

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111021\
 Data File : VU045691.D
 Acq On : 10 Nov 2021 16:31
 Operator : SY/MD
 Sample : M4499-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WEL-BRIDGE

Quant Time: Nov 10 17:17:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.376	168	125934	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	238070	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	240184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	117934	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.704	65	103959	55.121	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 110.240%	
35) Dibromofluoromethane	5.292	113	57879	36.414	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 72.820%#	
50) Toluene-d8	7.900	98	312750	52.915	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.840%	
62) 4-Bromofluorobenzene	10.636	95	117090	49.404	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.800%	

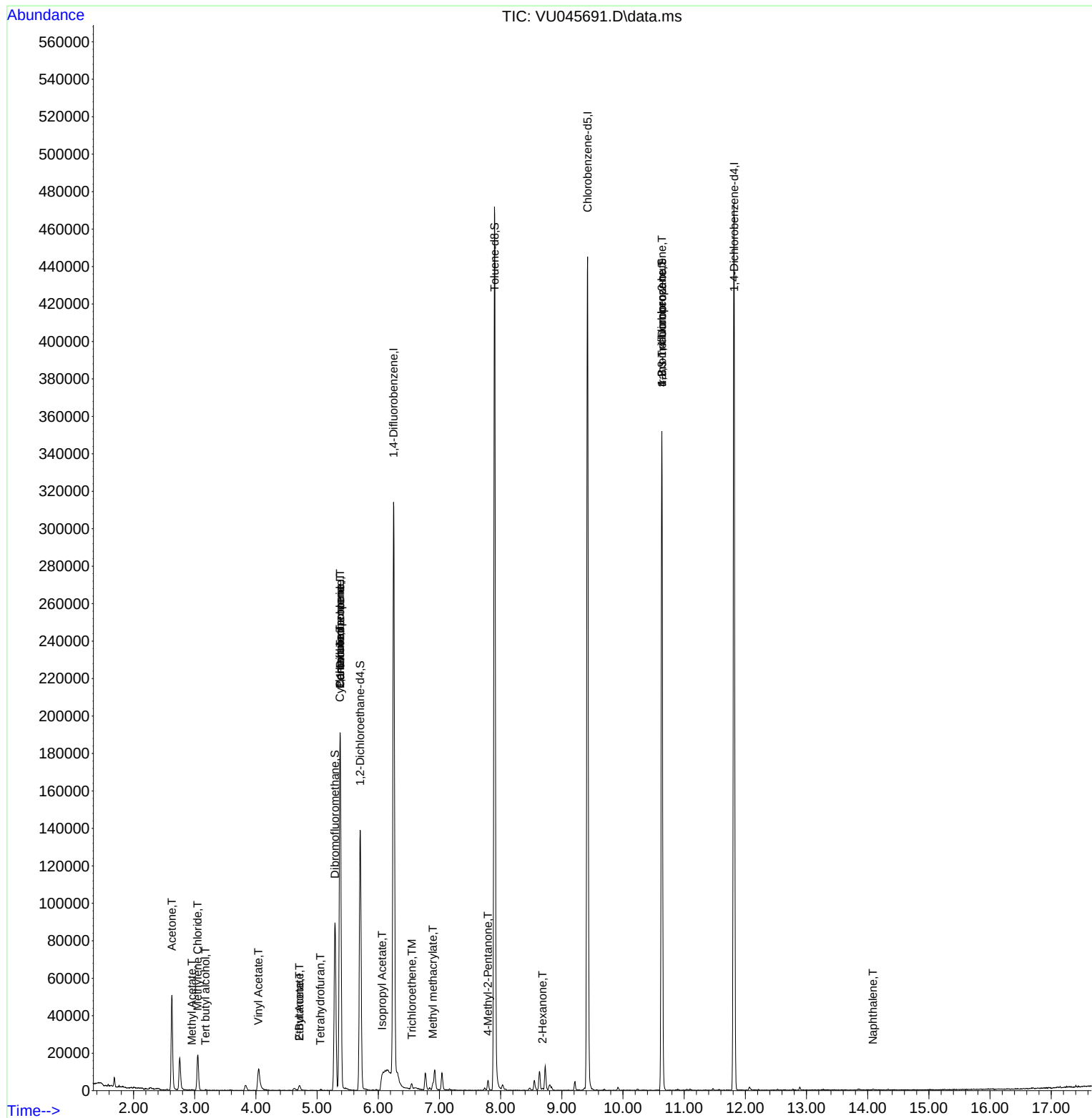
Target Compounds						Qvalue
11) Tert butyl alcohol	3.176	59	313	0.838	ug/l #	72
16) Acetone	2.626	43	55301	57.601	ug/l	99
18) Methyl Acetate	2.951	43	691	0.211	ug/l #	62
20) Methylene Chloride	3.048	84	9032	5.414	ug/l	98
23) Vinyl Acetate	4.041	43	1890	0.506	ug/l #	71
25) 2-Butanone	4.710	43	4366	3.279	ug/l	92
29) Tetrahydrofuran	5.054	42	337	0.414	ug/l #	46
31) Cyclohexane	5.372	56	2904	1.055	ug/l #	1
36) 1,1-Dichloropropene	5.376	75	11282	4.860	ug/l #	50
37) Ethyl Acetate	4.710	43	4366	1.637	ug/l #	67
38) Carbon Tetrachloride	5.376	117	13764	5.881	ug/l #	16
43) Isopropyl Acetate	6.064	43	5004	1.227	ug/l #	59
44) Trichloroethene	6.549	130	862	0.524	ug/l	76
48) Methyl methacrylate	6.893	41	5095	2.714	ug/l #	18
51) 4-Methyl-2-Pentanone	7.793	43	4120	1.531	ug/l	88
59) 2-Hexanone	8.684	43	410	7.705	ug/l #	55
76) 1,2,3-Trichloropropane	10.636	75	61878	17.302	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.636	75	61878	56.279	ug/l #	12
95) Naphthalene	14.086	128	802	1.111	ug/l #	69

