

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020224\
 Data File : VU057785.D
 Acq On : 02 Feb 2024 10:16
 Operator : MD/SY
 Sample : VU0202WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0202WBL01

Quant Time: Feb 03 05:51:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U013124DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Feb 02 00:27:55 2024
 Response via : Initial Calibration

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

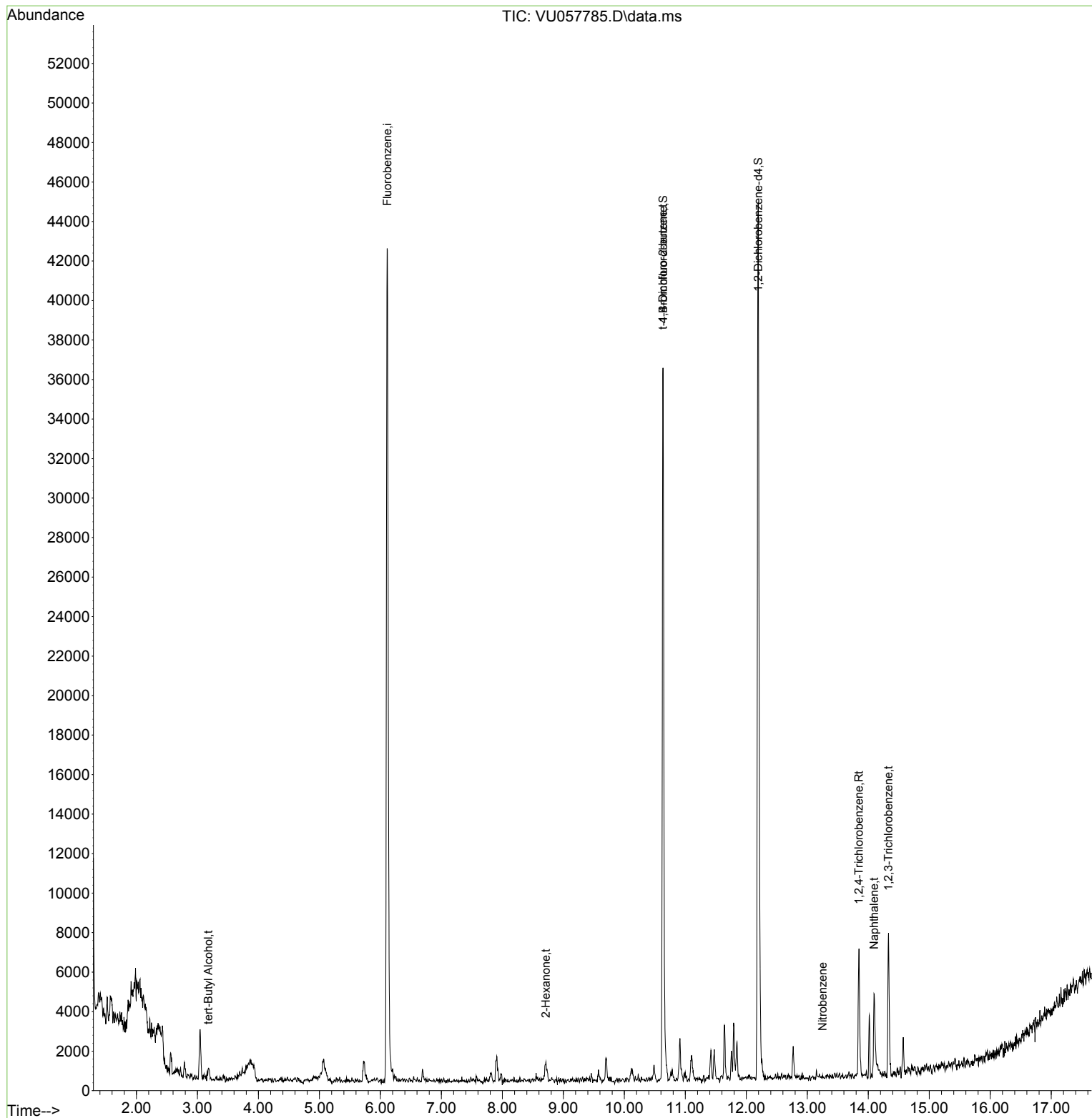
Internal Standards						
1) Fluorobenzene	6.113	96	41050	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.634	95	14627	0.941	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.000%	
68) 1,2-Dichlorobenzene-d4	12.193	152	11874	0.848	ug/l	0.00
Spiked Amount 1.000			Recovery	=	85.000%	
Target Compounds						
						Qvalue
24) tert-Butyl Alcohol	3.178	59	351	0.419	ug/l #	1
46) t-1,4-Dichloro-2-butene	10.631	75	7449	5.273	ug/l #	17
54) 2-Hexanone	8.711	43	1245	0.231	ug/l #	68
80) Nitrobenzene	13.251	77	21	3.111	ug/l #	40
87) 1,2,4-Trichlorobenzene	13.846	180	2684	0.214	ug/l	92
89) Naphthalene	14.094	128	5825	0.301	ug/l #	86
90) 1,2,3-Trichlorobenzene	14.328	180	2639	0.253	ug/l	95

