

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 :

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)

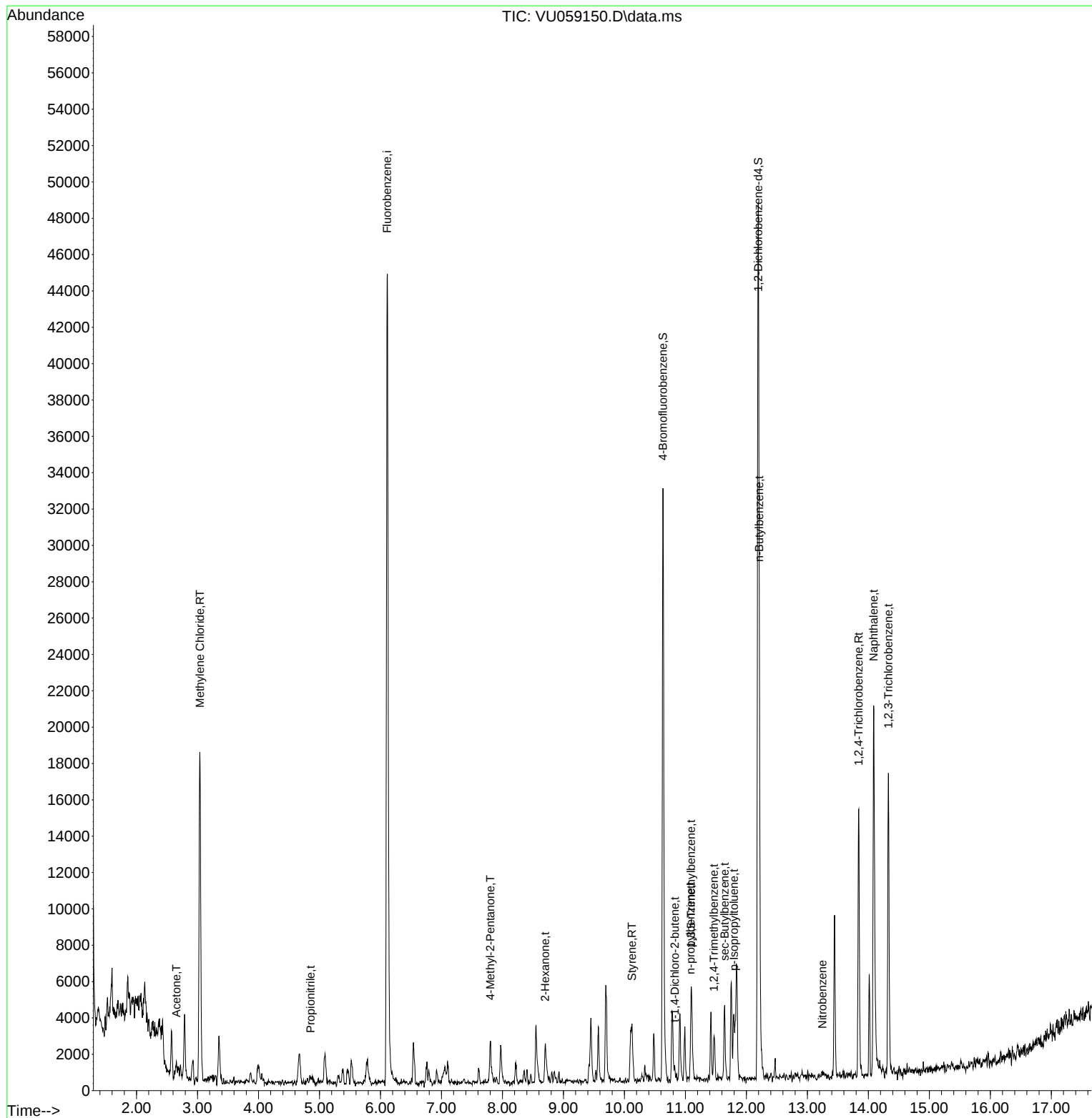
Internal Standards						
1) Fluorobenzene	6.110	96	41353	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	12322	0.876	ug/l	0.00
Spiked Amount 1.000			Recovery	=	88.000%	
68) 1,2-Dichlorobenzene-d4	12.193	152	12743	0.865	ug/l	0.00
Spiked Amount 1.000			Recovery	=	87.000%	
Target Compounds						
						Qvalue
13) Acetone	2.653	43	1046	0.305	ug/l	92
15) Methylene Chloride	3.039	84	8558	0.627	ug/l	95
34) Propionitrile	4.856	54	207	0.238	ug/l #	1
45) 4-Methyl-2-Pentanone	7.801	43	1648	0.251	ug/l #	87
46) t-1,4-Dichloro-2-butene	10.827	75	631	0.227	ug/l #	25
54) 2-Hexanone	8.701	43	2398	2.528	ug/l	82
66) Styrene	10.122	104	2041	0.454	ug/l #	85
73) n-propylbenzene	11.087	120	790	0.424	ug/l	81
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
80) Nitrobenzene	13.248	77	211	3.502	ug/l #	42
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

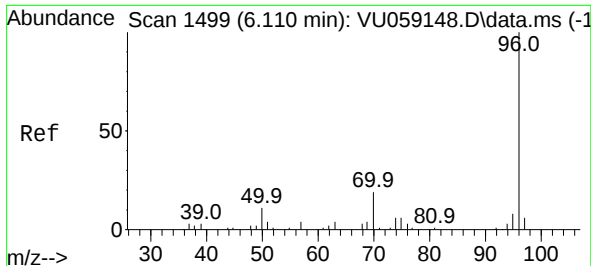
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 :

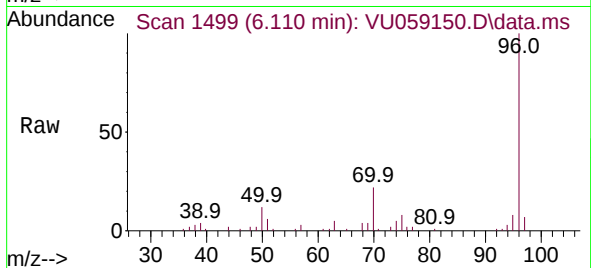
Quant Time: Jun 06 03:31:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U060524DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jun 06 03:28:28 2024
Response via : Initial Calibration



