

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031021\
 Data File : VU042550.D
 Acq On : 10 Mar 2021 11:47
 Operator : SY/MD
 Sample : VU0310WBL05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK27

Quant Time: Mar 11 06:24:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U030921DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Mar 10 06:46:59 2021
 Response via : Initial Calibration

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

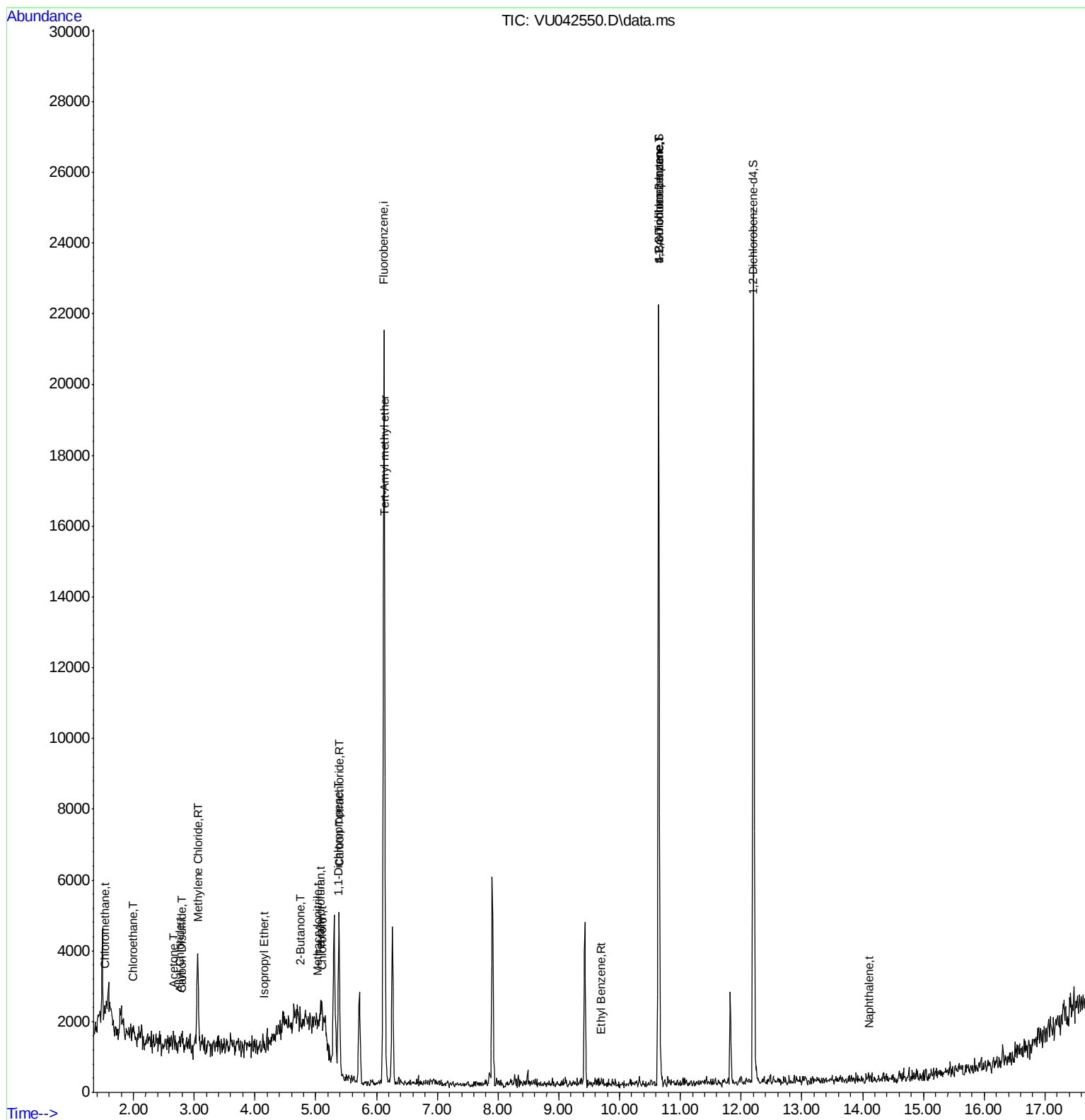
Internal Standards						
1) Fluorobenzene	6.124	96	18791	1.00	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.642	95	6695	0.81	ug/l	0.00
Spiked Amount	1.000		Recovery	=	81.00%	
68) 1,2-Dichlorobenzene-d4	12.201	152	6873	0.80	ug/l	0.00
Spiked Amount	1.000		Recovery	=	80.00%	
Target Compounds						
						Qvalue
3) Chloromethane	1.530	50	252	0.04	ug/l #	43
6) Chloroethane	1.999	64	42	0.01	ug/l #	44
11) Allyl Chloride	2.768	41	42	0.00	ug/l #	64
13) Acetone	2.658	43	88	0.11	ug/l #	49
14) Carbon Disulfide	2.800	76	133	0.01	ug/l #	74
15) Methylene Chloride	3.060	84	1014	0.18	ug/l #	81
18) 2-Butanone	4.745	43	66	0.04	ug/l	78
27) Chloroform	5.108	83	40	0.00	ug/l	18
29) 1,1-Dichloropropene	5.375	75	137	0.02	ug/l #	67
30) Carbon Tetrachloride	5.382	117	190	0.02	ug/l #	13
31) Isopropyl Ether	4.147	45	45	0.00	ug/l #	48
33) Tert-Amyl methyl ether	6.134	73	224	0.02	ug/l #	57
39) Methacrylonitrile	5.038	41	20	0.01	ug/l #	34
41) Tetrahydrofuran	5.076	42	45	0.04	ug/l #	35
46) t-1,4-Dichloro-2-butene	10.642	75	3856	3.18	ug/l #	12
63) Ethyl Benzene	9.700	91	64	0.00	ug/l #	44
71) 1,2,3-Trichloropropane	10.642	75	3856	0.82	ug/l #	36
89) Naphthalene	14.098	128	75	0.66	ug/l #	68

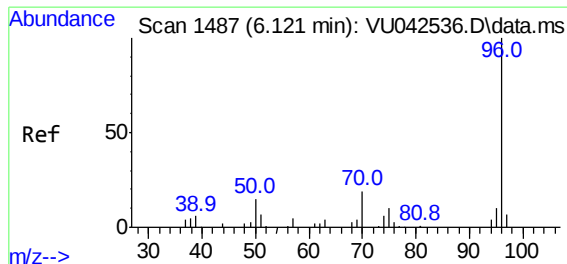
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : VU0310WBL05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK27

