

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062425\
 Data File : VU063434.D
 Acq On : 24 Jun 2025 12:54
 Operator : MD/SY
 Sample : Q2377-01
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PW-B6-L66-061925

Quant Time: Jun 25 08:21:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U062325DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jun 25 03:53:43 2025
 Response via : Initial Calibration

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

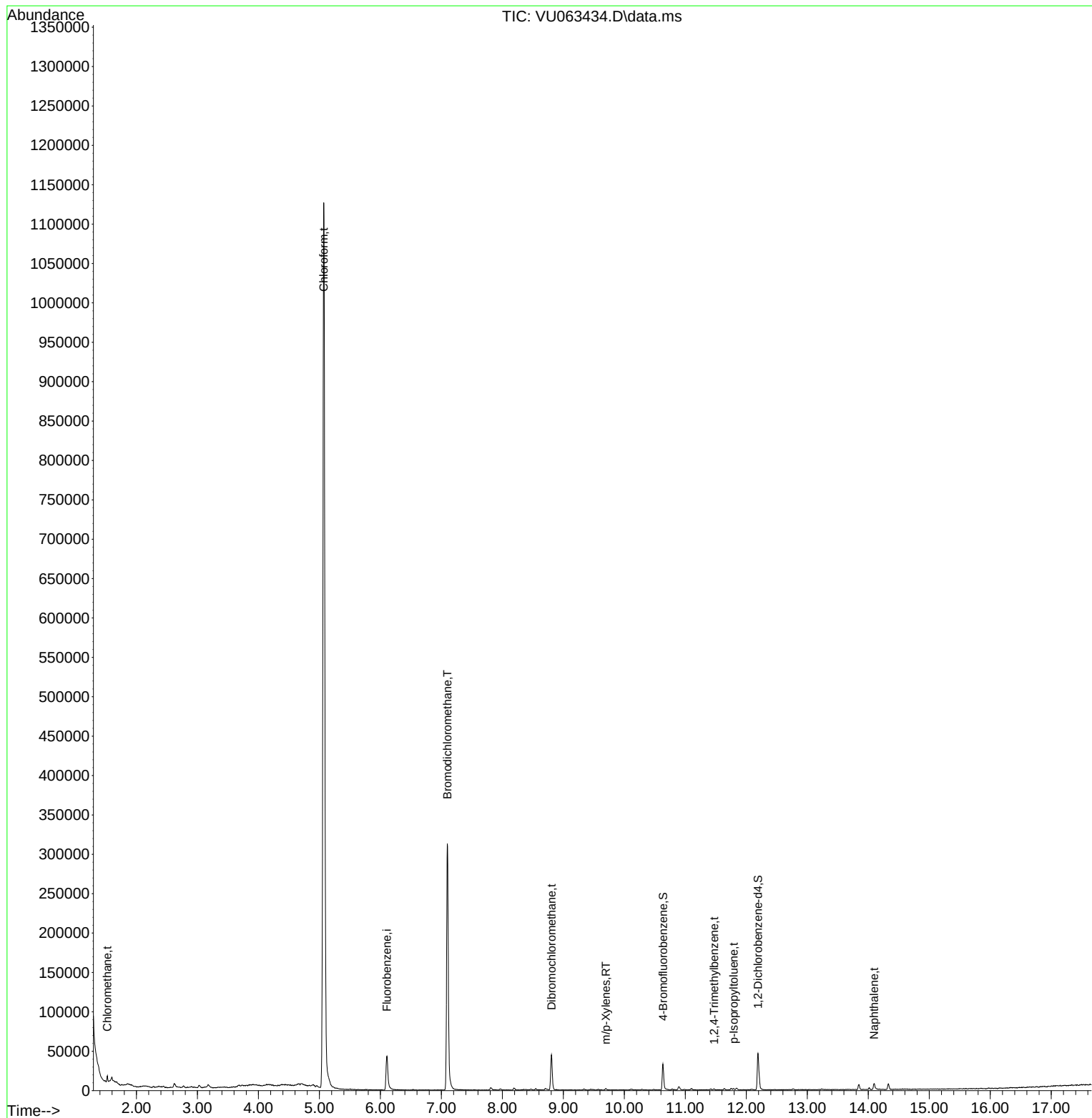
Internal Standards						
1) Fluorobenzene	6.107	96	46278	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.634	95	13619	0.802	ug/l	0.00
Spiked Amount 1.000			Recovery	=	80.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	13641	0.799	ug/l	0.00
Spiked Amount 1.000			Recovery	=	80.000%	
Target Compounds						
						Qvalue
3) Chloromethane	1.522	50	4919	0.210	ug/l	99
27) Chloroform	5.071	83	1047169	38.909	ug/l	99
44) Bromodichloromethane	7.097	83	223947	11.817	ug/l	99
55) Dibromochloromethane	8.804	129	25656	2.186	ug/l	98
64) m/p-Xylenes	9.695	106	618	0.809	ug/l #	64
78) 1,2,4-Trimethylbenzene	11.473	105	1007	0.434	ug/l	98
81) p-Isopropyltoluene	11.791	119	1272	0.432	ug/l	92
89) Naphthalene	14.094	128	9003	1.136	ug/l #	93