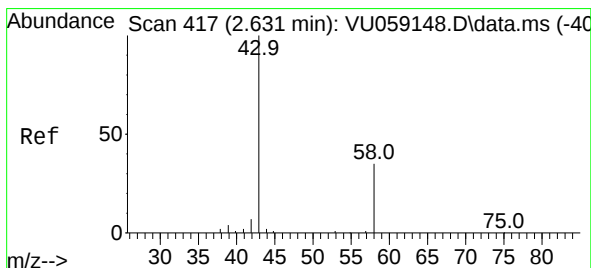
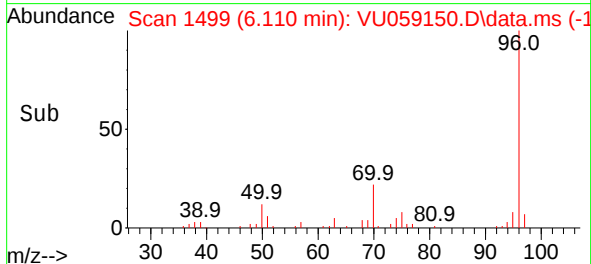
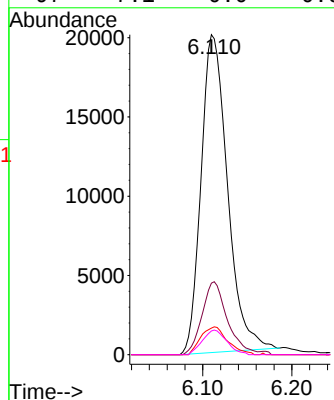


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU059150.D
Acq: 05 Jun 2024 14:00

Instrument :
MSVOA_U
ClientSampleId :

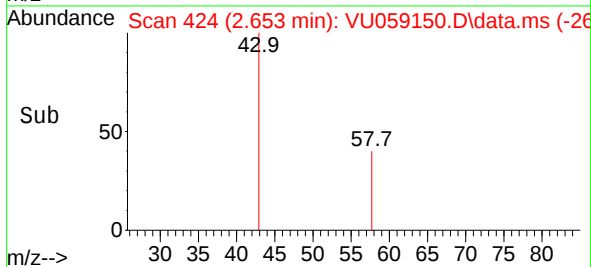
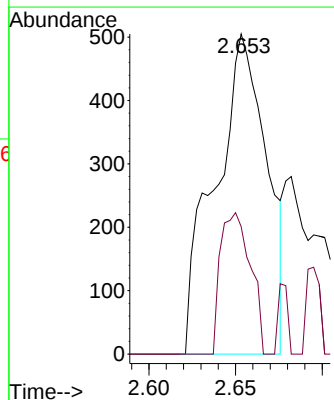
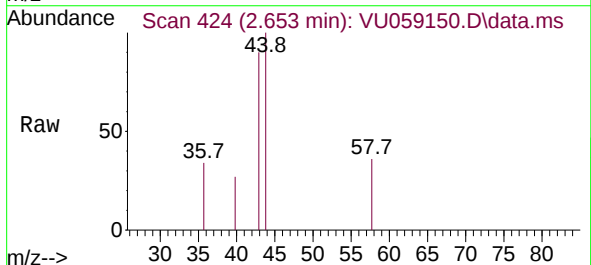


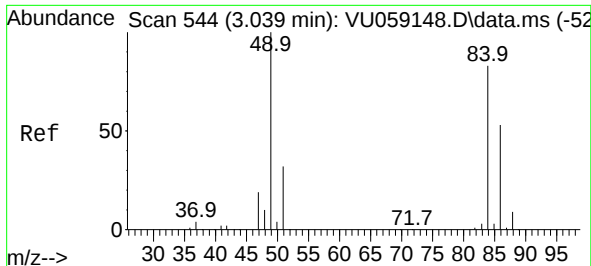
Tgt	Ion: 96	Resp:	41353
Ion	Ratio	Lower	Upper
96	100		
70	20.8	16.6	24.8
95	8.9	7.1	10.7
97	7.1	0.0	0.0#



#13
Acetone
Concen: 0.305 ug/l
RT: 2.653 min Scan# 424
Delta R.T. 0.023 min
Lab File: VU059150.D
Acq: 05 Jun 2024 14:00

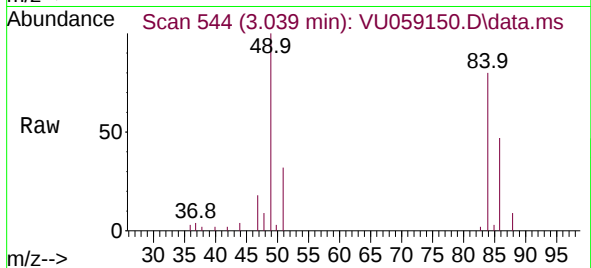
Tgt Ion: 43	Resp: 1046
Ion Ratio	Lower Upper
43 100	
58 39.8	27.9 41.9



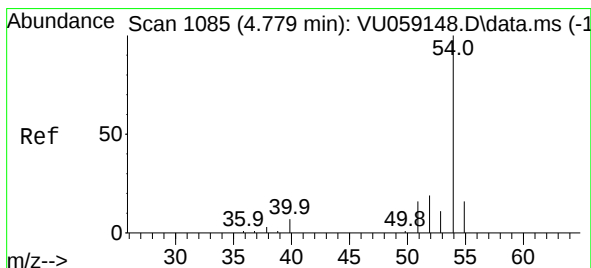
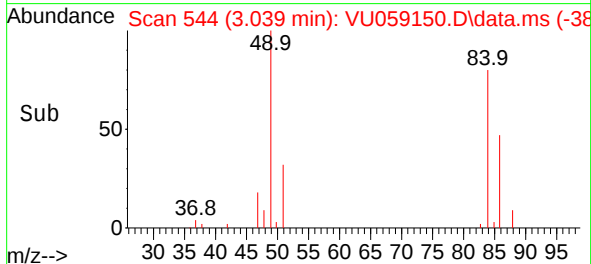
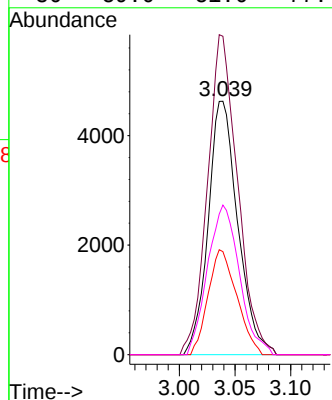