Quant Time: Mar 11 06:24:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U030921DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Mar 10 06:46:59 2021
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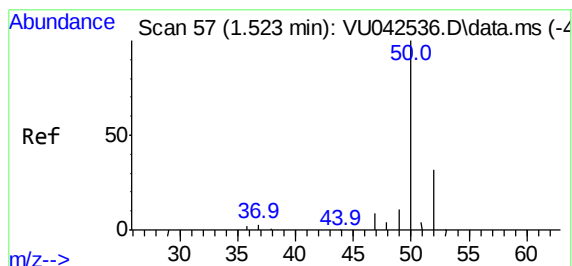
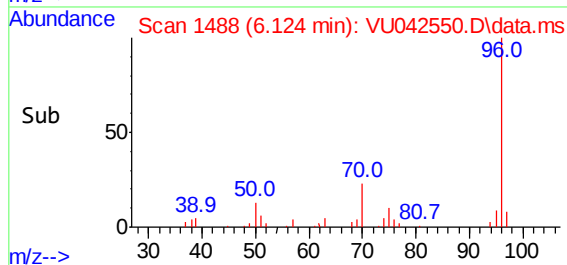
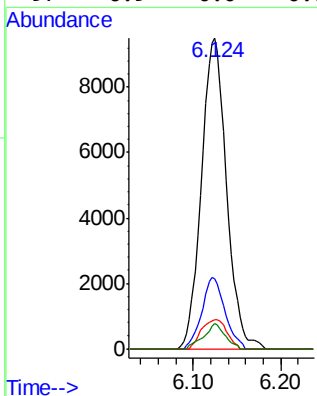
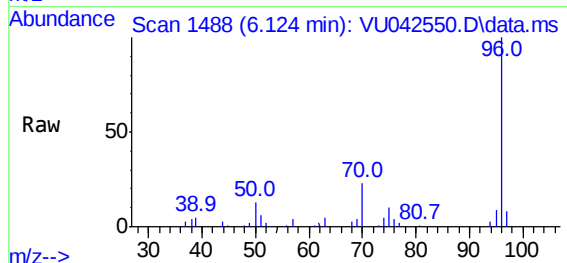




#1
Fluorobenzene
Concen: 1.00 ug/l
RT: 6.124 min Scan# 1488
Delta R.T. 0.003 min
Lab File: VU042550.D
Acq: 10 Mar 2021 11:47

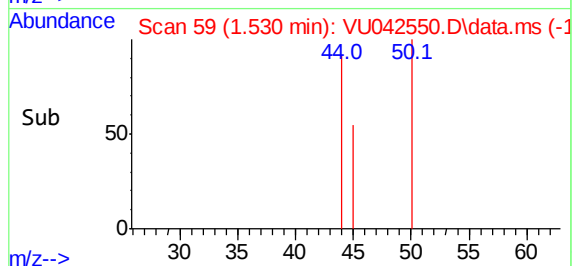
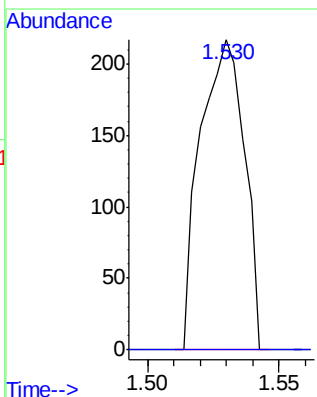
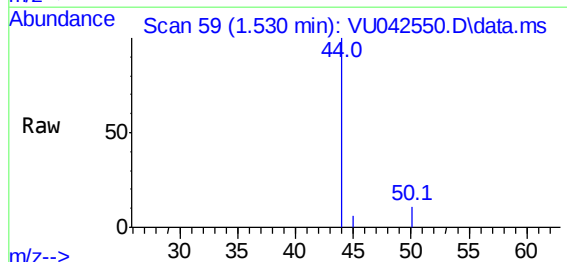
Instrument :
MSVOA_U
ClientSampleId :
VBLK27

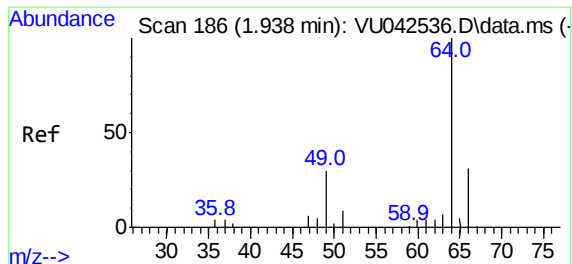
Tgt Ion: 96 Resp: 18791
Ion Ratio Lower Upper
96 100
70 21.1 16.3 24.5
95 9.4 7.0 10.4
97 6.9 0.0 0.0#



#3
Chloromethane
Concen: 0.04 ug/l
RT: 1.530 min Scan# 59
Delta R.T. 0.006 min
Lab File: VU042550.D
Acq: 10 Mar 2021 11:47

Tgt Ion: 50 Resp: 252
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

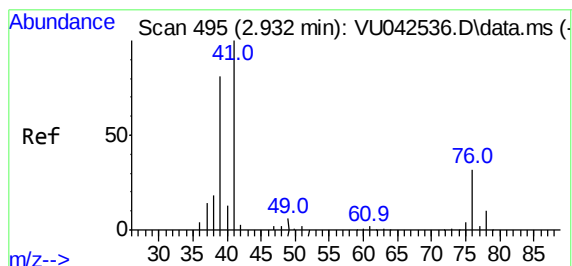
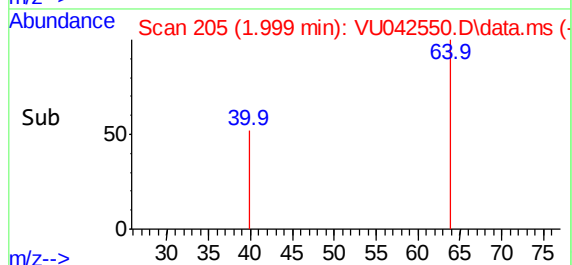
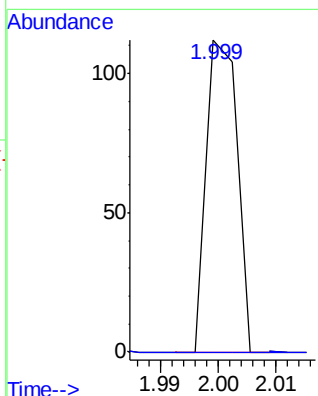
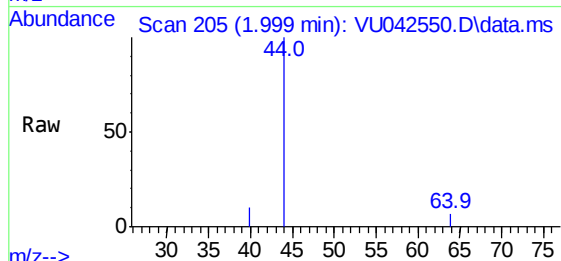




#6
Chloroethane
Concen: 0.01 ug/l
RT: 1.999 min Scan# 205
Delta R.T. 0.061 min
Lab File: VU042550.D
Acq: 10 Mar 2021 11:47