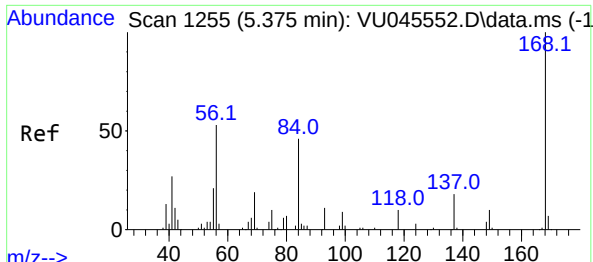
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 05 13:35:16 2021
Response via : Initial Calibration

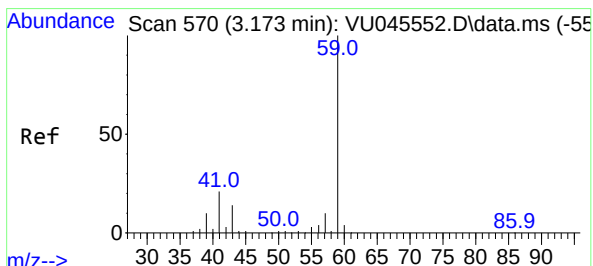
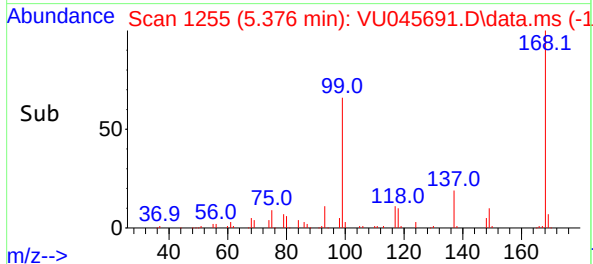
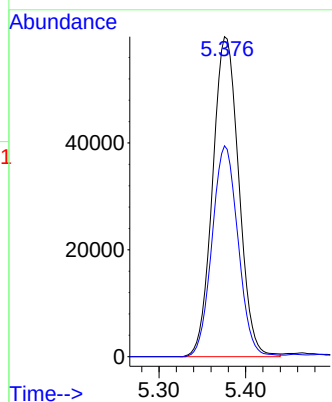
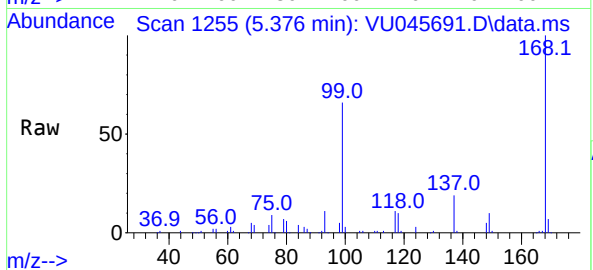