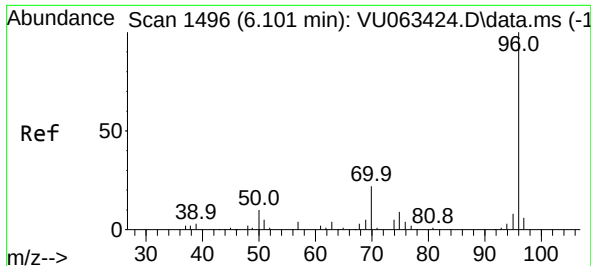
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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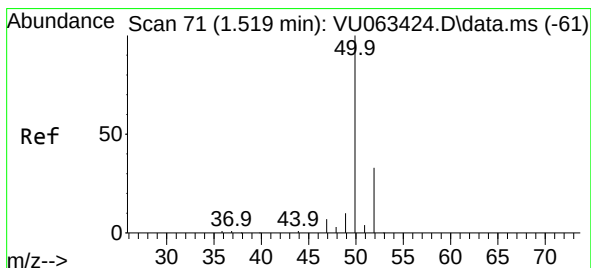
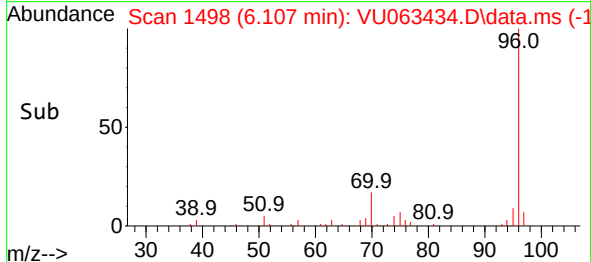
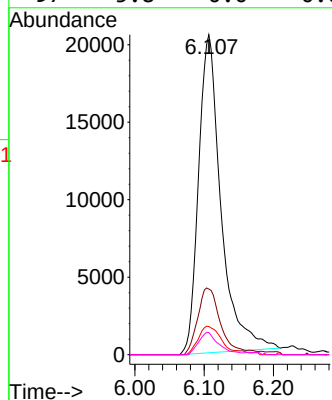
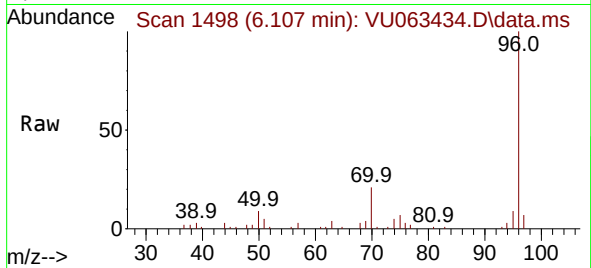