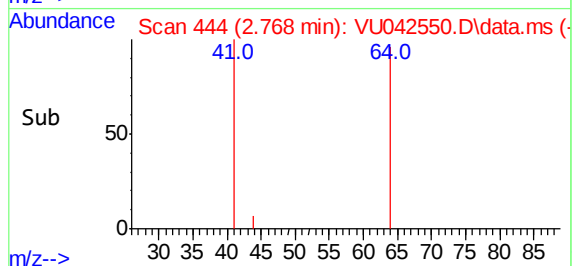
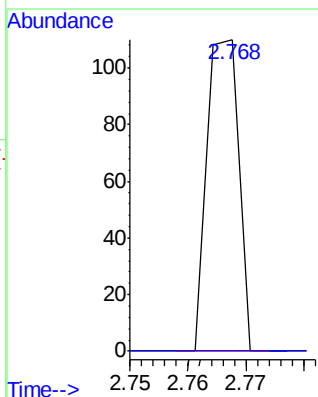
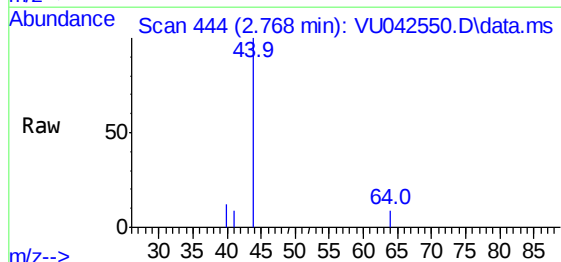
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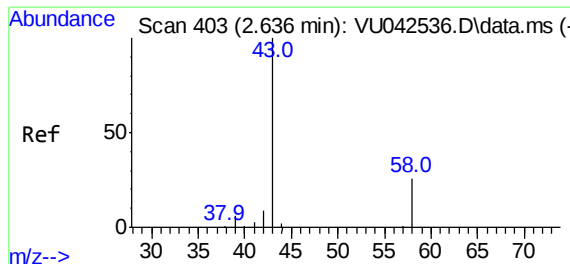
Tgt Ion: 64 Resp: 42
Ion Ratio Lower Upper
64 100
66 0.0 24.9 37.3#



#11
Allyl Chloride
Concen: 0.00 ug/l
RT: 2.768 min Scan# 444
Delta R.T. -0.164 min
Lab File: VU042550.D
Acq: 10 Mar 2021 11:47

Tgt Ion: 41 Resp: 42
Ion Ratio Lower Upper
41 100
39 50.0 65.9 98.9#

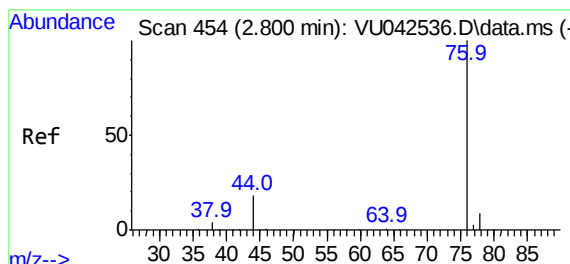
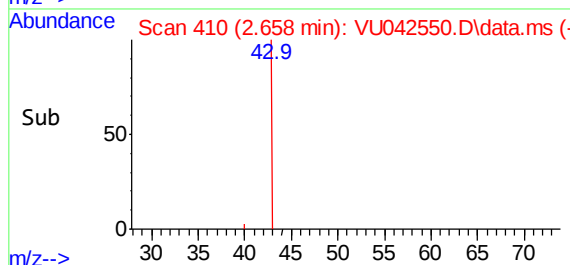
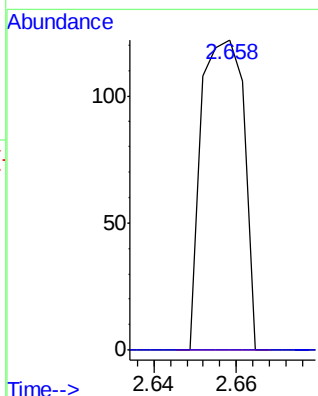
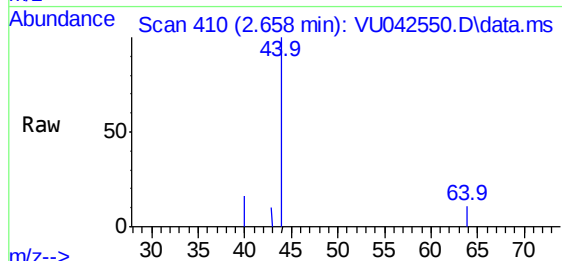




#13
Acetone
Concen: 0.11 ug/l
RT: 2.658 min Scan# 410
Delta R.T. 0.022 min
Lab File: VU042550.D
Acq: 10 Mar 2021 11:47

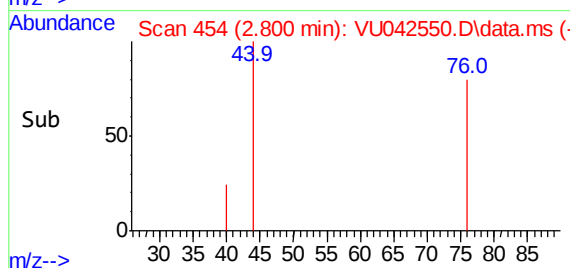
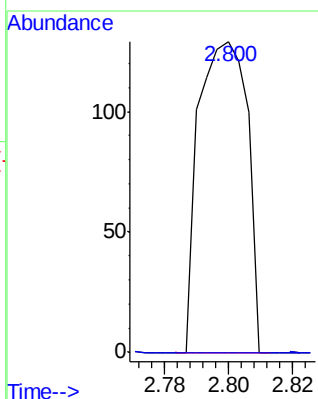
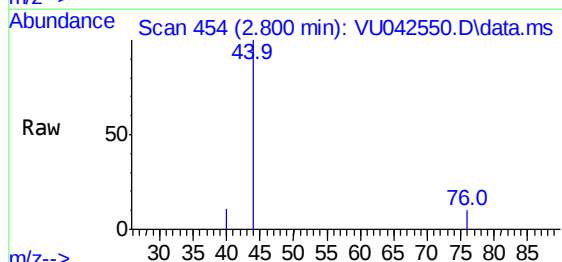
Instrument :
MSVOA_U
ClientSampleId :
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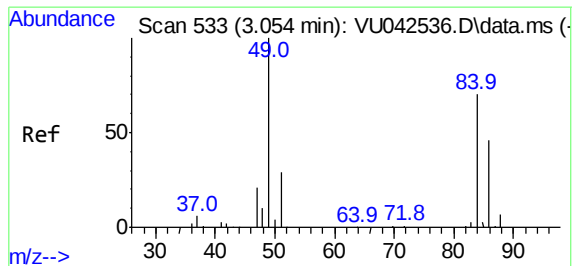
Tgt Ion: 43 Resp: 88
Ion Ratio Lower Upper
43 100
58 0.0 21.0 31.4#



#14
Carbon Disulfide
Concen: 0.01 ug/l
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU042550.D
Acq: 10 Mar 2021 11:47