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.376 min Scan# 11
Delta R.T. 0.001 min
Lab File: VU045691.D
Acq: 10 Nov 2021 16:31

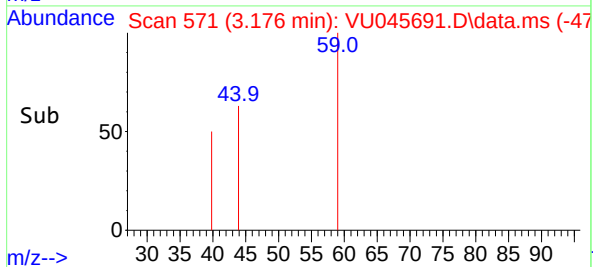
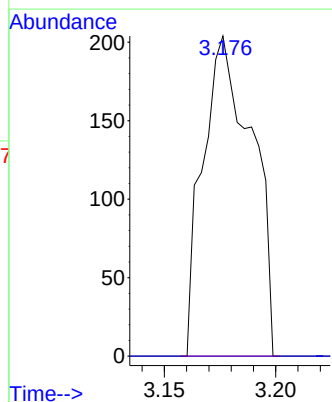
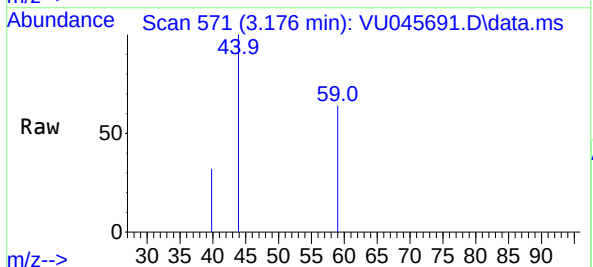
Instrument :
MSVOA_U
ClientSampleId :
WEL-BRIDGE

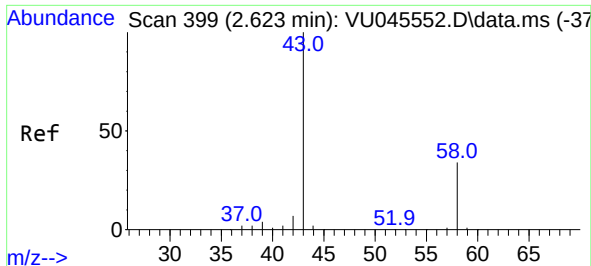
Tgt Ion:168 Resp: 125934
Ion Ratio Lower Upper
168 100
99 65.9 51.0 76.6



#11
Tert butyl alcohol
Concen: 0.838 ug/l
RT: 3.176 min Scan# 571
Delta R.T. 0.003 min
Lab File: VU045691.D
Acq: 10 Nov 2021 16:31

Tgt Ion: 59 Resp: 313
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

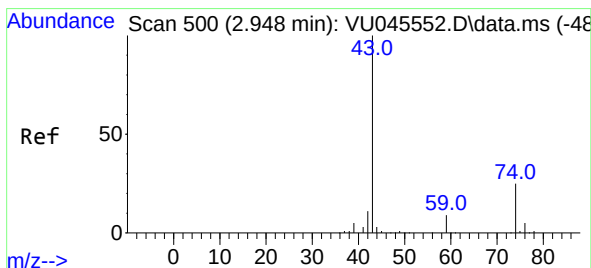
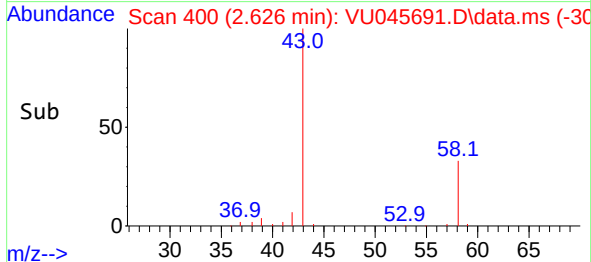
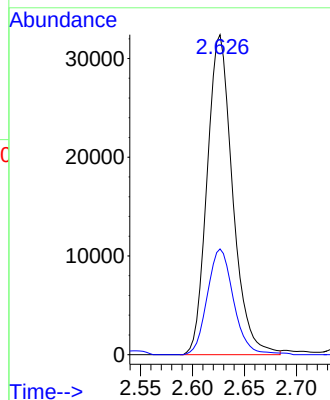
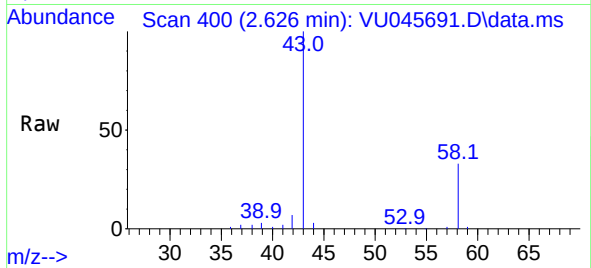




