

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032923\
 Data File : VU053470.D
 Acq On : 29 Mar 2023 17:42
 Operator : JC/MD
 Sample : VU0329WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0329WBL01

Quant Time: Mar 30 14:08:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U032923DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Mar 30 13:33:10 2023
 Response via : Initial Calibration

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

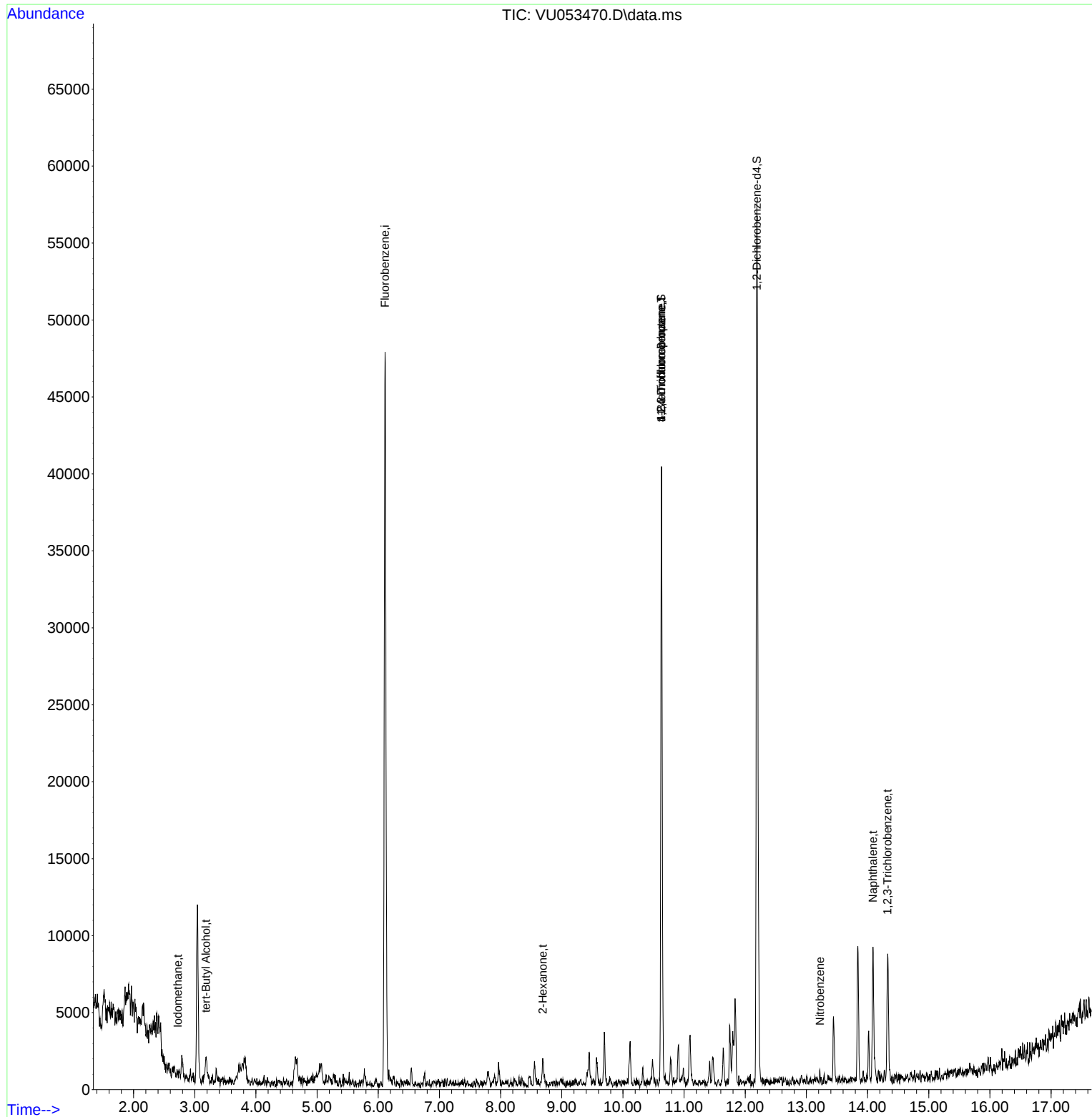
Internal Standards						
1) Fluorobenzene	6.111	96	44195	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.629	95	13880	0.870	ug/l	0.00
Spiked Amount 1.000			Recovery	=	87.000%	
68) 1,2-Dichlorobenzene-d4	12.188	152	13579	0.848	ug/l	0.00
Spiked Amount 1.000			Recovery	=	85.000%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.871	94	806	Below Cal	#	77
10) Iodomethane	2.723	142	331	0.634	ug/l #	31
15) Methylene Chloride	3.044	84	5949	Below Cal		87
24) tert-Butyl Alcohol	3.182	59	1037	1.231	ug/l #	1
46) t-1,4-Dichloro-2-butene	10.629	75	7784	2.629	ug/l #	18
54) 2-Hexanone	8.690	43	1551	0.234	ug/l	83
71) 1,2,3-Trichloropropane	10.629	75	7784	0.970	ug/l #	33
80) Nitrobenzene	13.221	77	68	0.255	ug/l #	40
89) Naphthalene	14.089	128	8659	0.302	ug/l	99
90) 1,2,3-Trichlorobenzene	14.327	180	3222	0.262	ug/l	97

