

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090121\
 Data File : VU044543.D
 Acq On : 01 Sep 2021 10:27
 Operator : SY/MD
 Sample : VU0901WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 02 11:43:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U083121DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Sep 01 01:29:46 2021
 Response via : Initial Calibration

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

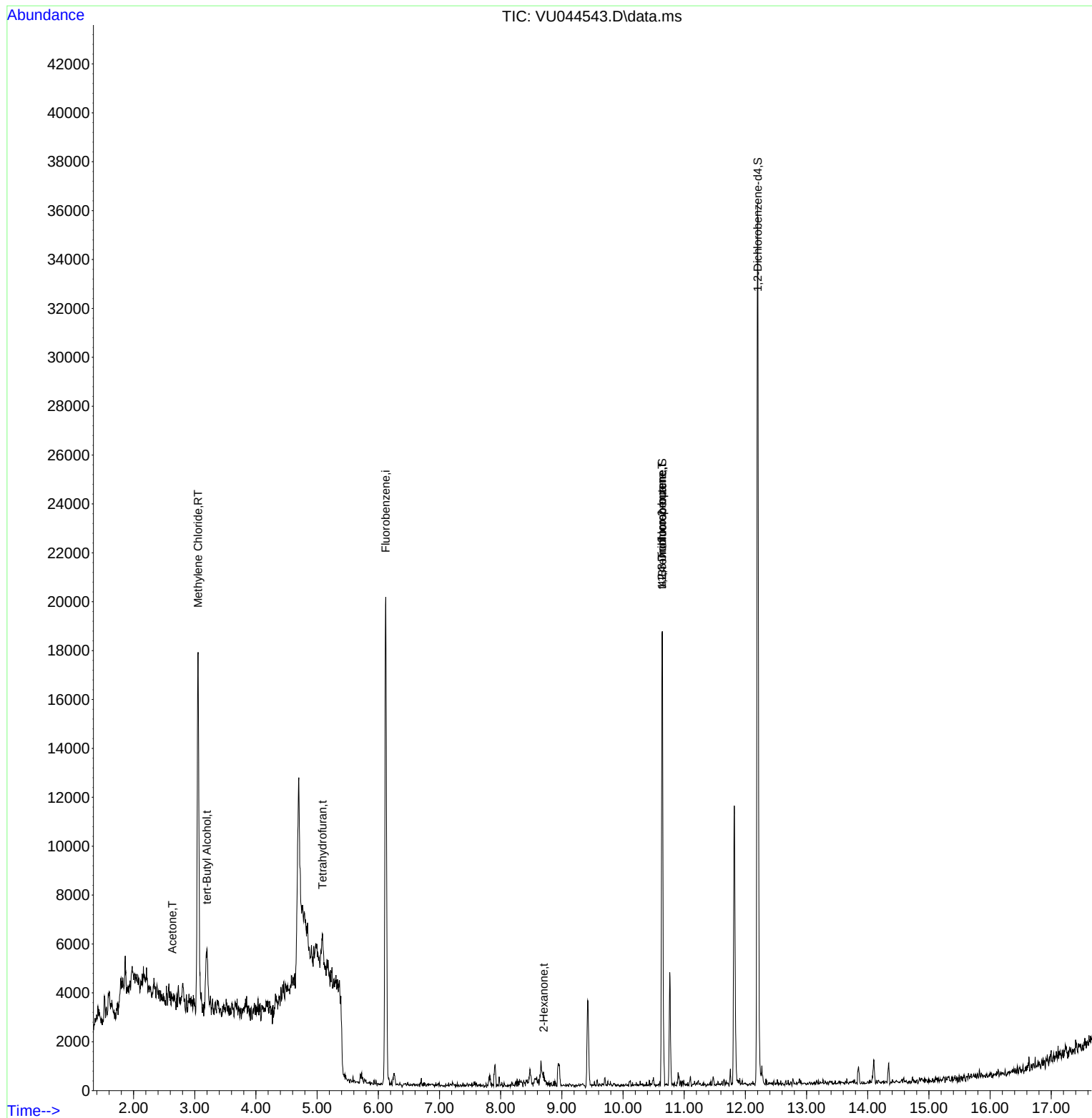
Internal Standards						
1) Fluorobenzene	6.121	96	19492	1.00	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.642	95	5993	0.80	ug/l	0.00
Spiked Amount 1.000			Recovery	=	80.00%	
68) 1,2-Dichlorobenzene-d4	12.201	152	10405	1.20	ug/l	0.00
Spiked Amount 1.000			Recovery	=	120.00%	
Target Compounds						
						Qvalue
13) Acetone	2.636	43	364	0.38	ug/l #	39
15) Methylene Chloride	3.054	84	7609	0.53	ug/l	93
24) tert-Butyl Alcohol	3.198	59	1713	4.98	ug/l #	77
41) Tetrahydrofuran	5.086	42	303	0.22	ug/l #	25
46) t-1,4-Dichloro-2-butene	10.639	75	3403	2.41	ug/l #	21
54) 2-Hexanone	8.703	43	587	0.25	ug/l #	37
71) 1,2,3-Trichloropropane	10.639	75	3403	0.76	ug/l #	29

