

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101321\
 Data File : VU045306.D
 Acq On : 13 Oct 2021 13:57
 Operator : SY/MD
 Sample : VU1013WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 14 05:50:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101321DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Oct 14 05:46:27 2021
 Response via : Initial Calibration

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

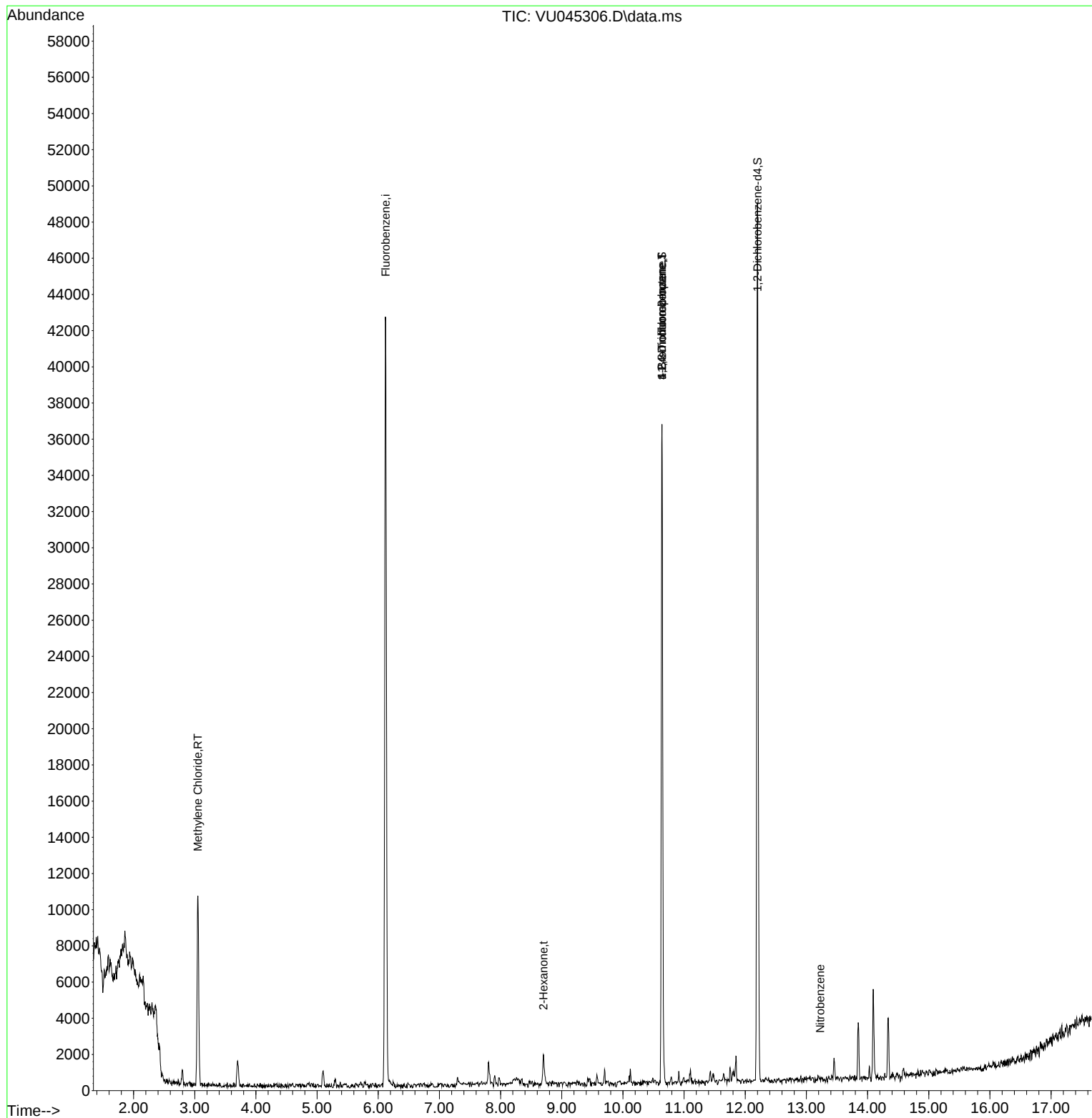
Internal Standards						
1) Fluorobenzene	6.121	96	39265	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	13181	0.914	ug/l	0.00
Spiked Amount 1.000			Recovery	=	91.000%	
68) 1,2-Dichlorobenzene-d4	12.201	152	12361	0.916	ug/l	0.00
Spiked Amount 1.000			Recovery	=	92.000%	
Target Compounds						
15) Methylene Chloride	3.051	84	4898	0.396	ug/l	87
46) t-1,4-Dichloro-2-butene	10.639	75	6934	2.455	ug/l #	22
54) 2-Hexanone	8.700	43	1561	0.252	ug/l	85
71) 1,2,3-Trichloropropane	10.639	75	6934	0.773	ug/l #	39
80) Nitrobenzene	13.224	77	68	0.219	ug/l #	42

