

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031021\
 Data File : VU042549.D
 Acq On : 10 Mar 2021 11:17
 Operator : SY/MD
 Sample : VU0310WBL04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK26

Quant Time: Mar 11 06:24:01 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)

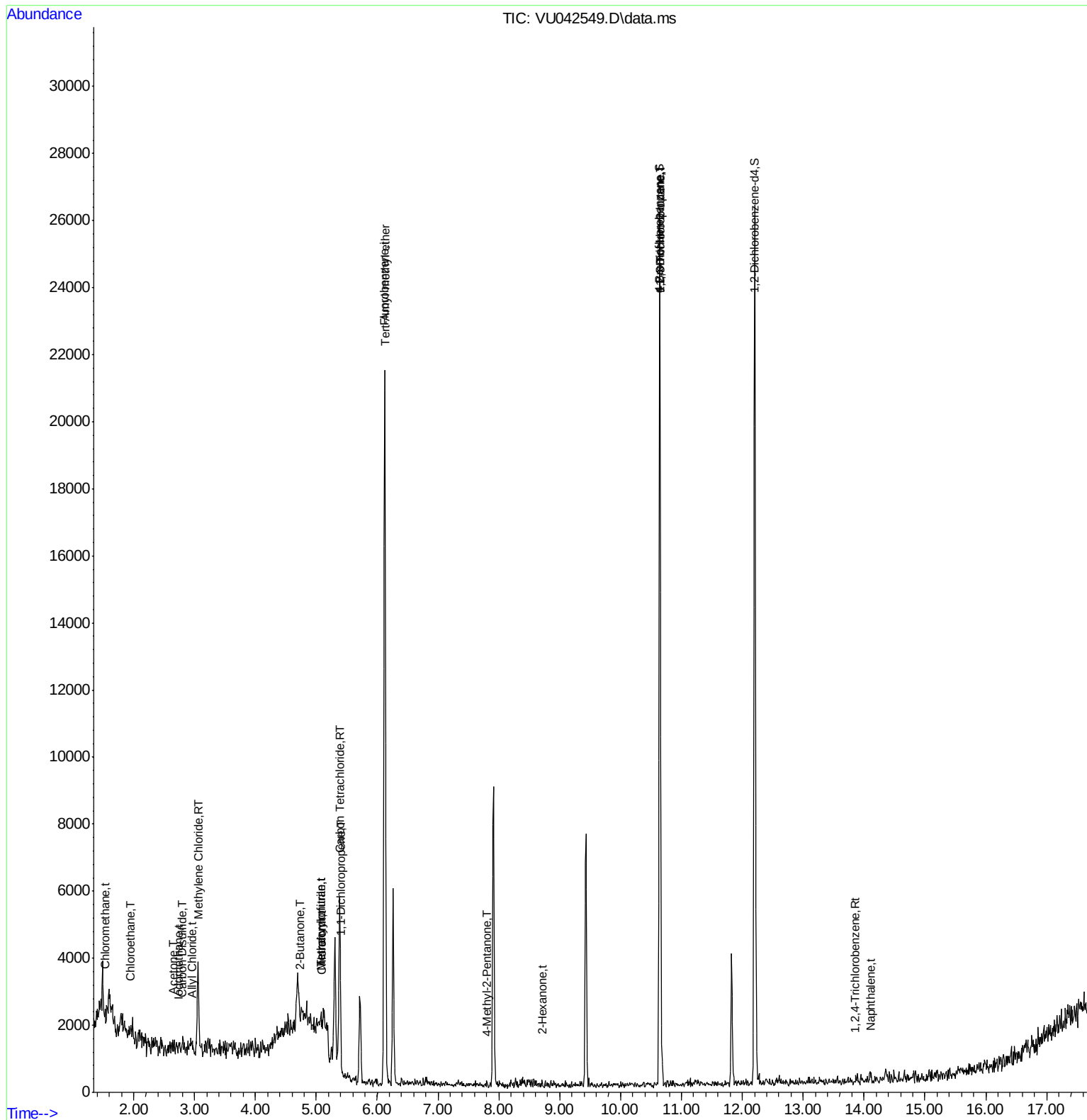
Internal Standards						
1) Fluorobenzene	6.124	96	18998	1.00	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.642	95	7955	0.95	ug/l	0.00
Spiked Amount	1.000		Recovery	=	95.00%	
68) 1,2-Dichlorobenzene-d4	12.205	152	7186	0.83	ug/l	0.00
Spiked Amount	1.000		Recovery	=	83.00%	
Target Compounds						
						Qvalue
3) Chloromethane	1.527	50	182	0.03	ug/l	# 43
6) Chloroethane	1.948	64	40	0.01	ug/l	# 44
10) Iodomethane	2.736	142	20	0.00	ug/l	# 29
11) Allyl Chloride	2.964	41	43	0.00	ug/l	# 83
13) Acetone	2.645	43	43	0.06	ug/l	# 49
14) Carbon Disulfide	2.803	76	74	0.00	ug/l	# 74
15) Methylene Chloride	3.060	84	1031	0.18	ug/l	# 90
18) 2-Butanone	4.729	43	60	0.04	ug/l	# 78
27) Chloroform	5.092	83	43	0.00	ug/l	# 18
29) 1,1-Dichloropropene	5.398	75	41	0.01	ug/l	# 42
30) Carbon Tetrachloride	5.385	117	273	0.03	ug/l	# 13
33) Tert-Amyl methyl ether	6.128	73	273	0.02	ug/l	# 53
39) Methacrylonitrile	5.079	41	65	0.03	ug/l	# 42
41) Tetrahydrofuran	5.076	42	119	0.11	ug/l	# 35
45) 4-Methyl-2-Pentanone	7.803	43	70	0.01	ug/l	# 48
46) t-1,4-Dichloro-2-butene	10.645	75	4726	3.58	ug/l	# 13
54) 2-Hexanone	8.706	43	19	0.01	ug/l	# 38
71) 1,2,3-Trichloropropane	10.645	75	4726	1.00	ug/l	# 36
87) 1,2,4-Trichlorobenzene	13.851	180	22	0.52	ug/l	# 12
89) Naphthalene	14.108	128	254	0.67	ug/l	# 68

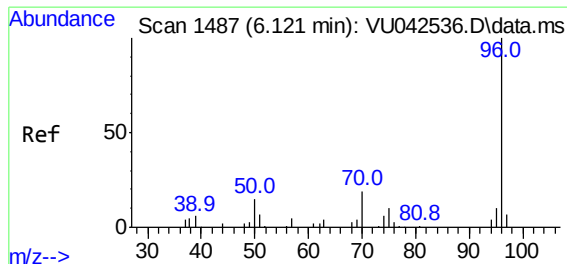
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Time: Mar 11 06:24:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U030921DW.M
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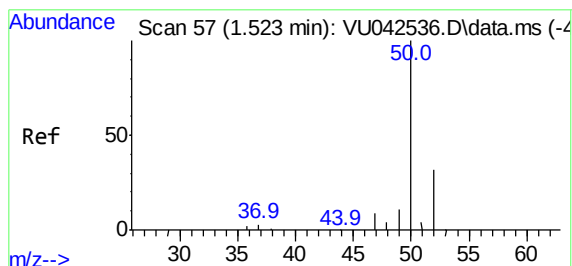
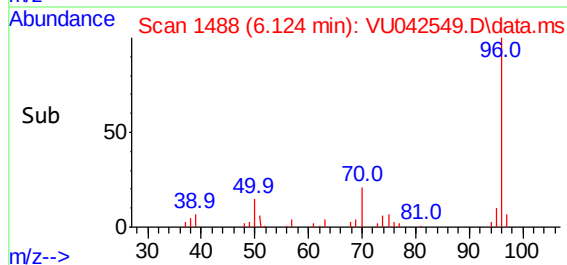
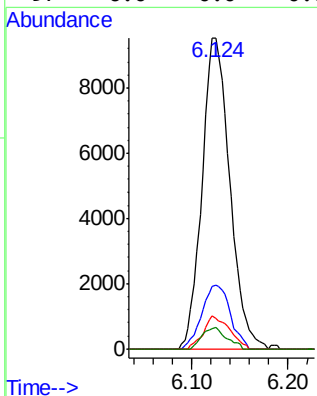
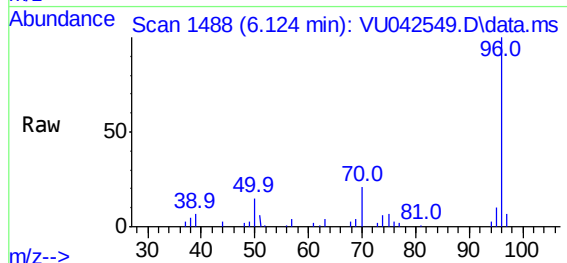