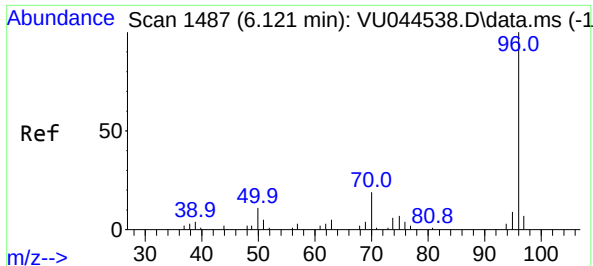
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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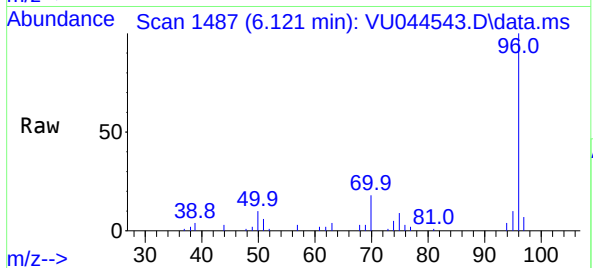
Quant Time: Sep 02 11:43:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U083121DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Sep 01 01:29:46 2021
Response via : Initial Calibration



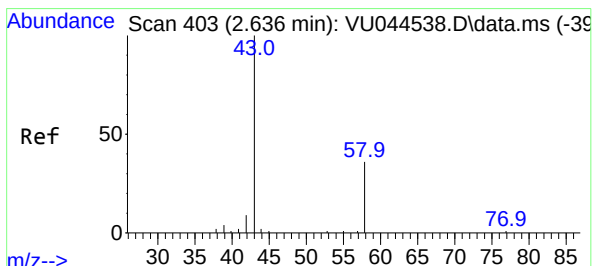
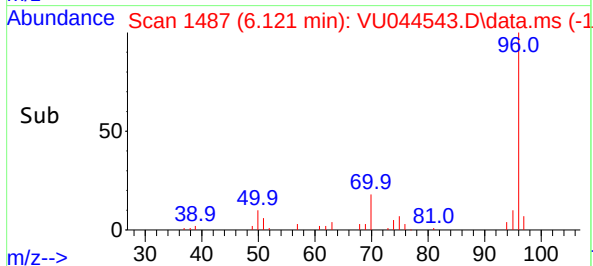
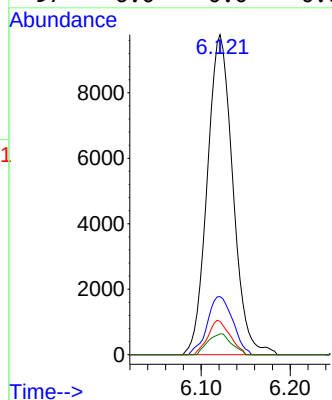


#1
Fluorobenzene
Concen: 1.00 ug/l
RT: 6.121 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VU044543.D
Acq: 01 Sep 2021 10:27

Instrument :
MSVOA_U
ClientSampled :