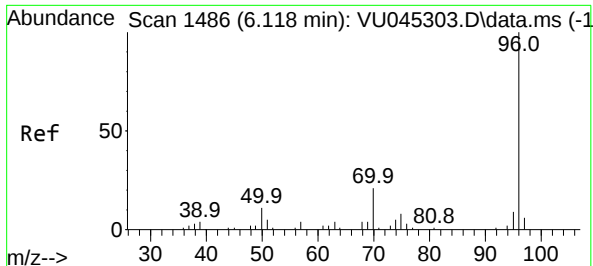
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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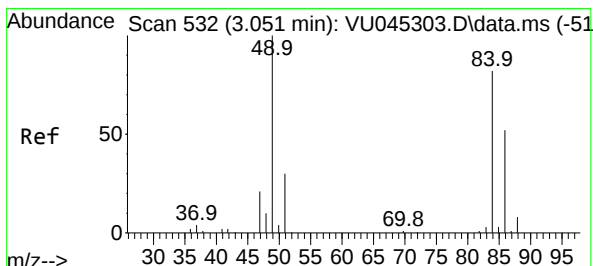
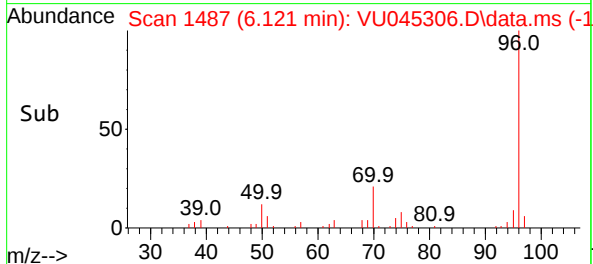
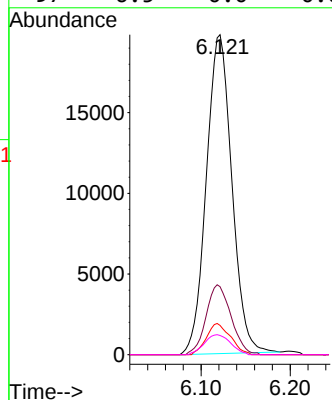
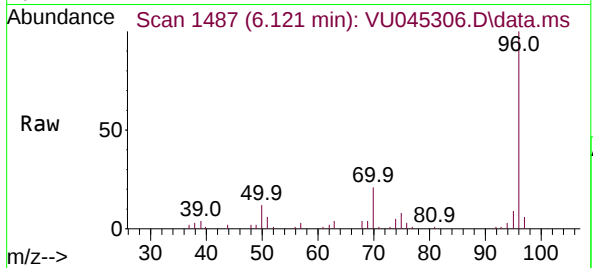




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.121 min Scan# 1487
Delta R.T. 0.003 min
Lab File: VU045306.D
Acq: 13 Oct 2021 13:57