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.107 min Scan# 14
Delta R.T. 0.006 min
Lab File: VU063434.D
Acq: 24 Jun 2025 12:54

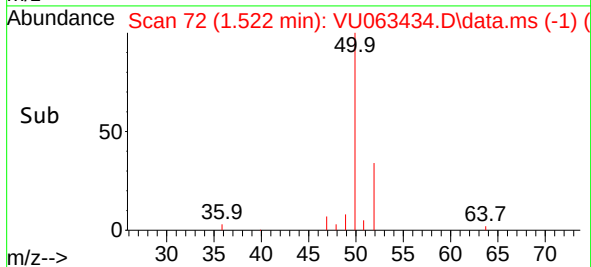
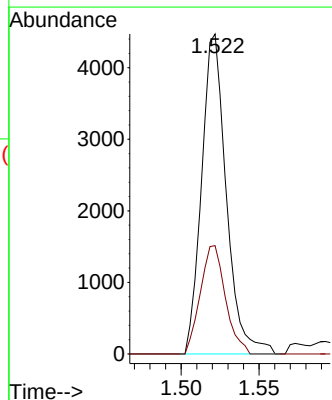
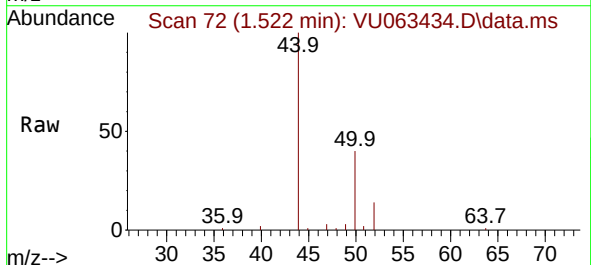
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L66-061925

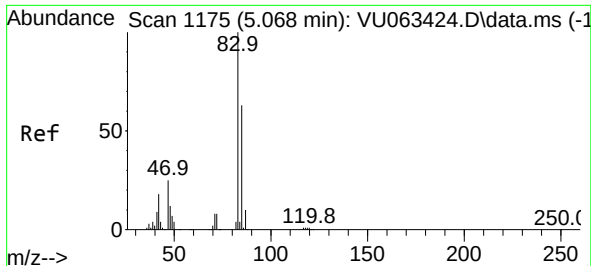
Tgt Ion: 96	Resp: 46278
Ion Ratio	Lower Upper
96 100	
70 20.2	16.4 24.6
95 8.9	6.2 9.2
97 5.8	0.0 0.0#



#3
Chloromethane
Concen: 0.210 ug/l
RT: 1.522 min Scan# 72
Delta R.T. 0.003 min
Lab File: VU063434.D
Acq: 24 Jun 2025 12:54

Tgt Ion: 50	Resp: 4919
Ion Ratio	Lower Upper
50 100	
52 33.8	26.6 40.0





#27

Chloroform

Concen: 38.909 ug/l

RT: 5.071 min Scan# 1175

Delta R.T. 0.003 min

Lab File: VU063434.D

Acq: 24 Jun 2025 12:54

Instrument :

MSVOA_U

ClientSampleId :