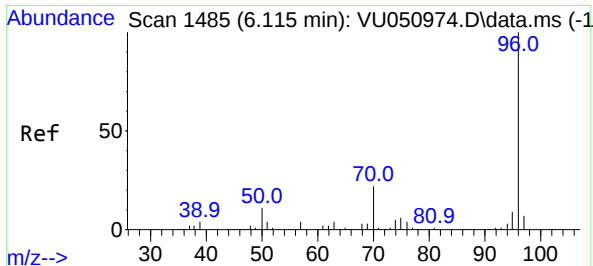
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032923\
Data File : VU053470.D
Acq On : 29 Mar 2023 17:42
Operator : JC/MD
Sample : VU0329WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBL01

Quant Time: Mar 30 14:08:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U032923DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Mar 30 13:33:10 2023
Response via : Initial Calibration

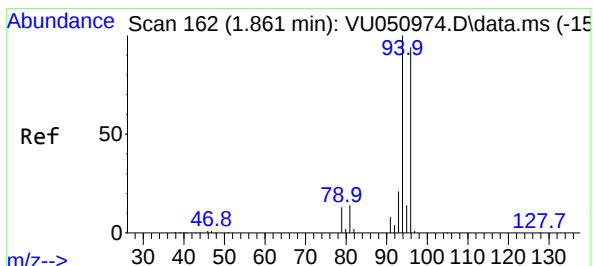
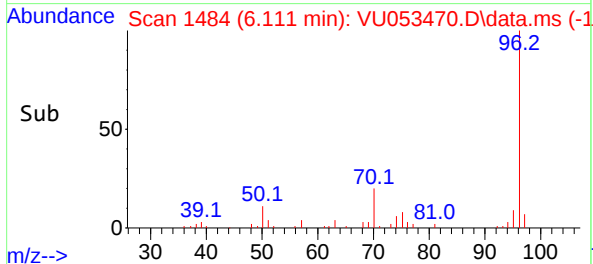
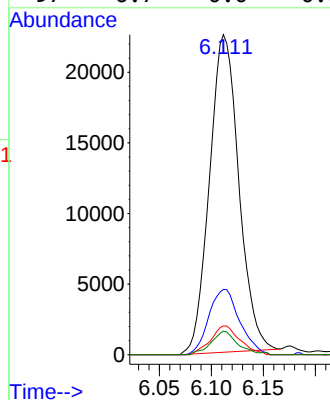
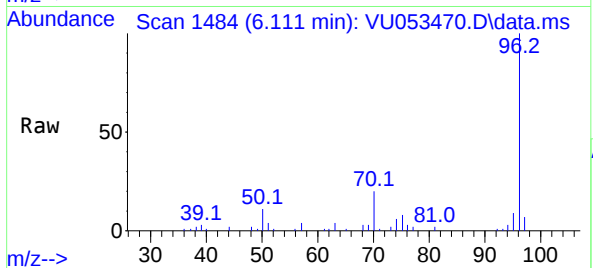




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.111 min Scan# 14
Delta R.T. -0.004 min
Lab File: VU053470.D
Acq: 29 Mar 2023 17:42

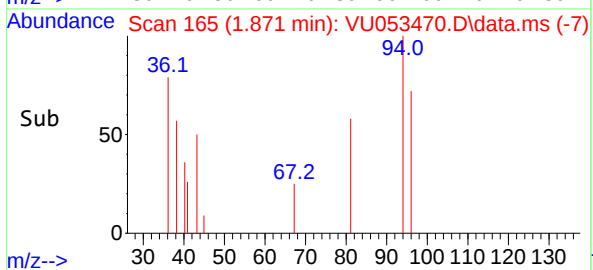
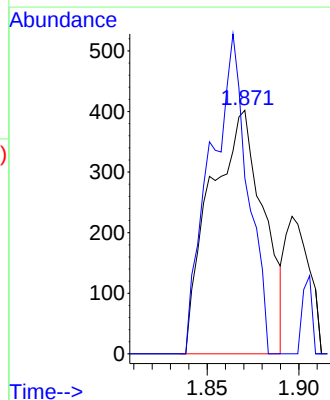
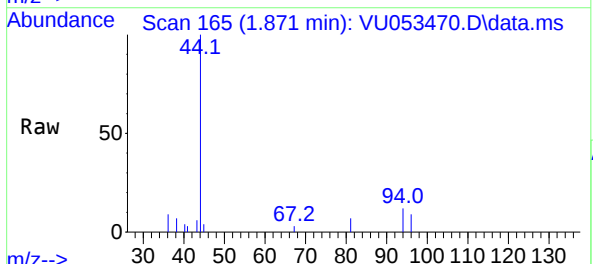
Instrument :
MSVOA_U
ClientSampleId :
VU0329WBL01

