

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060524\
 Data File : VU059150.D
 Acq On : 05 Jun 2024 14:00
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK

Quant Time: Jun 06 03:31:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U060524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jun 06 03:28:28 2024
 Response via : Initial Calibration

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

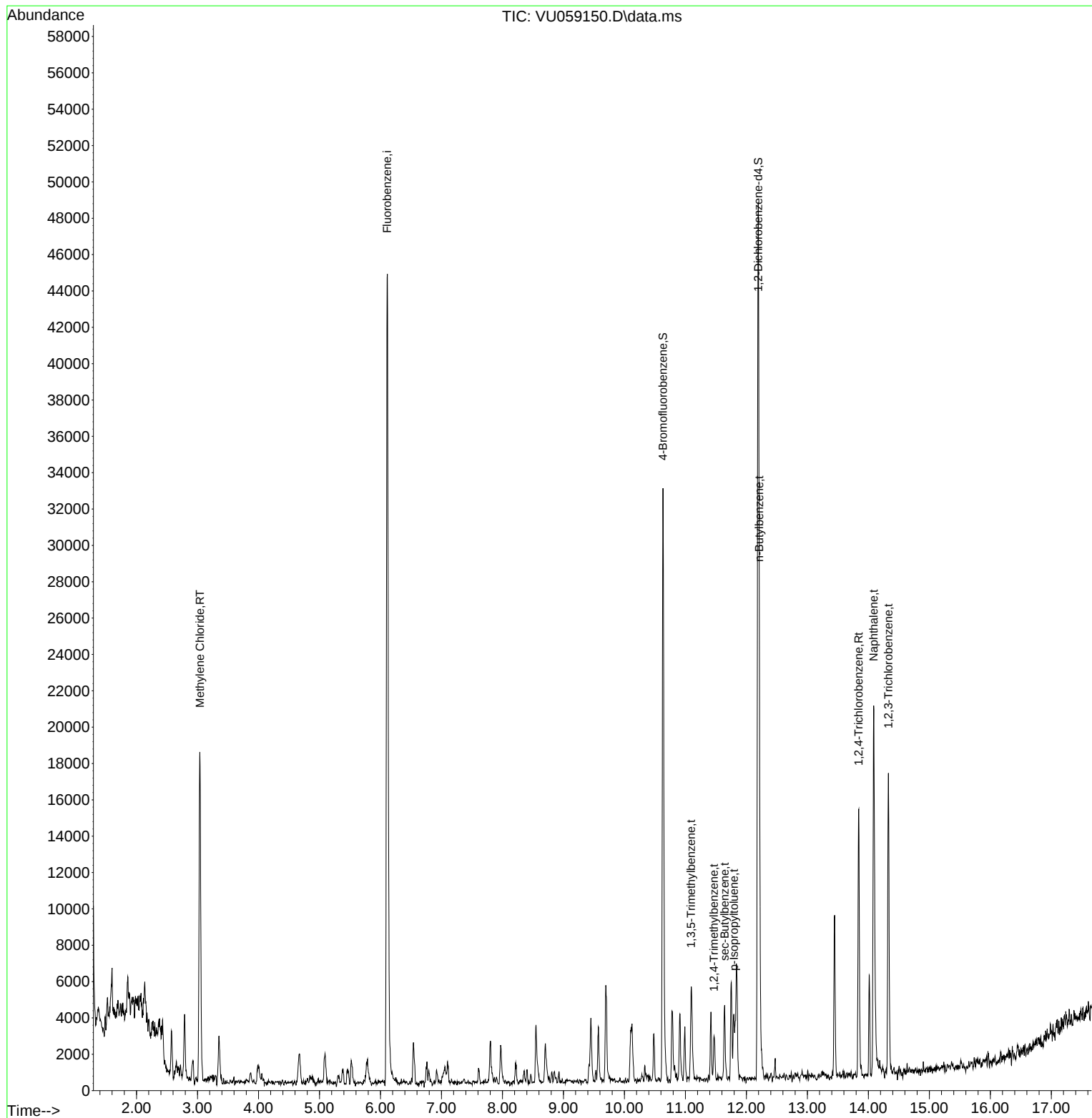
Internal Standards						
1) Fluorobenzene	6.110	96	41353	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	12322	0.876	ug/l	0.00
Spiked Amount 1.000			Recovery	=	88.000%	
68) 1,2-Dichlorobenzene-d4	12.193	152	12743	0.865	ug/l	0.00
Spiked Amount 1.000			Recovery	=	87.000%	
Target Compounds						
						Qvalue
15) Methylene Chloride	3.039	84	8558	0.627	ug/l	95
75) 1,3,5-Trimethylbenzene	11.093	105	2039	0.441	ug/l	88
78) 1,2,4-Trimethylbenzene	11.470	105	2147	0.460	ug/l	100
79) sec-Butylbenzene	11.643	105	3296	0.417	ug/l	95
81) p-Isopropyltoluene	11.798	119	2436	0.492	ug/l	96
84) n-Butylbenzene	12.212	91	6754	0.608	ug/l	92
87) 1,2,4-Trichlorobenzene	13.839	180	5278	0.446	ug/l	96
89) Naphthalene	14.087	128	21121	1.125	ug/l	96
90) 1,2,3-Trichlorobenzene	14.328	180	5722	0.532	ug/l	92

