:34

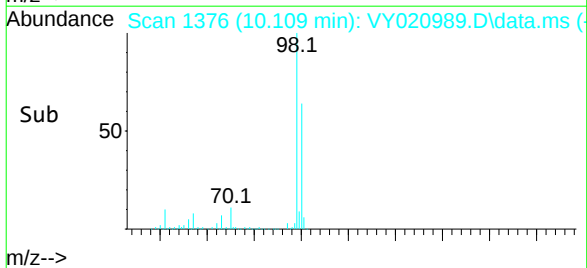
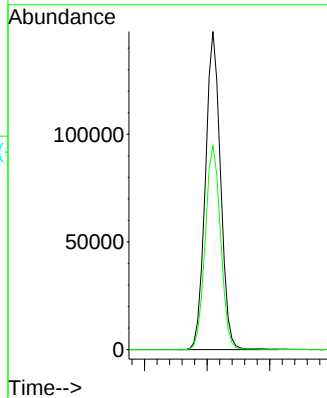
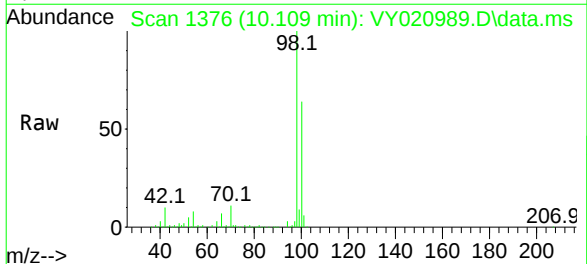
Instrument :
MSVOA_Y
ClientSampleId :
JPP-4.5-012725

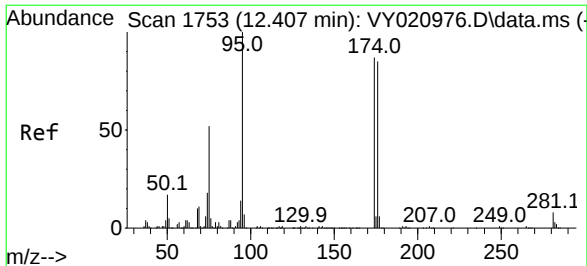
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.6	123.8
192	21.9	16.8	25.2



#50
Toluene-d8
Concen: 41.689 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020989.D
Acq: 30 Jan 2025 16:34

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.6	79.0

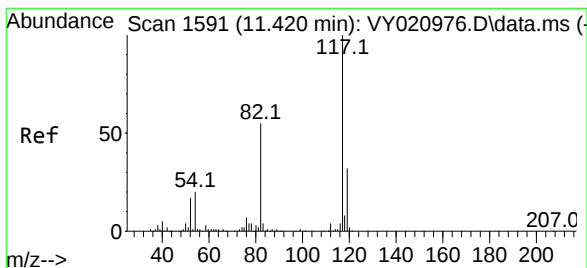
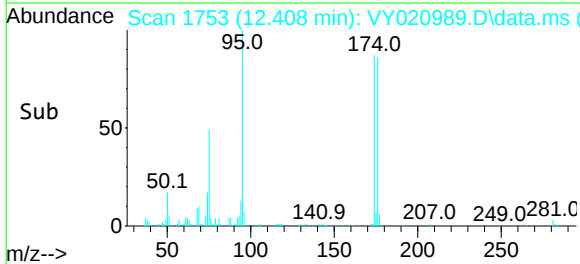
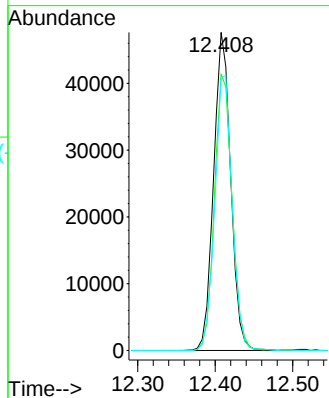
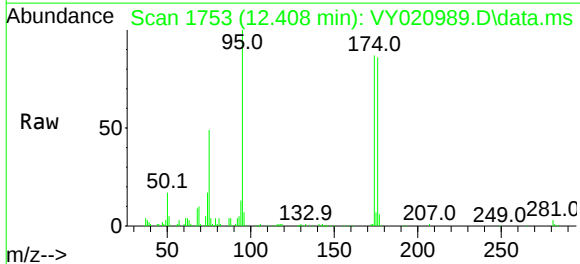