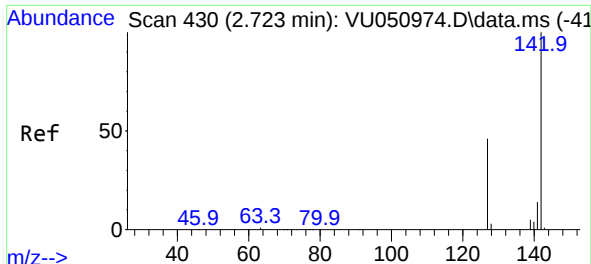
Tgt Ion: 96	Resp: 44195
Ion Ratio	Lower Upper
96 100	
70 21.6	16.5 24.7
95 9.0	7.4 11.0
97 6.7	0.0 0.0#



#5
Bromomethane
Concen: Below Cal
RT: 1.871 min Scan# 165
Delta R.T. 0.010 min
Lab File: VU053470.D
Acq: 29 Mar 2023 17:42

Tgt Ion: 94	Resp: 806
Ion Ratio	Lower Upper
94 100	
96 72.1	75.4 113.2#

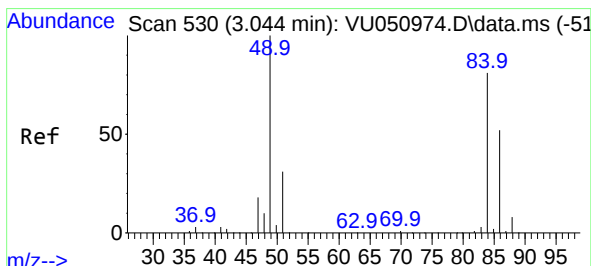
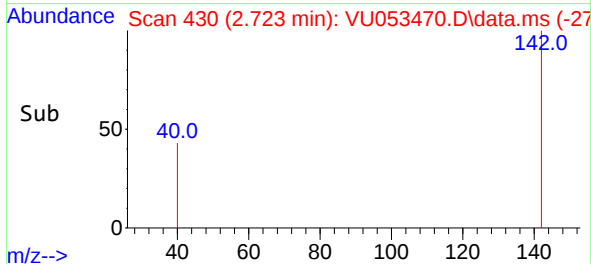
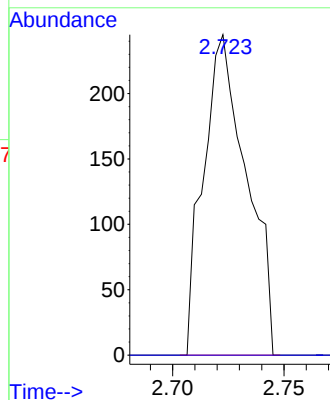
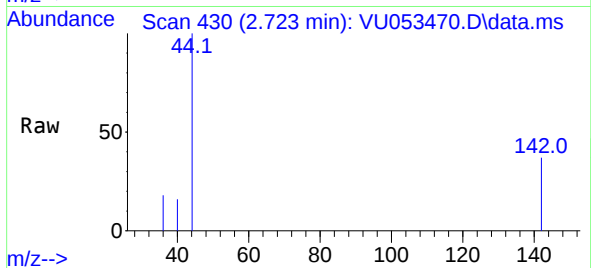




#10
Iodomethane
Concen: 0.634 ug/l
RT: 2.723 min Scan# 41
Delta R.T. -0.000 min
Lab File: VU053470.D
Acq: 29 Mar 2023 17:42