#15
Methylene Chloride
Concen: 0.627 ug/l
RT: 3.039 min Scan# 54
Delta R.T. -0.000 min
Lab File: VU059150.D
Acq: 05 Jun 2024 14:00

Instrument :
MSVOA_U
ClientSampleId :

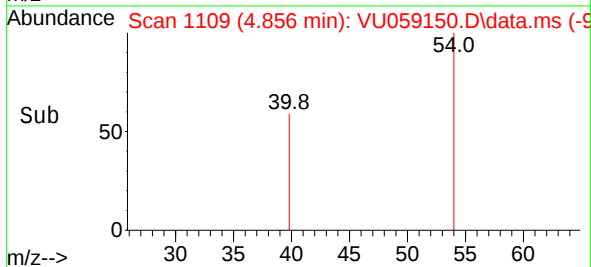
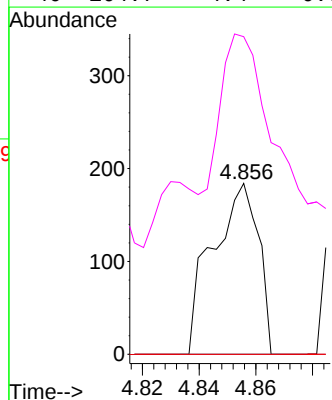
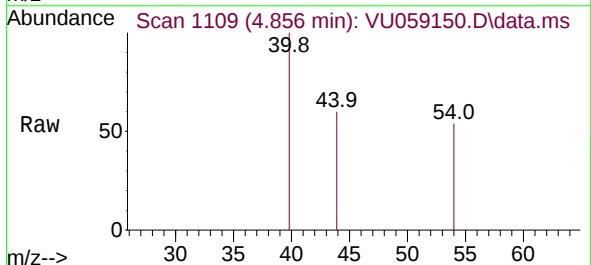


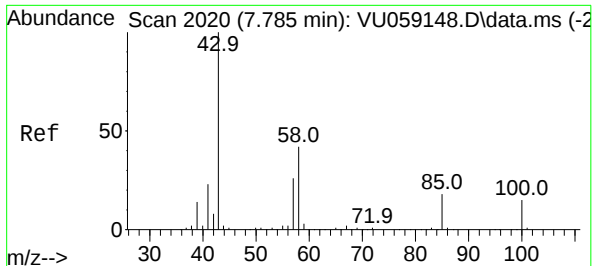
Tgt Ion:	84	Resp:	8558
Ion	Ratio	Lower	Upper
84	100		
49	125.6	96.7	145.1
51	40.6	0.0	76.8
86	59.0	51.6	77.4



#34
Propionitrile
Concen: 0.238 ug/l
RT: 4.856 min Scan# 1109
Delta R.T. 0.077 min
Lab File: VU059150.D
Acq: 05 Jun 2024 14:00

Tgt Ion:	54	Resp:	207
Ion	Ratio	Lower	Upper
54	100		
52	0.0	15.2	22.8#
55	0.0	12.4	18.6#
40	164.7	4.4	6.6#

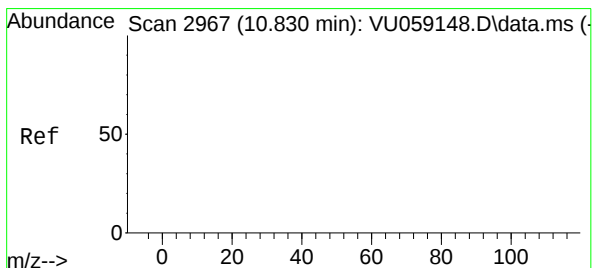
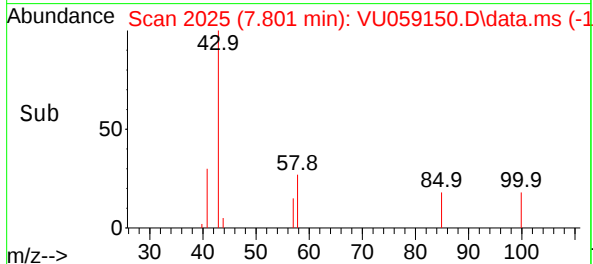
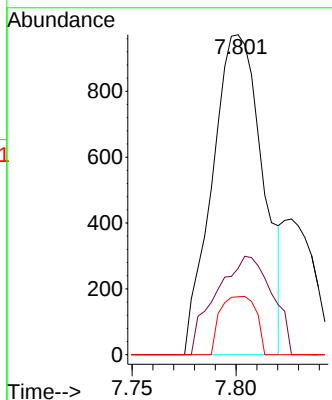
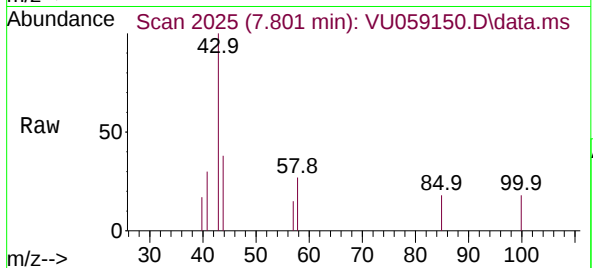




#45
4-Methyl-2-Pentanone
Concen: 0.251 ug/l
RT: 7.801 min Scan# 2025
Delta R.T. 0.016 min
Lab File: VU059150.D
Acq: 05 Jun 2024 14:00

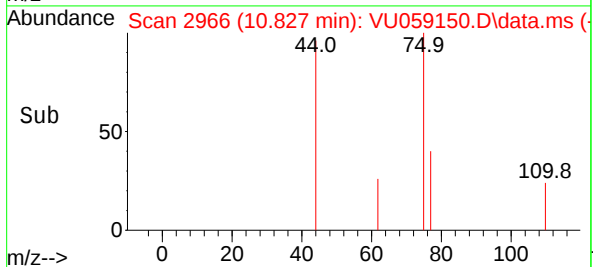
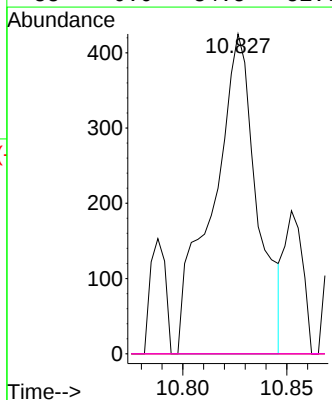
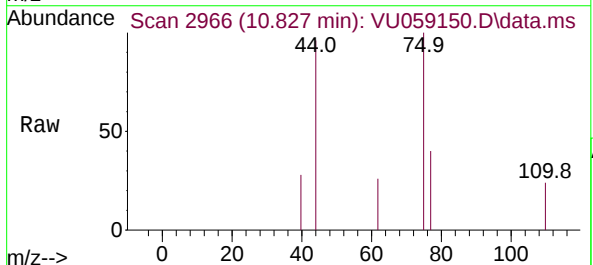
Instrument :
MSVOA_U
ClientSampleId :