#16
Acetone
Concen: 57.601 ug/l
RT: 2.626 min Scan# 40
Delta R.T. 0.003 min
Lab File: VU045691.D
Acq: 10 Nov 2021 16:31

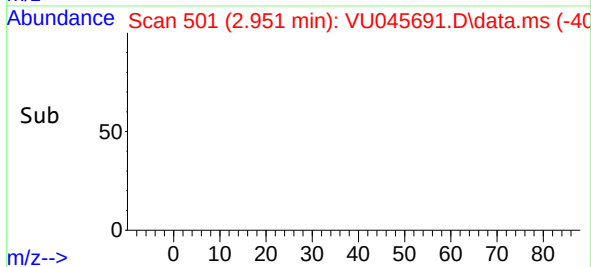
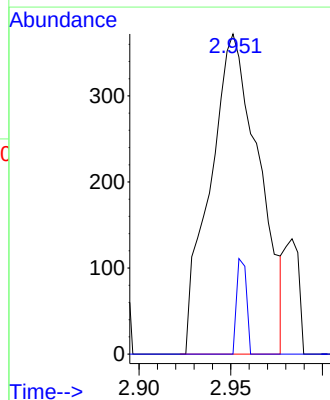
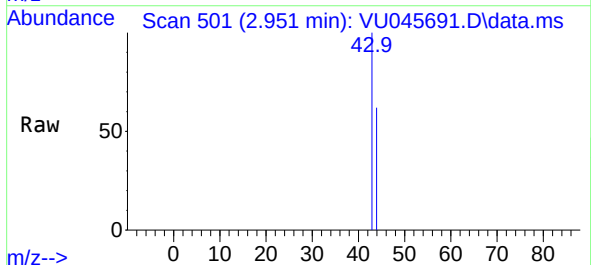
Instrument :
MSVOA_U
ClientSampleId :
WEL-BRIDGE

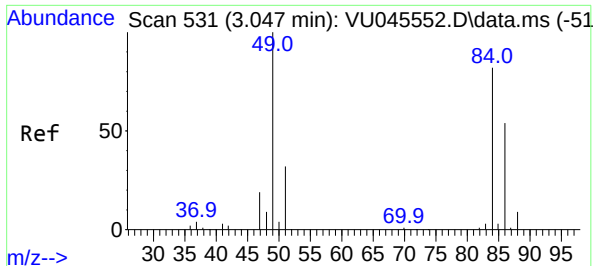
Tgt Ion: 43 Resp: 55301
Ion Ratio Lower Upper
43 100
58 33.1 26.2 39.2



#18
Methyl Acetate
Concen: 0.211 ug/l
RT: 2.951 min Scan# 501
Delta R.T. 0.003 min
Lab File: VU045691.D
Acq: 10 Nov 2021 16:31