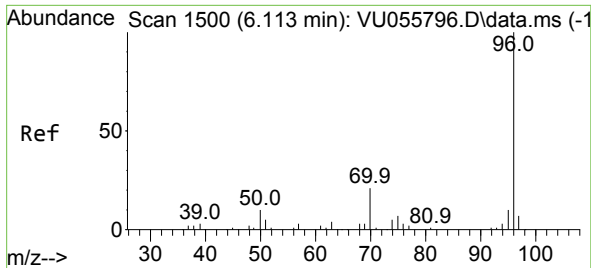
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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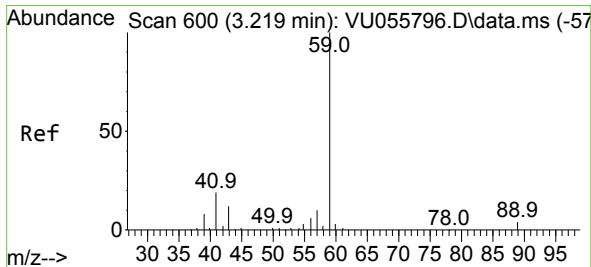
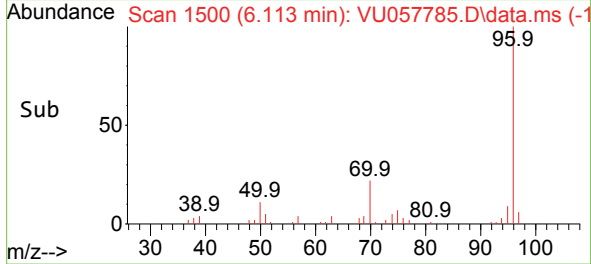
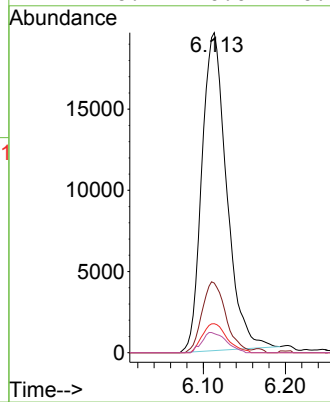
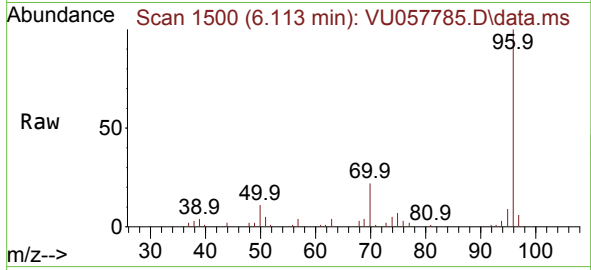




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU057785.D
Acq: 02 Feb 2024 10:16