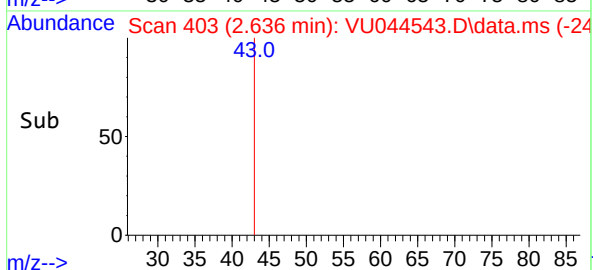
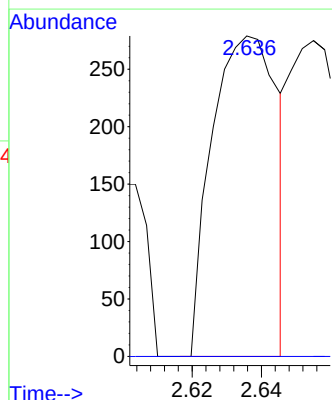
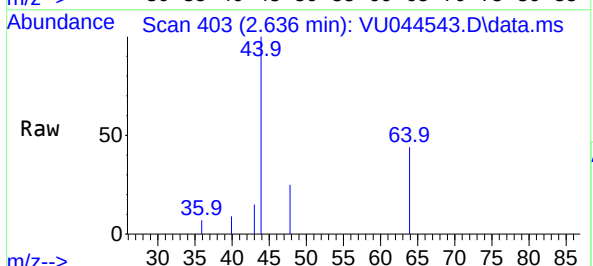


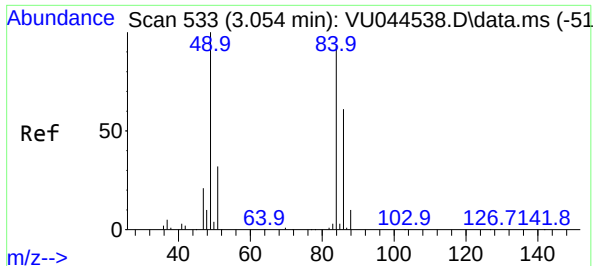
Tgt Ion:	96	Resp:	19492
Ion	Ratio	Lower	Upper
96	100		
70	18.1	16.2	24.2
95	9.2	7.0	10.6
97	6.0	0.0	0.0



#13
Acetone
Concen: 0.38 ug/l
RT: 2.636 min Scan# 403
Delta R.T. -0.000 min
Lab File: VU044543.D
Acq: 01 Sep 2021 10:27

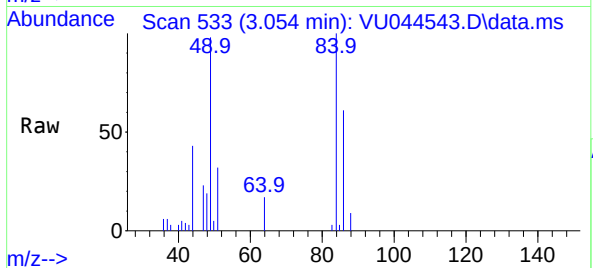
Tgt Ion:	43	Resp:	364
Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.5	42.7





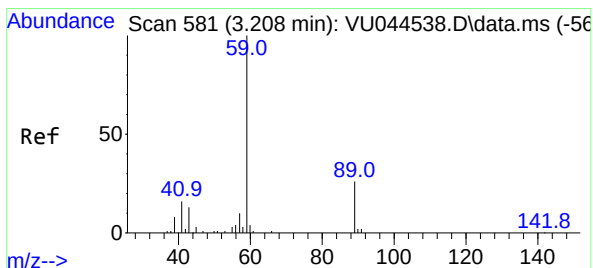
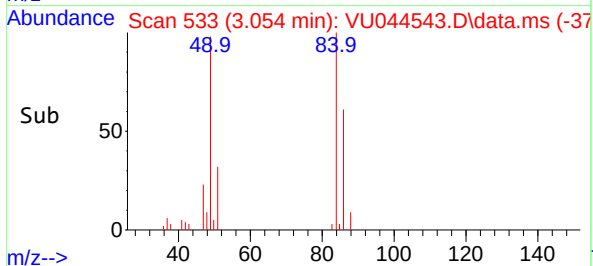
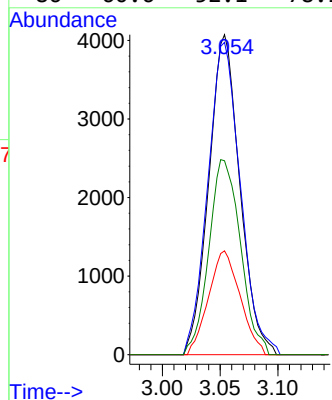
#15
Methylene Chloride
Concen: 0.53 ug/l
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU044543.D
Acq: 01 Sep 2021 10:27