Tgt Ion: 76 Resp: 133
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.2#

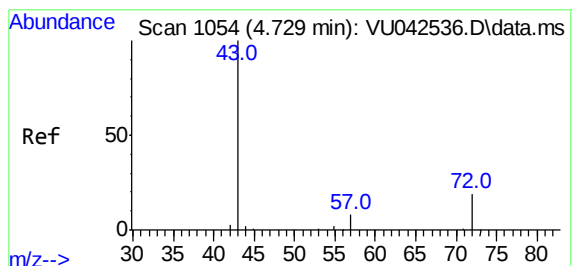
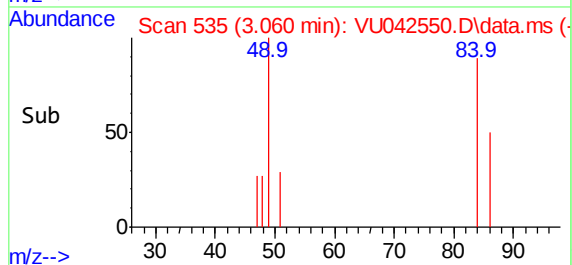
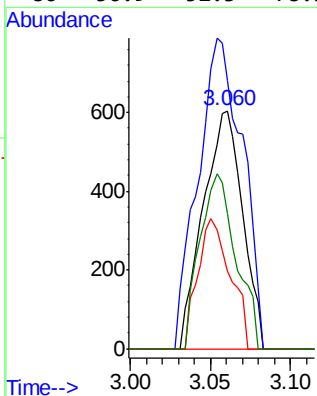
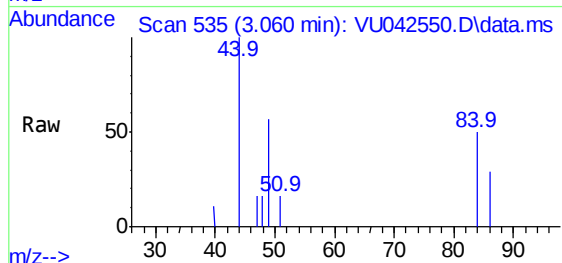




#15
Methylene Chloride
Concen: 0.18 ug/l
RT: 3.060 min Scan# 535
Delta R.T. 0.006 min
Lab File: VU042550.D
Acq: 10 Mar 2021 11:47

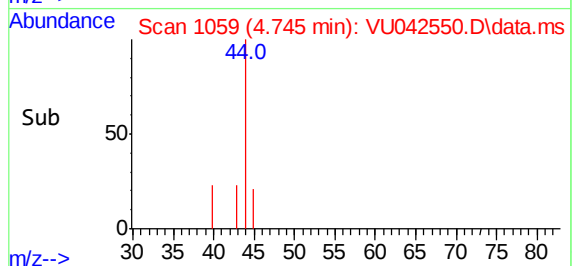
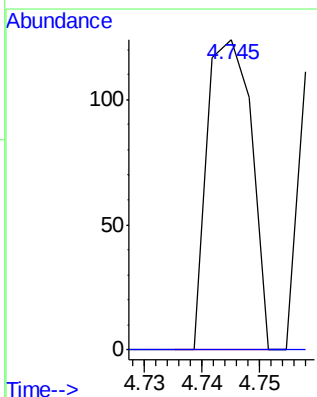
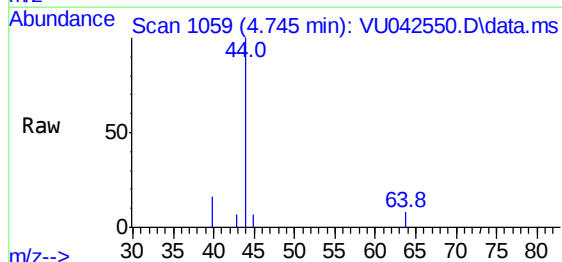
Instrument :
MSVOA_U
ClientSampleId :
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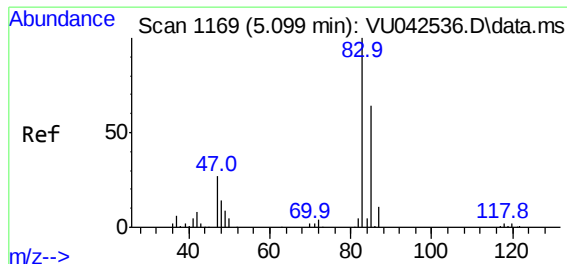
Tgt Ion: 84 Resp: 1014
Ion Ratio Lower Upper
84 100
49 112.9 114.6 172.0#
51 32.7 0.0 83.0
86 56.9 52.3 78.5



#18
2-Butanone
Concen: 0.04 ug/l
RT: 4.745 min Scan# 1059
Delta R.T. 0.016 min
Lab File: VU042550.D
Acq: 10 Mar 2021 11:47

Tgt Ion: 43 Resp: 66
Ion Ratio Lower Upper
43 100
57 0.0 0.0 15.8

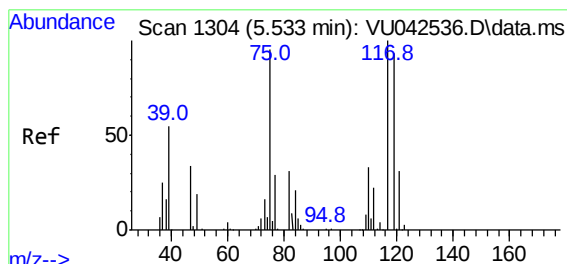
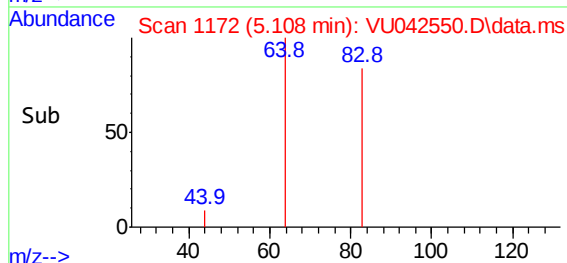
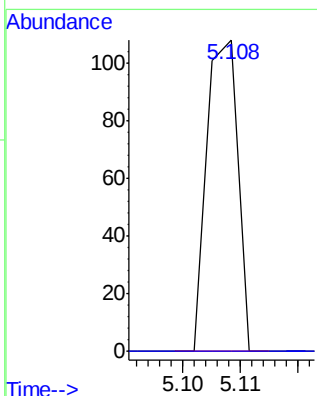
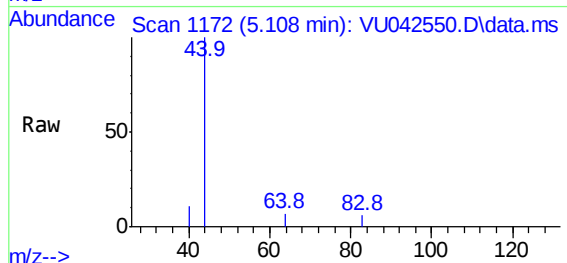