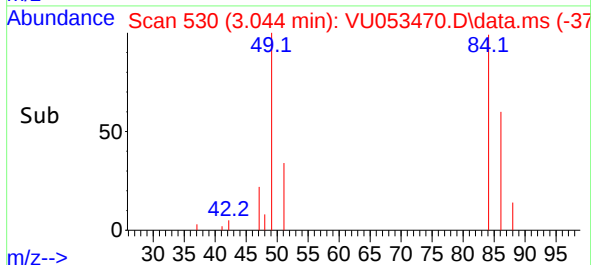
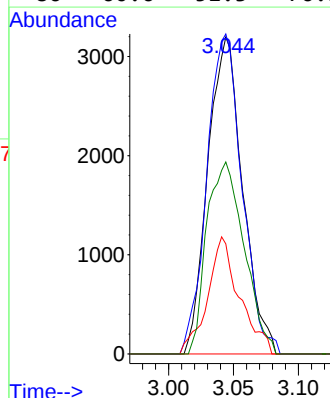
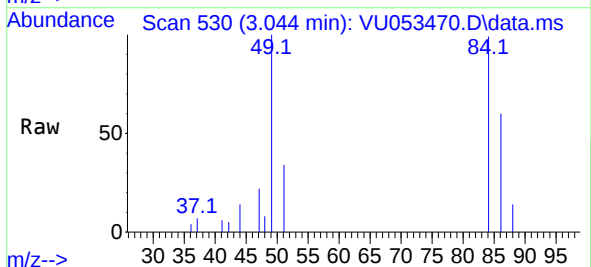
Instrument :
MSVOA_U
ClientSampleId :
VU0329WBL01

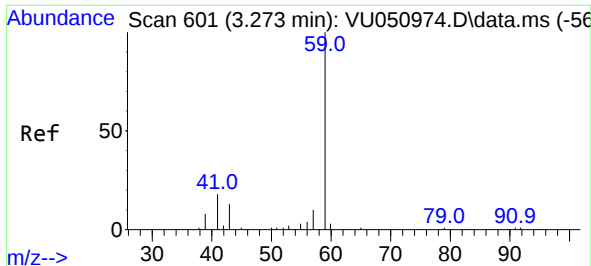
Tgt Ion:142 Resp: 331
Ion Ratio Lower Upper
142 100
127 0.0 35.9 53.9#



#15
Methylene Chloride
Concen: Below Cal
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU053470.D
Acq: 29 Mar 2023 17:42

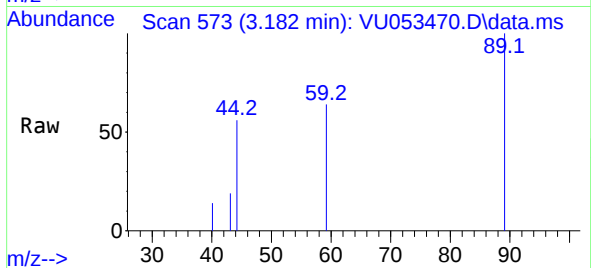
Tgt Ion: 84 Resp: 5949
Ion Ratio Lower Upper
84 100
49 101.0 98.9 148.3
51 34.7 0.0 75.4
86 60.6 51.3 76.9



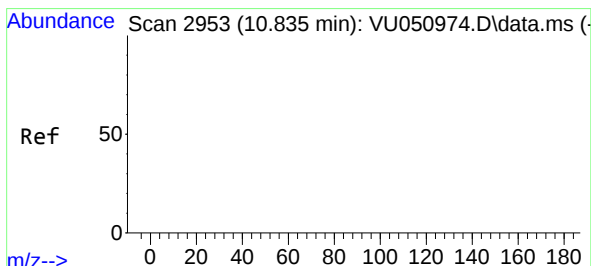
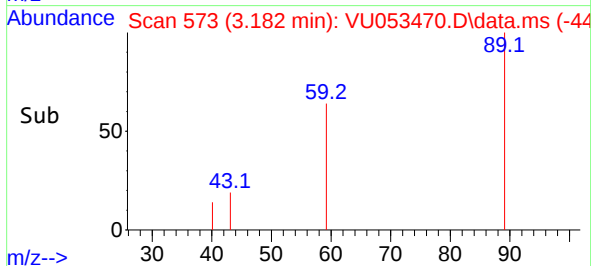
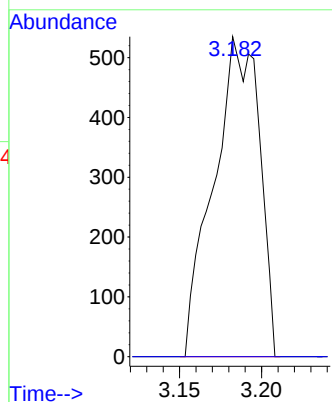


#24
tert-Butyl Alcohol
Concen: 1.231 ug/l
RT: 3.182 min Scan# 51
Delta R.T. -0.091 min
Lab File: VU053470.D
Acq: 29 Mar 2023 17:42