#62
4-Bromofluorobenzene
Concen: 36.506 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020989.D
Acq: 30 Jan 2025 16:34

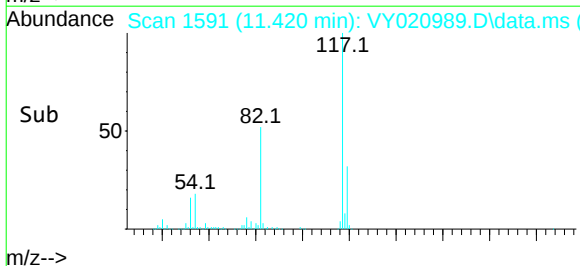
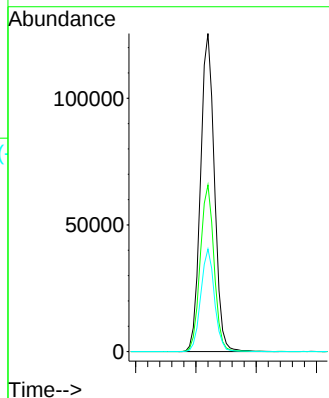
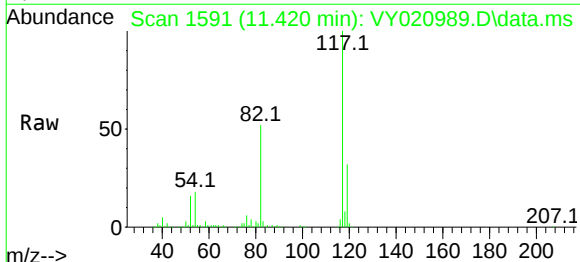
Instrument :
MSVOA_Y
ClientSampleId :
JPP-4.5-012725

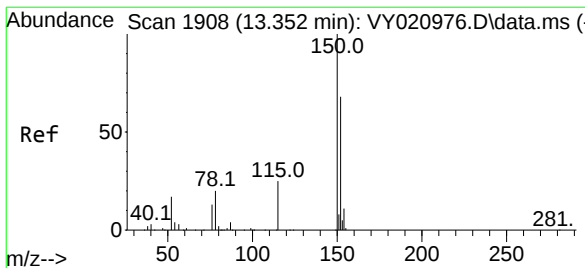
Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.7	0.0	181.2
176	88.2	0.0	175.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY020989.D
Acq: 30 Jan 2025 16:34

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.4	44.2	66.2
119	32.3	25.9	38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY020989.D

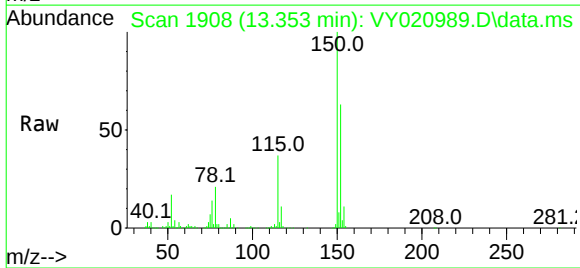
Acq: 30 Jan 2025 16:34

Instrument :

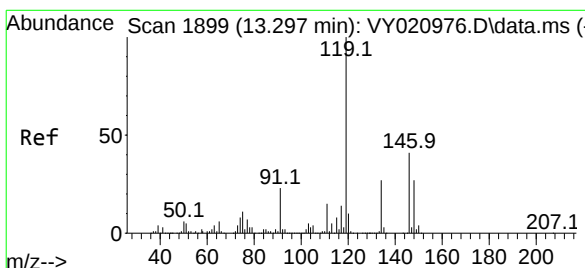
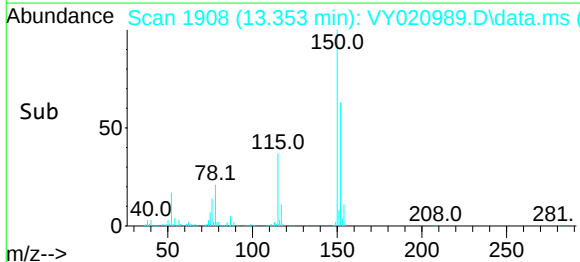
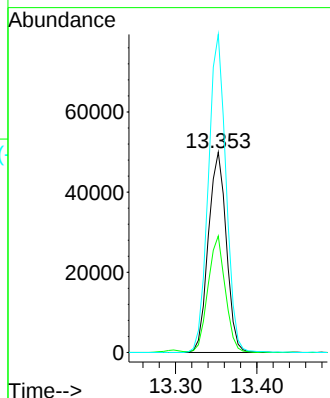
MSVOA_Y