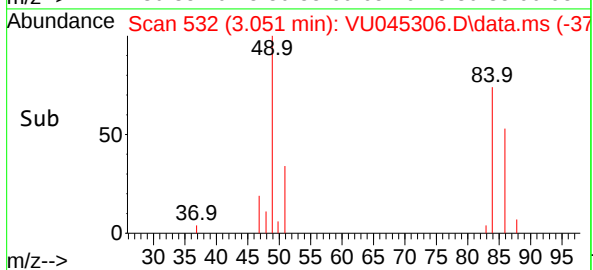
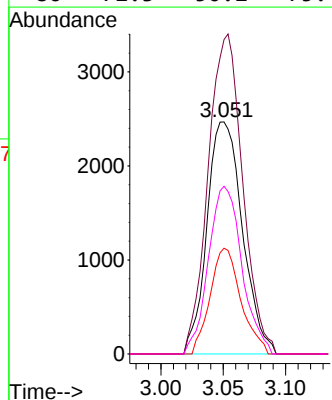
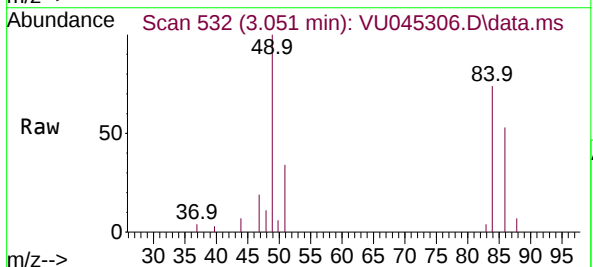
Instrument :
MSVOA_U
ClientSampled :

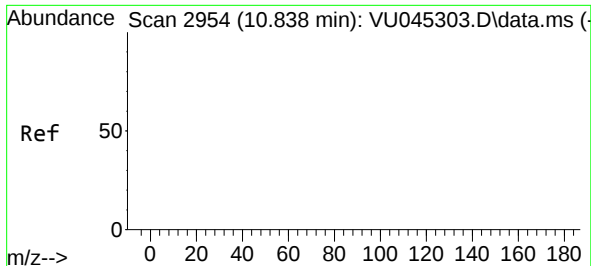
Tgt Ion: 96	Resp: 39265
Ion Ratio	Lower Upper
96 100	
70 21.4	16.8 25.2
95 9.2	7.3 10.9
97 6.5	0.0 0.0#



#15
Methylene Chloride
Concen: 0.396 ug/l
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU045306.D
Acq: 13 Oct 2021 13:57

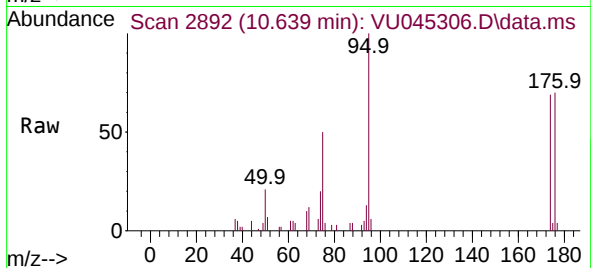
Tgt Ion: 84	Resp: 4898
Ion Ratio	Lower Upper
84 100	
49 135.5	97.2 145.8
51 45.6	0.0 73.4
86 72.3	50.2 75.4