#1
Fluorobenzene
Concen: 1.00 ug/l
RT: 6.124 min Scan# 1488
Delta R.T. 0.003 min
Lab File: VU042549.D
Acq: 10 Mar 2021 11:17

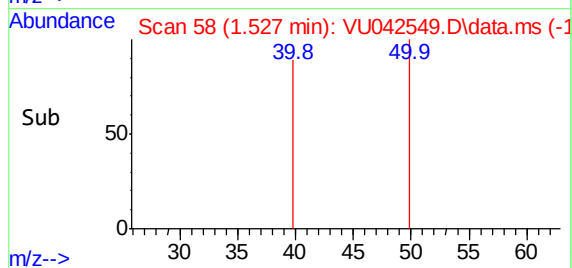
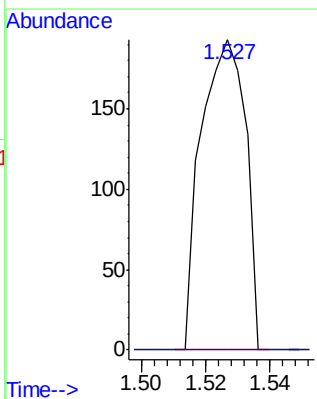
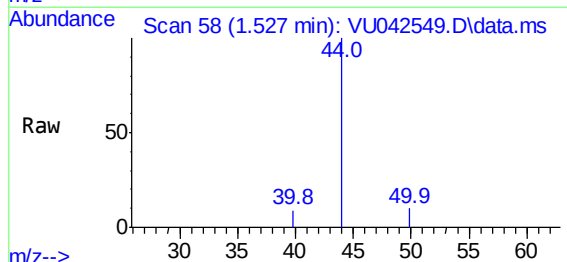
Instrument :
MSVOA_U
ClientSampleId :
VBLK26

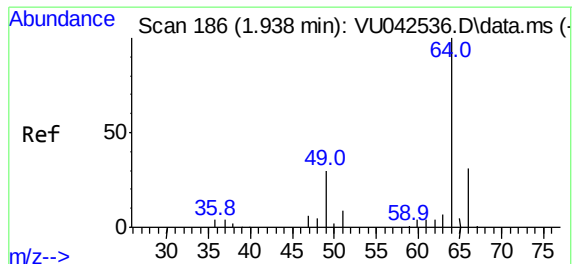
Tgt Ion: 96 Resp: 18998
Ion Ratio Lower Upper
96 100
70 21.0 16.3 24.5
95 9.9 7.0 10.4
97 6.0 0.0 0.0#



#3
Chloromethane
Concen: 0.03 ug/l
RT: 1.527 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU042549.D
Acq: 10 Mar 2021 11:17

Tgt Ion: 50 Resp: 182
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

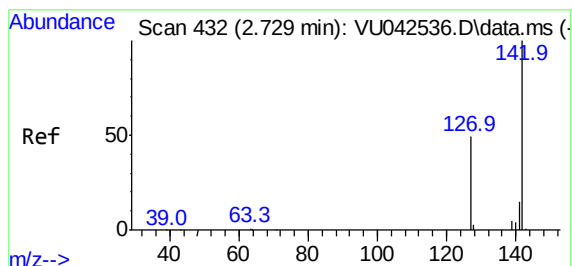
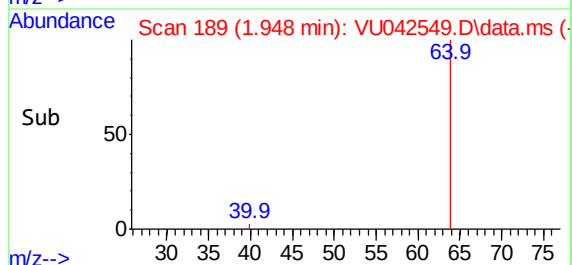
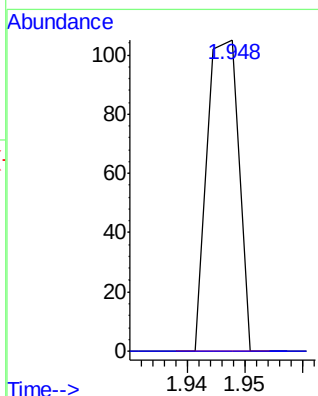
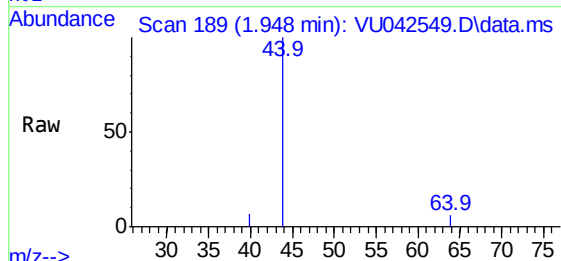




#6
Chloroethane
Concen: 0.01 ug/l
RT: 1.948 min Scan# 189
Delta R.T. 0.010 min
Lab File: VU042549.D
Acq: 10 Mar 2021 11:17

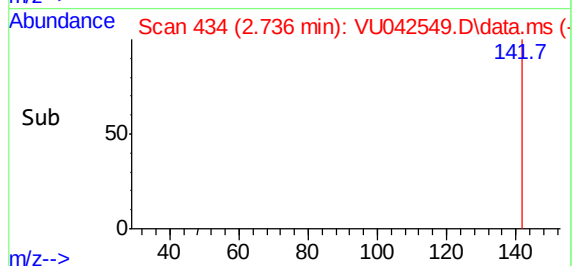
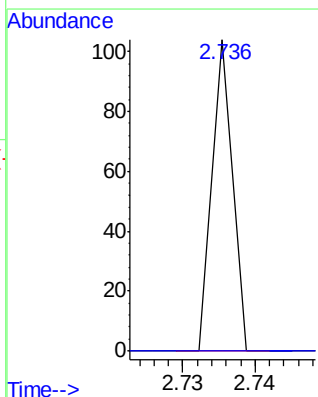
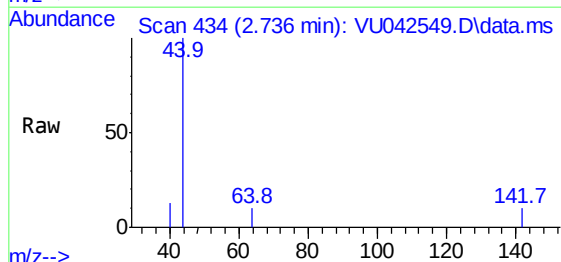
Instrument :
MSVOA_U
ClientSampleId :
VBLK26