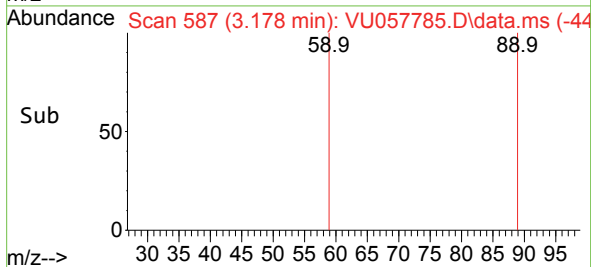
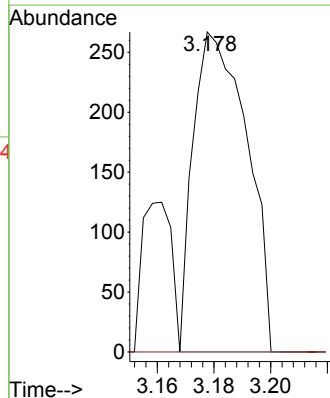
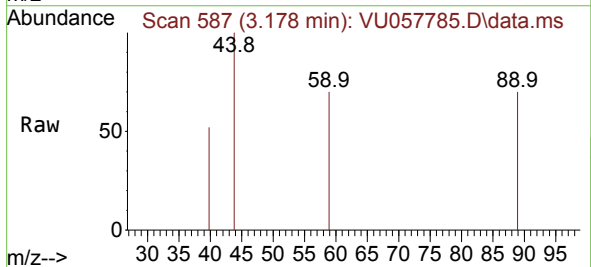
Instrument :
MSVOA_U
ClientSampleId :
VU0202WBL01

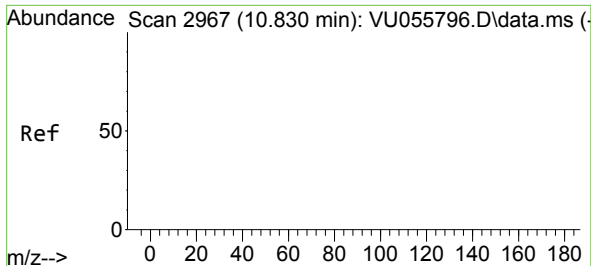
Tgt Ion: 96	Resp: 41050
Ion Ratio	Lower Upper
96 100	
70 20.4	16.5 24.7
95 9.1	7.4 11.0
97 6.2	0.0 0.0



#24
tert-Butyl Alcohol
Concen: 0.419 ug/l
RT: 3.178 min Scan# 587
Delta R.T. -0.041 min
Lab File: VU057785.D
Acq: 02 Feb 2024 10:16

Tgt Ion: 59	Resp: 351
Ion Ratio	Lower Upper
59 100	
57 0.0	105.6 158.4

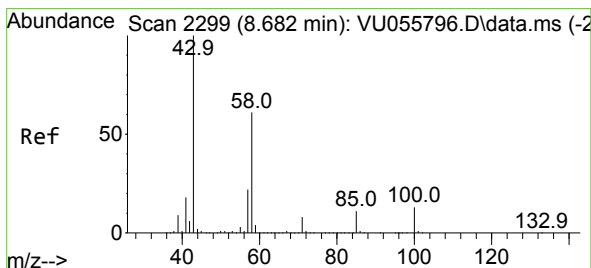
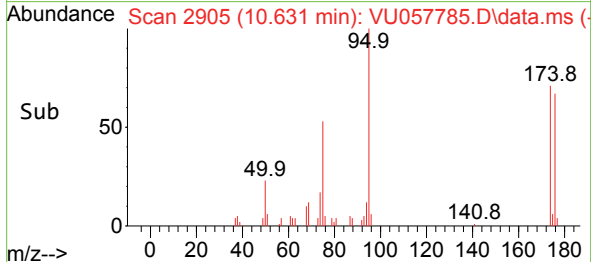
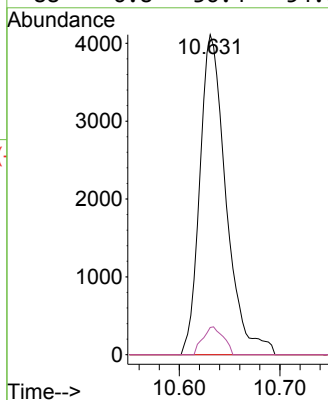
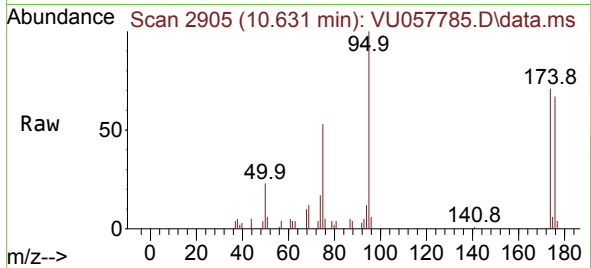