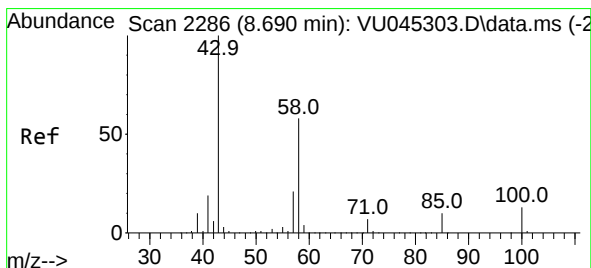
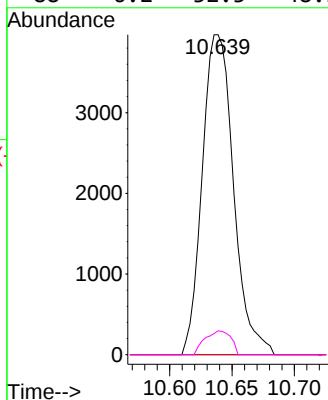
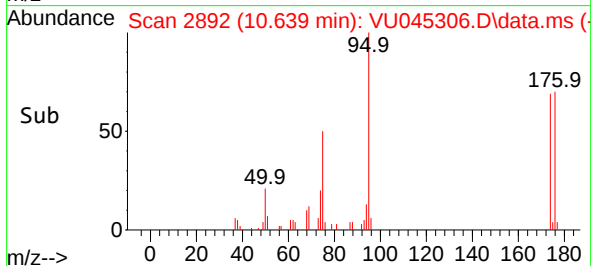


#46
t-1,4-Dichloro-2-butene
Concen: 2.455 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.199 min
Lab File: VU045306.D
Acq: 13 Oct 2021 13:57

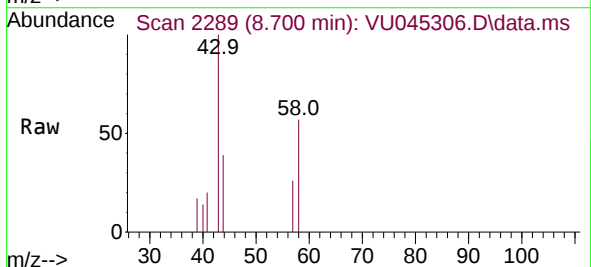
Instrument :
MSVOA_U
ClientSampleId :



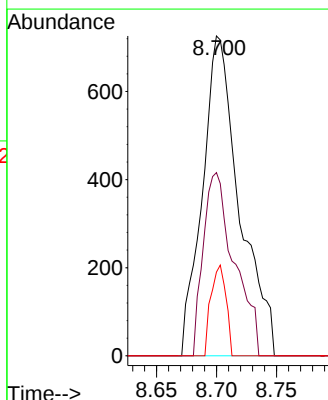
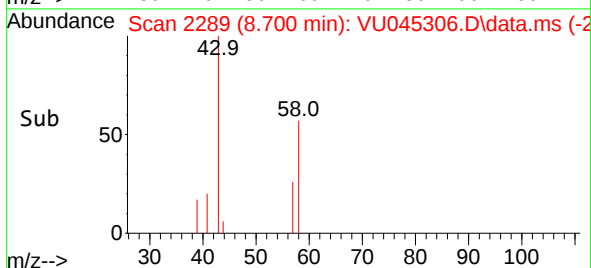
Tgt Ion: 75 Resp: 6934
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 41.7 62.5#
88 6.2 32.3 48.5#

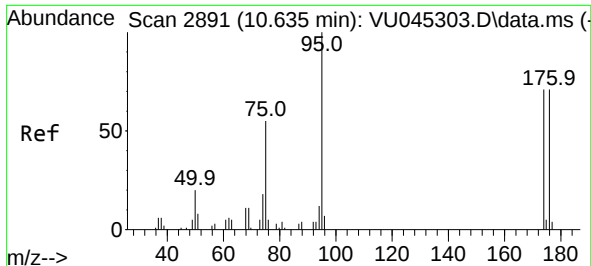


#54
2-Hexanone
Concen: 0.252 ug/l
RT: 8.700 min Scan# 2289
Delta R.T. 0.010 min
Lab File: VU045306.D
Acq: 13 Oct 2021 13:57



Tgt Ion: 43 Resp: 1561
Ion Ratio Lower Upper
43 100
58 47.9 37.7 77.7
57 11.5 0.5 40.5

