

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103025\
 Data File : VY023624.D
 Acq On : 30 Oct 2025 11:53
 Operator : SY/MD
 Sample : Q3486-01
 Misc : 6.43g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP3

Quant Time: Oct 31 02:37:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

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

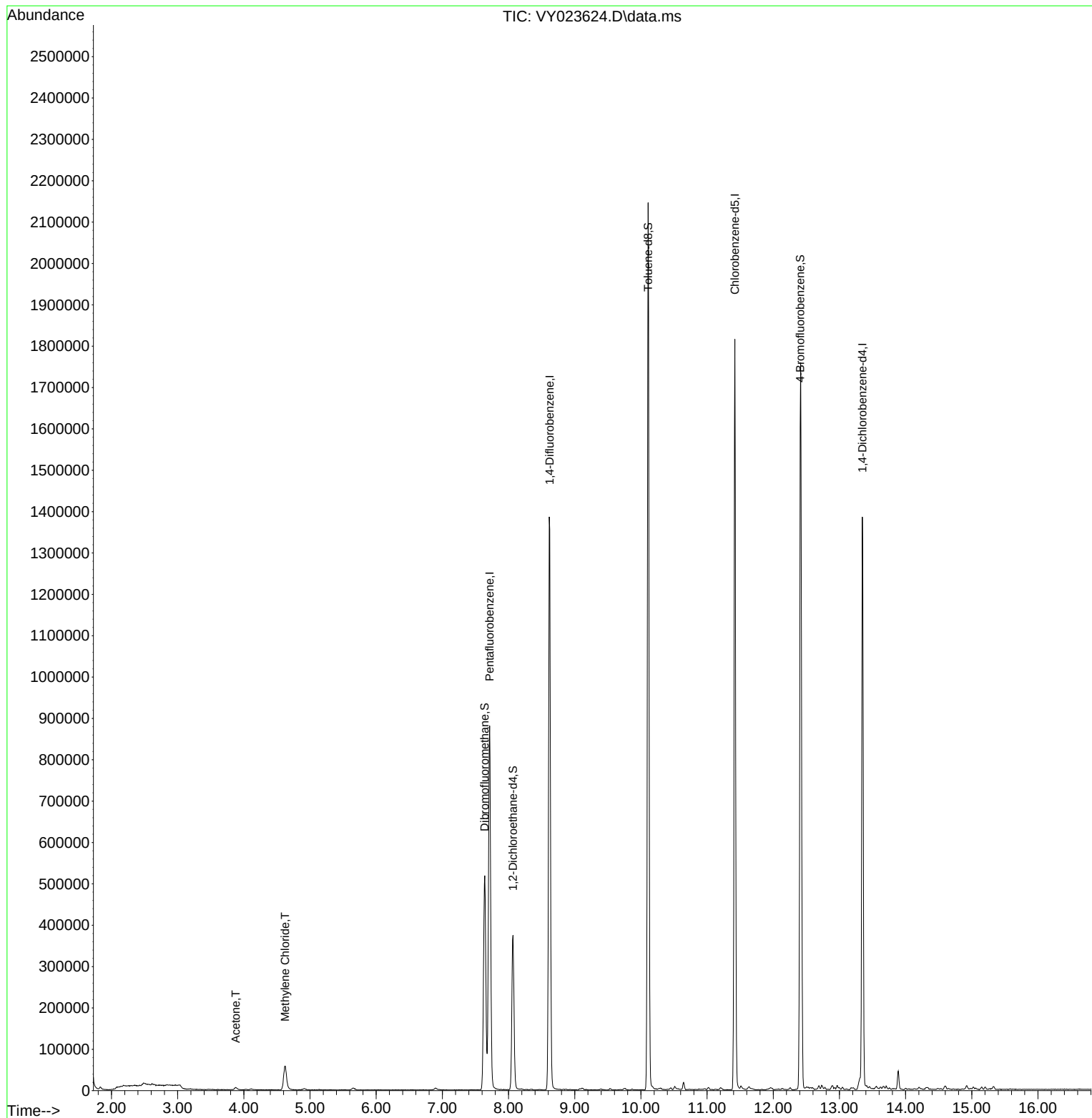
Internal Standards						
1) Pentafluorobenzene	7.713	168	730570	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	1248092	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	997292	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	374727	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	295297	48.337	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.680%
35) Dibromofluoromethane	7.640	113	379240	49.451	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.900%
50) Toluene-d8	10.109	98	1402224	49.098	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.200%
62) 4-Bromofluorobenzene	12.408	95	369288	39.165	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.340%
Target Compounds						
					Qvalue	
16) Acetone	3.879	43	8961	6.161	ug/l	94
20) Methylene Chloride	4.622	84	46945	5.969	ug/l	95