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBL01

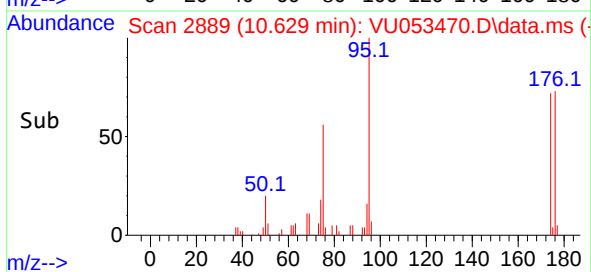
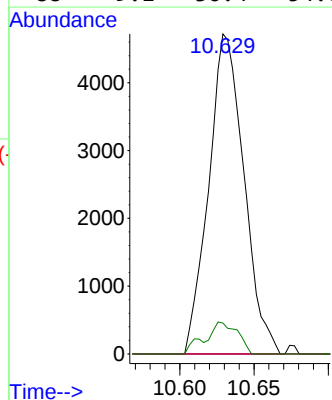
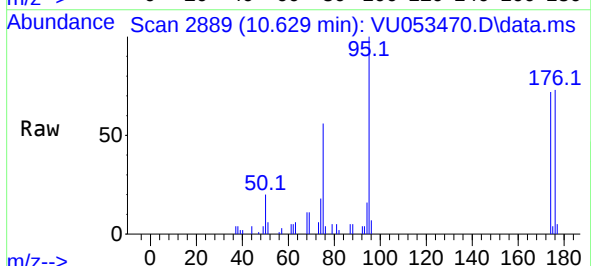


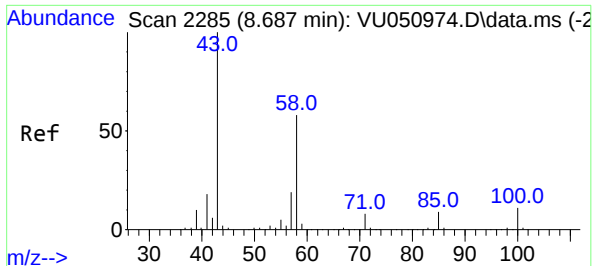
Tgt Ion: 59 Resp: 1037
Ion Ratio Lower Upper
59 100
57 0.0 105.6 158.4#



#46
t-1,4-Dichloro-2-butene
Concen: 2.629 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. -0.206 min
Lab File: VU053470.D
Acq: 29 Mar 2023 17:42

Tgt Ion: 75 Resp: 7784
Ion Ratio Lower Upper
75 100
53 0.0 73.3 109.9#
89 0.0 48.2 72.4#
88 9.1 36.4 54.6#

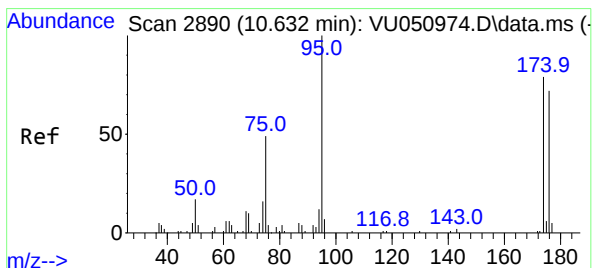
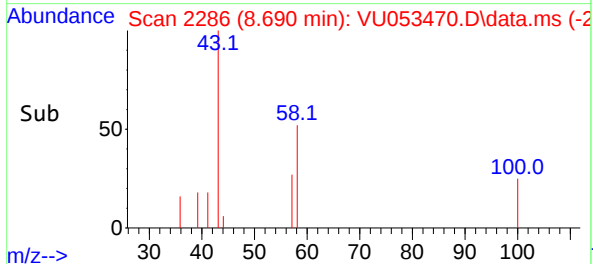
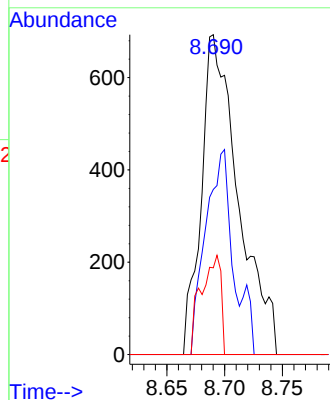
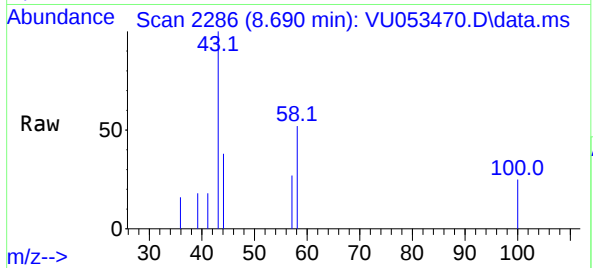