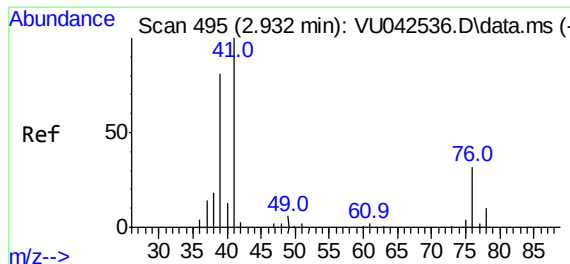
Tgt Ion: 64 Resp: 40
Ion Ratio Lower Upper
64 100
66 0.0 24.9 37.3#



#10
Iodomethane
Concen: 0.00 ug/l
RT: 2.736 min Scan# 434
Delta R.T. 0.006 min
Lab File: VU042549.D
Acq: 10 Mar 2021 11:17

Tgt Ion: 142 Resp: 20
Ion Ratio Lower Upper
142 100
127 0.0 38.8 58.2#

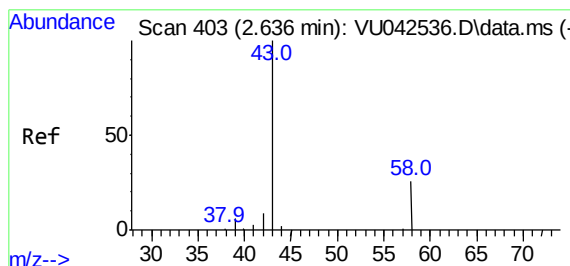
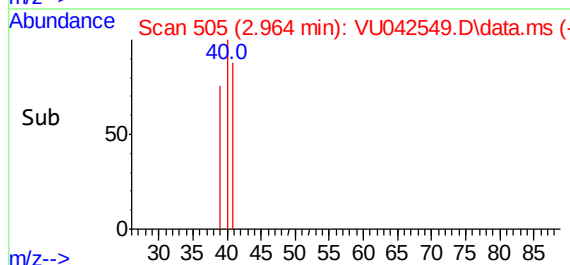
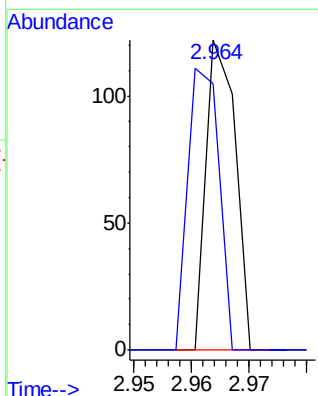
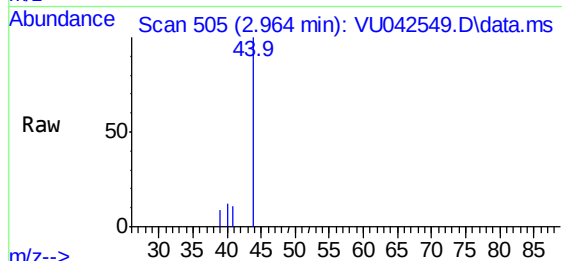




#11
 Allyl Chloride
 Concen: 0.00 ug/l
 RT: 2.964 min Scan# 505
 Delta R.T. 0.032 min
 Lab File: VU042549.D
 Acq: 10 Mar 2021 11:17

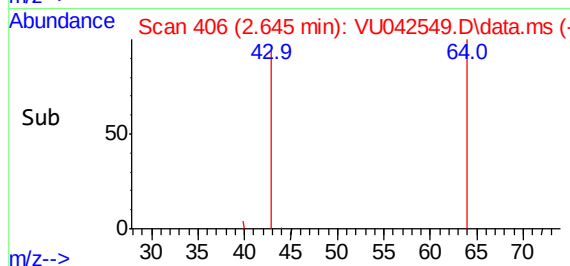
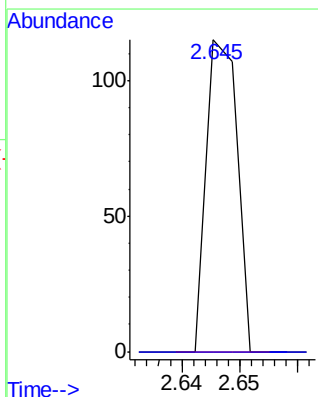
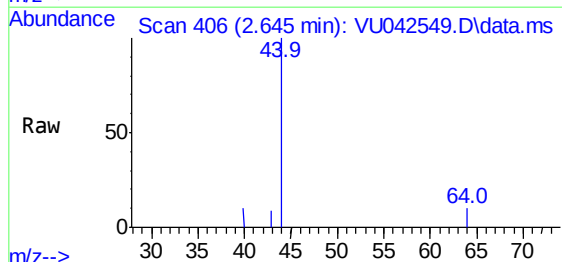
Instrument :
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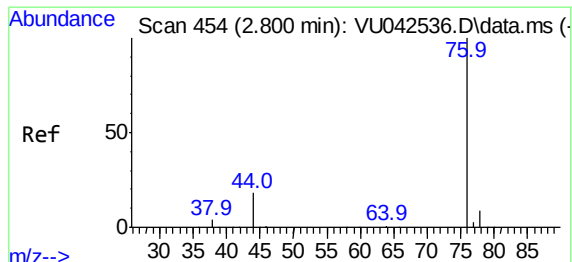
Tgt Ion: 41 Resp: 43
 Ion Ratio Lower Upper
 41 100
 39 97.7 65.9 98.9



#13
 Acetone
 Concen: 0.06 ug/l
 RT: 2.645 min Scan# 406
 Delta R.T. 0.010 min
 Lab File: VU042549.D
 Acq: 10 Mar 2021 11:17

Tgt Ion: 43 Resp: 43
 Ion Ratio Lower Upper
 43 100
 58 0.0 21.0 31.4#

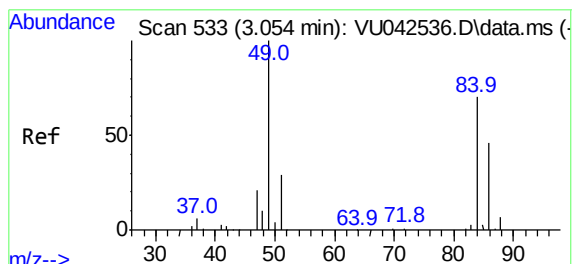
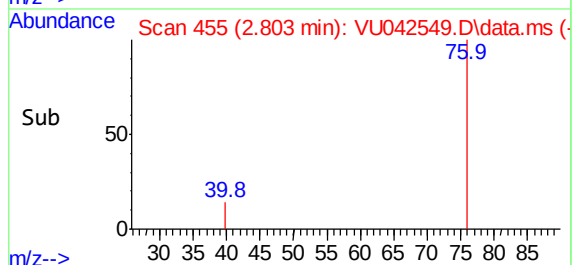
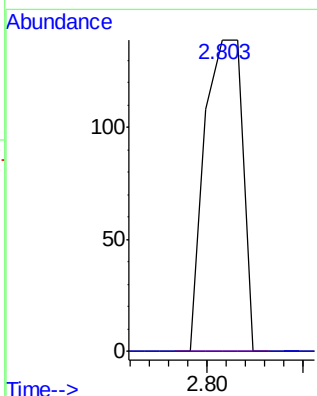
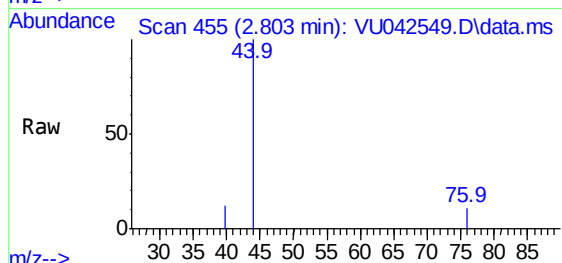