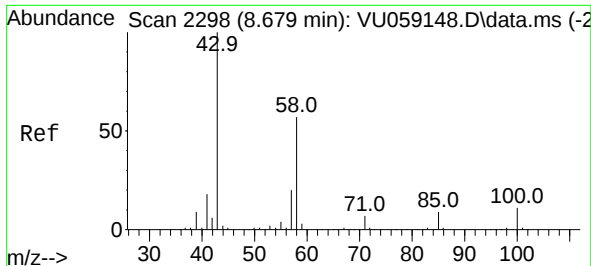
Tgt Ion: 43 Resp: 1648
Ion Ratio Lower Upper
43 100
58 34.0 21.1 63.3
85 12.8 14.6 22.0#



#46
t-1,4-Dichloro-2-butene
Concen: 0.227 ug/l
RT: 10.827 min Scan# 2966
Delta R.T. -0.003 min
Lab File: VU059150.D
Acq: 05 Jun 2024 14:00

Tgt Ion: 75 Resp: 631
Ion Ratio Lower Upper
75 100
53 0.0 72.2 108.4#
89 21.2 47.0 70.4#
88 0.0 34.5 51.7#

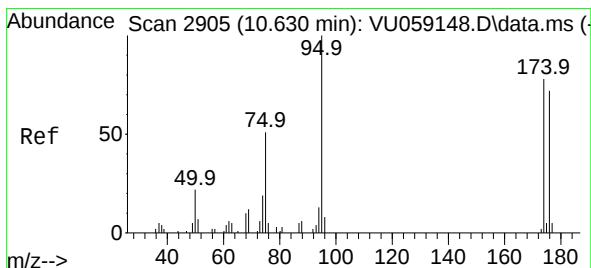
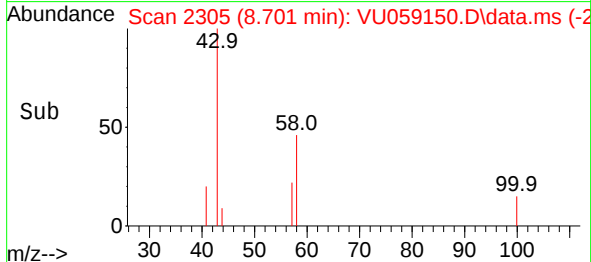
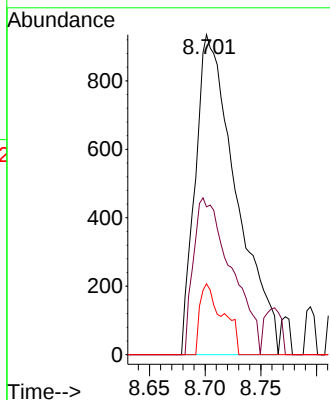
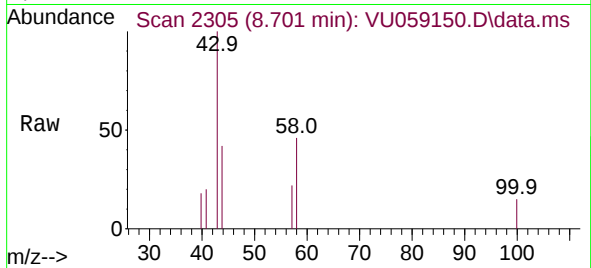




#54
2-Hexanone
Concen: 2.528 ug/l
RT: 8.701 min Scan# 2305
Delta R.T. 0.022 min
Lab File: VU059150.D
Acq: 05 Jun 2024 14:00

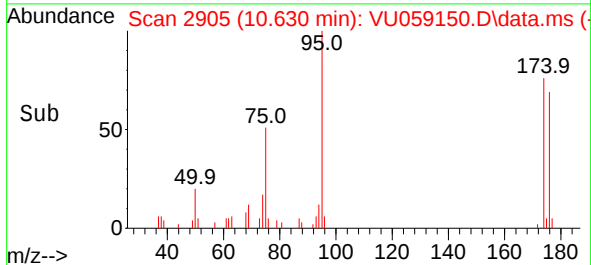
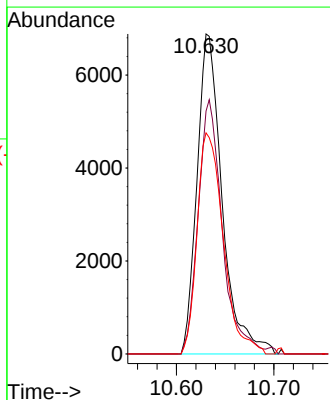
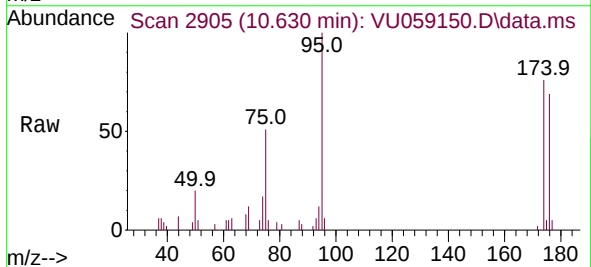
Instrument :
MSVOA_U
ClientSampleId :

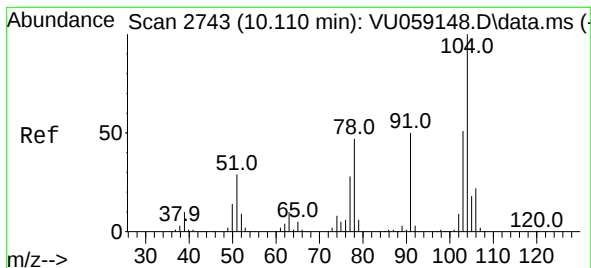
Tgt Ion: 43 Resp: 2398
Ion Ratio Lower Upper
43 100
58 45.0 38.6 78.6
57 12.3 0.0 39.5