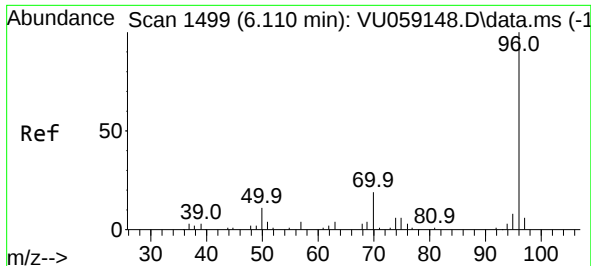
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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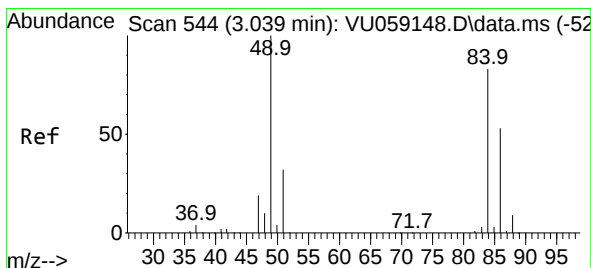
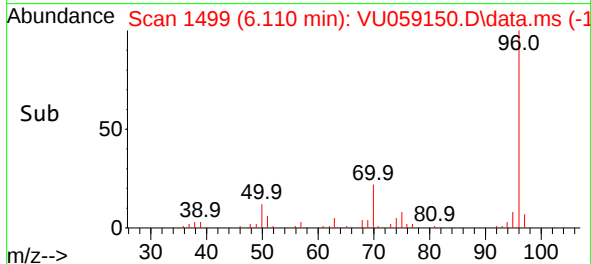
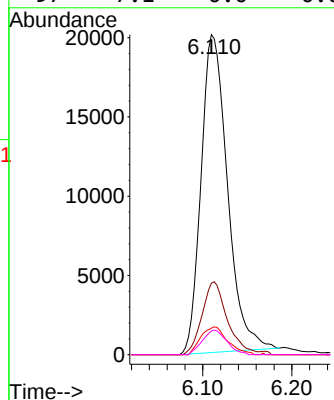
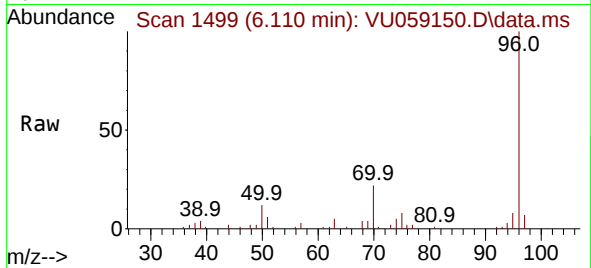




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VU059150.D
Acq: 05 Jun 2024 14:00