#27
Chloroform
Concen: 0.00 ug/l
RT: 5.108 min Scan# 1172
Delta R.T. 0.010 min
Lab File: VU042550.D
Acq: 10 Mar 2021 11:47

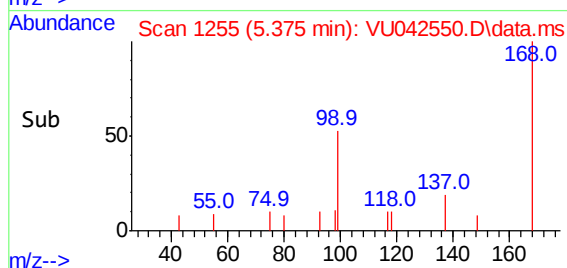
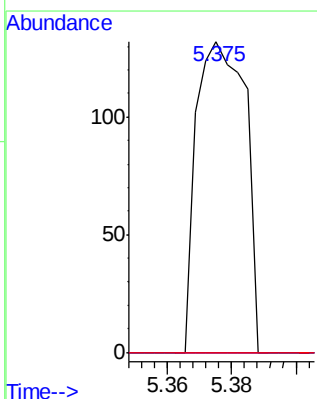
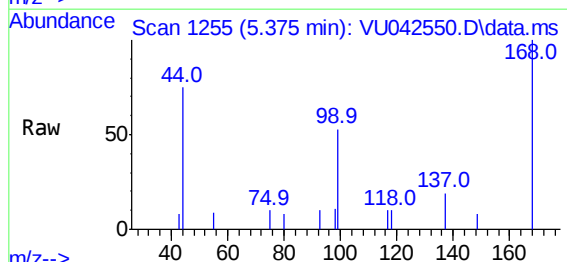
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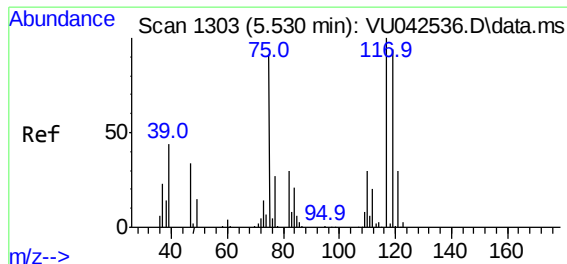
Tgt Ion: 83 Resp: 40
Ion Ratio Lower Upper
83 100
85 0.0 0.0 128.4



#29
1,1-Dichloropropene
Concen: 0.02 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.158 min
Lab File: VU042550.D
Acq: 10 Mar 2021 11:47

Tgt Ion: 75 Resp: 137
Ion Ratio Lower Upper
75 100
110 0.0 17.3 52.0#
77 29.9 25.0 37.6

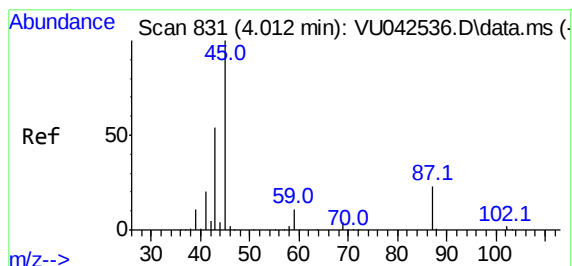
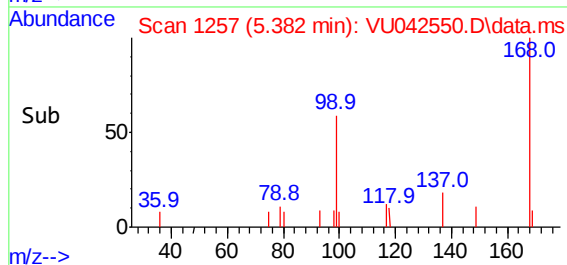
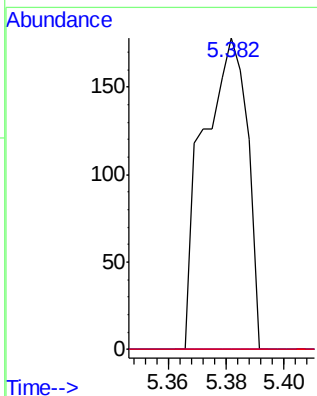
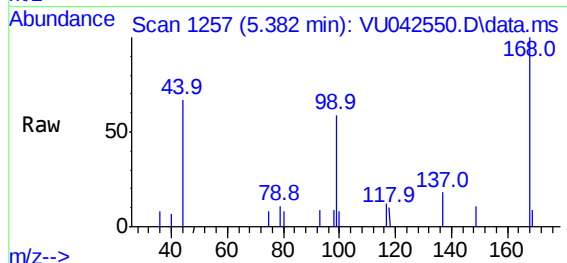




#30
Carbon Tetrachloride
Concen: 0.02 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.148 min
Lab File: VU042550.D
Acq: 10 Mar 2021 11:47

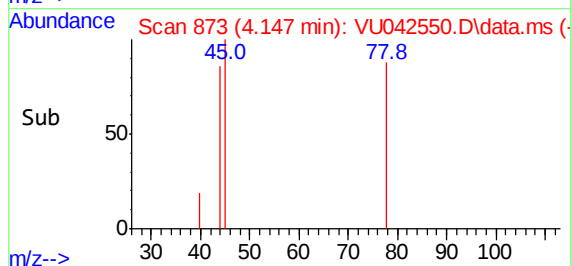
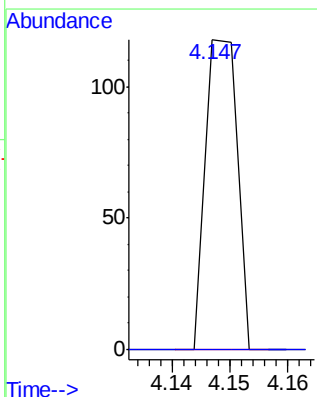
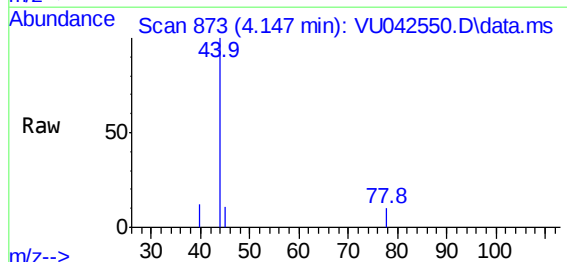
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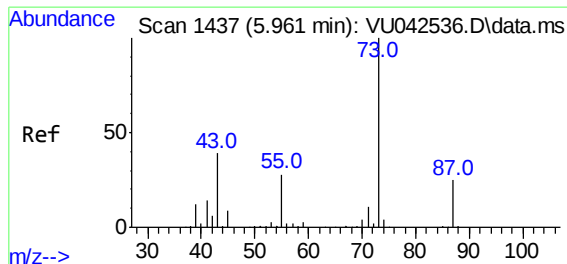
Tgt Ion:117 Resp: 190
Ion Ratio Lower Upper
117 100
119 0.0 75.0 112.6#
121 0.0 24.2 36.4#