#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

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





#66

Styrene

Concen: 0.454 ug/l

RT: 10.122 min Scan# 21

Delta R.T. 0.013 min

Lab File: VU059150.D

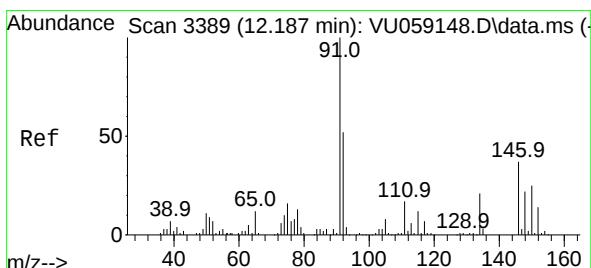
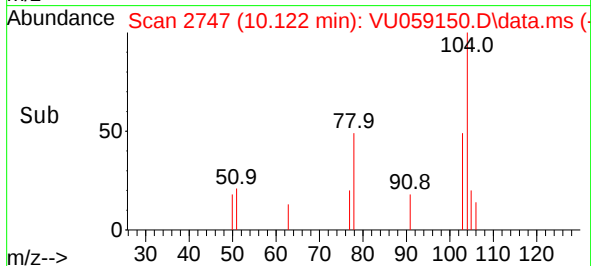
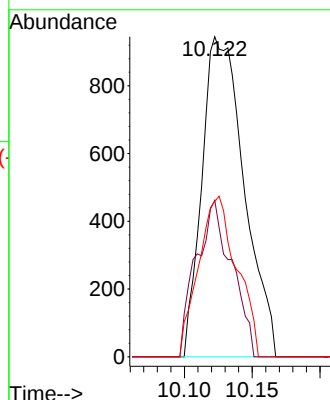
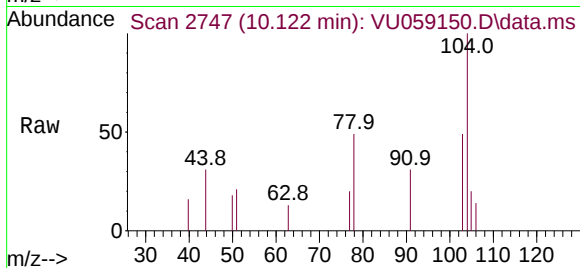
Acq: 05 Jun 2024 14:00

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:104	Resp:	2041
Ion Ratio	Lower	Upper
104	100	
78	41.4	41.6 62.4#
103	45.4	44.6 66.8



#68

1,2-Dichlorobenzene-d4

Concen: 0.865 ug/l

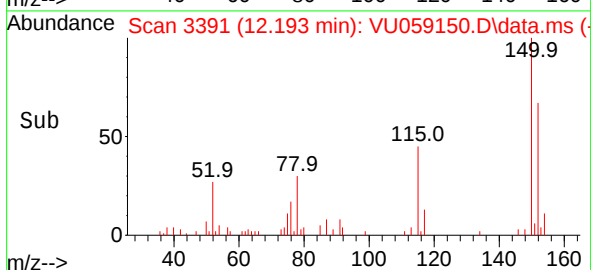
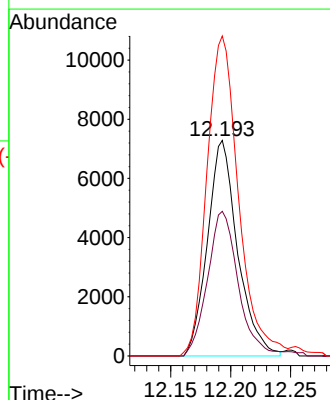
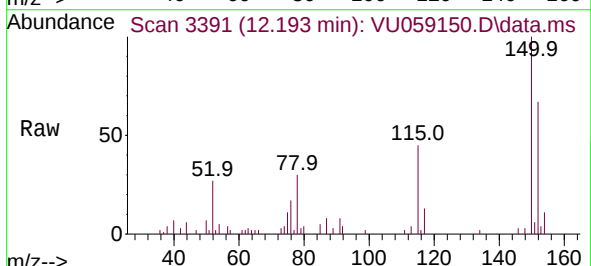
RT: 12.193 min Scan# 3391

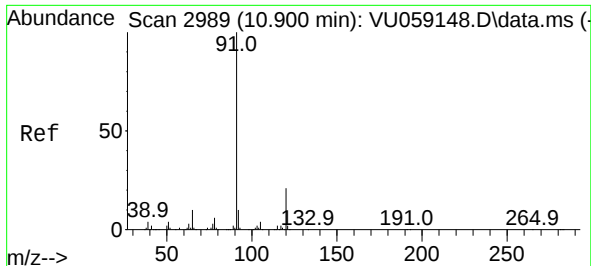
Delta R.T. 0.006 min

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

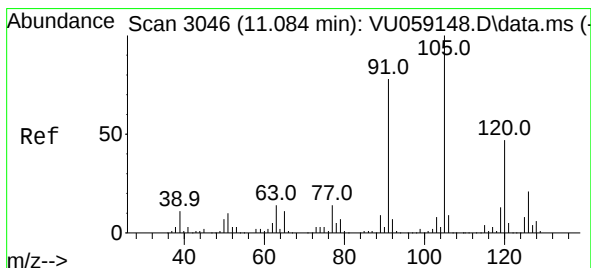
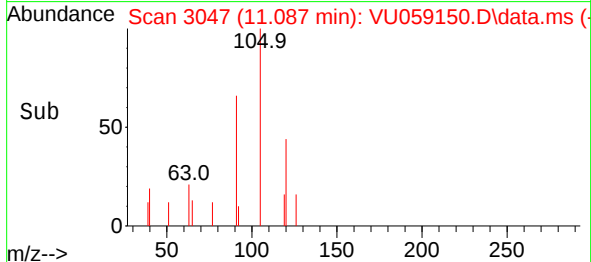
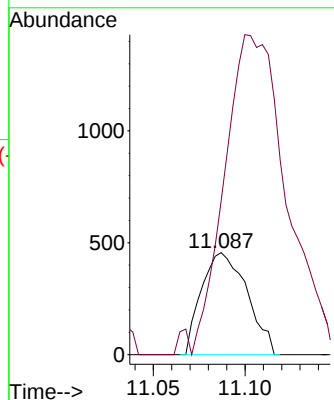
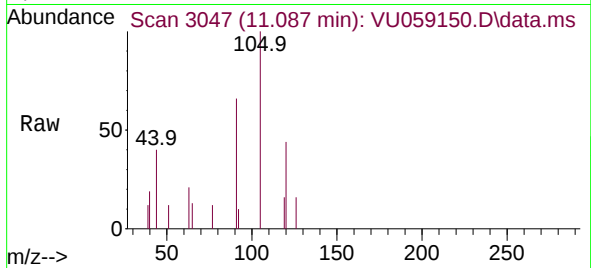