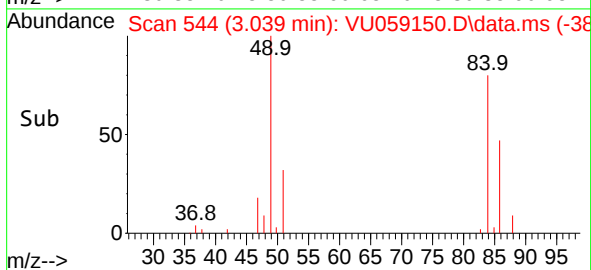
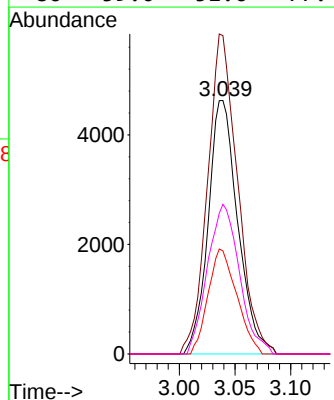
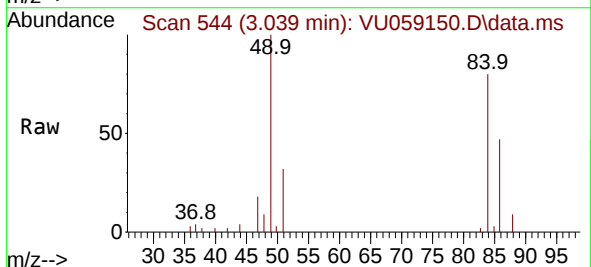
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

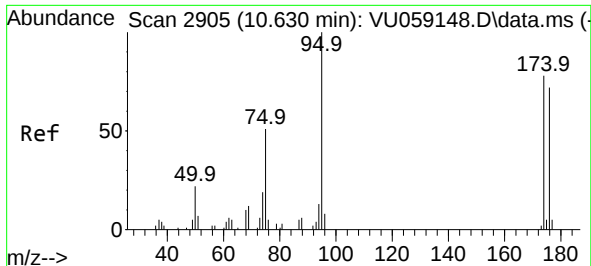
Tgt Ion: 96	Resp: 41353
Ion Ratio	Lower Upper
96 100	
70 20.8	16.6 24.8
95 8.9	7.1 10.7
97 7.1	0.0 0.0#



#15
Methylene Chloride
Concen: 0.627 ug/l
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU059150.D
Acq: 05 Jun 2024 14:00

Tgt Ion: 84	Resp: 8558
Ion Ratio	Lower Upper
84 100	
49 125.6	96.7 145.1
51 40.6	0.0 76.8
86 59.0	51.6 77.4

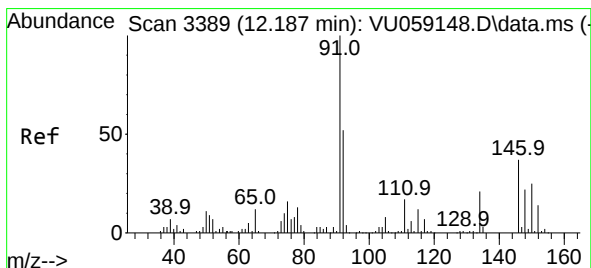
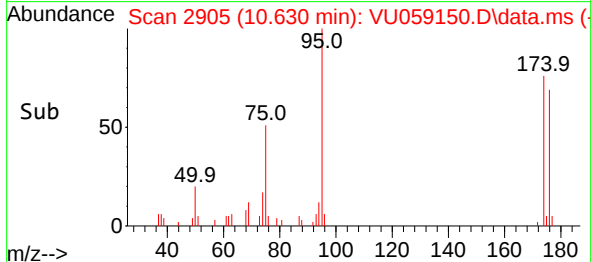
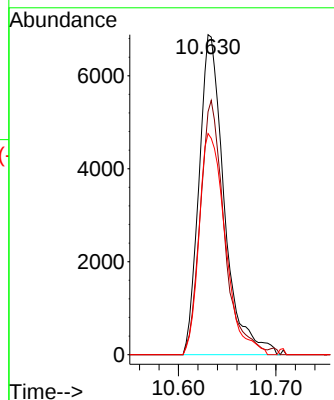
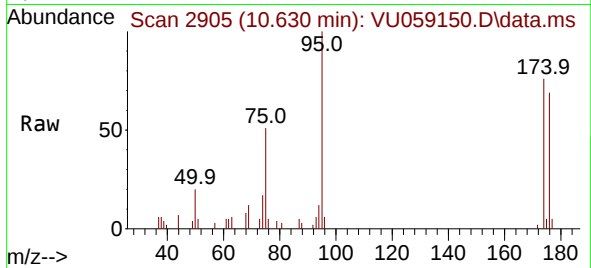