ClientSampleId :

JPP-4.5-012725



Tgt Ion:	152	Resp:	76657
Ion	Ratio	Lower	Upper
152	100		
115	56.1	28.4	85.2
150	156.3	0.0	342.8



#86

p-Isopropyltoluene

Concen: 1.832 ug/l

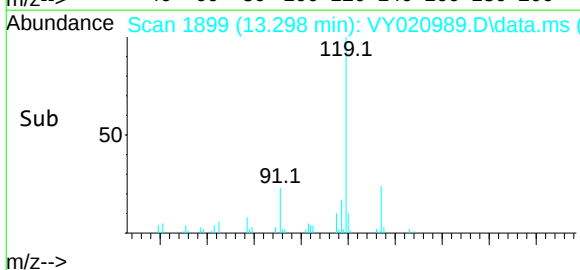
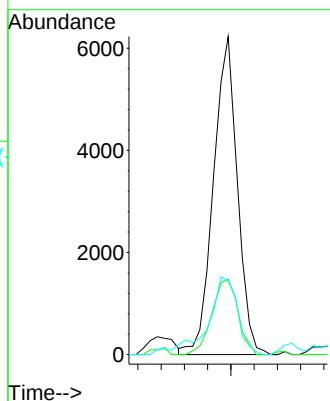
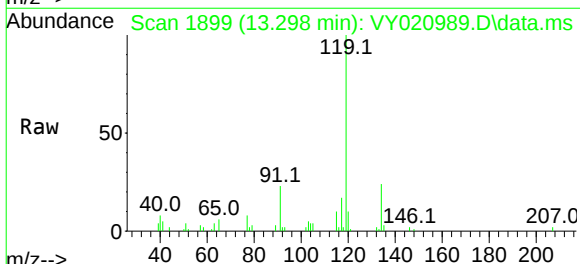
RT: 13.298 min Scan# 1899

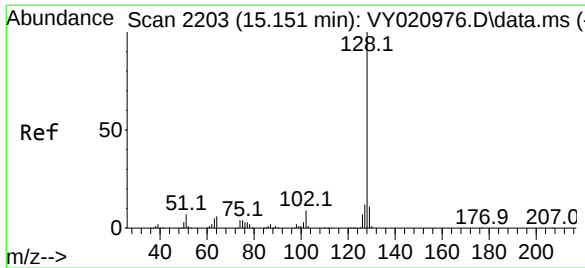
Delta R.T. 0.000 min

Lab File: VY020989.D

Acq: 30 Jan 2025 16:34

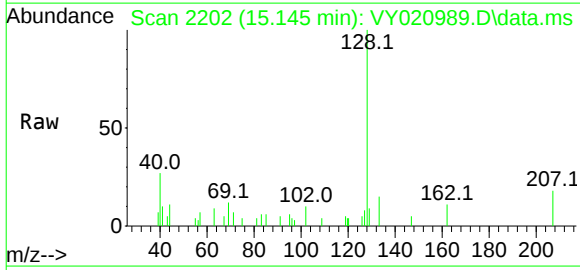
Tgt Ion:	119	Resp:	8916
Ion	Ratio	Lower	Upper
119	100		
134	25.9	13.1	39.3
91	30.3	11.5	34.5





#95
Naphthalene
Concen: 4.913 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. -0.006 min
Lab File: VY020989.D
Acq: 30 Jan 2025 16:34

Instrument :
MSVOA_Y
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JPP-4.5-012725



Tgt Ion:128 Resp: 2318
Ion Ratio Lower Upper
128 100
127 13.7 10.2 15.4
129 9.0 8.8 13.2