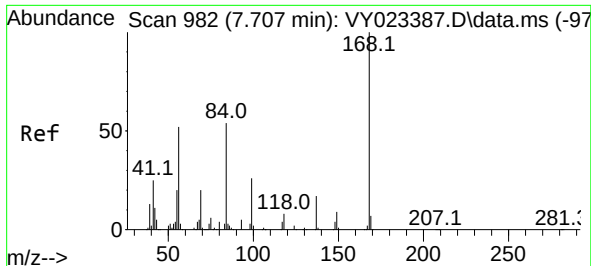
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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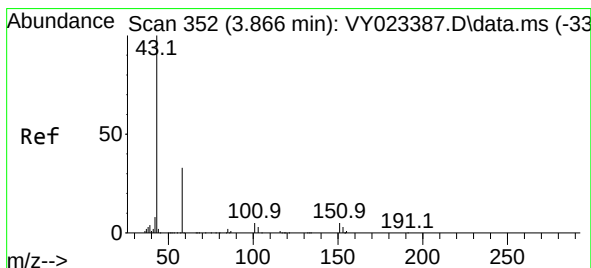
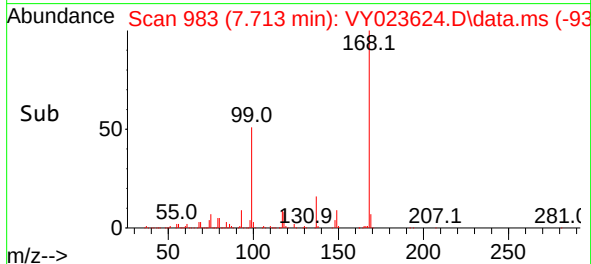
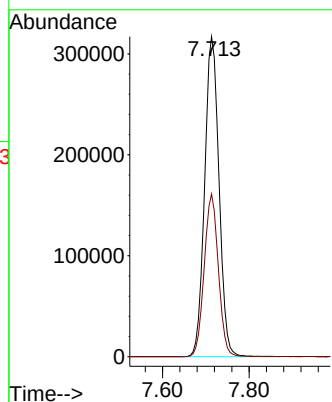
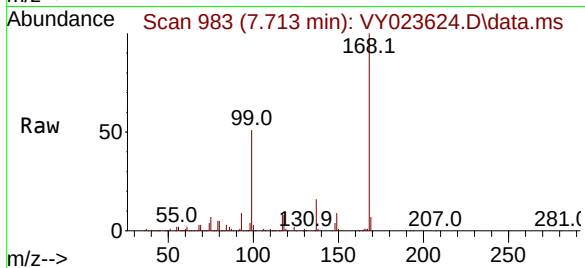




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023624.D
Acq: 30 Oct 2025 11:53

