

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
 Data File : VY021034.D
 Acq On : 03 Feb 2025 17:01
 Operator : SY/MD
 Sample : Q1216-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-18.1-012825

Quant Time: Feb 04 00:57:35 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)

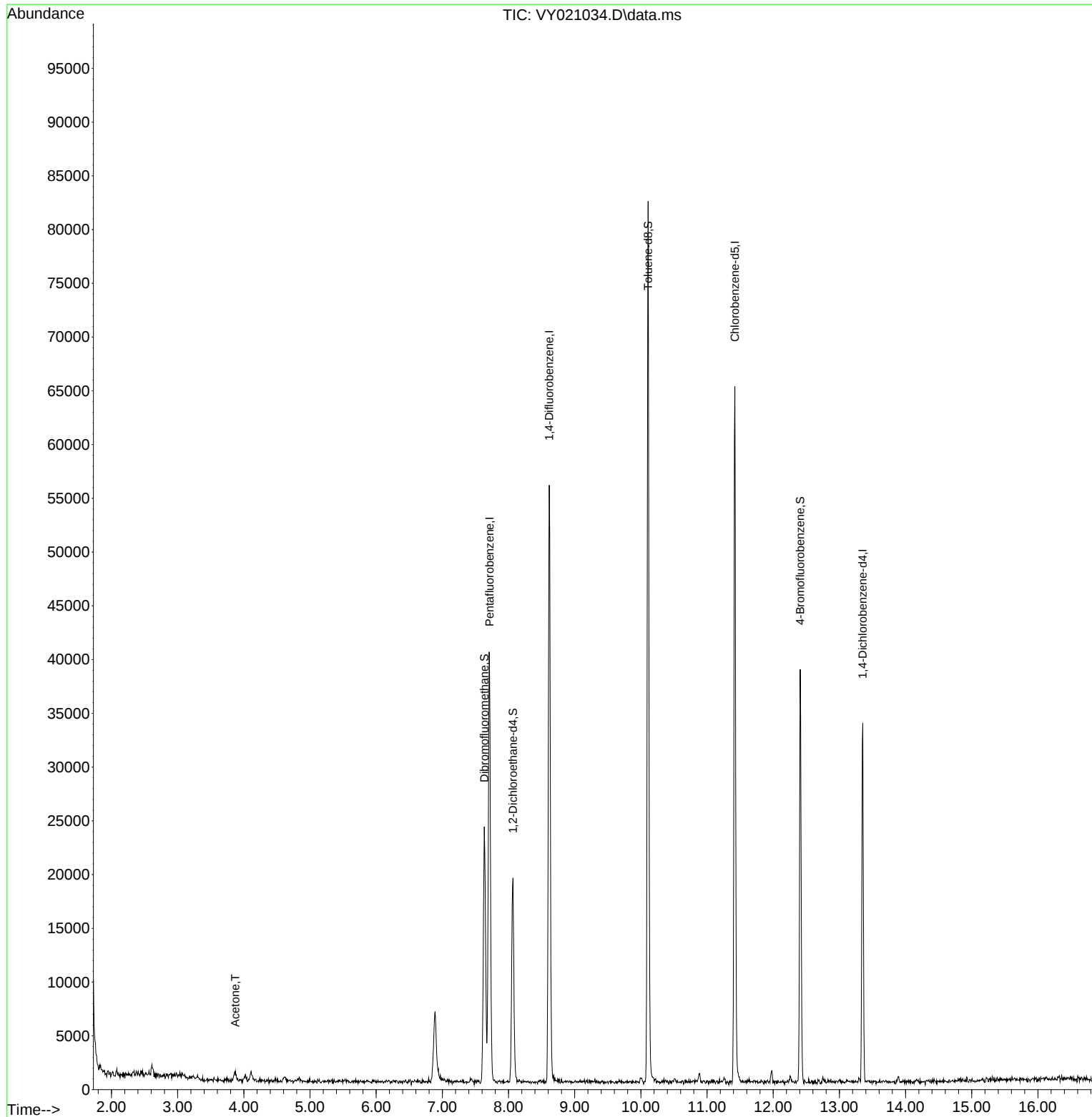
Internal Standards						
1) Pentafluorobenzene	7.713	168	30654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	47061	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	35477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	8817	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	16079	51.195	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.380%	
35) Dibromofluoromethane	7.634	113	16528	54.801	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.600%	
50) Toluene-d8	10.109	98	53931	46.970	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 93.940%	
62) 4-Bromofluorobenzene	12.407	95	11660	31.084	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 62.160%	
Target Compounds						
16) Acetone	3.872	43	1465	29.911	ug/l	Qvalue 90