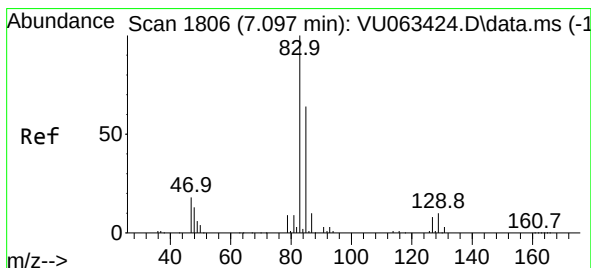
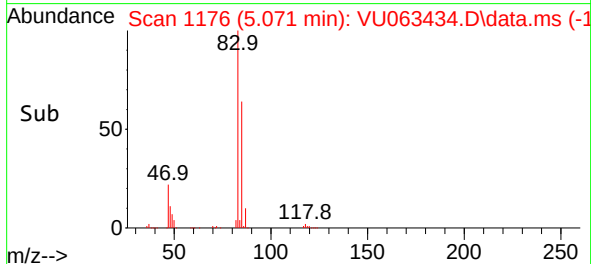
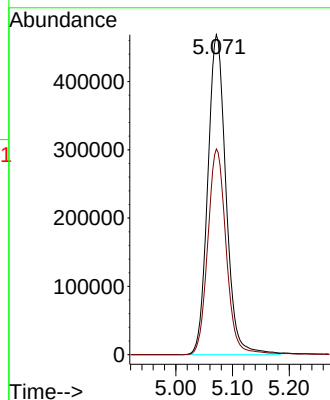
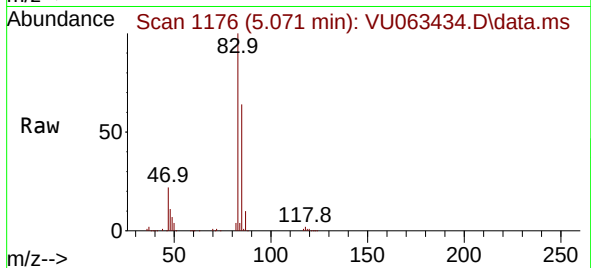
PW-B6-L66-061925

Tgt Ion: 83 Resp: 1047169

Ion Ratio Lower Upper

83 100

85 64.3 0.0 126.8



#44

Bromodichloromethane

Concen: 11.817 ug/l

RT: 7.097 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VU063434.D

Acq: 24 Jun 2025 12:54

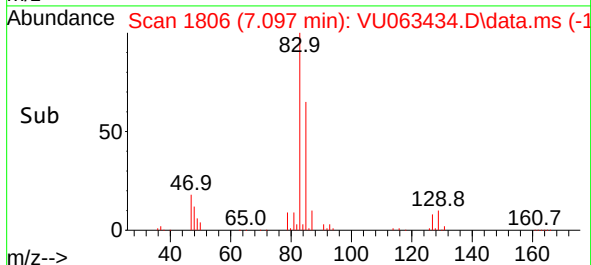
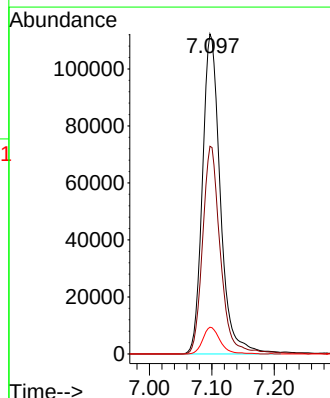
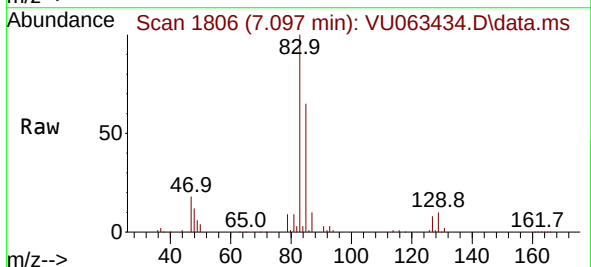
Tgt Ion: 83 Resp: 223947