#73
n-propylbenzene
Concen: 0.424 ug/l
RT: 11.087 min Scan# 3047
Delta R.T. 0.186 min
Lab File: VU059150.D
Acq: 05 Jun 2024 14:00

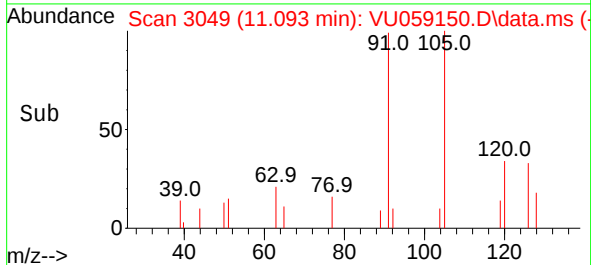
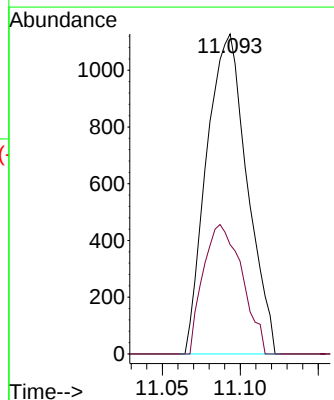
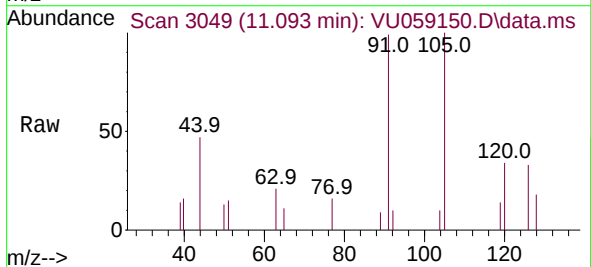
Instrument :
MSVOA_U
ClientSampleId :

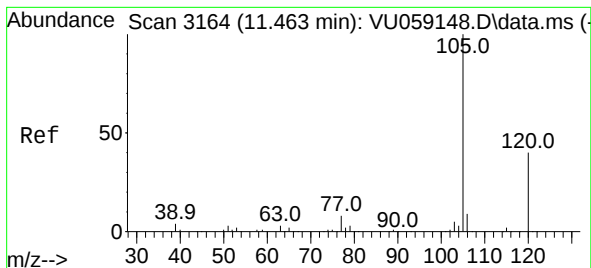
Tgt Ion:120 Resp: 790
Ion Ratio Lower Upper
120 100
91 423.4 378.6 567.8



#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

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

Instrument :

MSVOA_U

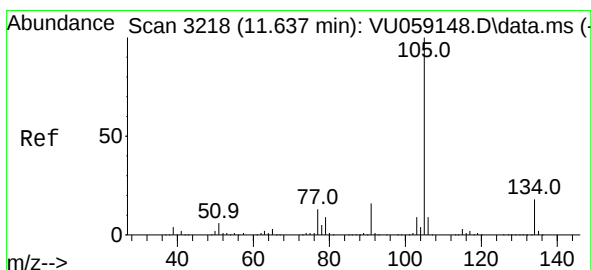
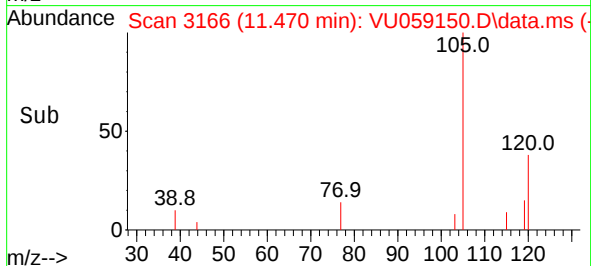
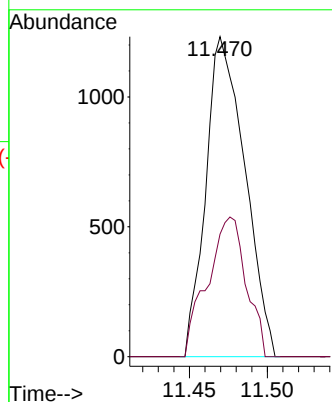
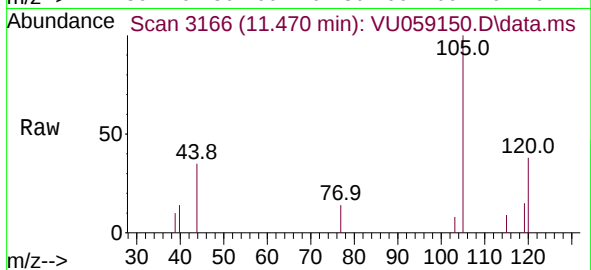
ClientSampleId :

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# 3220

Delta R.T. 0.006 min

Lab File: VU059150.D

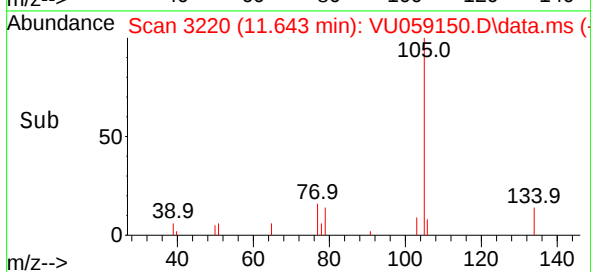
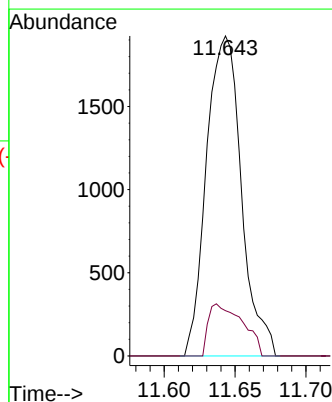
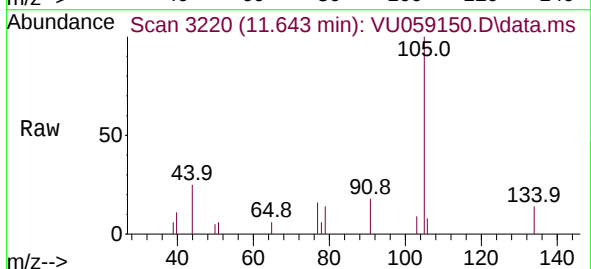
Acq: 05 Jun 2024 14:00