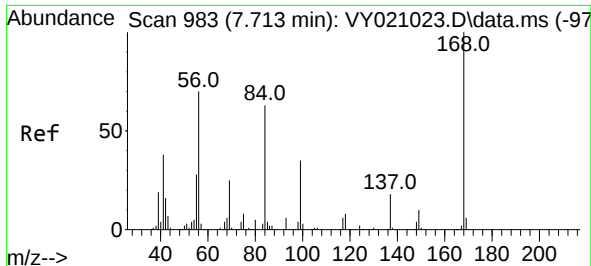
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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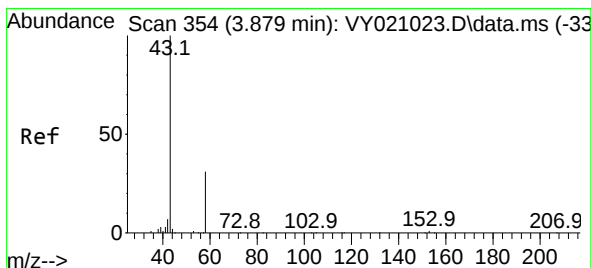
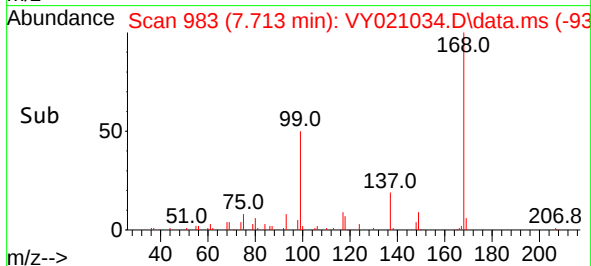
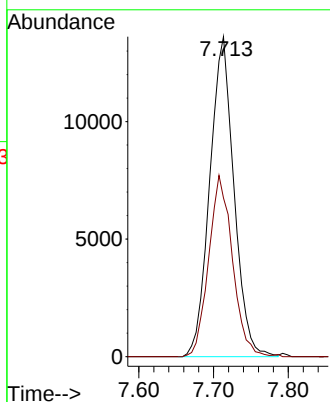
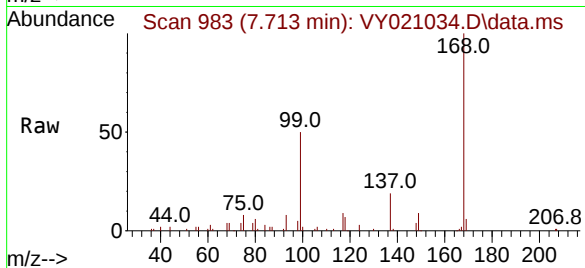




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021034.D
Acq: 03 Feb 2025 17:01

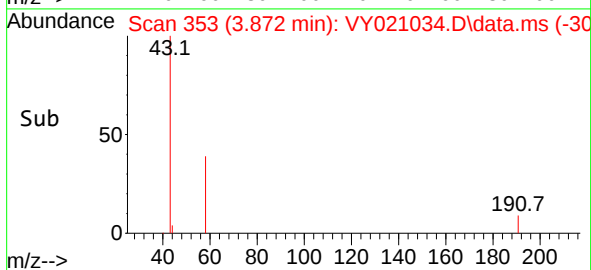
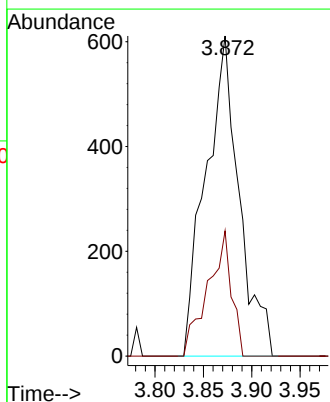
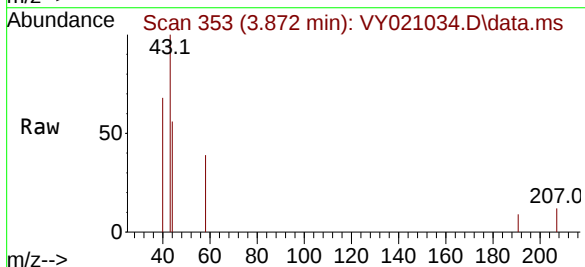
Instrument :
MSVOA_Y
ClientSampleId :
JPP-18.1-012825