#14
Carbon Disulfide
Concen: 0.00 ug/l
RT: 2.803 min Scan# 455
Delta R.T. 0.003 min
Lab File: VU042549.D
Acq: 10 Mar 2021 11:17

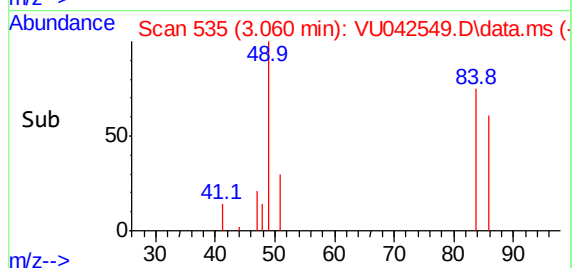
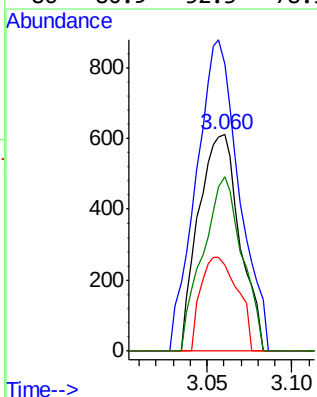
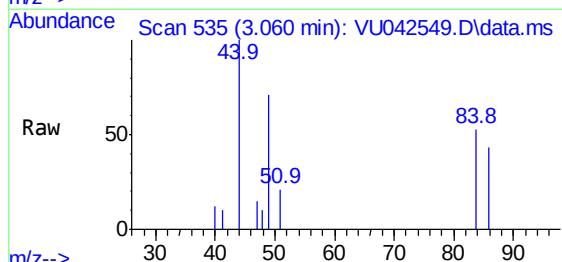
Instrument :
MSVOA_U
ClientSampleId :
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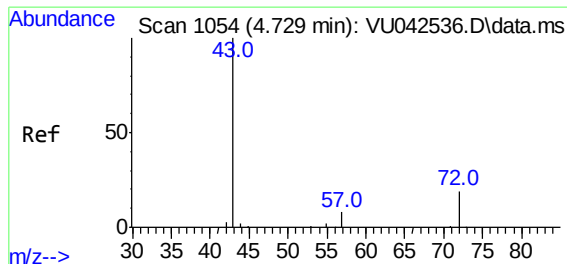
Tgt Ion: 76 Resp: 74
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.2#



#15
Methylene Chloride
Concen: 0.18 ug/l
RT: 3.060 min Scan# 535
Delta R.T. 0.006 min
Lab File: VU042549.D
Acq: 10 Mar 2021 11:17

Tgt Ion: 84 Resp: 1031
Ion Ratio Lower Upper
84 100
49 132.6 114.6 172.0
51 39.9 0.0 83.0
86 80.9 52.3 78.5#

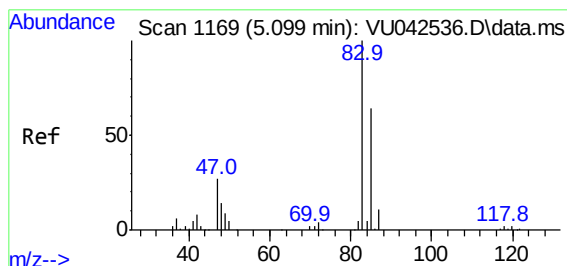
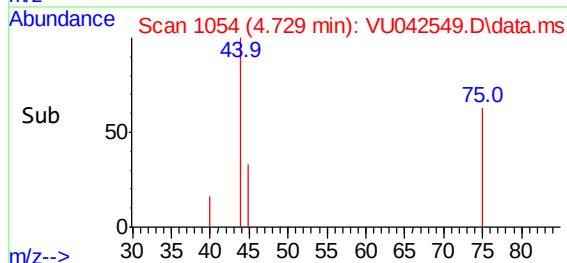
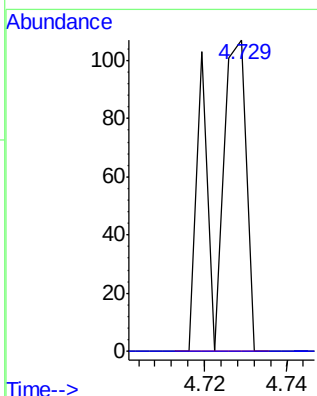
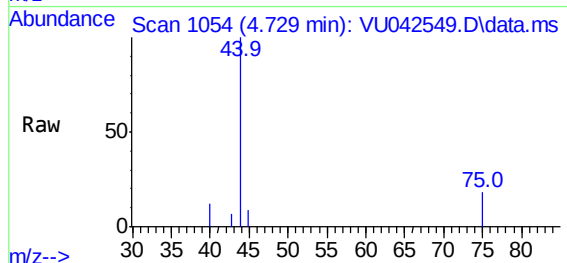




#18
2-Butanone
Concen: 0.04 ug/l
RT: 4.729 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VU042549.D
Acq: 10 Mar 2021 11:17

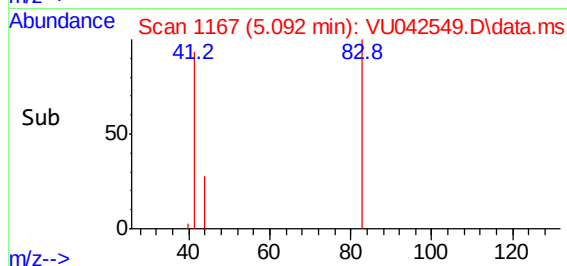
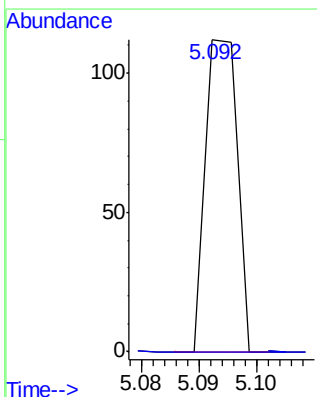
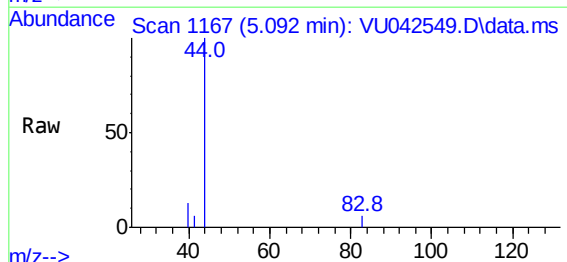
Instrument :
MSVOA_U
ClientSampled :
VBLK26

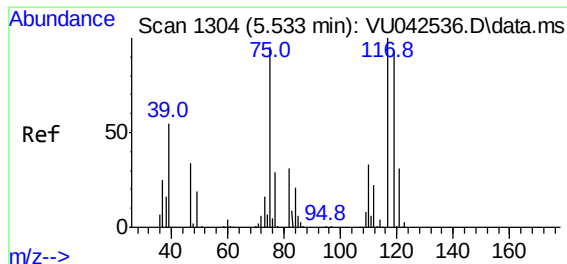
Tgt Ion: 43 Resp: 60
Ion Ratio Lower Upper
43 100
57 0.0 0.0 15.8



#27
Chloroform
Concen: 0.00 ug/l
RT: 5.092 min Scan# 1167
Delta R.T. -0.007 min
Lab File: VU042549.D
Acq: 10 Mar 2021 11:17