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 7609

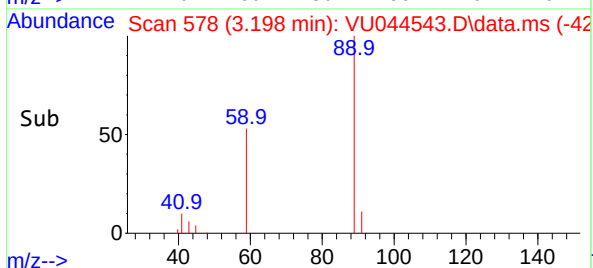
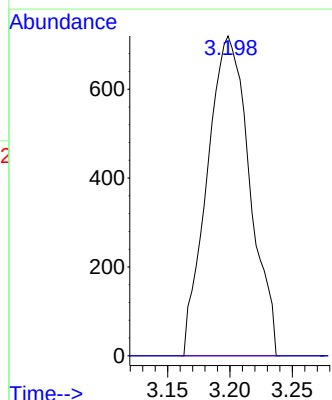
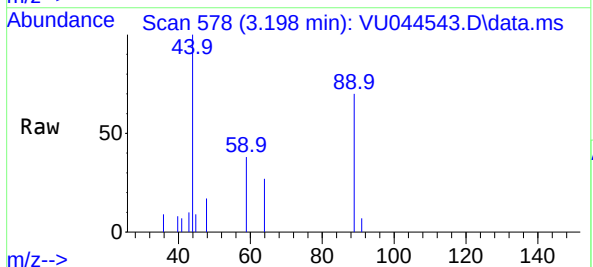
Ion	Ratio	Lower	Upper
84	100		
49	97.6	85.6	128.4
51	32.4	0.0	67.6
86	60.6	52.1	78.1

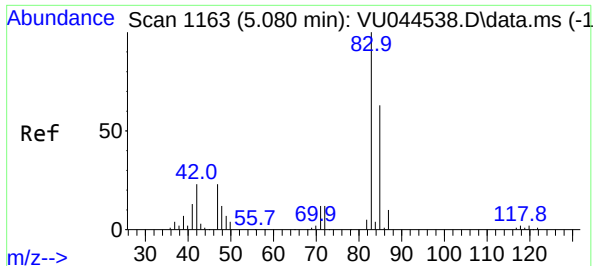


#24
tert-Butyl Alcohol
Concen: 4.98 ug/l
RT: 3.198 min Scan# 578
Delta R.T. -0.010 min
Lab File: VU044543.D
Acq: 01 Sep 2021 10:27