#46
t-1,4-Dichloro-2-butene
Concen: 5.273 ug/l
RT: 10.631 min Scan# 2967
Delta R.T. -0.199 min
Lab File: VU057785.D
Acq: 02 Feb 2024 10:16

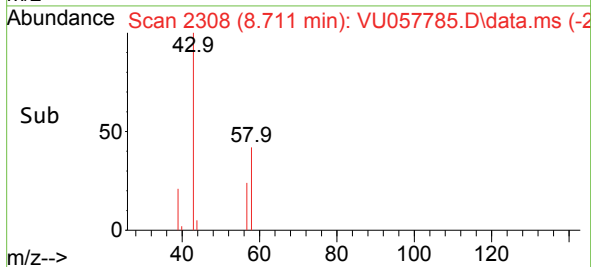
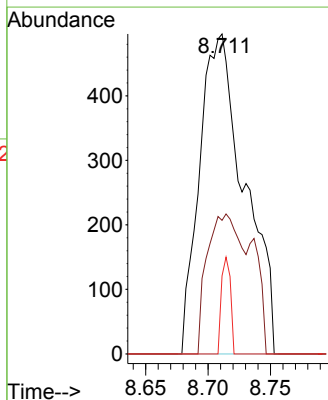
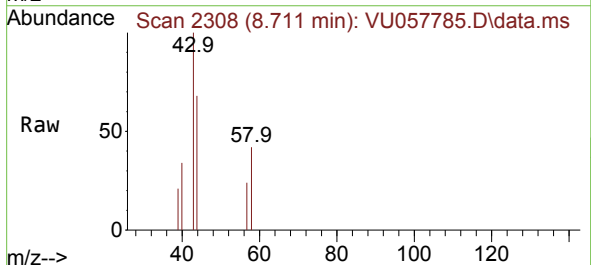
Instrument : MSVOA_U
ClientSampleId : VU0202WBL01

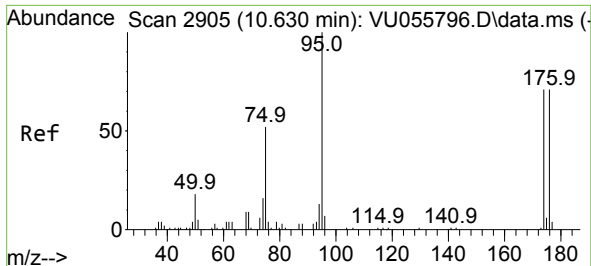
Tgt Ion: 75 Resp: 7449
Ion Ratio Lower Upper
75 100
53 0.0 73.3 109.9#
89 0.0 48.2 72.4#
88 6.8 36.4 54.6#



#54
2-Hexanone
Concen: 0.231 ug/l
RT: 8.711 min Scan# 2308
Delta R.T. 0.029 min
Lab File: VU057785.D
Acq: 02 Feb 2024 10:16

Tgt Ion: 43 Resp: 1245
Ion Ratio Lower Upper
43 100
58 33.5 38.2 78.2#
57 6.0 0.0 39.1