Tgt Ion: 83 Resp: 43
Ion Ratio Lower Upper
83 100
85 0.0 0.0 128.4

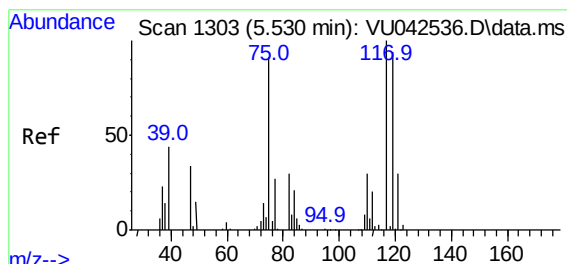
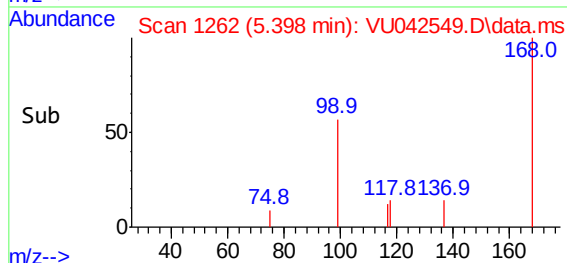
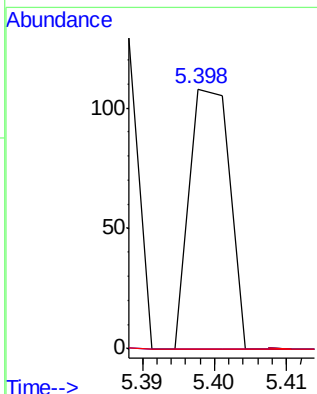
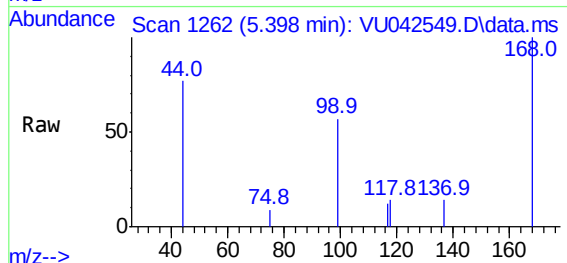




#29
1,1-Dichloropropene
Concen: 0.01 ug/l
RT: 5.398 min Scan# 1262
Delta R.T. -0.135 min
Lab File: VU042549.D
Acq: 10 Mar 2021 11:17

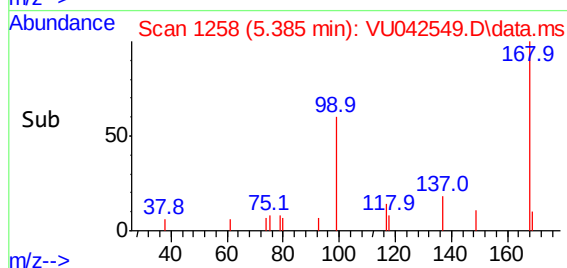
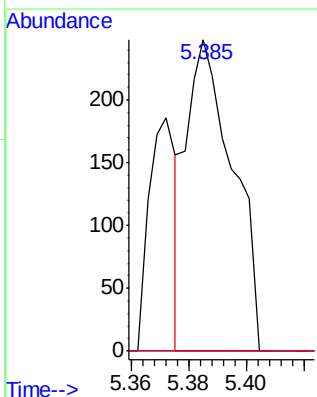
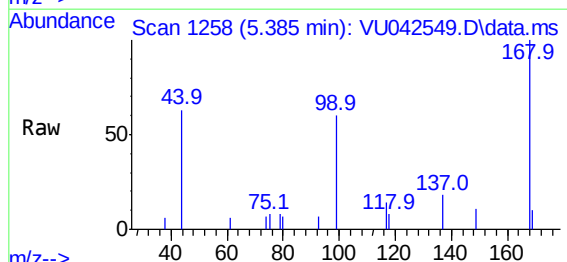
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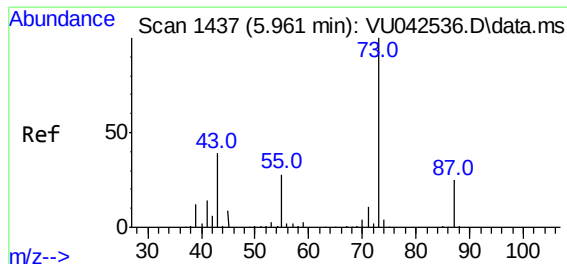
Tgt Ion: 75 Resp: 41
Ion Ratio Lower Upper
75 100
110 0.0 17.3 52.0#
77 0.0 25.0 37.6#



#30
Carbon Tetrachloride
Concen: 0.03 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.145 min
Lab File: VU042549.D
Acq: 10 Mar 2021 11:17

Tgt Ion: 117 Resp: 273
Ion Ratio Lower Upper
117 100
119 0.0 75.0 112.6#
121 0.0 24.2 36.4#

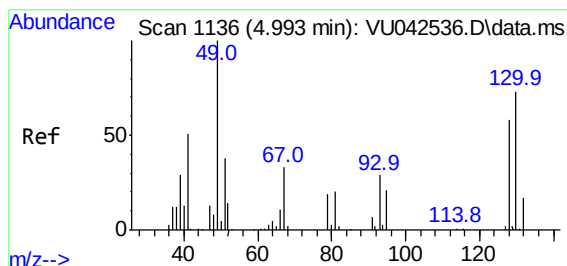
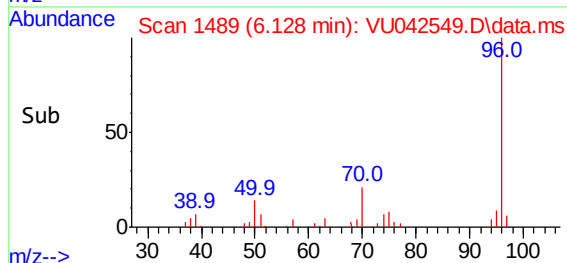
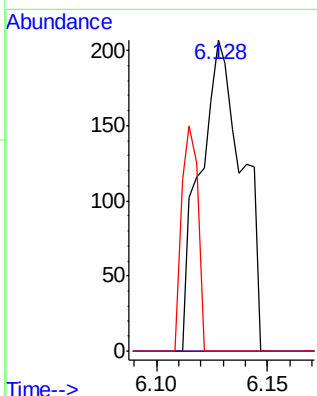
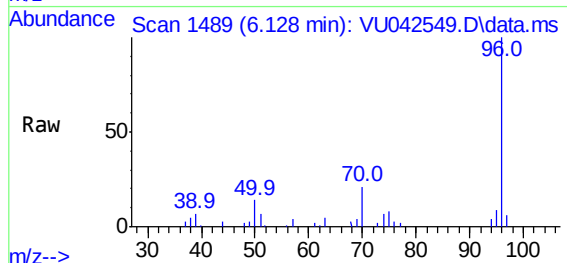




#33
Tert-Amyl methyl ether
Concen: 0.02 ug/l
RT: 6.128 min Scan# 1489
Delta R.T. 0.167 min
Lab File: VU042549.D
Acq: 10 Mar 2021 11:17