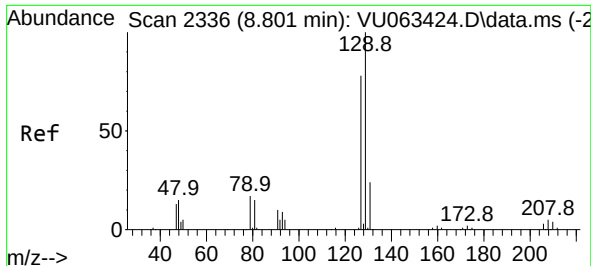
Ion Ratio Lower Upper

83 100

85 64.9 51.4 77.2

127 8.3 6.6 10.0

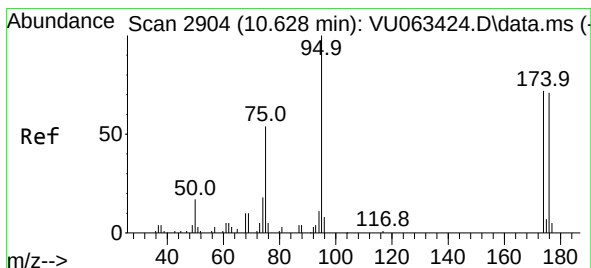
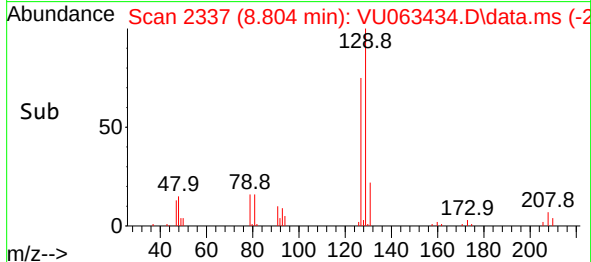
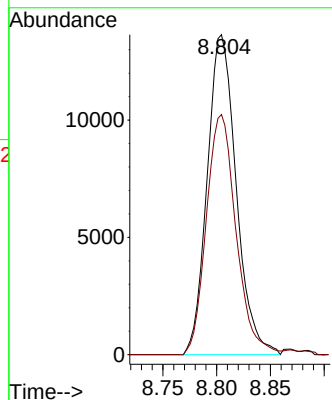
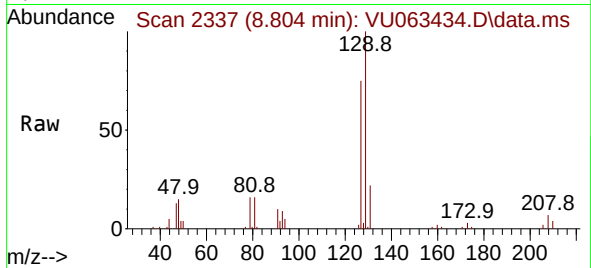




#55
Dibromochloromethane
Concen: 2.186 ug/l
RT: 8.804 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063434.D
Acq: 24 Jun 2025 12:54

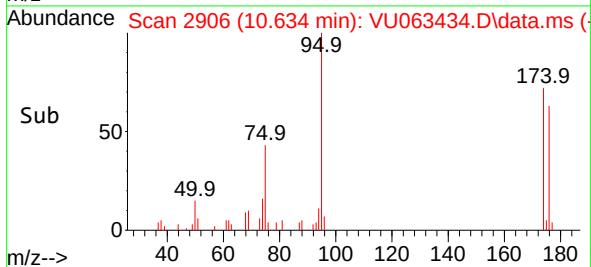
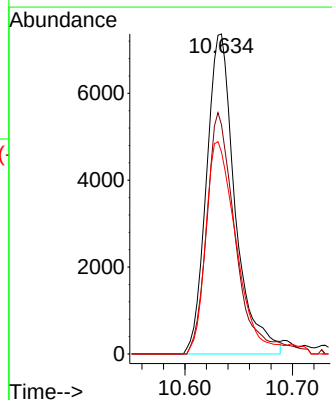
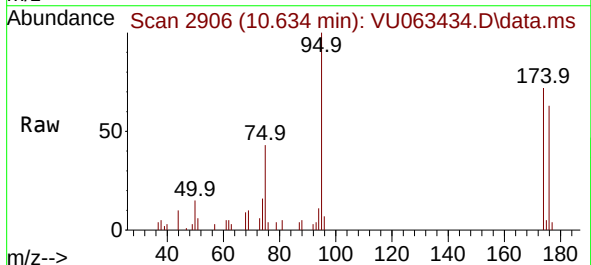
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L66-061925