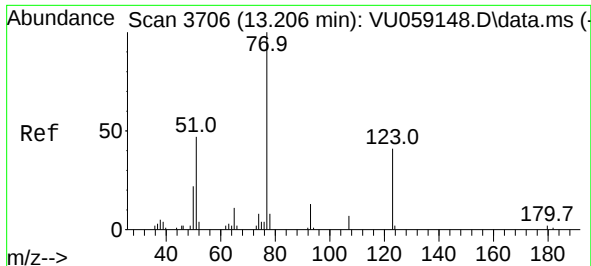
Tgt Ion:105 Resp: 3296

Ion Ratio Lower Upper

105 100

134 15.9 14.5 21.7





#80

Nitrobenzene

Concen: 3.502 ug/l

RT: 13.248 min Scan# 31

Delta R.T. 0.042 min

Lab File: VU059150.D

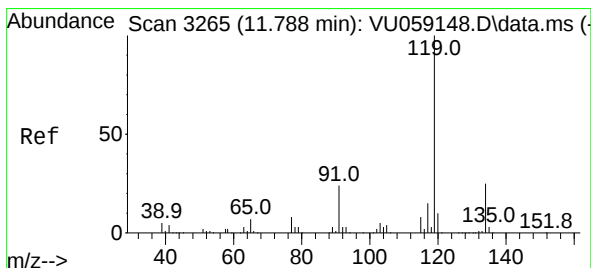
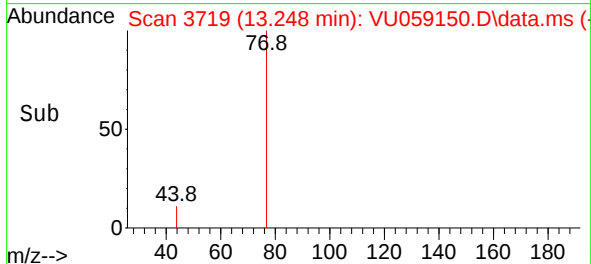
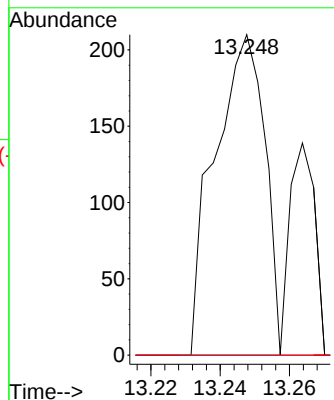
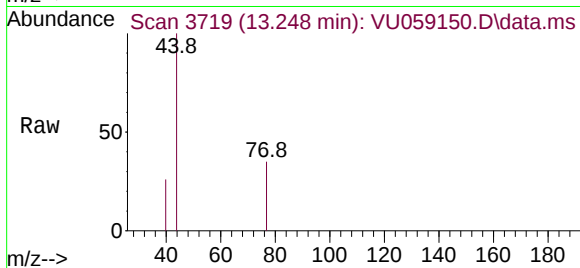
Acq: 05 Jun 2024 14:00

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	77	Resp:	211
Ion	Ratio	Lower	Upper
77	100		
123	0.0	18.3	64.7#
65	0.0	10.6	13.4#



#81

p-Isopropyltoluene

Concen: 0.492 ug/l

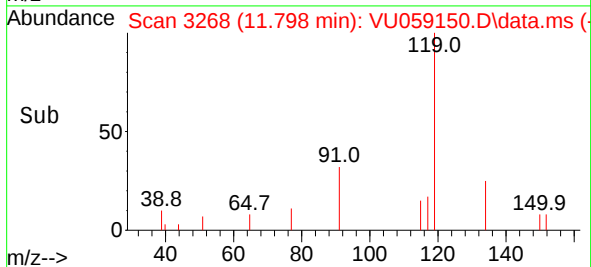
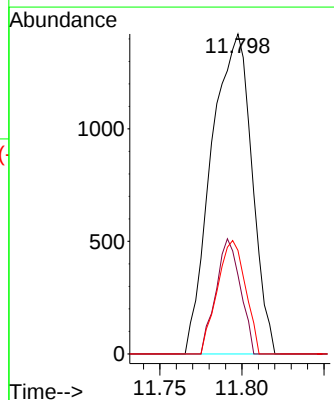
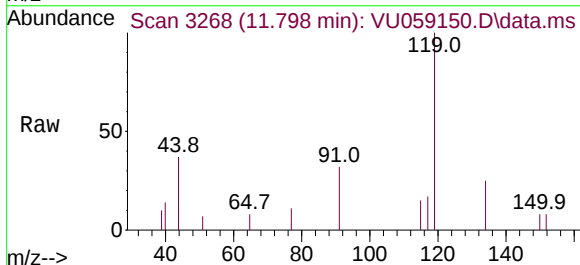
RT: 11.798 min Scan# 3268

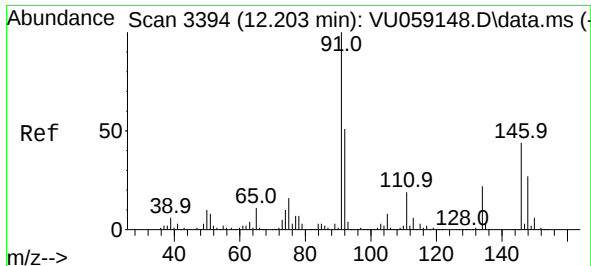
Delta R.T. 0.010 min

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# 3397

Delta R.T. 0.010 min

Lab File: VU059150.D

Acq: 05 Jun 2024 14:00

Instrument :

MSVOA_U

ClientSampleId :