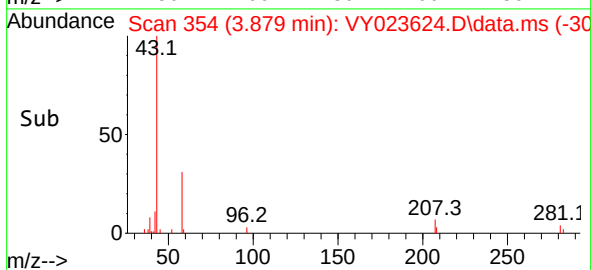
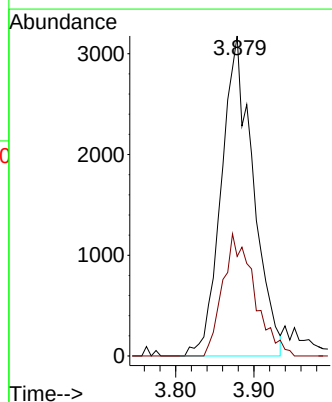
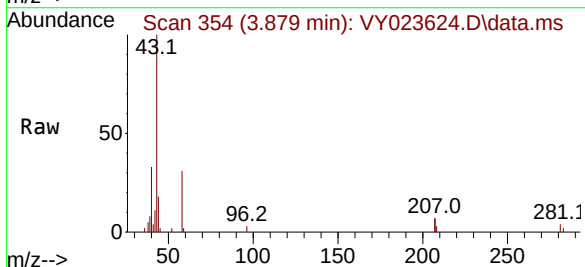
Instrument :
MSVOA_Y
ClientSampleId :
TP3

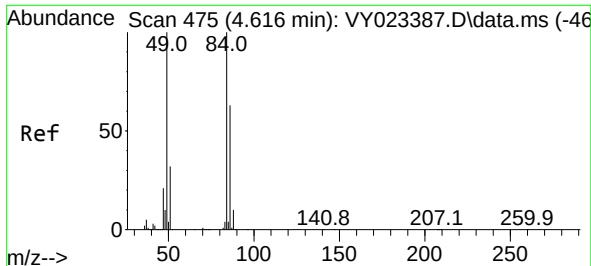
Tgt Ion:168 Resp: 730570
Ion Ratio Lower Upper
168 100
99 50.8 39.7 59.5



#16
Acetone
Concen: 6.161 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.012 min
Lab File: VY023624.D
Acq: 30 Oct 2025 11:53

Tgt Ion: 43 Resp: 8961
Ion Ratio Lower Upper
43 100
58 31.1 27.7 41.5

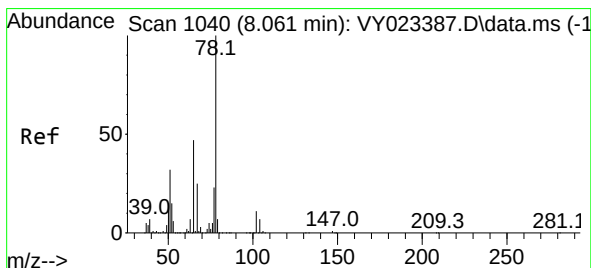
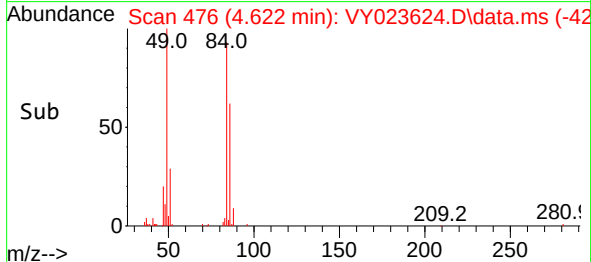
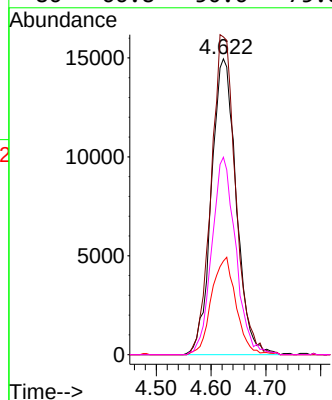
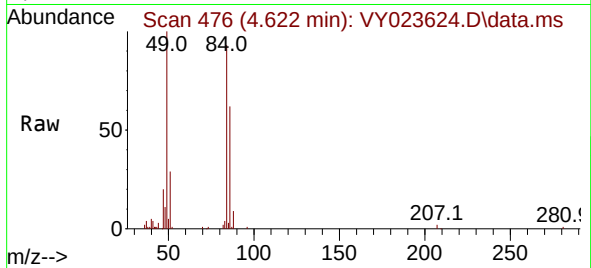