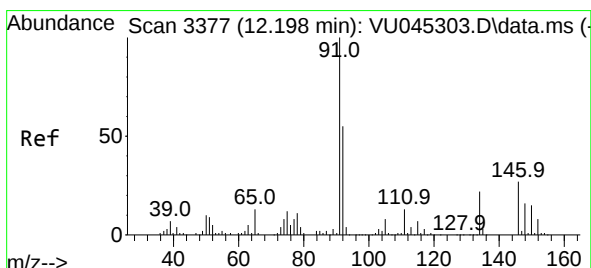
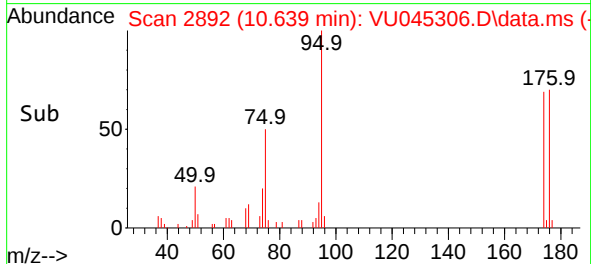
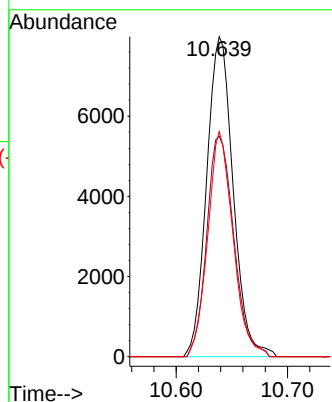
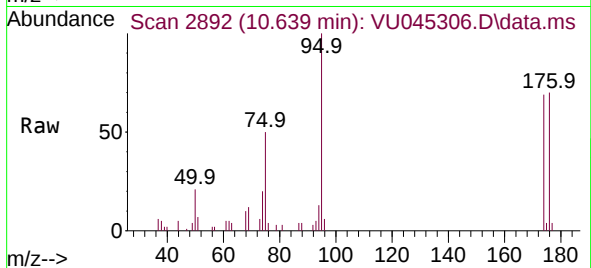




#57
4-Bromofluorobenzene
Concen: 0.914 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.003 min
Lab File: VU045306.D
Acq: 13 Oct 2021 13:57

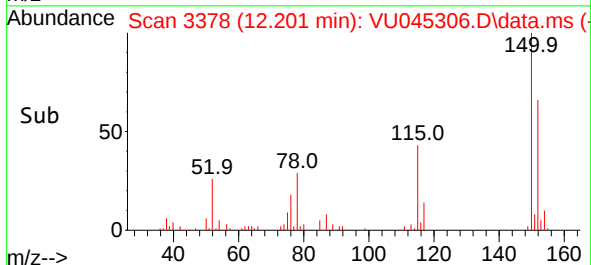
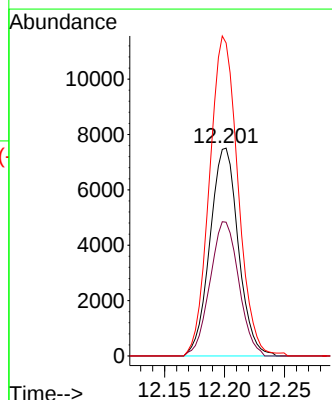
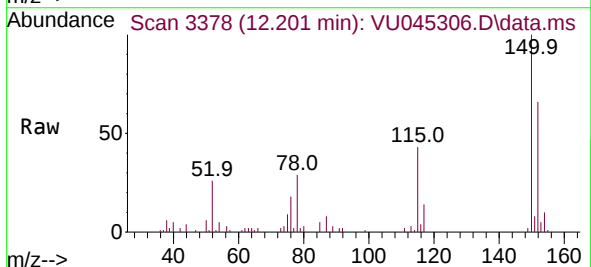
Instrument :
MSVOA_U
ClientSampled :