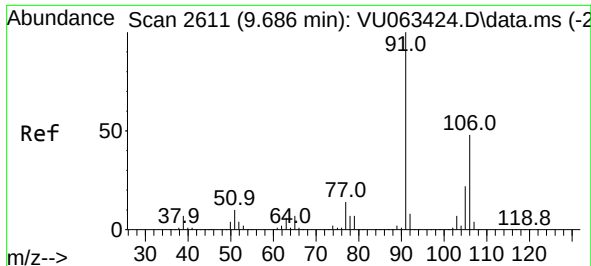
Tgt Ion:129 Resp: 25656
Ion Ratio Lower Upper
129 100
127 76.7 62.6 93.8



#57
4-Bromofluorobenzene
Concen: 0.802 ug/l
RT: 10.634 min Scan# 2906
Delta R.T. 0.006 min
Lab File: VU063434.D
Acq: 24 Jun 2025 12:54

Tgt Ion: 95 Resp: 13619
Ion Ratio Lower Upper
95 100
174 76.0 59.4 89.2
176 70.9 57.8 86.6

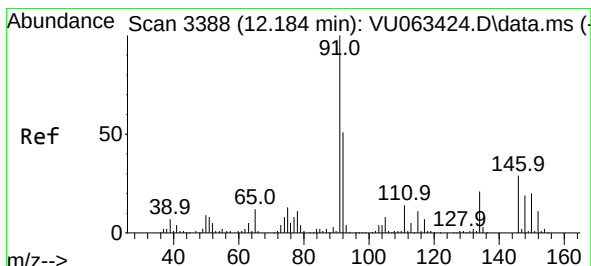
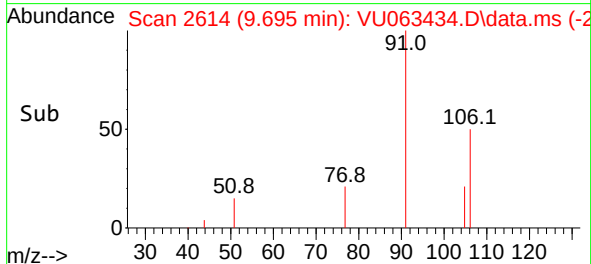
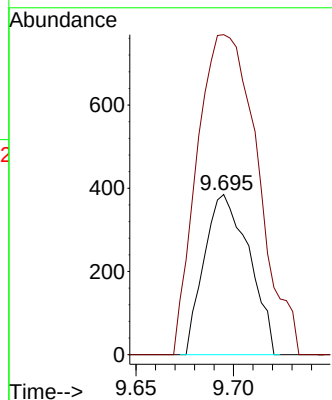
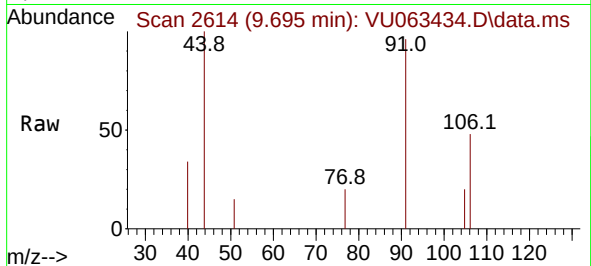




#64
m/p-Xylenes
Concen: 0.809 ug/l
RT: 9.695 min Scan# 21
Delta R.T. 0.009 min
Lab File: VU063434.D
Acq: 24 Jun 2025 12:54