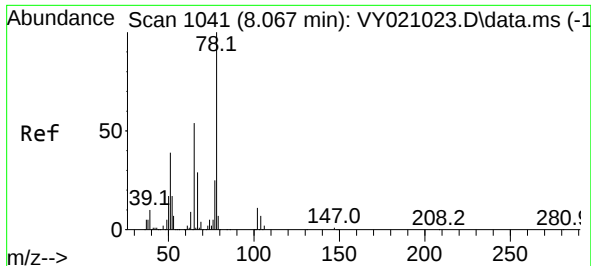
Tgt Ion:168 Resp: 30654
Ion Ratio Lower Upper
168 100
99 49.6 44.2 66.4



#16
Acetone
Concen: 29.911 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY021034.D
Acq: 03 Feb 2025 17:01

Tgt Ion: 43 Resp: 1465
Ion Ratio Lower Upper
43 100
58 39.1 26.6 39.8





#33

1,2-Dichloroethane-d4

Concen: 51.195 ug/l

RT: 8.067 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY021034.D

Acq: 03 Feb 2025 17:01

Instrument :

MSVOA_Y

ClientSampleId :

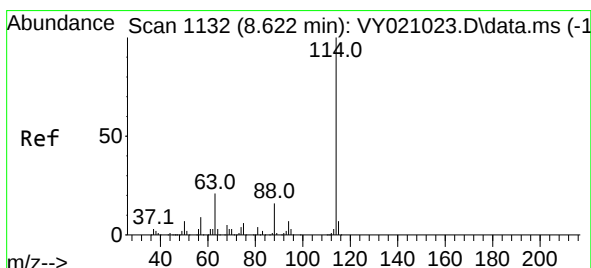
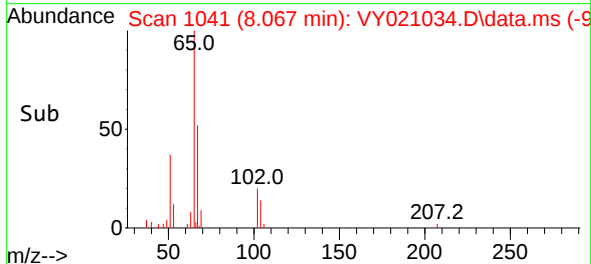
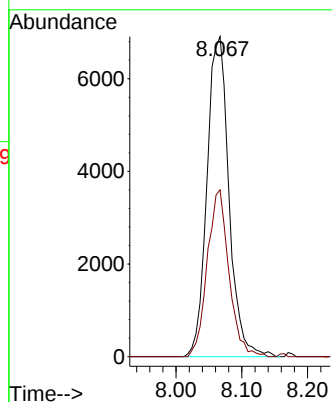
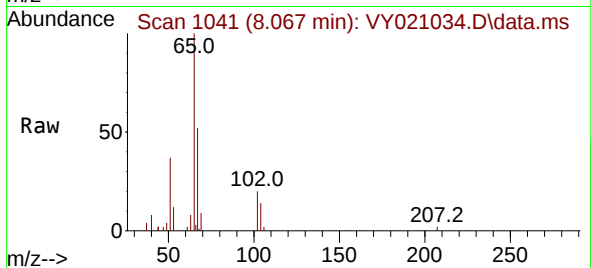
JPP-18.1-012825