#20
Methylene Chloride
Concen: 5.969 ug/l
RT: 4.622 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY023624.D
Acq: 30 Oct 2025 11:53

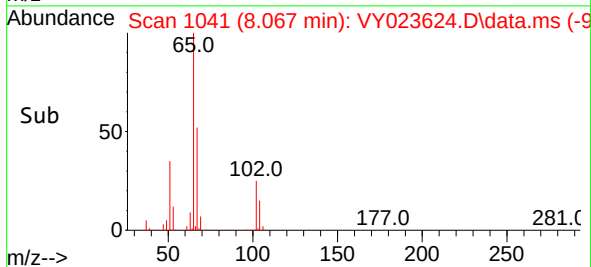
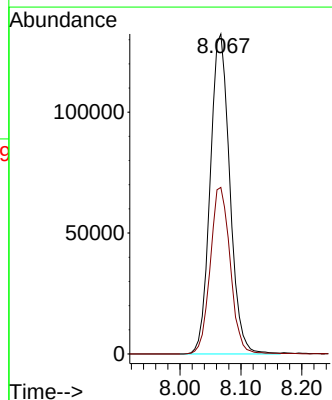
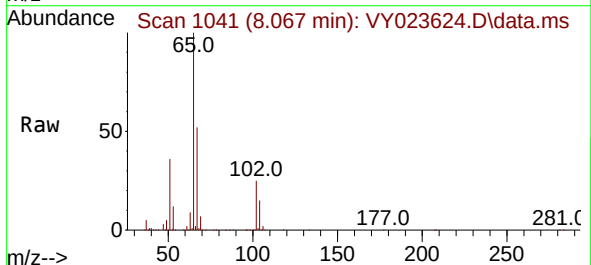
Instrument :
MSVOA_Y
ClientSampleId :
TP3

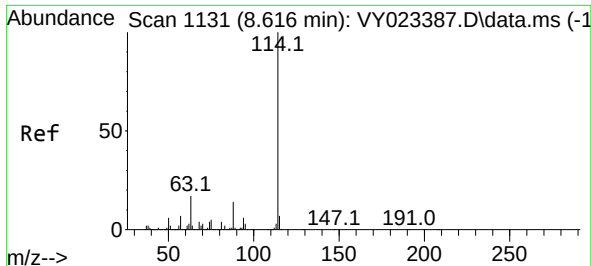
Tgt Ion:	84	Resp:	46945
Ion	Ratio	Lower	Upper
84	100		
49	107.4	80.2	120.4
51	31.6	25.9	38.9
86	66.8	50.6	75.8



#33
1,2-Dichloroethane-d4
Concen: 48.337 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY023624.D
Acq: 30 Oct 2025 11:53

Tgt Ion:	65	Resp:	295297
Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	105.8