#54
2-Hexanone
Concen: 0.234 ug/l
RT: 8.690 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU053470.D
Acq: 29 Mar 2023 17:42

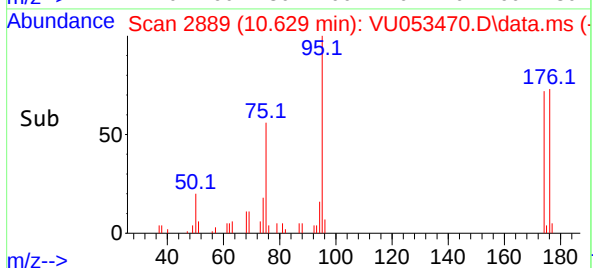
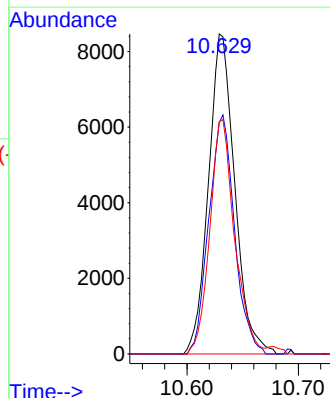
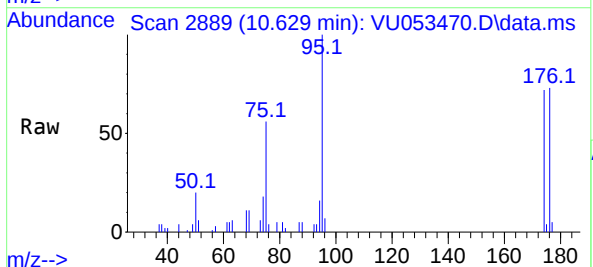
Instrument :
MSVOA_U
ClientSampleId :
VU0329WBL01

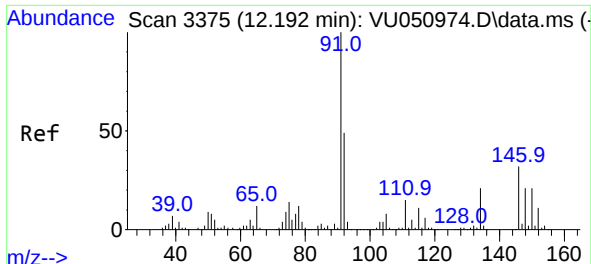
Tgt Ion: 43	Resp: 1551
Ion Ratio	Lower Upper
43	100
58	43.3 38.2 78.2
57	16.5 0.0 39.1



#57
4-Bromofluorobenzene
Concen: 0.870 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. -0.003 min
Lab File: VU053470.D
Acq: 29 Mar 2023 17:42

Tgt Ion: 95	Resp: 13880
Ion Ratio	Lower Upper
95	100
174	72.9 63.3 94.9
176	69.3 59.3 88.9

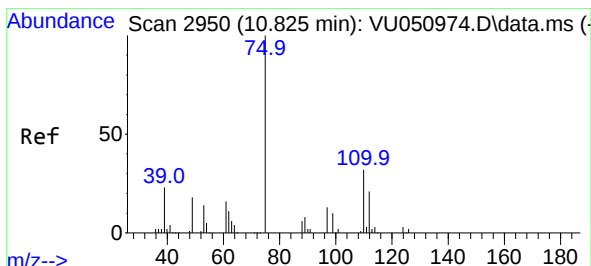
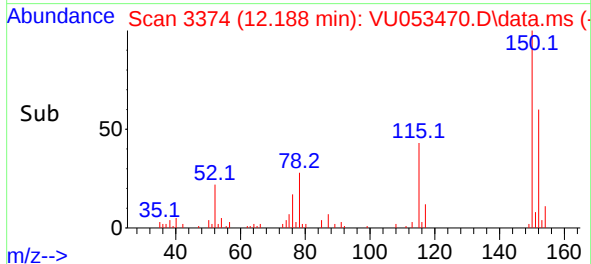
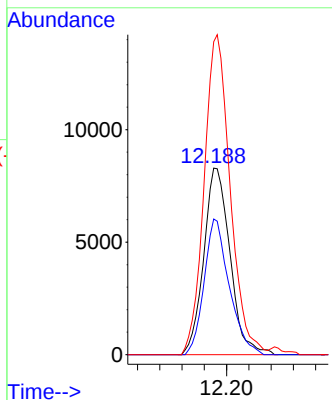
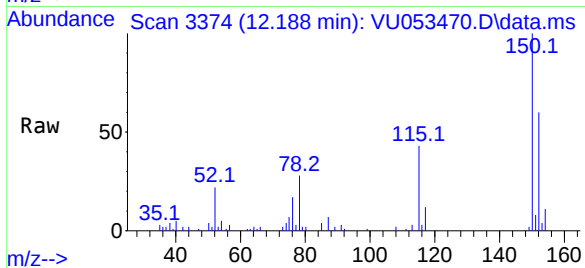