Tgt Ion: 43 Resp: 691
Ion Ratio Lower Upper
43 100
74 5.9 20.2 30.2#



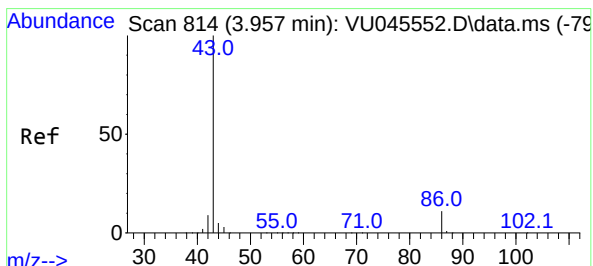
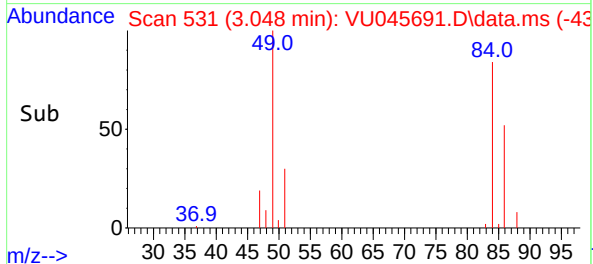
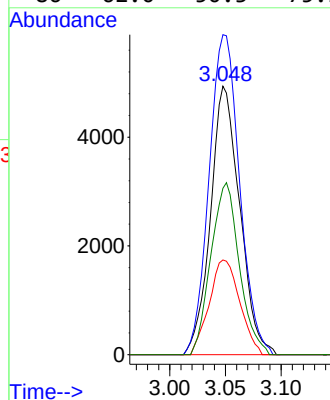
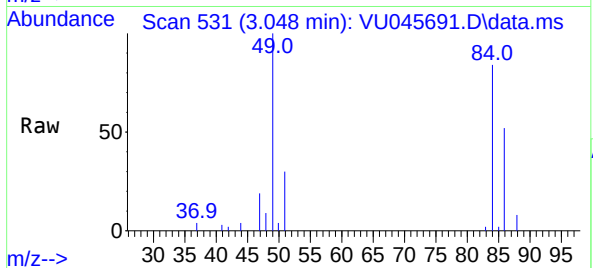


#20
Methylene Chloride
Concen: 5.414 ug/l
RT: 3.048 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU045691.D
Acq: 10 Nov 2021 16:31

Instrument :
MSVOA_U
ClientSampleId :
WEL-BRIDGE

Tgt Ion: 84 Resp: 9032

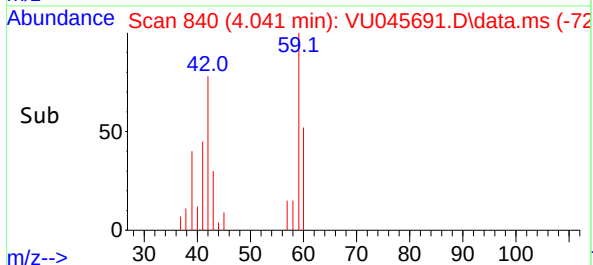
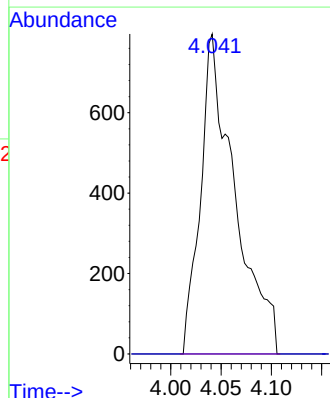
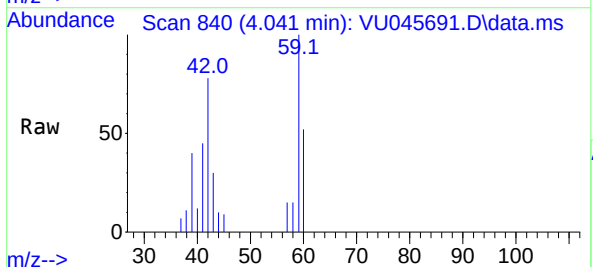
Ion	Ratio	Lower	Upper
84	100		
49	119.2	96.4	144.6
51	35.3	30.5	45.7
86	62.0	50.3	75.5

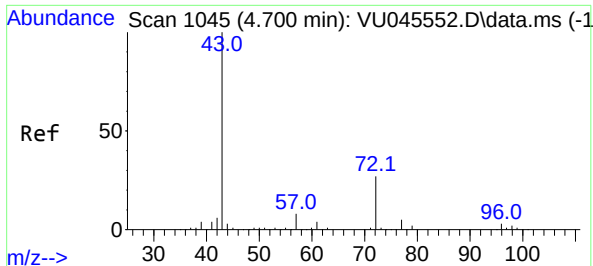


#23
Vinyl Acetate
Concen: 0.506 ug/l
RT: 4.041 min Scan# 840
Delta R.T. 0.084 min
Lab File: VU045691.D
Acq: 10 Nov 2021 16:31