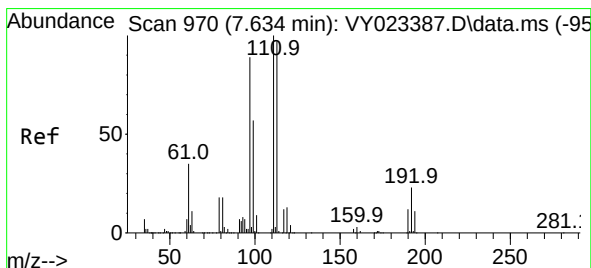
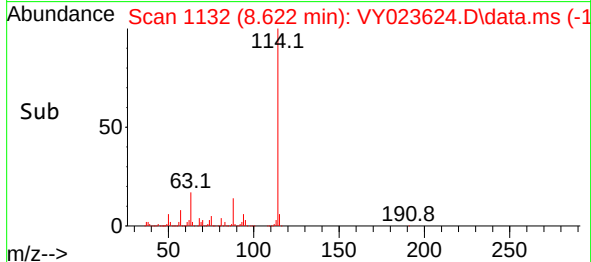
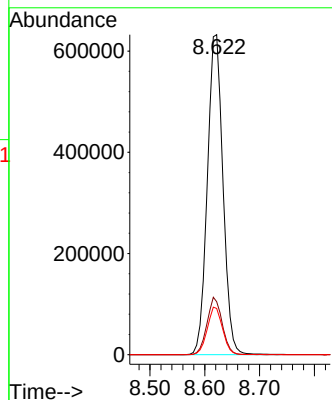
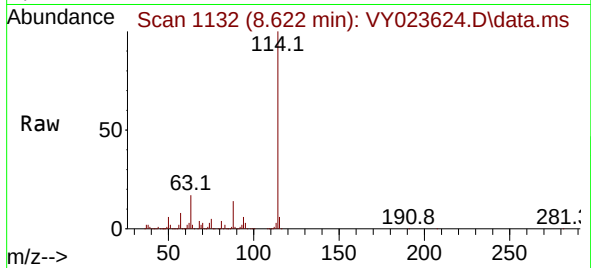




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VY023624.D
Acq: 30 Oct 2025 11:53

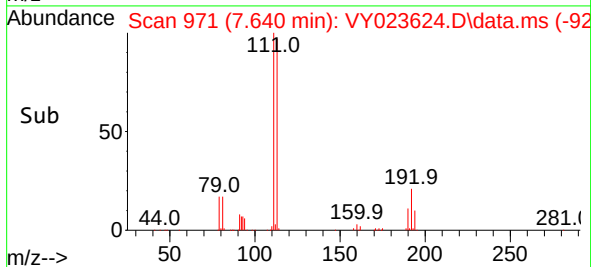
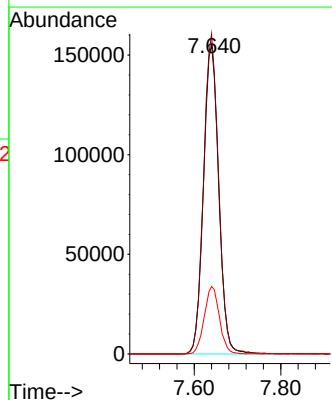
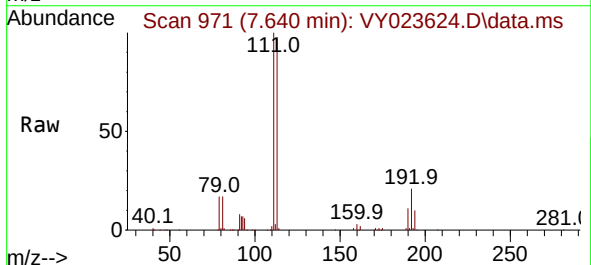
Instrument :
MSVOA_Y
ClientSampleId :
TP3

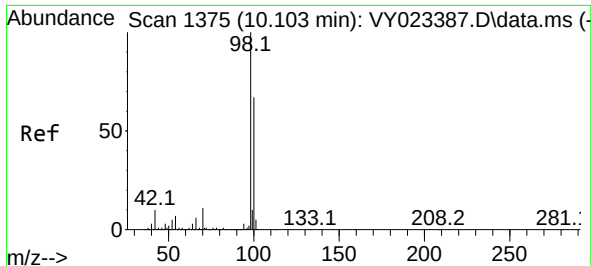
Tgt Ion:114 Resp: 1248092
Ion Ratio Lower Upper
114 100
63 16.5 0.0 34.2
88 14.5 0.0 28.4