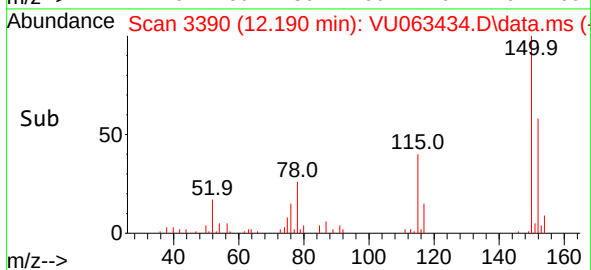
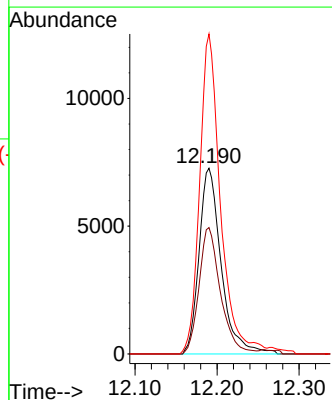
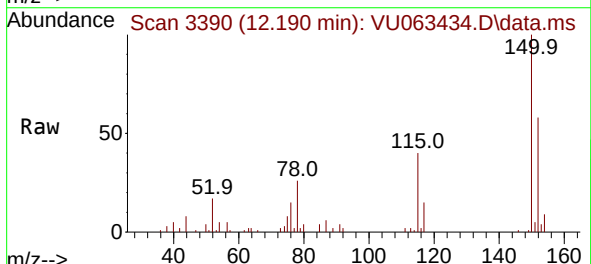
Instrument :
MSVOA_U
ClientSampleId :
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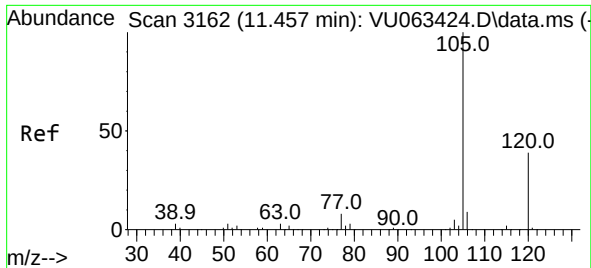
Tgt Ion:106 Resp: 618
Ion Ratio Lower Upper
106 100
91 268.3 169.9 254.9#



#68
1,2-Dichlorobenzene-d4
Concen: 0.799 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. 0.006 min
Lab File: VU063434.D
Acq: 24 Jun 2025 12:54

Tgt Ion:152 Resp: 13641
Ion Ratio Lower Upper
152 100
115 65.9 0.0 327.6
150 162.0 0.0 664.4

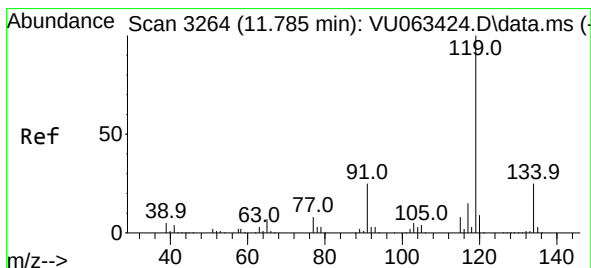
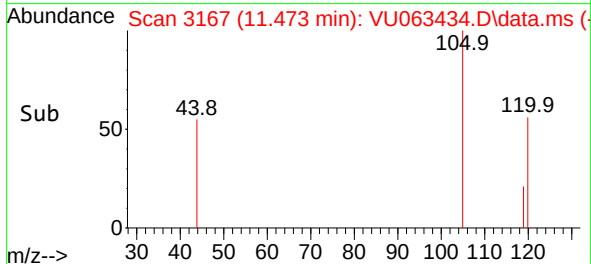
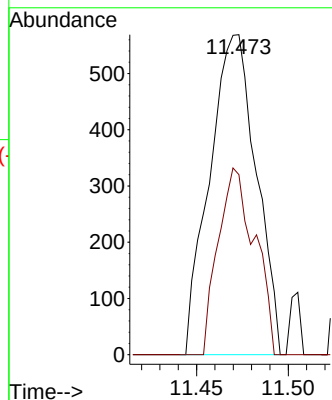
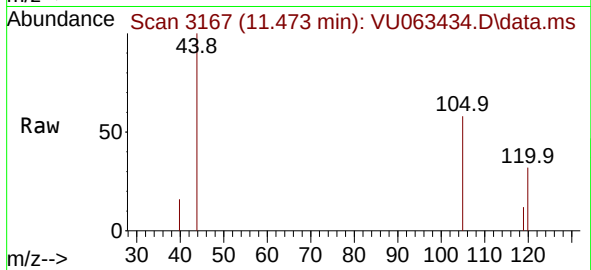