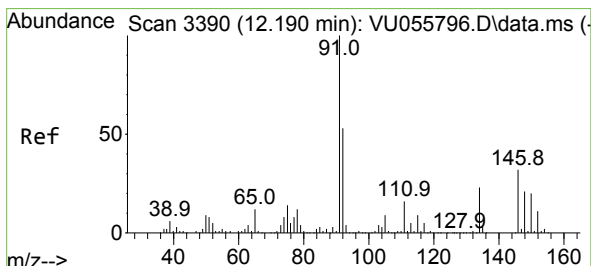
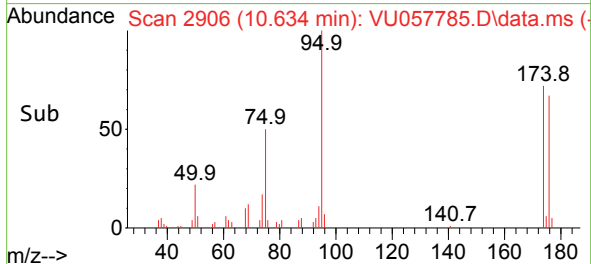
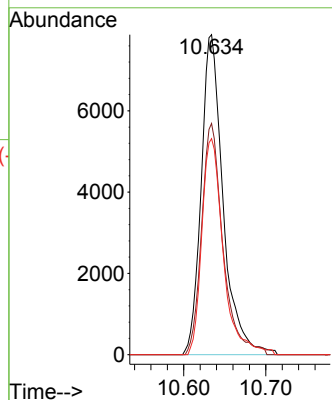
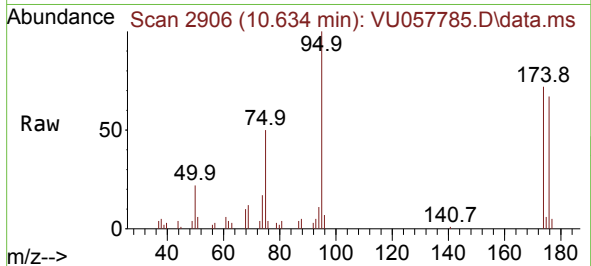




#57
4-Bromofluorobenzene
Concen: 0.941 ug/l
RT: 10.634 min Scan# 2905
Delta R.T. 0.004 min
Lab File: VU057785.D
Acq: 02 Feb 2024 10:16

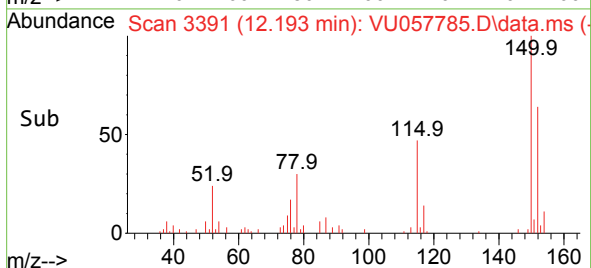
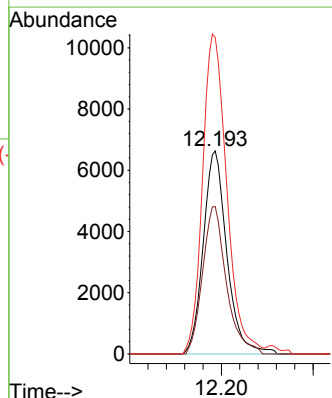
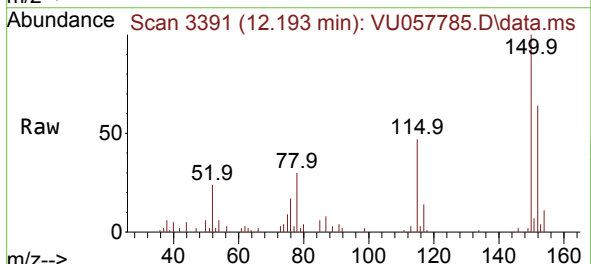
Instrument :
MSVOA_U
ClientSampleId :
VU0202WBL01

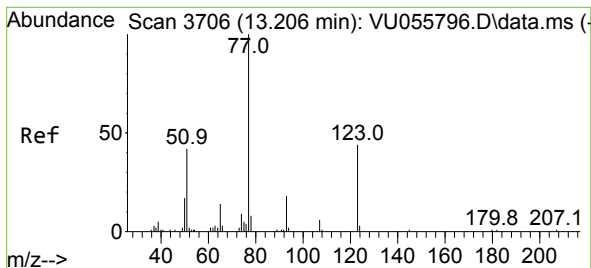
Tgt Ion: 95 Resp: 14627
Ion Ratio Lower Upper
95 100
174 70.4 63.3 94.9
176 66.0 59.3 88.9



#68
1,2-Dichlorobenzene-d4
Concen: 0.848 ug/l
RT: 12.193 min Scan# 3391
Delta R.T. 0.003 min
Lab File: VU057785.D
Acq: 02 Feb 2024 10:16