Tgt Ion: 59 Resp: 1713

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.6	9.8#





#41

Tetrahydrofuran

Concen: 0.22 ug/l

RT: 5.086 min Scan# 1165

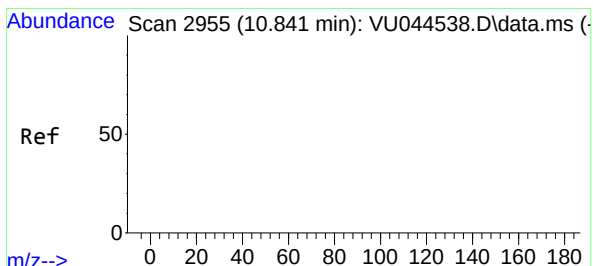
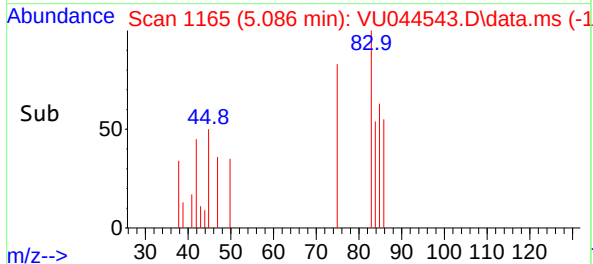
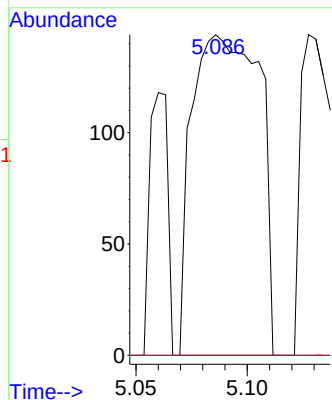
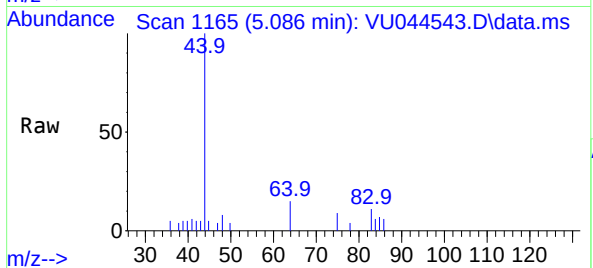
Delta R.T. 0.006 min

Lab File: VU044543.D

Acq: 01 Sep 2021 10:27

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:	42	Resp:	303
Ion	Ratio	Lower	Upper
42	100		
72	0.0	42.6	63.8#
71	0.0	43.8	65.6#



#46

t-1,4-Dichloro-2-butene

Concen: 2.41 ug/l

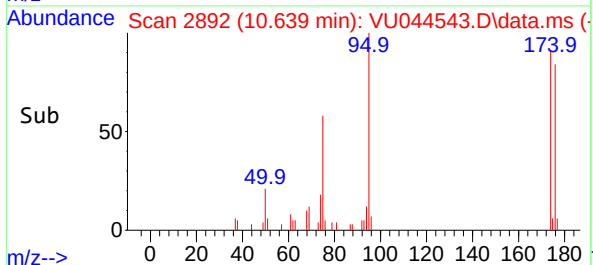
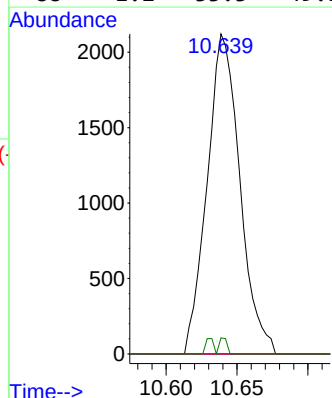
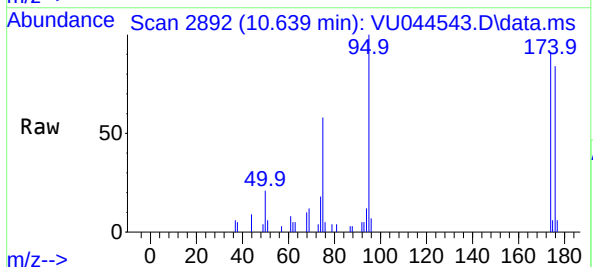
RT: 10.639 min Scan# 2892

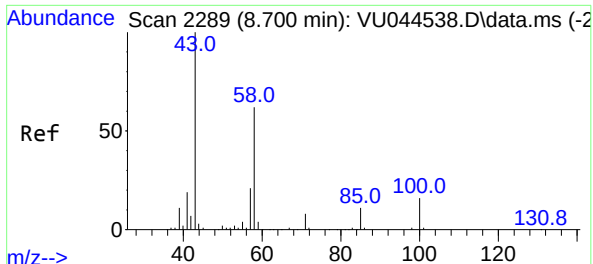
Delta R.T. -0.203 min

Lab File: VU044543.D

Acq: 01 Sep 2021 10:27

Tgt Ion:	75	Resp:	3403
Ion	Ratio	Lower	Upper
75	100		
53	0.0	64.0	96.0#
89	0.0	42.1	63.1#
88	1.2	33.3	49.9#