Tgt Ion: 43 Resp: 1890

Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.9	13.3#

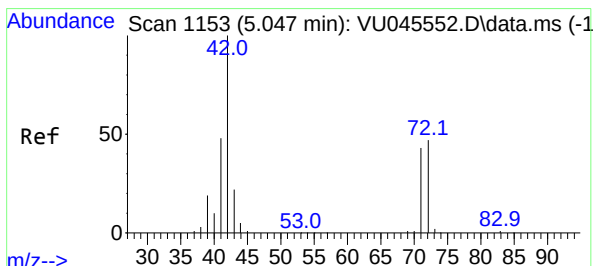
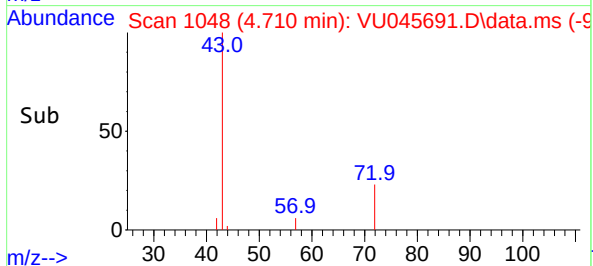
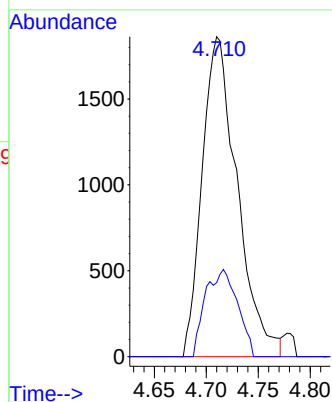
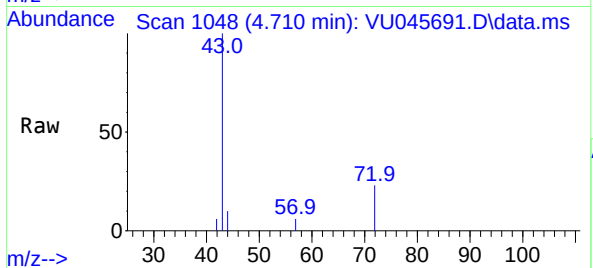




#25
2-Butanone
Concen: 3.279 ug/l
RT: 4.710 min Scan# 1048
Delta R.T. 0.010 min
Lab File: VU045691.D
Acq: 10 Nov 2021 16:31

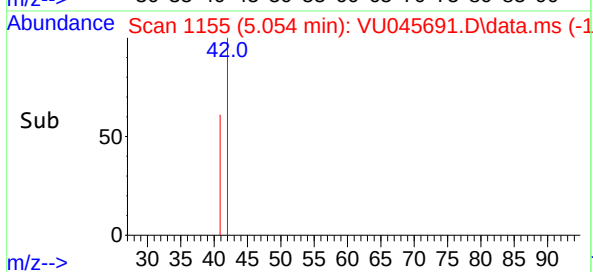
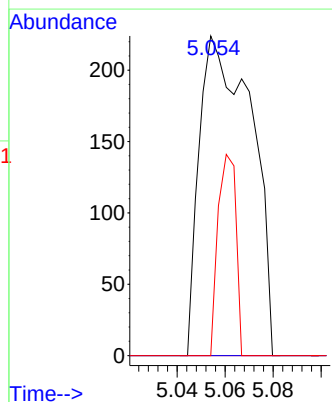
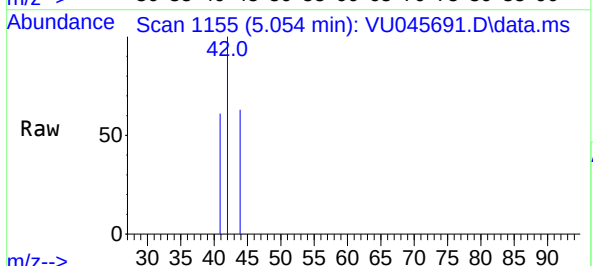
Instrument :
MSVOA_U
ClientSampleId :
WEL-BRIDGE

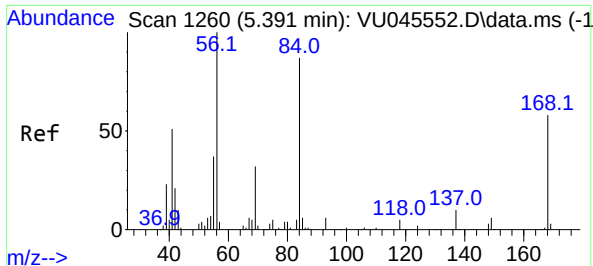
Tgt Ion: 43 Resp: 4366
Ion Ratio Lower Upper
43 100
72 23.1 22.0 33.0