Tgt Ion: 152 Resp: 11874
Ion Ratio Lower Upper
152 100
115 73.1 0.0 308.8
150 161.1 0.0 635.0

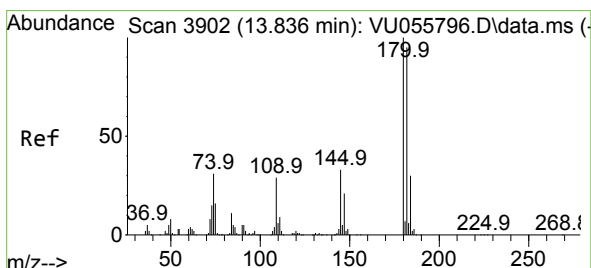
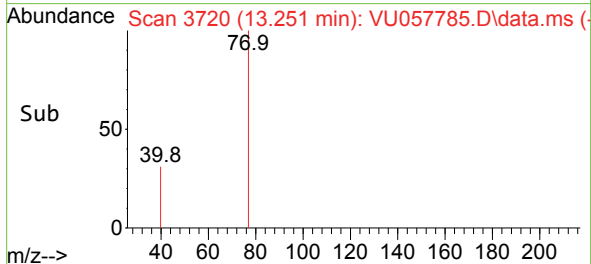
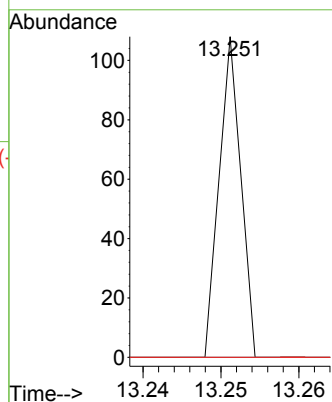
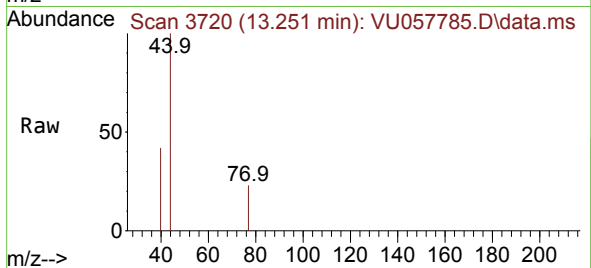




#80
Nitrobenzene
Concen: 3.111 ug/l
RT: 13.251 min Scan# 31
Delta R.T. 0.045 min
Lab File: VU057785.D
Acq: 02 Feb 2024 10:16

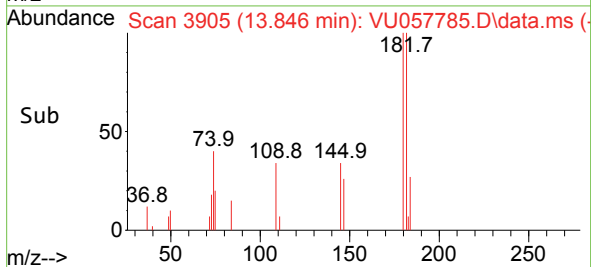
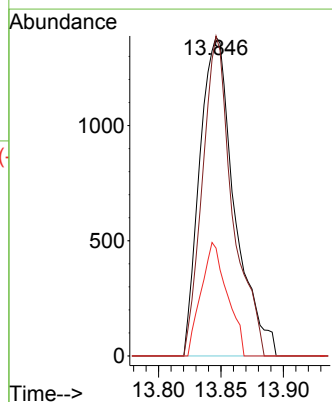
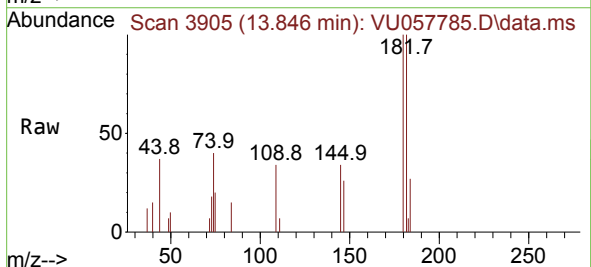
Instrument :
MSVOA_U
ClientSampleId :
VU0202WBL01