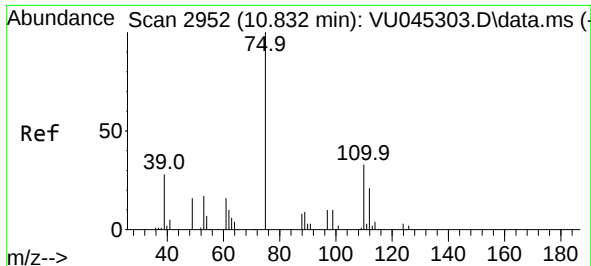
Tgt Ion: 95 Resp: 13181
Ion Ratio Lower Upper
95 100
174 70.4 56.6 84.8
176 67.3 54.3 81.5



#68
1,2-Dichlorobenzene-d4
Concen: 0.916 ug/l
RT: 12.201 min Scan# 3378
Delta R.T. 0.003 min
Lab File: VU045306.D
Acq: 13 Oct 2021 13:57

Tgt Ion: 152 Resp: 12361
Ion Ratio Lower Upper
152 100
115 65.3 0.0 251.0
150 154.3 0.0 613.8

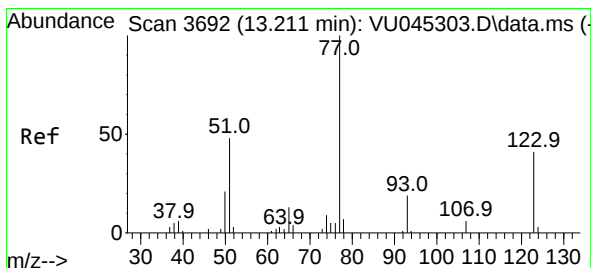
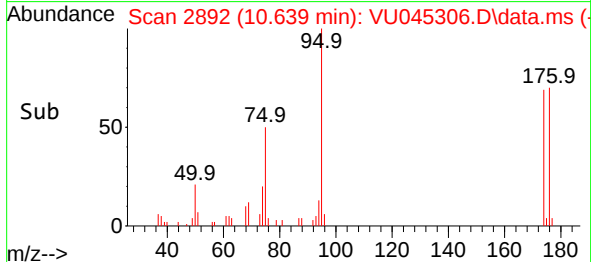
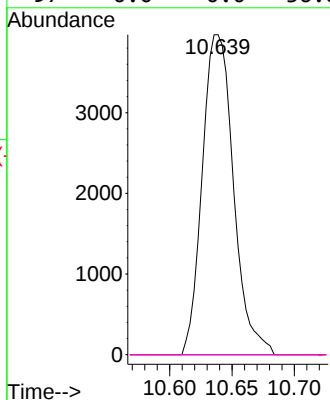
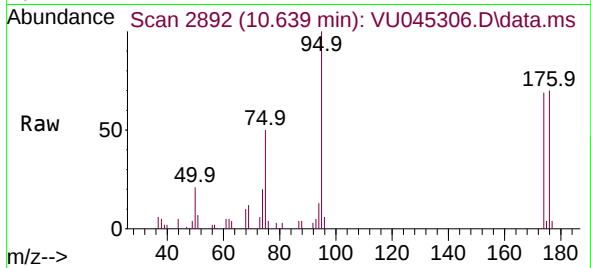




#71
1,2,3-Trichloropropane
Concen: 0.773 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU045306.D
Acq: 13 Oct 2021 13:57

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:	75	Resp:	6934
Ion	Ratio	Lower	Upper
75	100		
77	4.0	0.0	105.6
110	0.0	0.0	71.2
97	0.0	0.0	36.8



#80
Nitrobenzene
Concen: 0.219 ug/l
RT: 13.224 min Scan# 3696
Delta R.T. 0.013 min
Lab File: VU045306.D
Acq: 13 Oct 2021 13:57

Tgt Ion:	77	Resp:	68
Ion	Ratio	Lower	Upper
77	100		
123	0.0	18.2	64.4#
65	0.0	12.0	15.2#