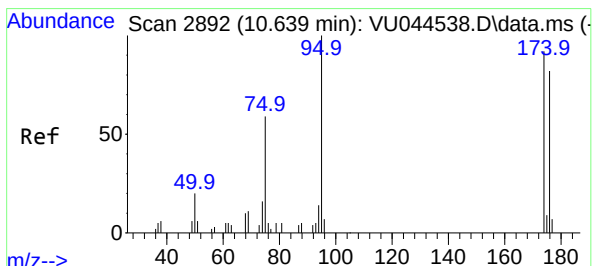
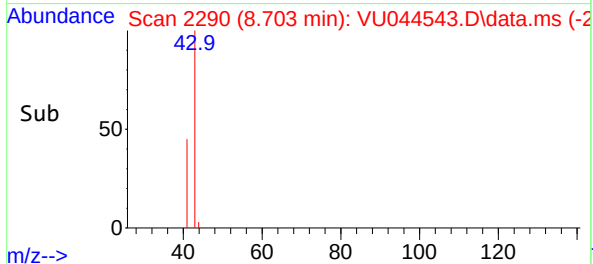
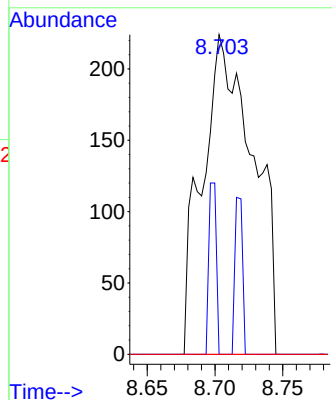
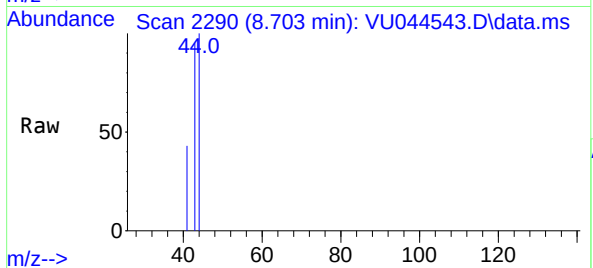




#54
2-Hexanone
Concen: 0.25 ug/l
RT: 8.703 min Scan# 2290
Delta R.T. 0.003 min
Lab File: VU044543.D
Acq: 01 Sep 2021 10:27

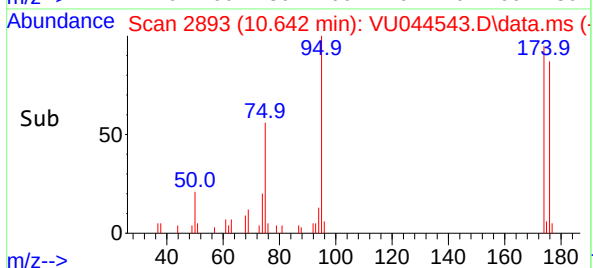
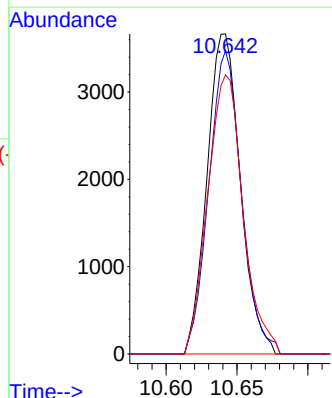
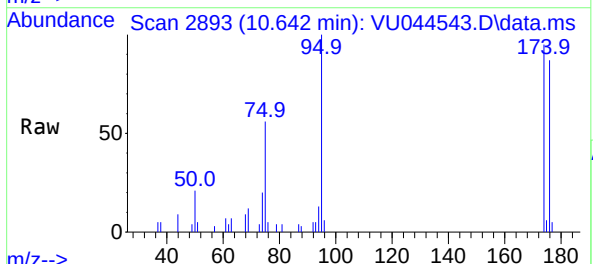
Instrument :
MSVOA_U
ClientSampled :