#31
Isopropyl Ether
Concen: 0.00 ug/l
RT: 4.147 min Scan# 873
Delta R.T. 0.135 min
Lab File: VU042550.D
Acq: 10 Mar 2021 11:47

Tgt Ion: 45 Resp: 45
Ion Ratio Lower Upper
45 100
43 91.1 27.0 81.0#

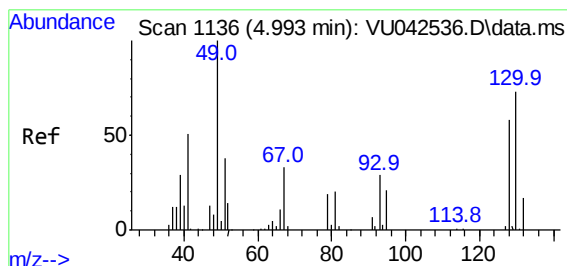
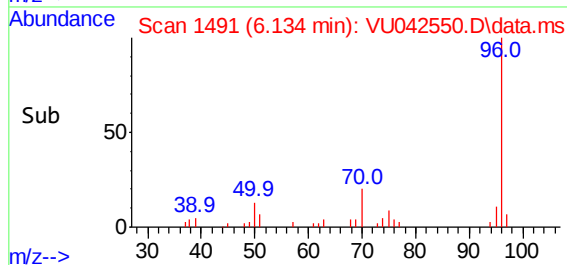
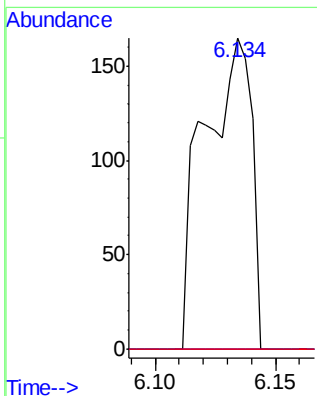
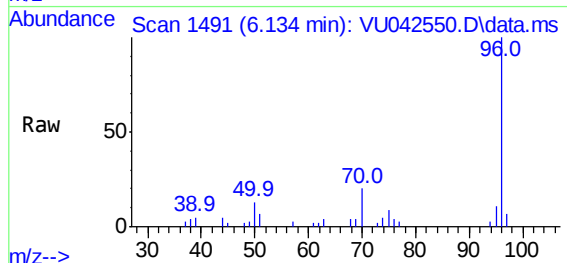




#33
Tert-Amyl methyl ether
Concen: 0.02 ug/l
RT: 6.134 min Scan# 1491
Delta R.T. 0.173 min
Lab File: VU042550.D
Acq: 10 Mar 2021 11:47

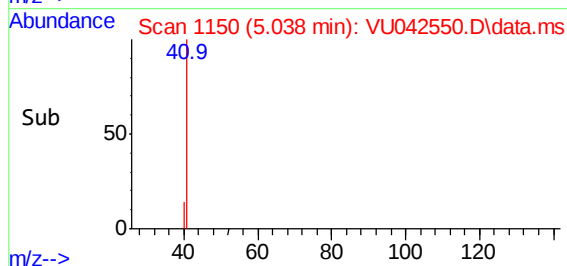
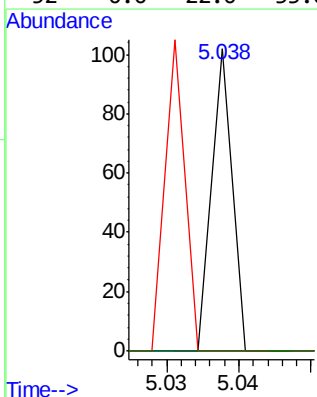
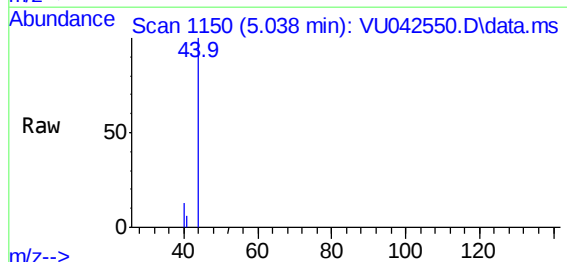
Instrument :
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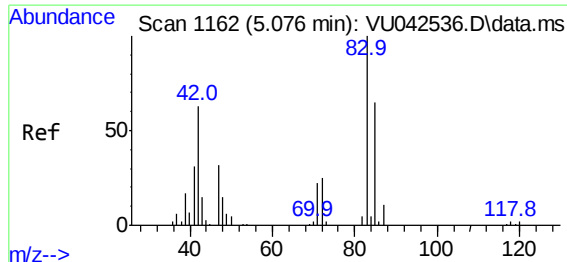
Tgt Ion: 73 Resp: 224
Ion Ratio Lower Upper
73 100
87 0.0 19.8 29.6#
71 0.0 9.0 13.4#



#39
Methacrylonitrile
Concen: 0.01 ug/l
RT: 5.038 min Scan# 1150
Delta R.T. 0.045 min
Lab File: VU042550.D
Acq: 10 Mar 2021 11:47

Tgt Ion: 41 Resp: 20
Ion Ratio Lower Upper
41 100
67 0.0 48.2 72.2#
39 100.0 45.5 68.3#
52 0.0 22.0 33.0#

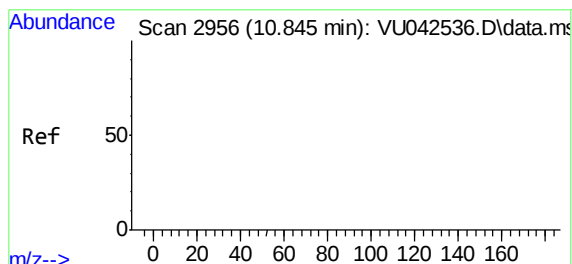
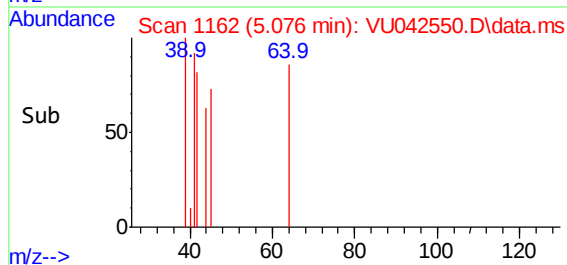
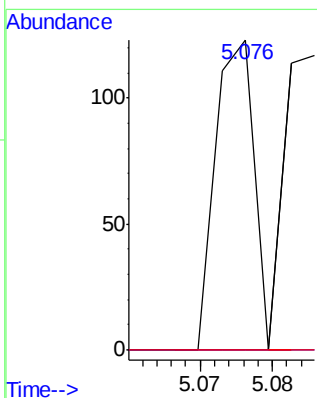
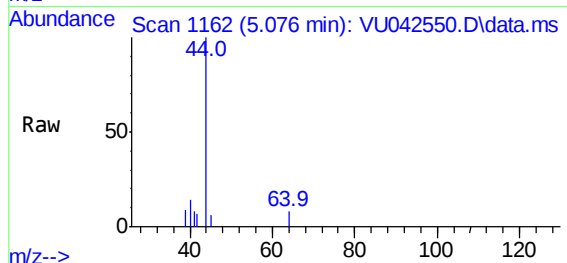