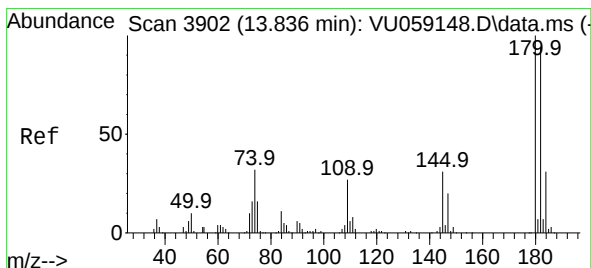
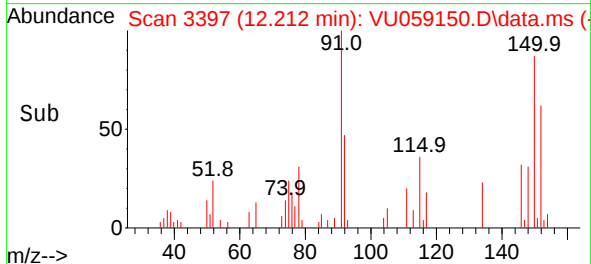
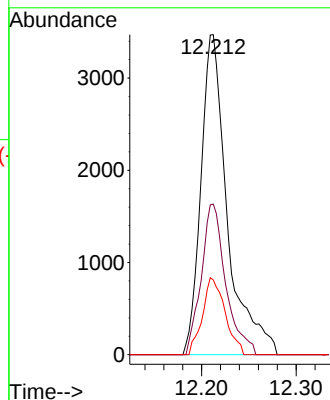
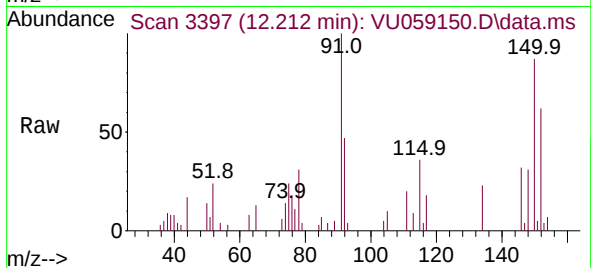
Tgt Ion: 91 Resp: 6754

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

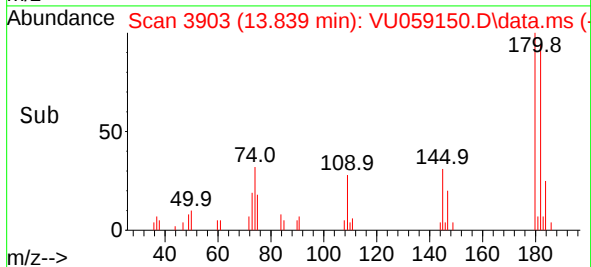
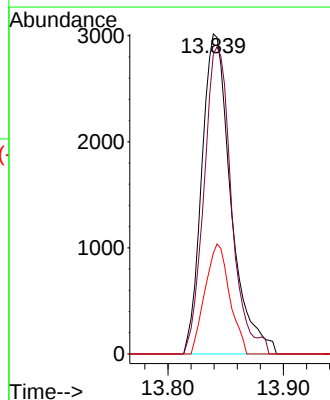
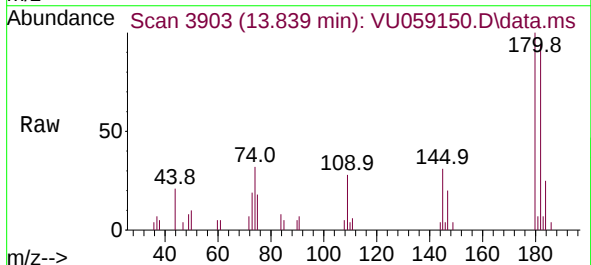
Tgt Ion:180 Resp: 5278

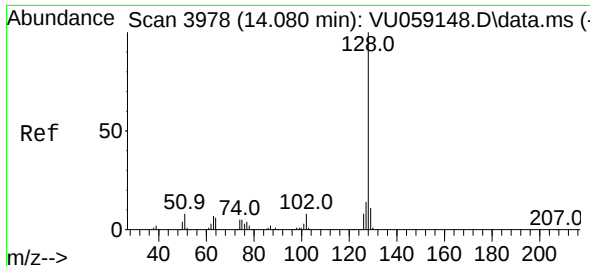
Ion Ratio Lower Upper

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

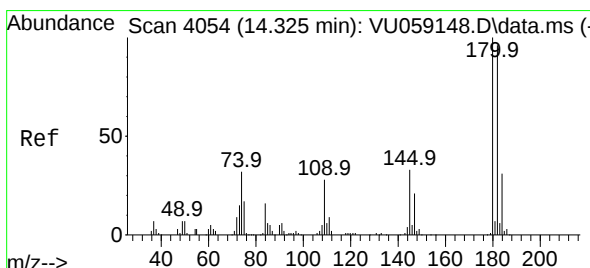
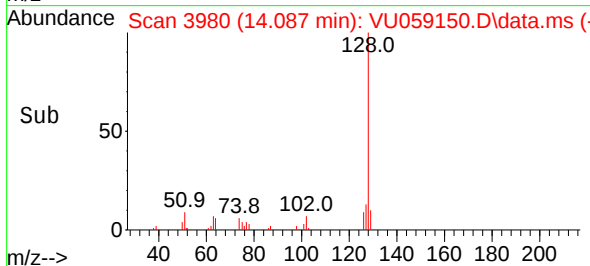
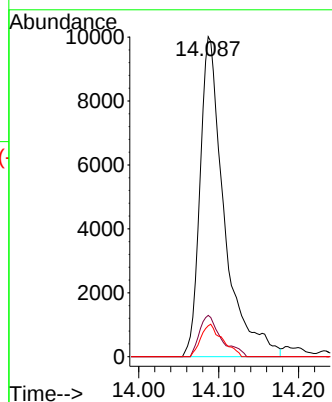
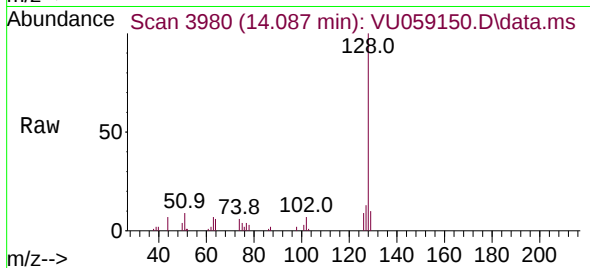
Acq: 05 Jun 2024 14:00

Instrument :

MSVOA_U

ClientSampleId :

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