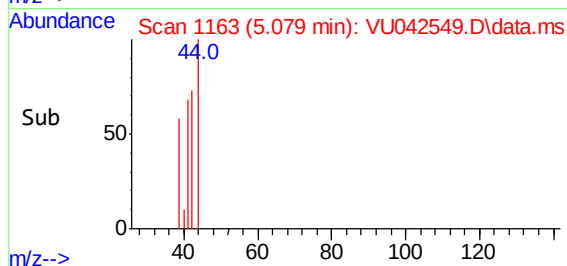
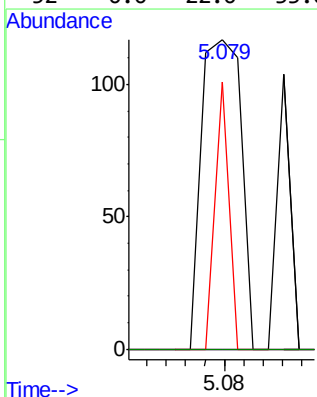
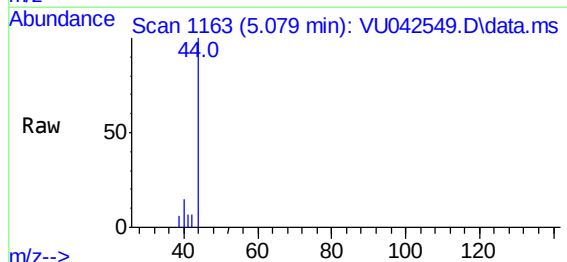
Instrument :
MSVOA_U
ClientSampleId :
VBLK26

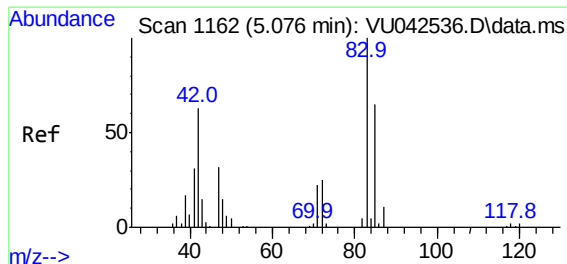
Tgt Ion: 73 Resp: 273
Ion Ratio Lower Upper
73 100
87 0.0 19.8 29.6#
71 27.5 9.0 13.4#



#39
Methacrylonitrile
Concen: 0.03 ug/l
RT: 5.079 min Scan# 1163
Delta R.T. 0.087 min
Lab File: VU042549.D
Acq: 10 Mar 2021 11:17

Tgt Ion: 41 Resp: 65
Ion Ratio Lower Upper
41 100
67 0.0 48.2 72.2#
39 29.2 45.5 68.3#
52 0.0 22.0 33.0#

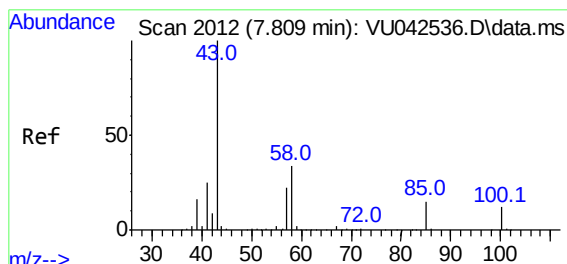
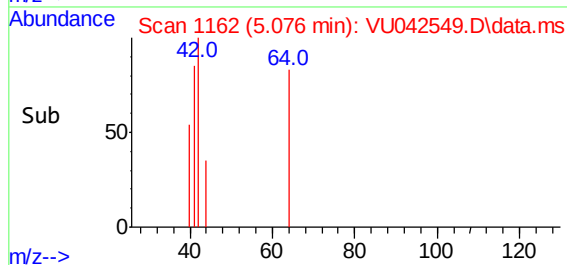
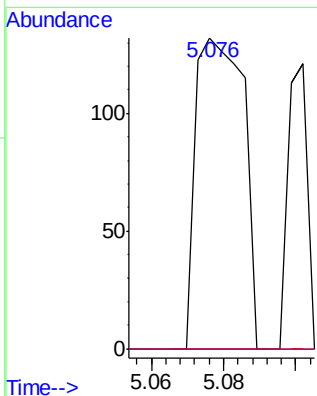
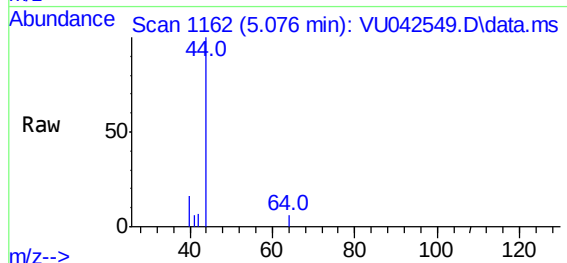




#41
Tetrahydrofuran
Concen: 0.11 ug/l
RT: 5.076 min Scan# 1162
Delta R.T. -0.000 min
Lab File: VU042549.D
Acq: 10 Mar 2021 11:17

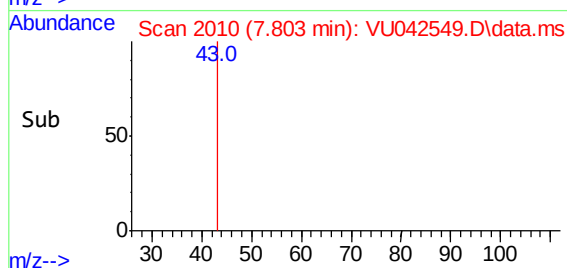
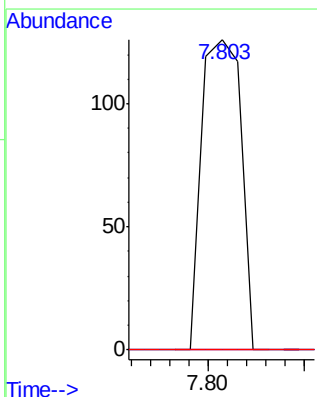
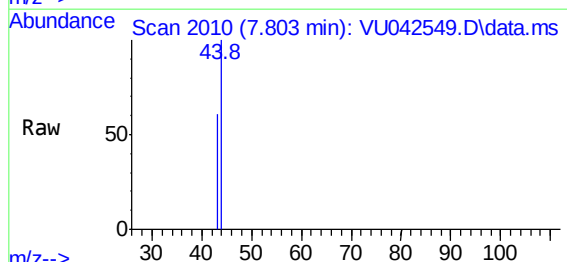
Instrument :
MSVOA_U
ClientSampleId :
VBLK26

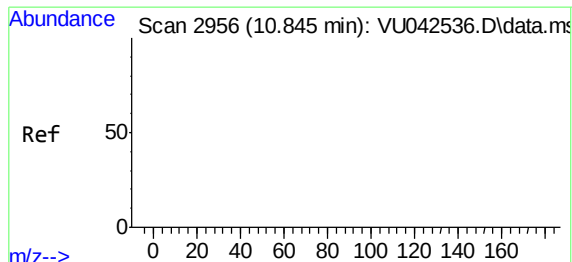
Tgt Ion: 42 Resp: 119
Ion Ratio Lower Upper
42 100
72 0.0 35.2 52.8#
71 0.0 28.6 42.8#



#45
4-Methyl-2-Pentanone
Concen: 0.01 ug/l
RT: 7.803 min Scan# 2010
Delta R.T. -0.006 min
Lab File: VU042549.D
Acq: 10 Mar 2021 11:17

Tgt Ion: 43 Resp: 70
Ion Ratio Lower Upper
43 100
58 0.0 16.9 50.6#
85 0.0 12.0 18.0#