#41
Tetrahydrofuran
Concen: 0.04 ug/l
RT: 5.076 min Scan# 1162
Delta R.T. -0.000 min
Lab File: VU042550.D
Acq: 10 Mar 2021 11:47

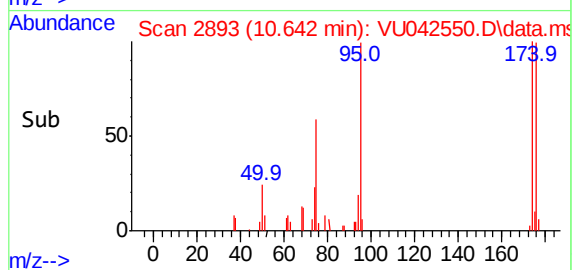
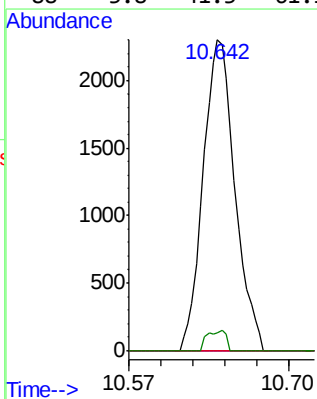
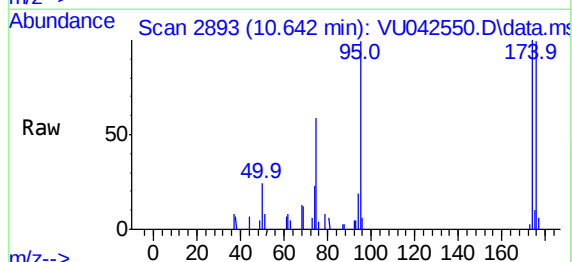
Instrument :
MSVOA_U
ClientSampleId :
VBLK27

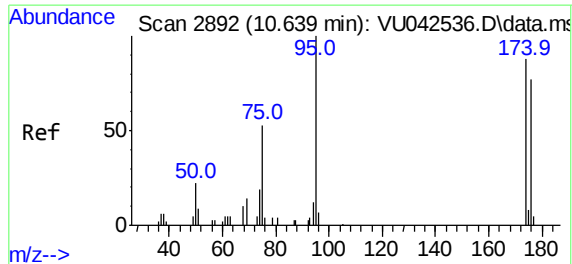
Tgt Ion: 42 Resp: 45
Ion Ratio Lower Upper
42 100
72 0.0 35.2 52.8#
71 0.0 28.6 42.8#



#46
t-1,4-Dichloro-2-butene
Concen: 3.18 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. -0.203 min
Lab File: VU042550.D
Acq: 10 Mar 2021 11:47

Tgt Ion: 75 Resp: 3856
Ion Ratio Lower Upper
75 100
53 0.0 84.6 126.8#
89 0.0 48.1 72.1#
88 3.8 41.3 61.9#

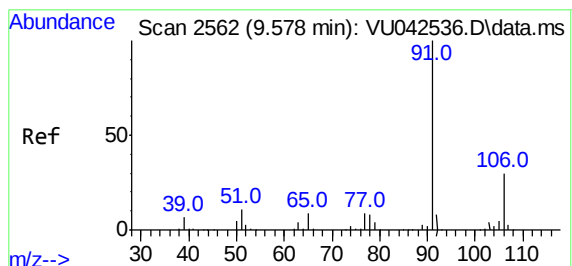
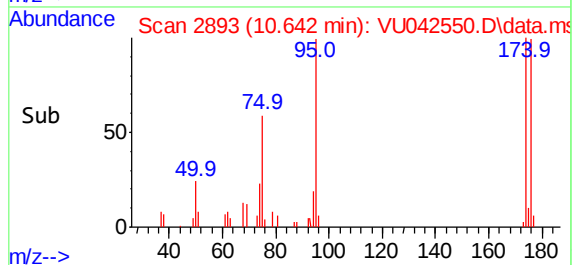
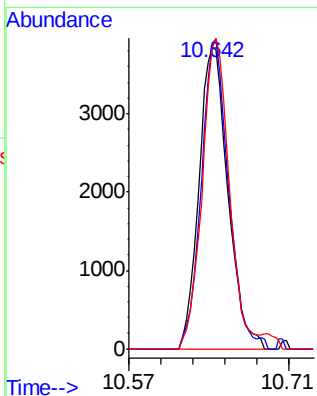
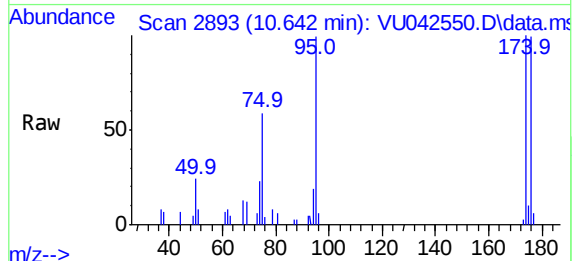




#57
4-Bromofluorobenzene
Concen: 0.81 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.003 min
Lab File: VU042550.D
Acq: 10 Mar 2021 11:47

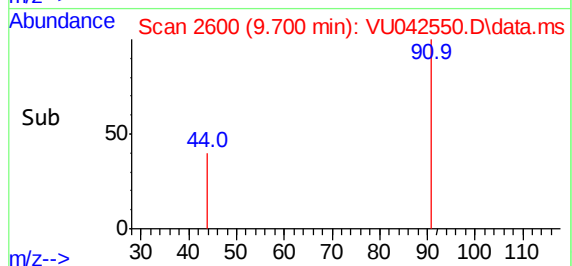
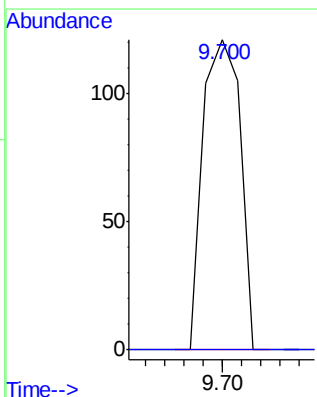
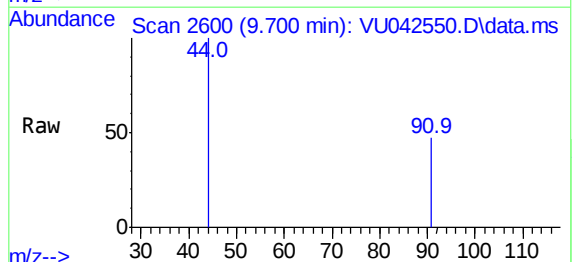
Instrument :
MSVOA_U
ClientSampleId :
VBLK27