#57
4-Bromofluorobenzene
Concen: 0.876 ug/l
RT: 10.630 min Scan# 2905
Delta R.T. -0.000 min
Lab File: VU059150.D
Acq: 05 Jun 2024 14:00

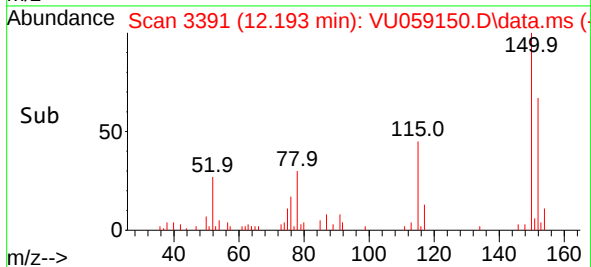
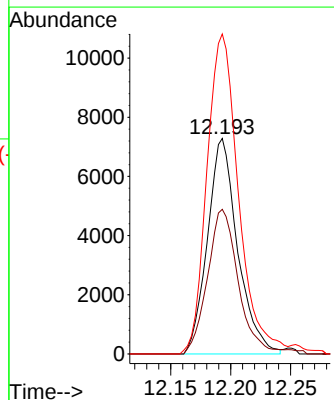
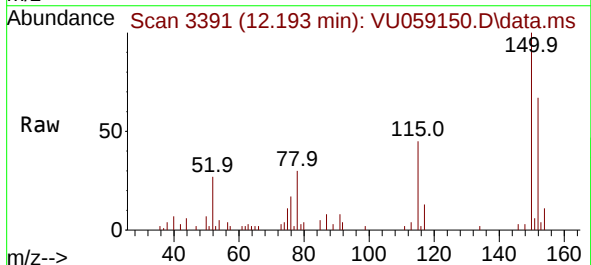
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

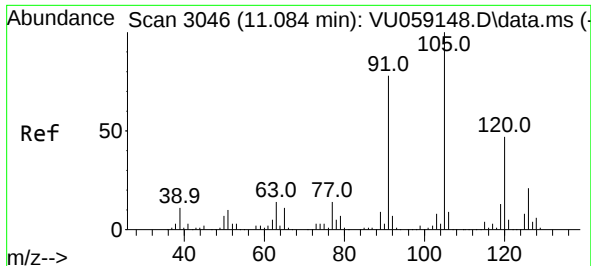
Tgt Ion: 95 Resp: 12322
Ion Ratio Lower Upper
95 100
174 76.1 59.6 89.4
176 72.0 57.3 85.9



#68
1,2-Dichlorobenzene-d4
Concen: 0.865 ug/l
RT: 12.193 min Scan# 3391
Delta R.T. 0.006 min
Lab File: VU059150.D
Acq: 05 Jun 2024 14:00

Tgt Ion:152 Resp: 12743
Ion Ratio Lower Upper
152 100
115 69.2 0.0 293.2
150 155.4 0.0 636.0