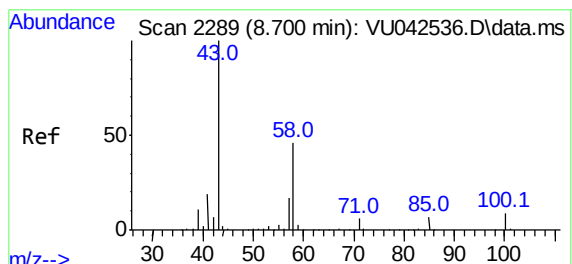
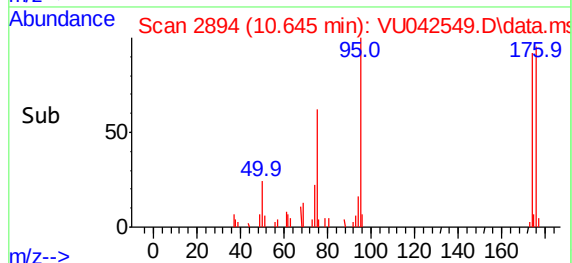
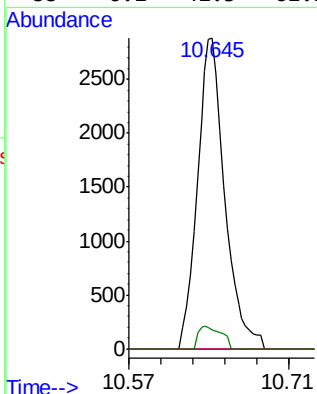
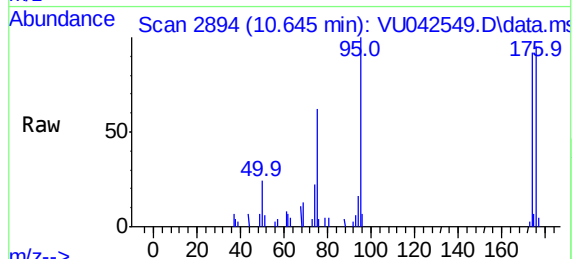


#46
t-1,4-Dichloro-2-butene
Concen: 3.58 ug/l
RT: 10.645 min Scan# 2894
Delta R.T. -0.200 min
Lab File: VU042549.D
Acq: 10 Mar 2021 11:17

Instrument :
MSVOA_U
ClientSampleId :
VBLK26

Tgt Ion: 75 Resp: 4726

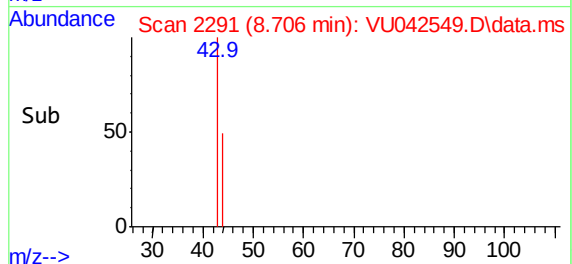
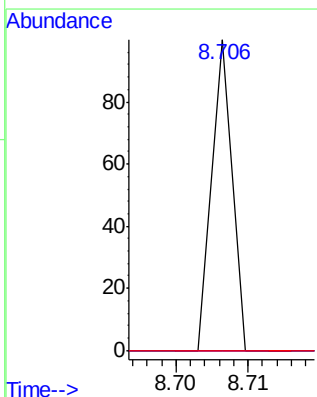
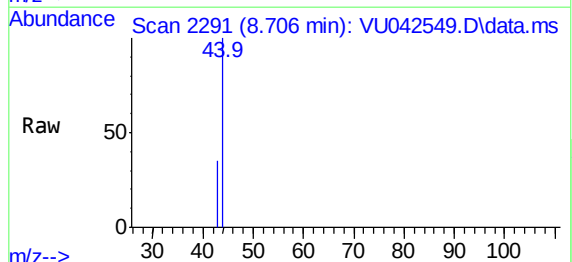
Ion	Ratio	Lower	Upper
75	100		
53	0.0	84.6	126.8#
89	0.0	48.1	72.1#
88	6.1	41.3	61.9#

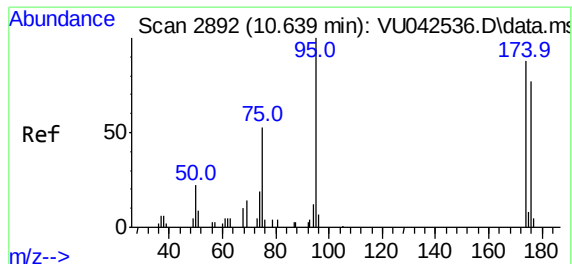


#54
2-Hexanone
Concen: 0.01 ug/l
RT: 8.706 min Scan# 2291
Delta R.T. 0.006 min
Lab File: VU042549.D
Acq: 10 Mar 2021 11:17

Tgt Ion: 43 Resp: 19

Ion	Ratio	Lower	Upper
43	100		
58	0.0	27.0	67.0#
57	0.0	0.0	36.7



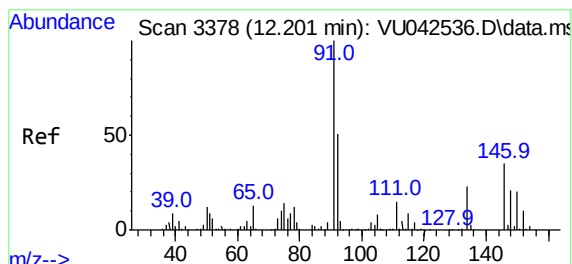
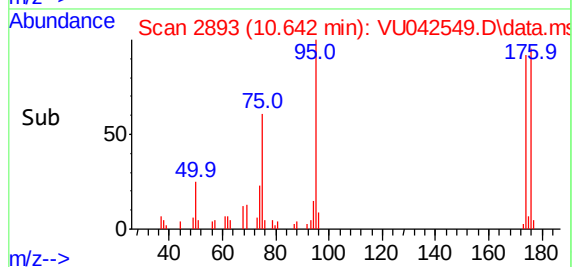
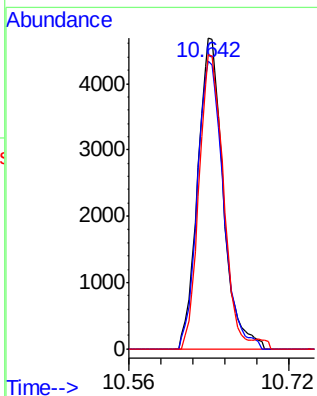
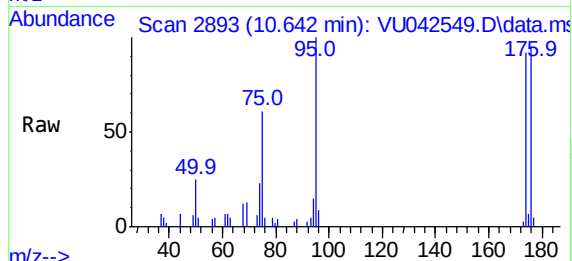


#57
4-Bromofluorobenzene
Concen: 0.95 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.003 min
Lab File: VU042549.D
Acq: 10 Mar 2021 11:17

Instrument :
MSVOA_U
ClientSampleId :
VBLK26

Tgt Ion: 95 Resp: 7955

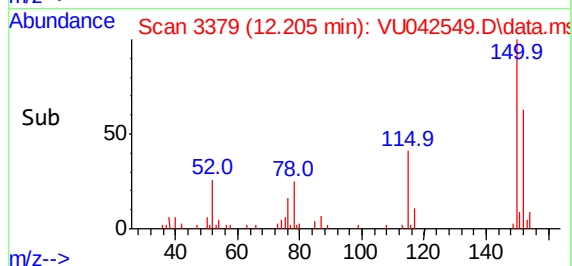
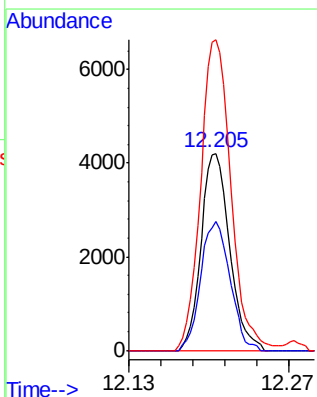
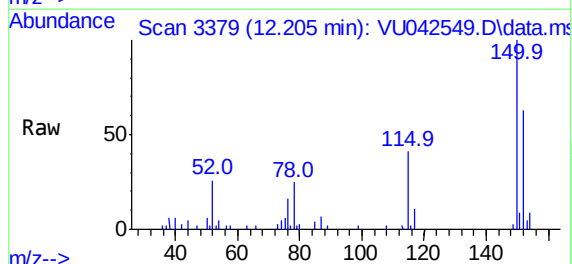
Ion	Ratio	Lower	Upper
95	100		
174	94.8	73.1	109.7
176	90.9	63.4	95.2