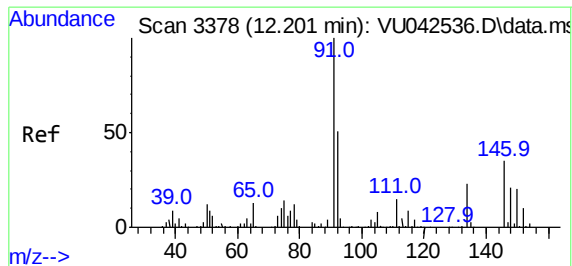
Tgt Ion: 95 Resp: 6695
Ion Ratio Lower Upper
95 100
174 96.6 73.1 109.7
176 95.7 63.4 95.2#



#63
Ethyl Benzene
Concen: 0.00 ug/l
RT: 9.700 min Scan# 2600
Delta R.T. 0.122 min
Lab File: VU042550.D
Acq: 10 Mar 2021 11:47

Tgt Ion: 91 Resp: 64
Ion Ratio Lower Upper
91 100
106 0.0 24.2 36.4#

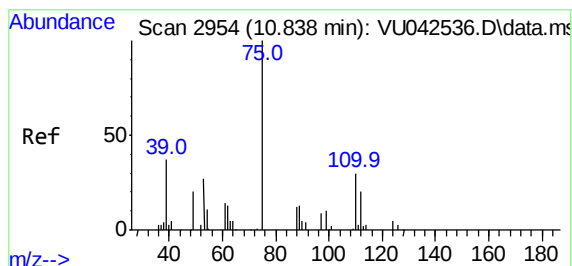
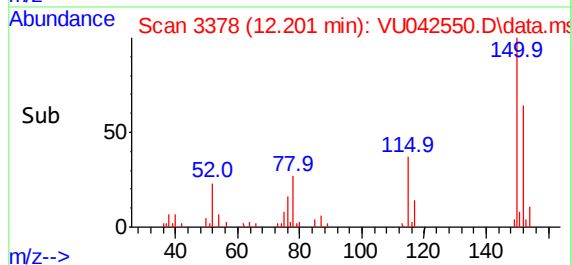
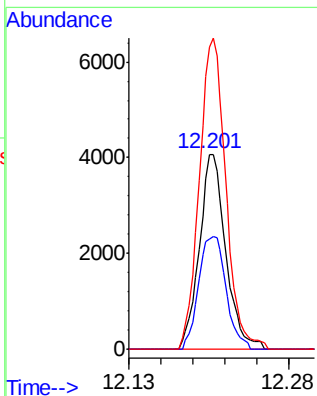
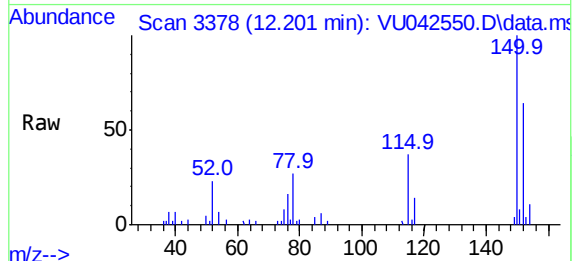




#68
 1,2-Dichlorobenzene-d4
 Concen: 0.80 ug/l
 RT: 12.201 min Scan# 3378
 Delta R.T. -0.000 min
 Lab File: VU042550.D
 Acq: 10 Mar 2021 11:47

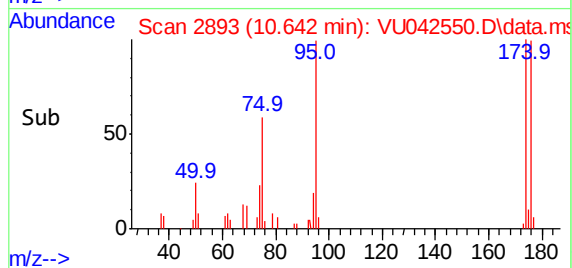
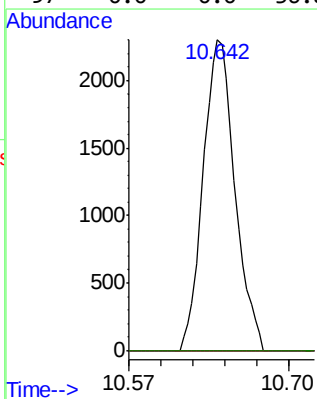
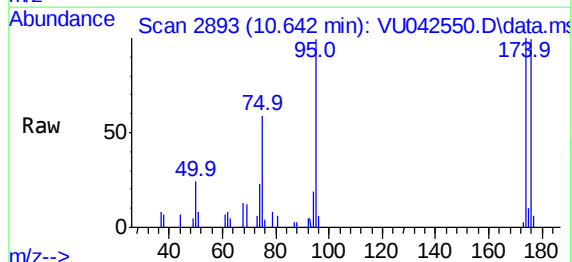
Instrument :
 MSVOA_U
 ClientSampled :
 VBLK27

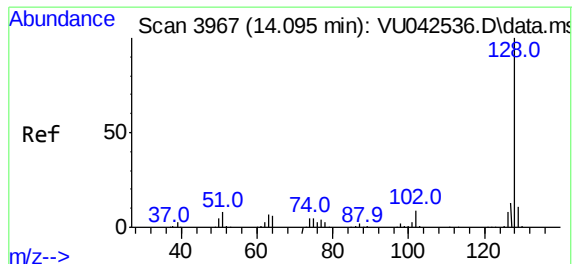
Tgt Ion:152 Resp: 6873
 Ion Ratio Lower Upper
 152 100
 115 60.1 0.0 266.0
 150 160.5 0.0 657.2



#71
 1,2,3-Trichloropropane
 Concen: 0.82 ug/l
 RT: 10.642 min Scan# 2893
 Delta R.T. -0.196 min
 Lab File: VU042550.D
 Acq: 10 Mar 2021 11:47

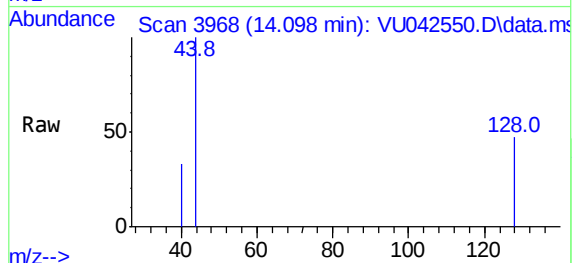
Tgt Ion: 75 Resp: 3856
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 105.6
 110 0.0 0.0 71.4
 97 0.0 0.0 36.8





#89
Naphthalene
Concen: 0.66 ug/l
RT: 14.098 min Scan# 3968
Delta R.T. 0.003 min
Lab File: VU042550.D
Acq: 10 Mar 2021 11:47

Instrument :
MSVOA_U
ClientSampleId :
VBLK27



Tgt Ion:	128	Resp:	75
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.9	16.3#
129	0.0	8.9	13.3#