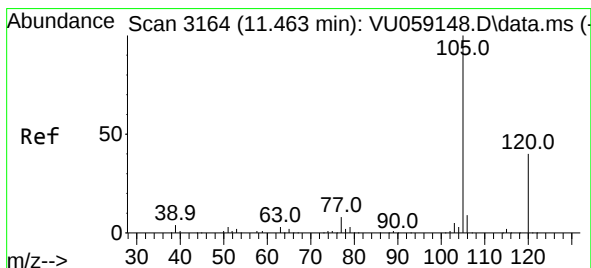
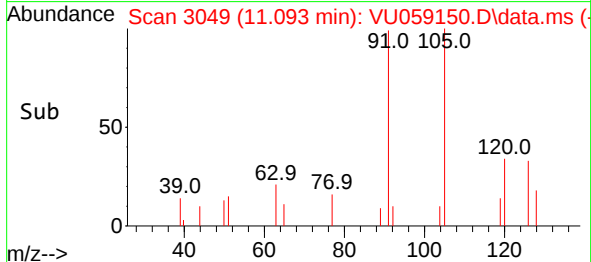
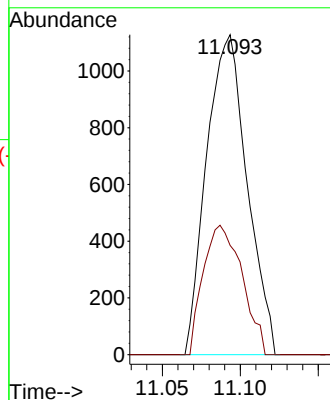
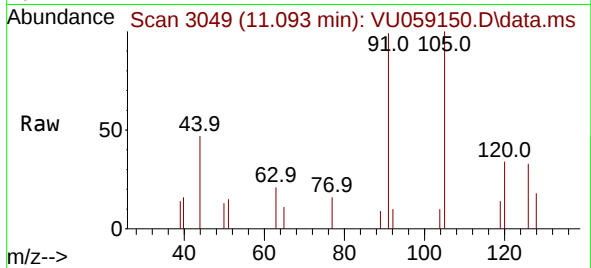




#75
1,3,5-Trimethylbenzene
Concen: 0.441 ug/l
RT: 11.093 min Scan# 3049
Delta R.T. 0.010 min
Lab File: VU059150.D
Acq: 05 Jun 2024 14:00

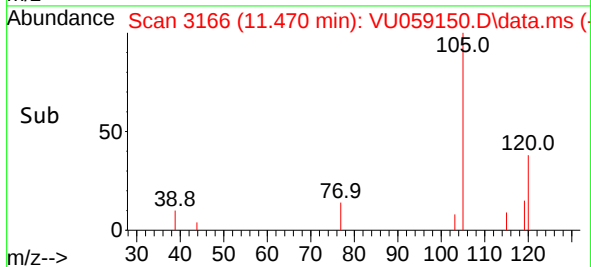
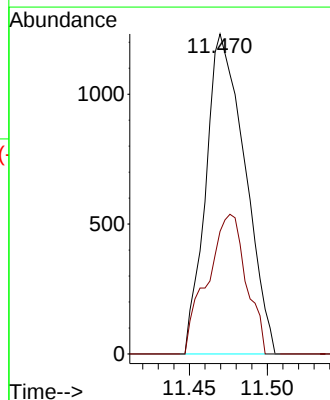
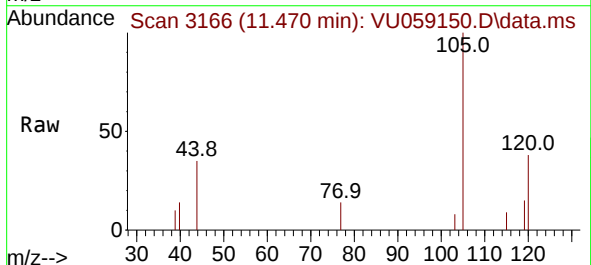
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

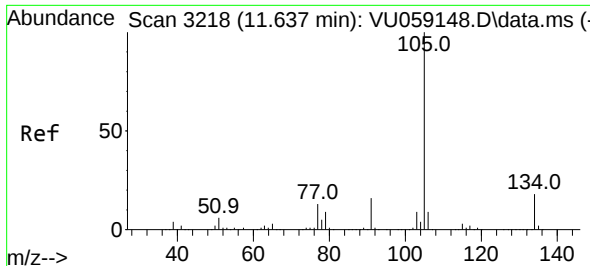
Tgt Ion:105 Resp: 2039
Ion Ratio Lower Upper
105 100
120 38.7 37.5 56.3



#78
1,2,4-Trimethylbenzene
Concen: 0.460 ug/l
RT: 11.470 min Scan# 3166
Delta R.T. 0.006 min
Lab File: VU059150.D
Acq: 05 Jun 2024 14:00