Tgt Ion: 65 Resp: 16079

Ion Ratio Lower Upper

65 100

67 51.4 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021034.D

Acq: 03 Feb 2025 17:01

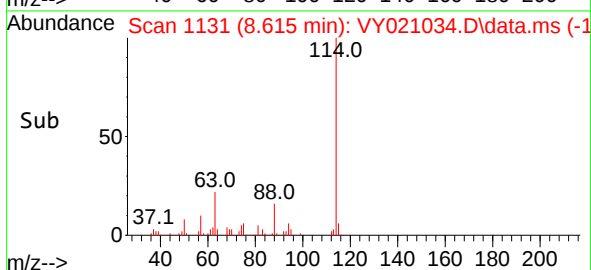
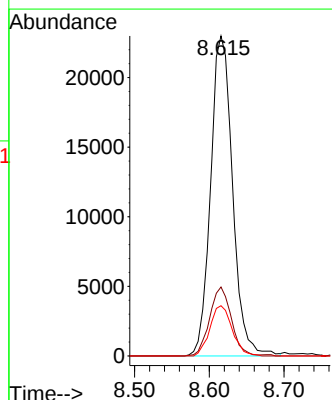
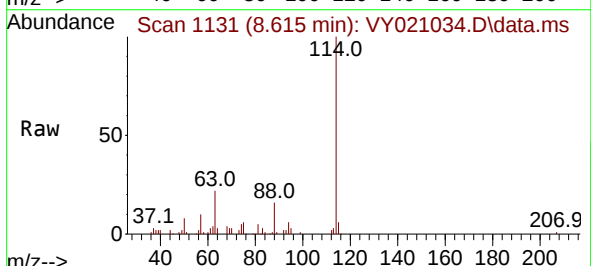
Tgt Ion: 114 Resp: 47061

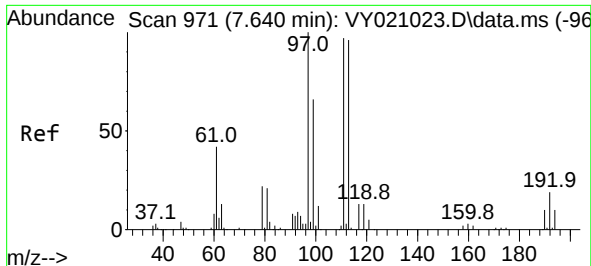
Ion Ratio Lower Upper

114 100

63 21.5 0.0 37.4

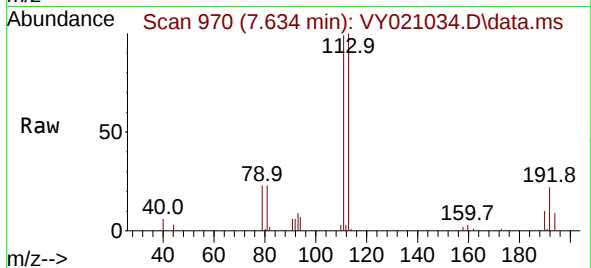
88 15.7 0.0 29.0



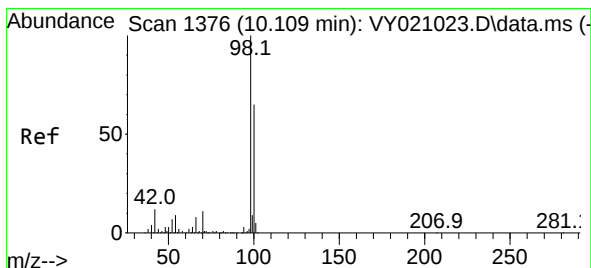
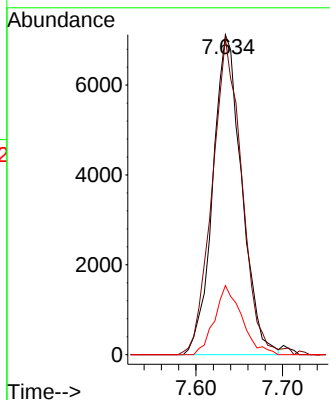
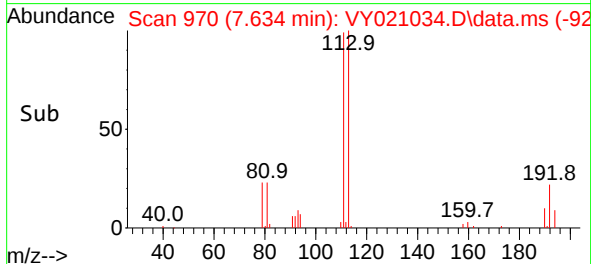