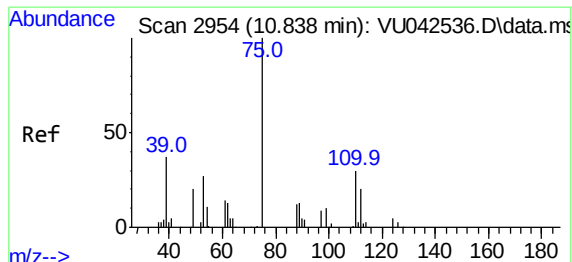


#68
1,2-Dichlorobenzene-d4
Concen: 0.83 ug/l
RT: 12.205 min Scan# 3379
Delta R.T. 0.003 min
Lab File: VU042549.D
Acq: 10 Mar 2021 11:17

Tgt Ion: 152 Resp: 7186

Ion	Ratio	Lower	Upper
152	100		
115	67.4	0.0	266.0
150	167.9	0.0	657.2



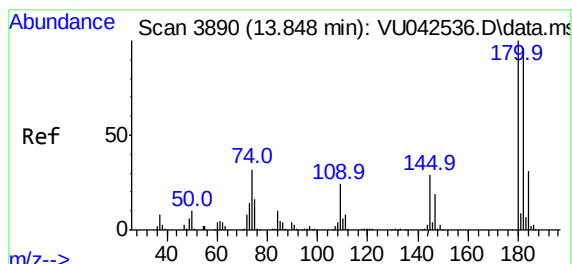
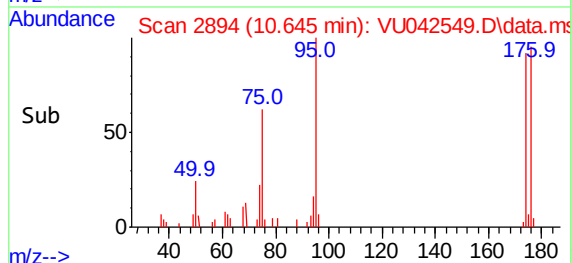
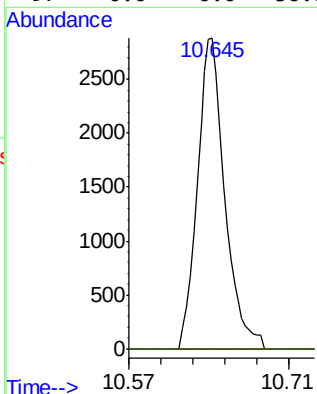
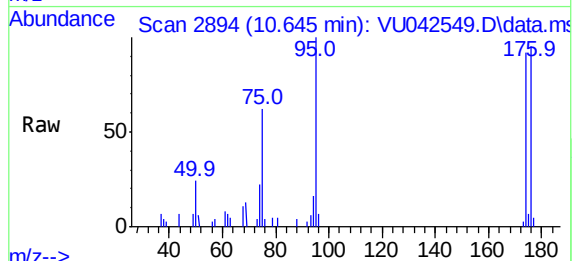


#71
1,2,3-Trichloropropane
Concen: 1.00 ug/l
RT: 10.645 min Scan# 2894
Delta R.T. -0.193 min
Lab File: VU042549.D
Acq: 10 Mar 2021 11:17

Instrument :
MSVOA_U
ClientSampleId :
VBLK26

Tgt Ion: 75 Resp: 4726

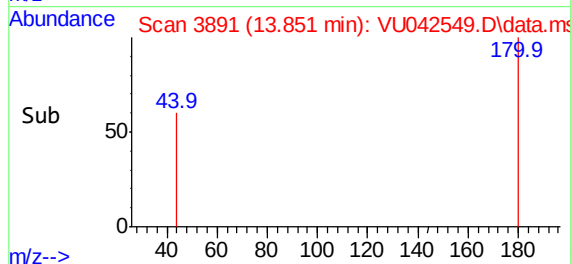
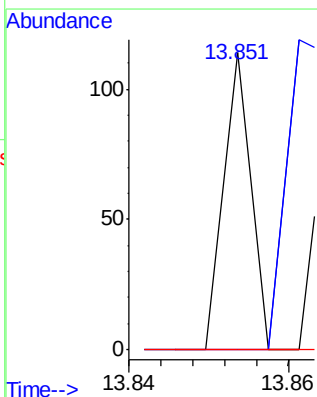
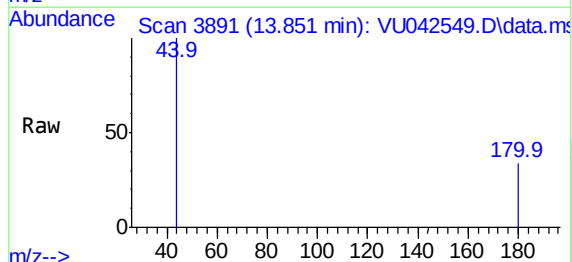
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	105.6
110	0.0	0.0	71.4
97	0.0	0.0	36.8

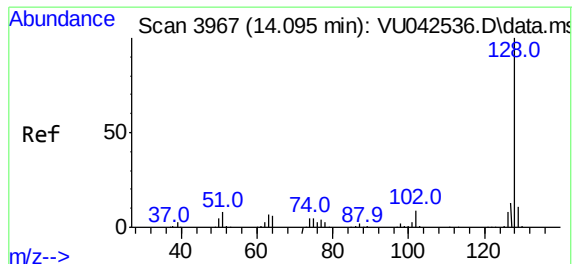


#87
1,2,4-Trichlorobenzene
Concen: 0.52 ug/l
RT: 13.851 min Scan# 3891
Delta R.T. 0.003 min
Lab File: VU042549.D
Acq: 10 Mar 2021 11:17

Tgt Ion: 180 Resp: 22

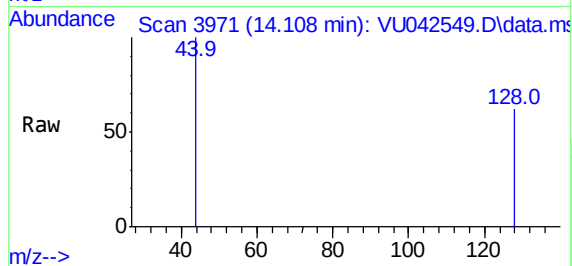
Ion	Ratio	Lower	Upper
180	100		
182	0.0	76.2	114.2#
145	0.0	23.0	34.4#





#89
Naphthalene
Concen: 0.67 ug/l
RT: 14.108 min Scan# 3971
Delta R.T. 0.013 min
Lab File: VU042549.D
Acq: 10 Mar 2021 11:17

Instrument :
MSVOA_U
ClientSampleId :
VBLK26



Tgt Ion:128 Resp: 254

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.9	16.3#
129	0.0	8.9	13.3#