#35
Dibromofluoromethane
Concen: 49.451 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY023624.D
Acq: 30 Oct 2025 11:53

Tgt Ion:113 Resp: 379240
Ion Ratio Lower Upper
113 100
111 102.2 81.8 122.6
192 21.7 18.0 27.0

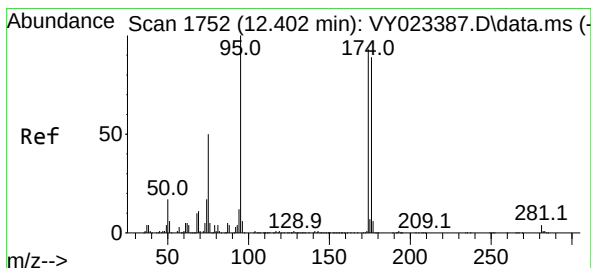
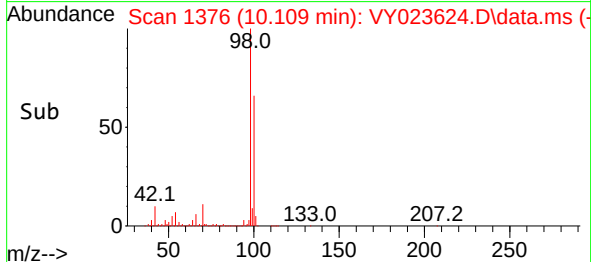
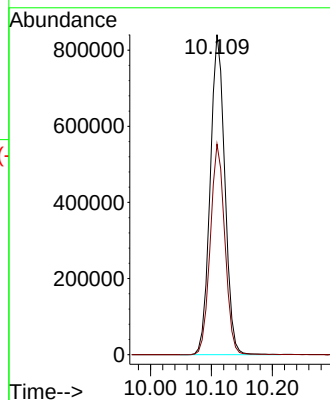
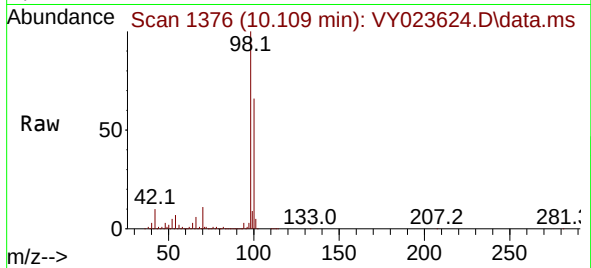




#50
Toluene-d8
Concen: 49.098 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023624.D
Acq: 30 Oct 2025 11:53

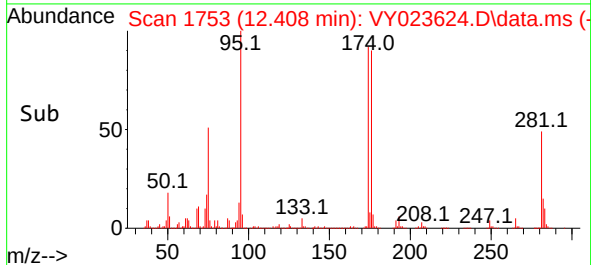
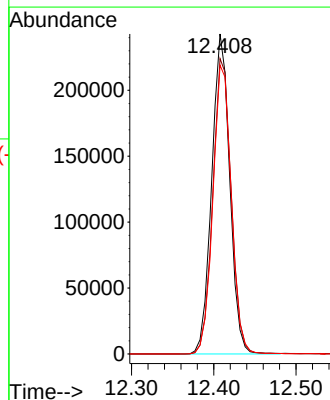
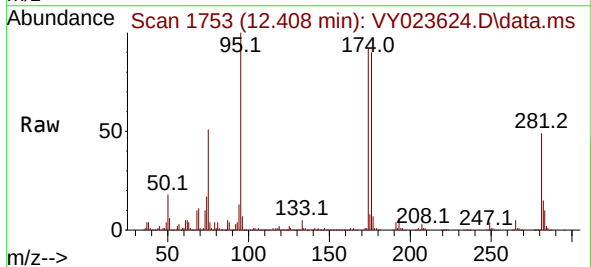
Instrument :
MSVOA_Y
ClientSampleId :
TP3