Tgt Ion:105 Resp: 2147
Ion Ratio Lower Upper
105 100
120 43.3 21.7 65.1

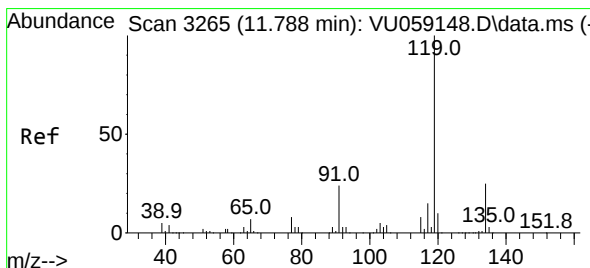
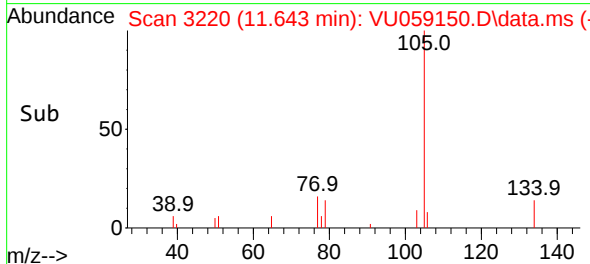
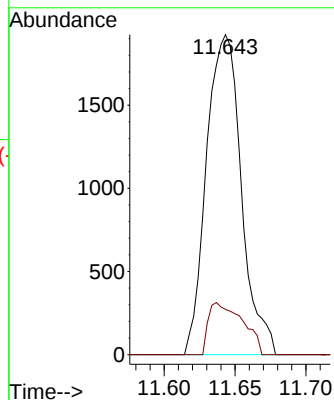
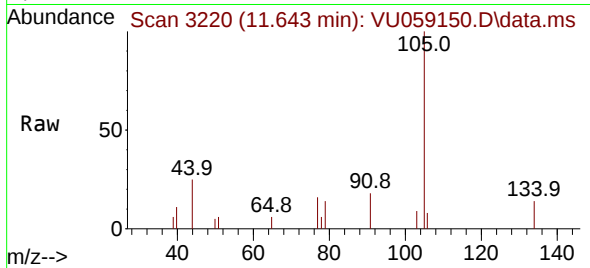




#79
 sec-Butylbenzene
 Concen: 0.417 ug/l
 RT: 11.643 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VU059150.D
 Acq: 05 Jun 2024 14:00

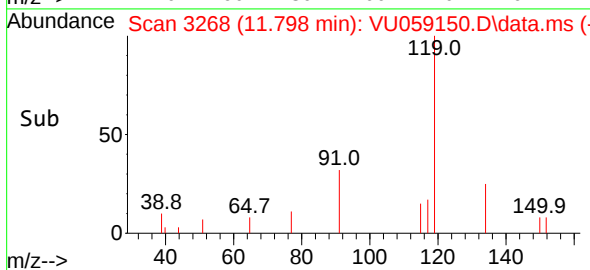
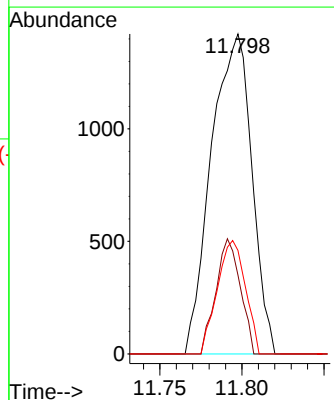
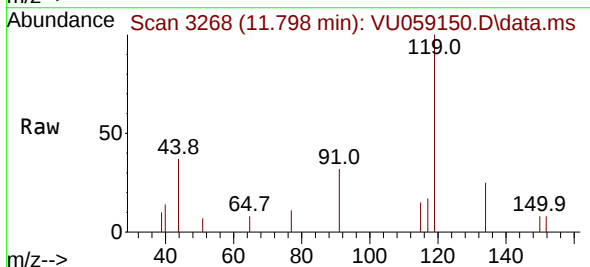
Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK

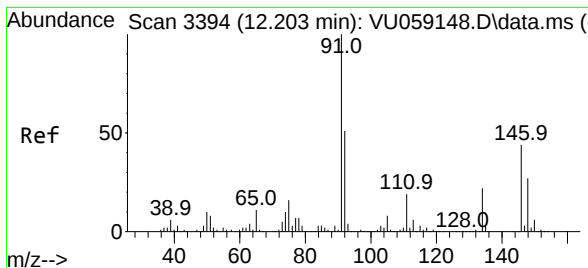
Tgt Ion:105 Resp: 3296
 Ion Ratio Lower Upper
 105 100
 134 15.9 14.5 21.7