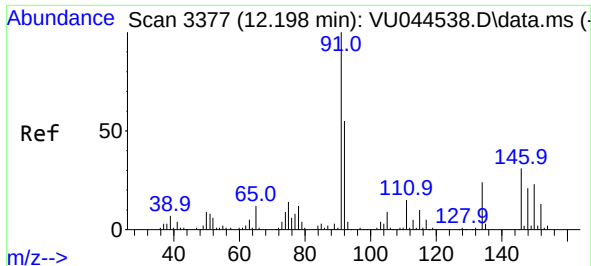
Tgt Ion: 43 Resp: 587
Ion Ratio Lower Upper
43 100
58 7.8 40.6 80.6#
57 0.0 0.9 40.9#



#57
4-Bromofluorobenzene
Concen: 0.80 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.003 min
Lab File: VU044543.D
Acq: 01 Sep 2021 10:27

Tgt Ion: 95 Resp: 5993
Ion Ratio Lower Upper
95 100
174 92.7 65.9 98.9
176 92.0 63.0 94.4

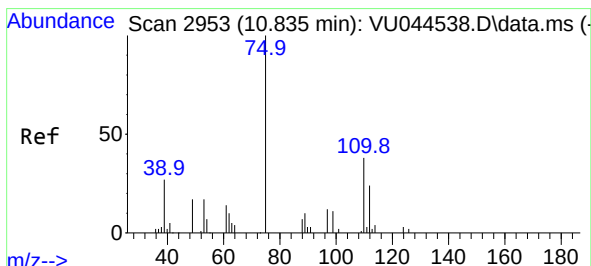
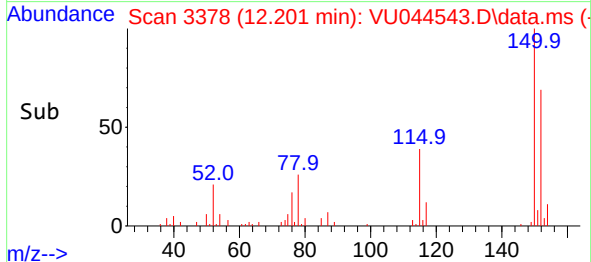
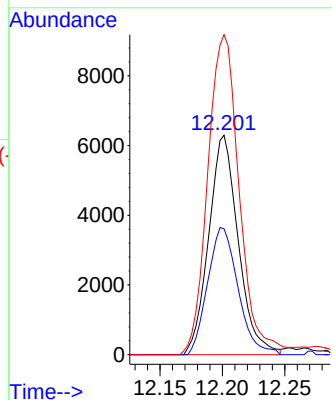
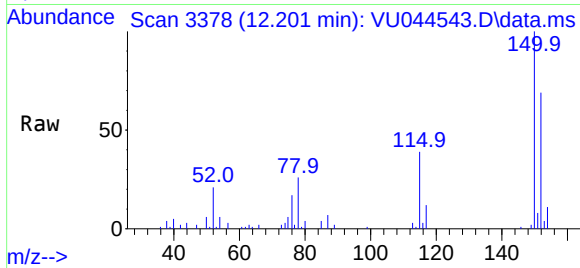




#68
1,2-Dichlorobenzene-d4
Concen: 1.20 ug/l
RT: 12.201 min Scan# 3378
Delta R.T. 0.003 min
Lab File: VU044543.D
Acq: 01 Sep 2021 10:27

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:152 Resp: 10405
Ion Ratio Lower Upper
152 100
115 59.5 0.0 277.8
150 155.5 0.0 674.2



#71
1,2,3-Trichloropropane
Concen: 0.76 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.196 min
Lab File: VU044543.D
Acq: 01 Sep 2021 10:27

Tgt Ion: 75 Resp: 3403
Ion Ratio Lower Upper
75 100
77 0.0 0.0 120.8
110 0.0 0.0 97.4
97 0.0 0.0 49.2