#29
Tetrahydrofuran
Concen: 0.414 ug/l
RT: 5.054 min Scan# 1155
Delta R.T. 0.007 min
Lab File: VU045691.D
Acq: 10 Nov 2021 16:31

Tgt Ion: 42 Resp: 337
Ion Ratio Lower Upper
42 100
72 0.0 38.2 57.4#
71 21.7 35.4 53.2#

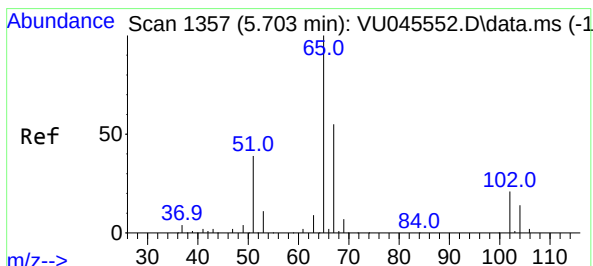
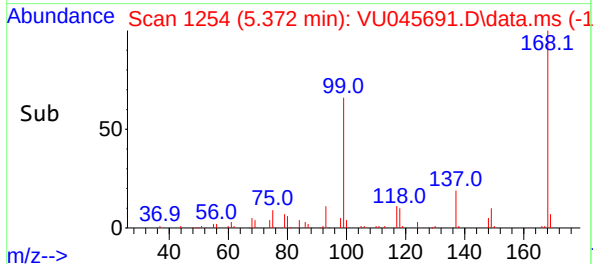
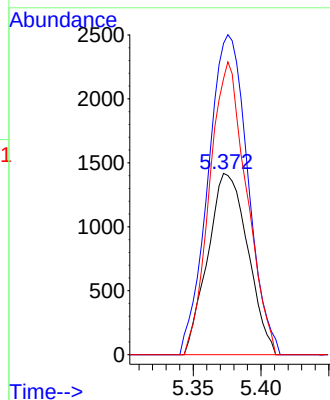
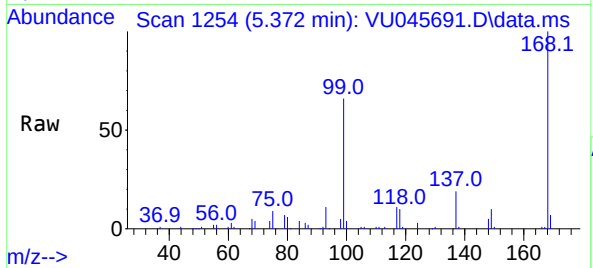




#31
Cyclohexane
Concen: 1.055 ug/l
RT: 5.372 min Scan# 1260
Delta R.T. -0.019 min
Lab File: VU045691.D
Acq: 10 Nov 2021 16:31

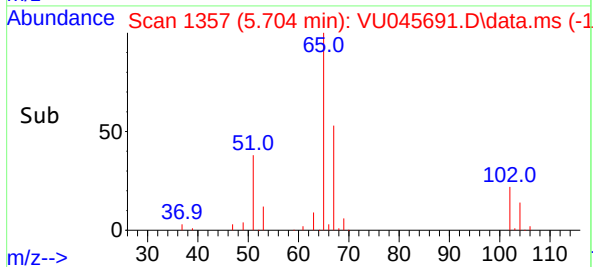
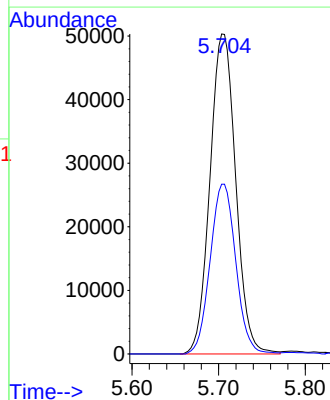
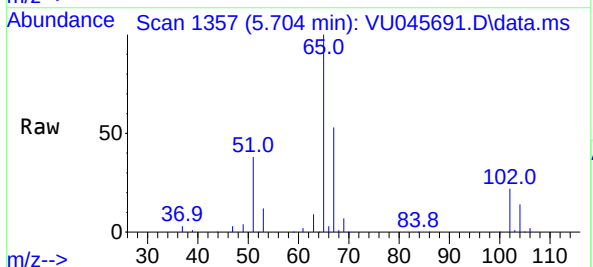
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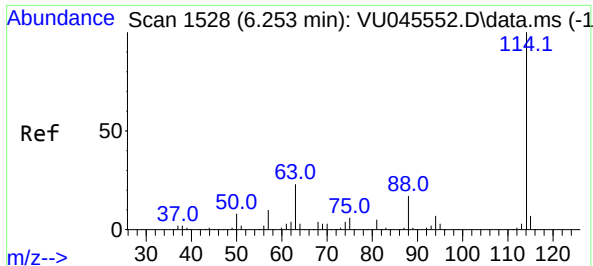
Tgt Ion: 56 Resp: 2904
Ion Ratio Lower Upper
56 100
69 171.8 26.4 39.6#
84 152.3 68.4 102.6#