#68
1,2-Dichlorobenzene-d4
Concen: 0.848 ug/l
RT: 12.188 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU053470.D
Acq: 29 Mar 2023 17:42

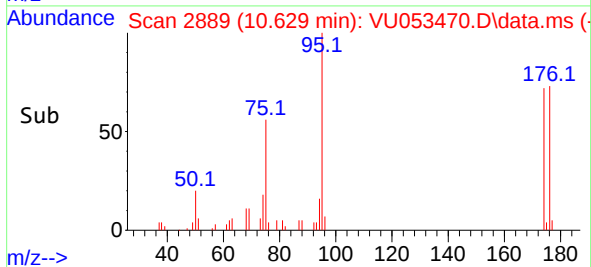
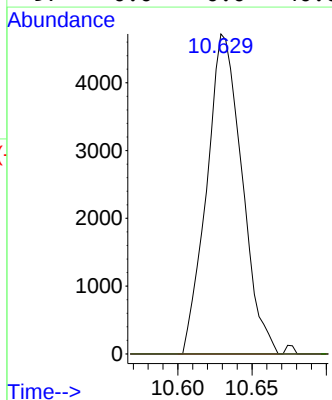
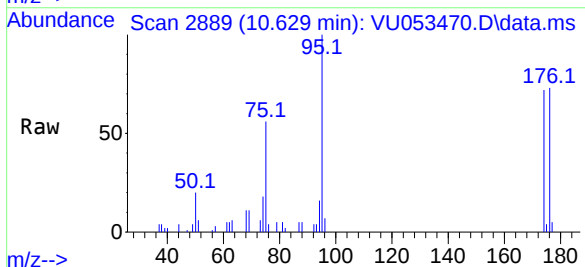
Instrument :
MSVOA_U
ClientSampleId :
VU0329WBL01

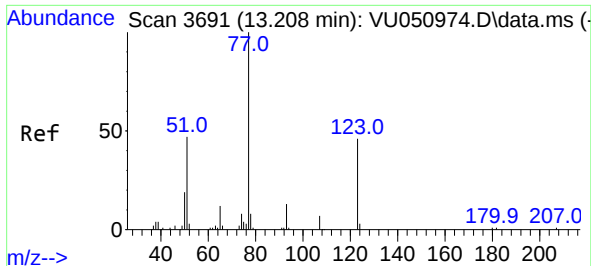
Tgt Ion:152 Resp: 13579
Ion Ratio Lower Upper
152 100
115 69.5 0.0 308.8
150 170.2 0.0 635.0



#71
1,2,3-Trichloropropane
Concen: 0.970 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. -0.196 min
Lab File: VU053470.D
Acq: 29 Mar 2023 17:42

Tgt Ion: 75 Resp: 7784
Ion Ratio Lower Upper
75 100
77 0.5 0.0 116.4
110 0.0 0.0 74.6
97 0.0 0.0 40.0

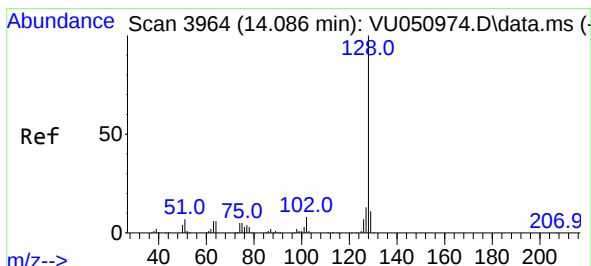
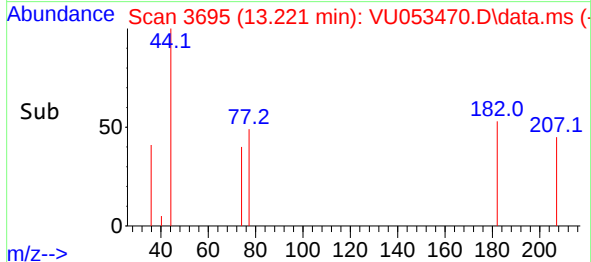
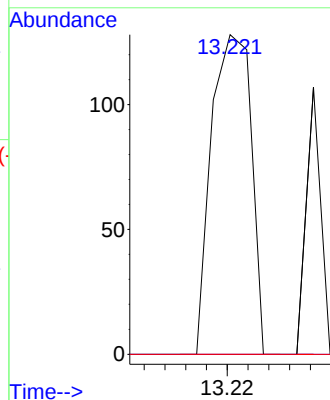
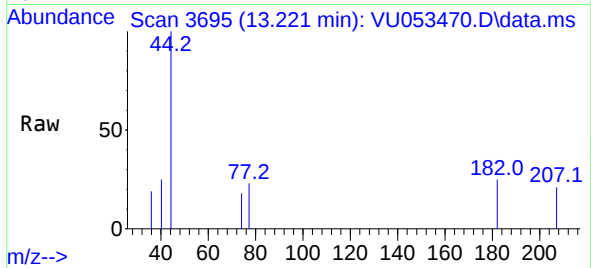