#35
Dibromofluoromethane
Concen: 54.801 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021034.D
Acq: 03 Feb 2025 17:01

Instrument :
MSVOA_Y
ClientSampleId :
JPP-18.1-012825

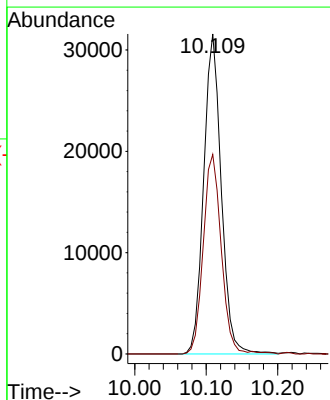
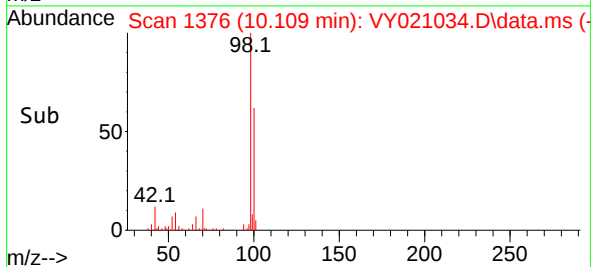
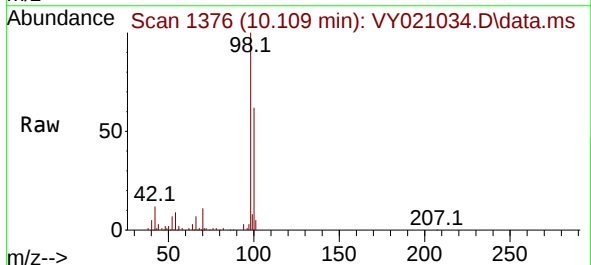


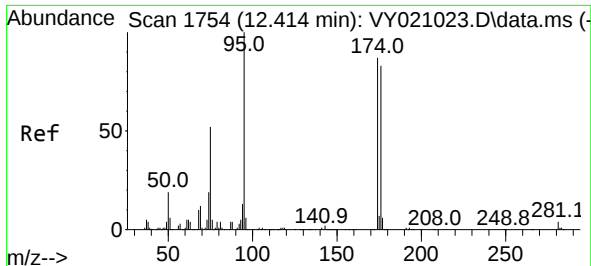
Tgt Ion:113 Resp: 16528
Ion Ratio Lower Upper
113 100
111 102.2 83.8 125.6
192 20.3 14.5 21.7



#50
Toluene-d8
Concen: 46.970 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021034.D
Acq: 03 Feb 2025 17:01

Tgt Ion: 98 Resp: 53931
Ion Ratio Lower Upper
98 100
100 63.8 52.3 78.5

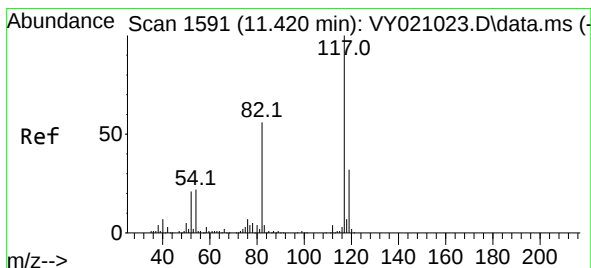
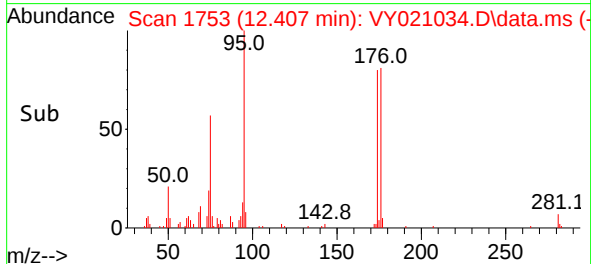
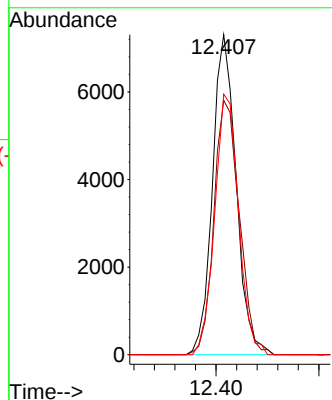
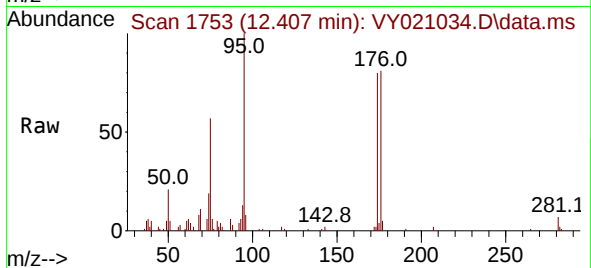