#78
 1,2,4-Trimethylbenzene
 Concen: 0.434 ug/l
 RT: 11.473 min Scan# 3167
 Delta R.T. 0.016 min
 Lab File: VU063434.D
 Acq: 24 Jun 2025 12:54

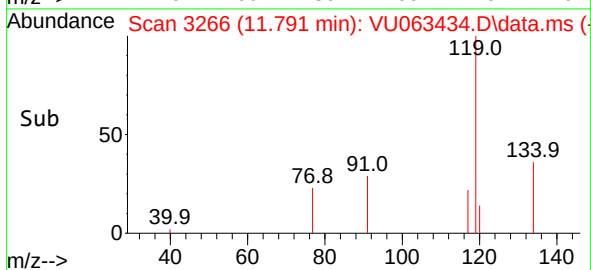
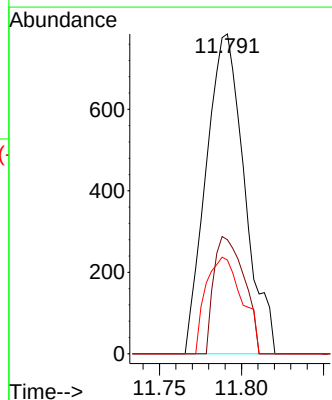
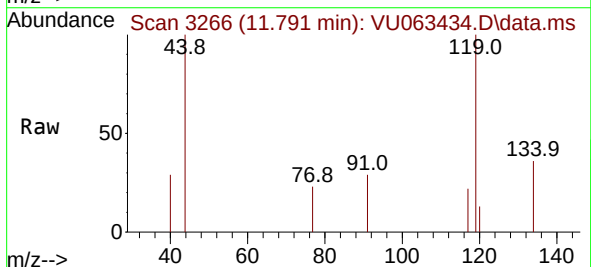
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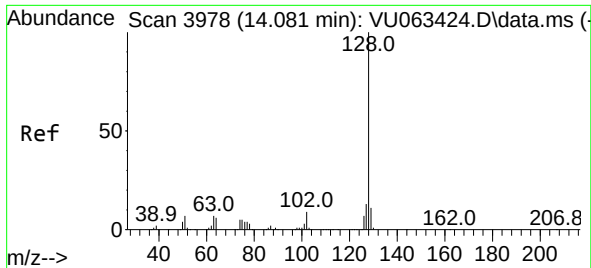
Tgt Ion:105 Resp: 1007
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.1 66.5



#81
 p-Isopropyltoluene
 Concen: 0.432 ug/l
 RT: 11.791 min Scan# 3266
 Delta R.T. 0.006 min
 Lab File: VU063434.D
 Acq: 24 Jun 2025 12:54

Tgt Ion:119 Resp: 1272
 Ion Ratio Lower Upper
 119 100
 134 29.0 20.2 30.2
 91 28.5 19.7 29.5





#89

Naphthalene

Concen: 1.136 ug/l

RT: 14.094 min Scan# 3982

Delta R.T. 0.013 min

Lab File: VU063434.D

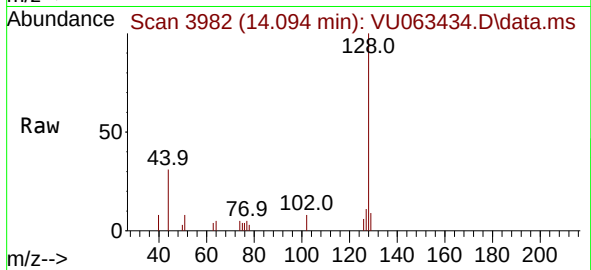
Acq: 24 Jun 2025 12:54

Instrument :

MSVOA_U

ClientSampleId :

PW-B6-L66-061925



Tgt Ion:	128	Resp:	9003
Ion	Ratio	Lower	Upper
128	100		
127	10.7	10.4	15.6
129	7.8	8.7	13.1#