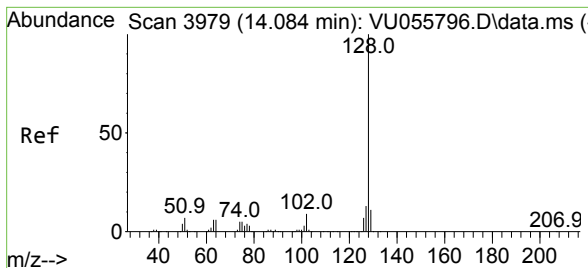
Tgt Ion: 77 Resp: 21
Ion Ratio Lower Upper
77 100
123 0.0 19.7 69.7#
65 0.0 11.5 14.7#



#87
1,2,4-Trichlorobenzene
Concen: 0.214 ug/l
RT: 13.846 min Scan# 3905
Delta R.T. 0.010 min
Lab File: VU057785.D
Acq: 02 Feb 2024 10:16

Tgt Ion:180 Resp: 2684
Ion Ratio Lower Upper
180 100
182 86.6 75.8 113.6
145 26.6 23.9 35.9





#89

Naphthalene

Concen: 0.301 ug/l

RT: 14.094 min Scan# 3979

Delta R.T. 0.010 min

Lab File: VU057785.D

Acq: 02 Feb 2024 10:16

Instrument :

MSVOA_U

ClientSampleId :

VU0202WBL01

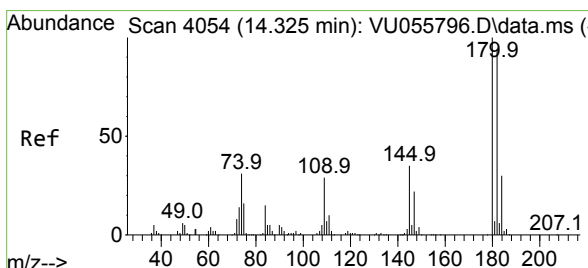
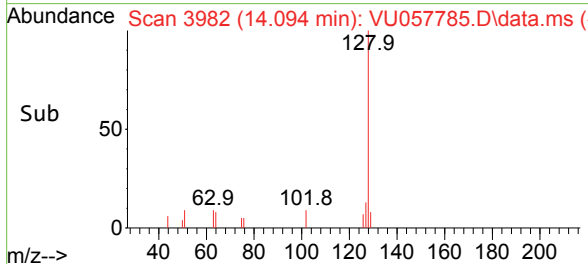
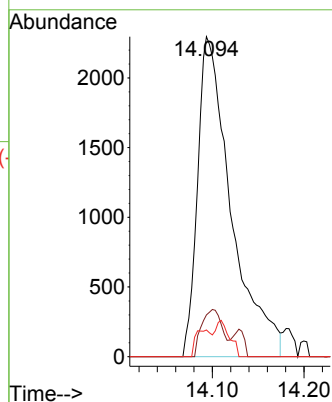
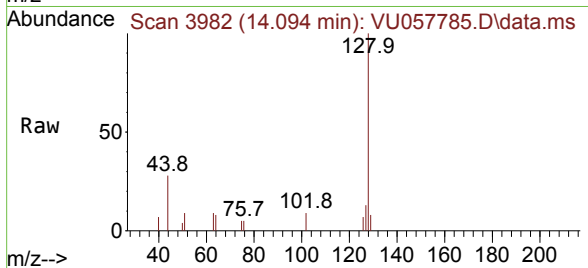
Tgt Ion:128 Resp: 5825

Ion Ratio Lower Upper

128 100

127 9.0 10.9 16.3#

129 4.0 8.6 12.8#



#90

1,2,3-Trichlorobenzene

Concen: 0.253 ug/l

RT: 14.328 min Scan# 4055

Delta R.T. 0.003 min

Lab File: VU057785.D

Acq: 02 Feb 2024 10:16

Tgt Ion:180 Resp: 2639

Ion Ratio Lower Upper

180 100

182 91.3 75.7 113.5

145 38.8 26.1 39.1