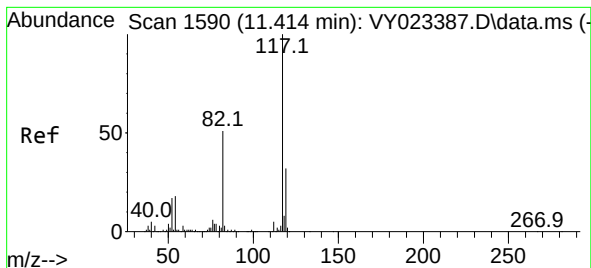
Tgt Ion: 98 Resp: 1402224
Ion Ratio Lower Upper
98 100
100 65.5 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 39.165 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023624.D
Acq: 30 Oct 2025 11:53

Tgt Ion: 95 Resp: 369288
Ion Ratio Lower Upper
95 100
174 94.4 0.0 192.8
176 92.2 0.0 187.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023624.D

Acq: 30 Oct 2025 11:53

Instrument :

MSVOA_Y

ClientSampleId :

TP3

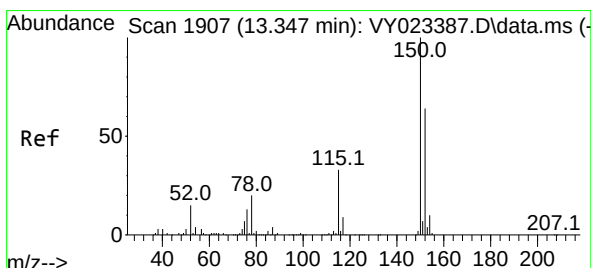
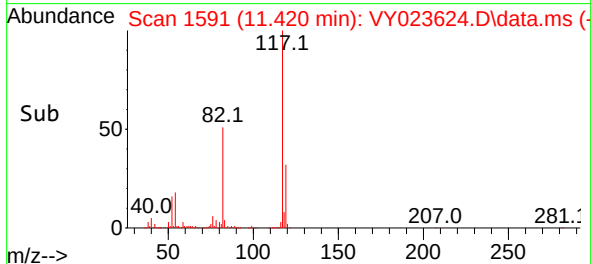
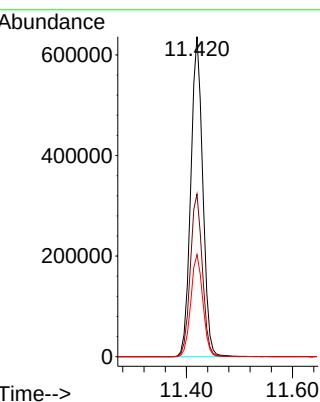
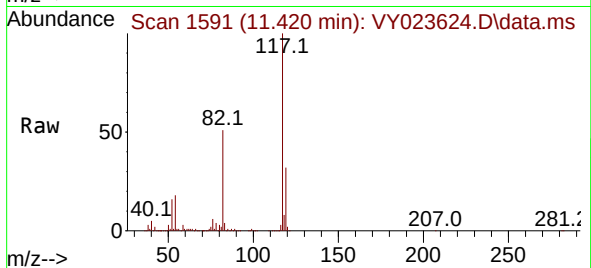
Tgt Ion:117 Resp: 997292

Ion Ratio Lower Upper

117 100

82 50.8 41.0 61.4

119 31.9 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY023624.D

Acq: 30 Oct 2025 11:53

Tgt Ion:152 Resp: 374727

Ion Ratio Lower Upper

152 100

115 55.0 27.1 81.2

150 156.2 0.0 347.4