#80
Nitrobenzene
Concen: 0.255 ug/l
RT: 13.221 min Scan# 3695
Delta R.T. 0.013 min
Lab File: VU053470.D
Acq: 29 Mar 2023 17:42

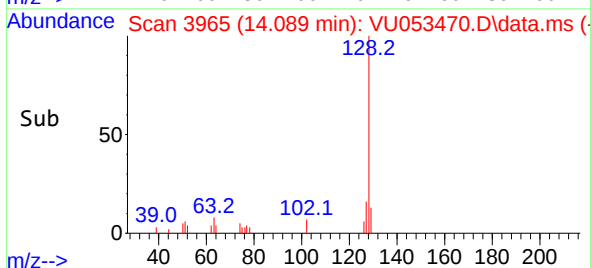
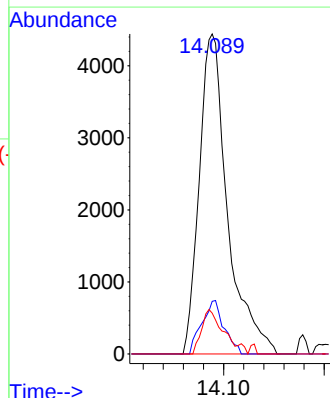
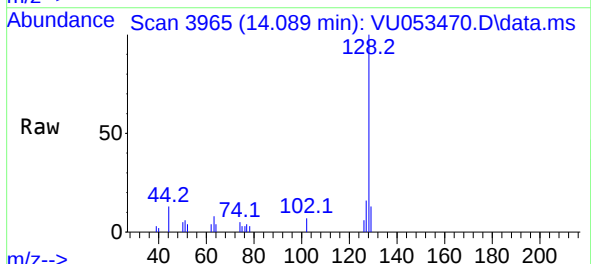
Instrument :
MSVOA_U
ClientSampleId :
VU0329WBL01

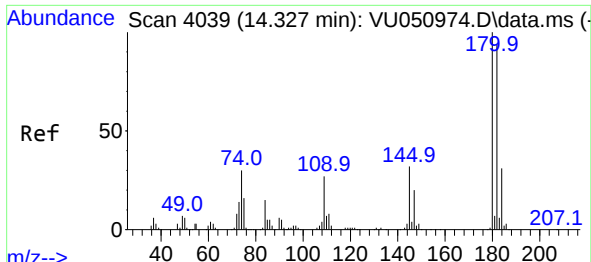
Tgt Ion: 77	Resp: 68
Ion Ratio	Lower Upper
77 100	
123 0.0	19.7 69.7#
65 0.0	11.5 14.7#



#89
Naphthalene
Concen: 0.302 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU053470.D
Acq: 29 Mar 2023 17:42

Tgt Ion: 128	Resp: 8659
Ion Ratio	Lower Upper
128 100	
127 13.1	10.9 16.3
129 10.9	8.6 12.8





#90

1,2,3-Trichlorobenzene

Concen: 0.262 ug/l

RT: 14.327 min Scan# 40

Delta R.T. -0.000 min

Lab File: VU053470.D

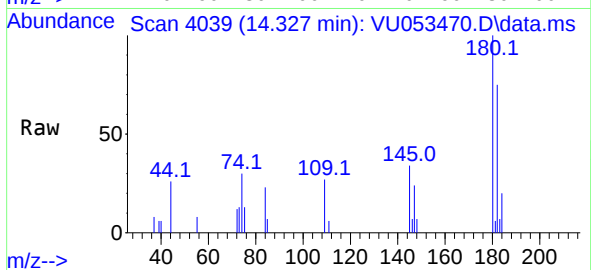
Acq: 29 Mar 2023 17:42

Instrument :

MSVOA_U

ClientSampleId :

VU0329WBL01



Tgt Ion:180 Resp: 3222

Ion Ratio Lower Upper

180 100

182 91.9 75.7 113.5

145 29.9 26.1 39.1