#81
 p-Isopropyltoluene
 Concen: 0.492 ug/l
 RT: 11.798 min Scan# 3268
 Delta R.T. 0.010 min
 Lab File: VU059150.D
 Acq: 05 Jun 2024 14:00

Tgt Ion:119 Resp: 2436
 Ion Ratio Lower Upper
 119 100
 134 21.6 20.2 30.4
 91 24.5 19.3 28.9





#84

n-Butylbenzene

Concen: 0.608 ug/l

RT: 12.212 min Scan# 31

Delta R.T. 0.010 min

Lab File: VU059150.D

Acq: 05 Jun 2024 14:00

Instrument :

MSVOA_U

ClientSampleId :

VIBLK

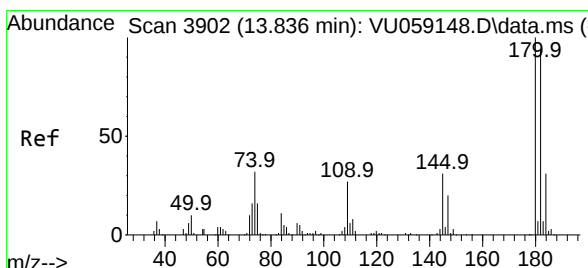
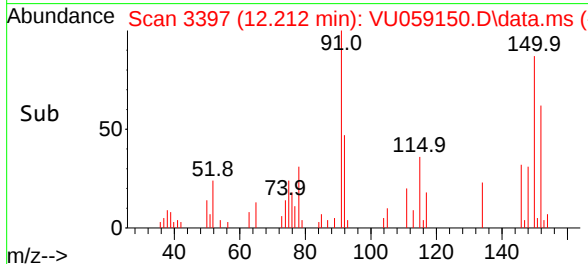
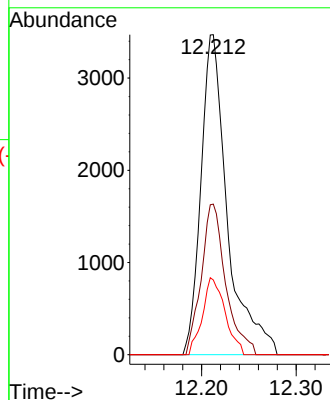
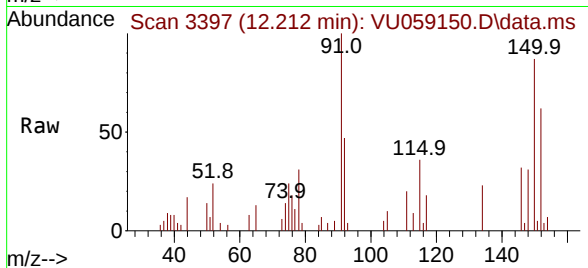
Tgt Ion: 91 Resp: 6754

Ion Ratio Lower Upper

91 100

92 43.5 40.7 61.1

134 20.5 17.6 26.4



#87

1,2,4-Trichlorobenzene

Concen: 0.446 ug/l

RT: 13.839 min Scan# 3903

Delta R.T. 0.003 min

Lab File: VU059150.D

Acq: 05 Jun 2024 14:00

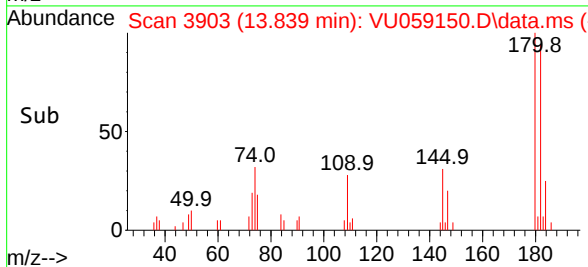
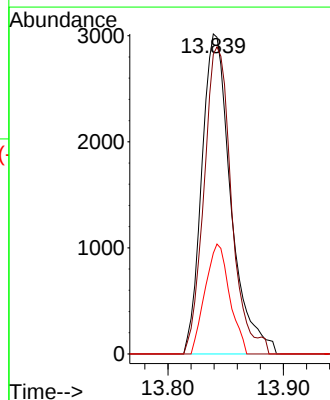
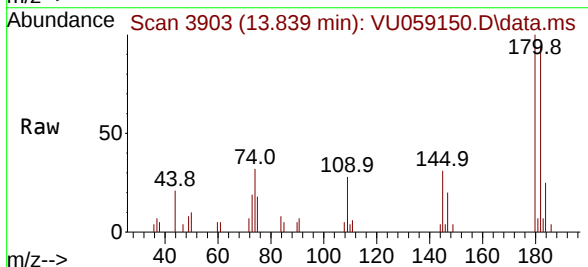
Tgt Ion: 180 Resp: 5278