#62
4-Bromofluorobenzene
Concen: 31.084 ug/l
RT: 12.407 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021034.D
Acq: 03 Feb 2025 17:01

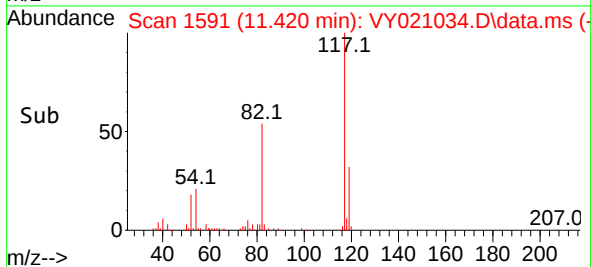
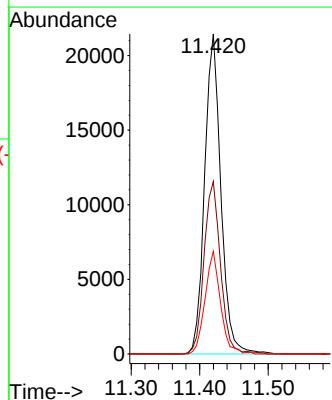
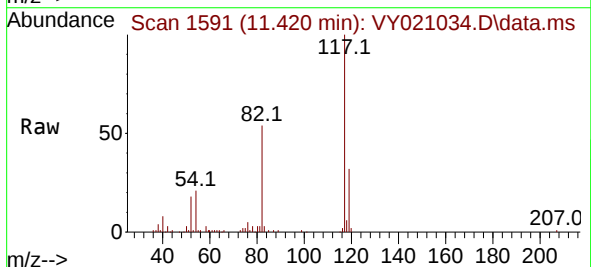
Instrument :
MSVOA_Y
ClientSampleId :
JPP-18.1-012825

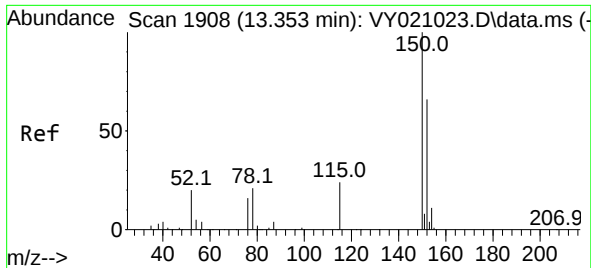
Tgt Ion:	95	Resp:	11660
Ion	Ratio	Lower	Upper
95	100		
174	85.0	0.0	160.0
176	82.2	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY021034.D
Acq: 03 Feb 2025 17:01

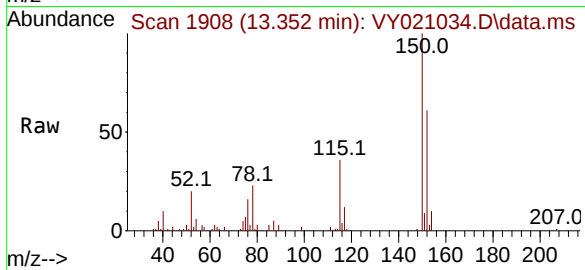
Tgt Ion:	117	Resp:	35477
Ion	Ratio	Lower	Upper
117	100		
82	53.9	43.8	65.8
119	32.1	26.5	39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.352 min Scan# 1908
 Delta R.T. -0.000 min
 Lab File: VY021034.D
 Acq: 03 Feb 2025 17:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-18.1-012825



Tgt Ion:	152	Resp:	8817
Ion	Ratio	Lower	Upper
152	100		
115	58.3	30.0	90.0
150	157.3	0.0	344.6