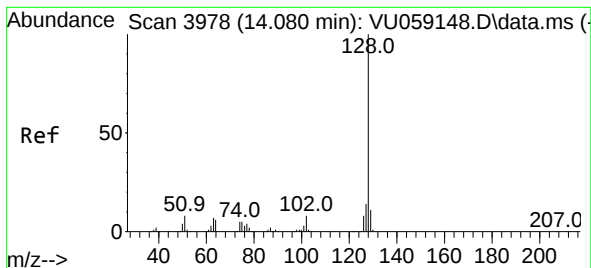
Ion Ratio Lower Upper

180 100

182 90.5 75.7 113.5

145 28.8 24.6 36.8





#89

Naphthalene

Concen: 1.125 ug/l

RT: 14.087 min Scan# 3978

Delta R.T. 0.006 min

Lab File: VU059150.D

Acq: 05 Jun 2024 14:00

Instrument :

MSVOA_U

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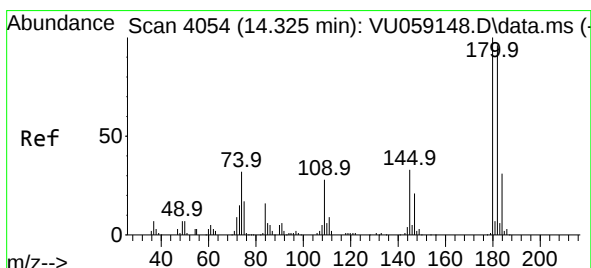
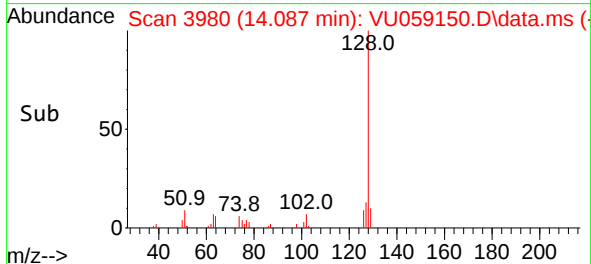
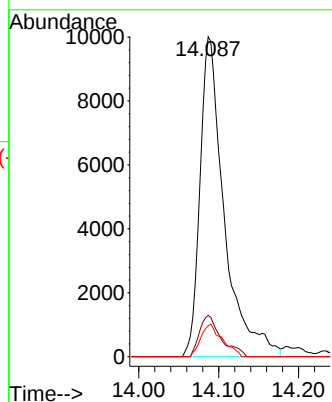
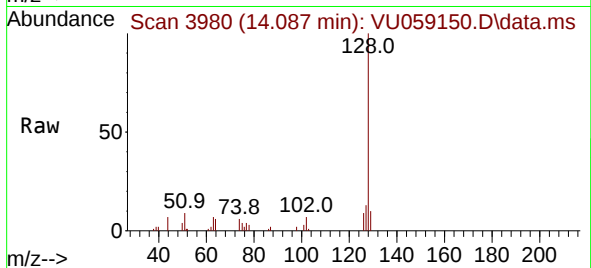
Tgt Ion:128 Resp: 21121

Ion Ratio Lower Upper

128 100

127 11.5 10.7 16.1

129 9.0 8.4 12.6



#90

1,2,3-Trichlorobenzene

Concen: 0.532 ug/l

RT: 14.328 min Scan# 4055

Delta R.T. 0.003 min

Lab File: VU059150.D

Acq: 05 Jun 2024 14:00

Tgt Ion:180 Resp: 5722

Ion Ratio Lower Upper

180 100

182 87.3 76.3 114.5

145 29.6 26.5 39.7