#33
1,2-Dichloroethane-d4
Concen: 55.121 ug/l
RT: 5.704 min Scan# 1357
Delta R.T. 0.000 min
Lab File: VU045691.D
Acq: 10 Nov 2021 16:31

Tgt Ion: 65 Resp: 103959
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU045691.D

Acq: 10 Nov 2021 16:31

Instrument :

MSVOA_U

ClientSampleId :

WEL-BRIDGE

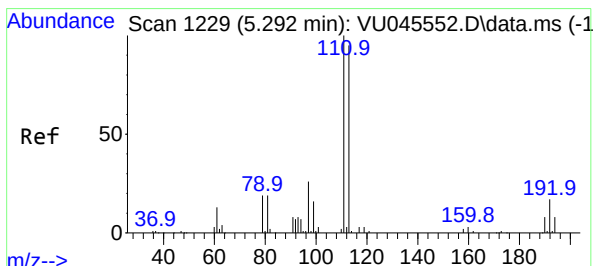
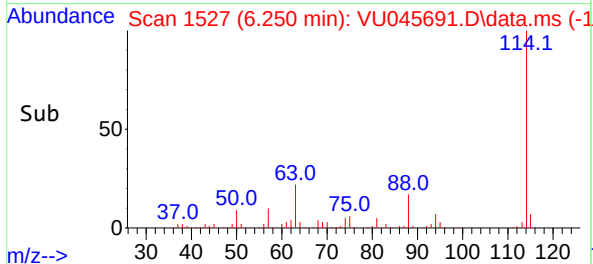
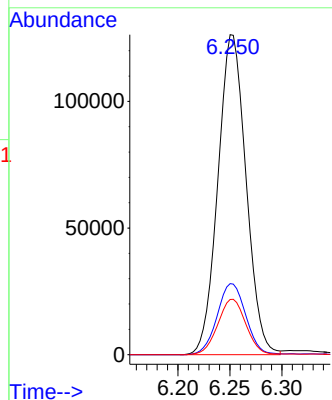
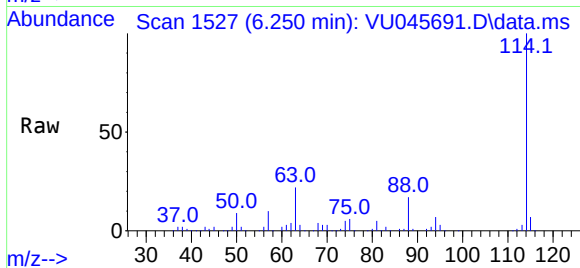
Tgt Ion:114 Resp: 238070

Ion Ratio Lower Upper

114 100

63 22.2 0.0 45.6

88 17.2 0.0 33.8



#35

Dibromofluoromethane

Concen: 36.414 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VU045691.D

Acq: 10 Nov 2021 16:31

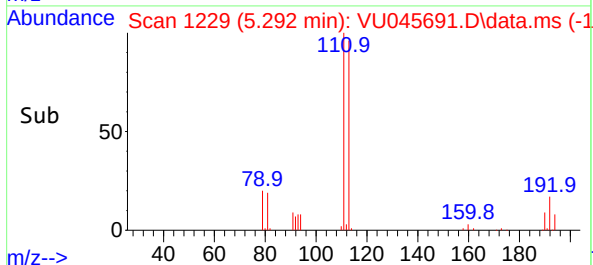
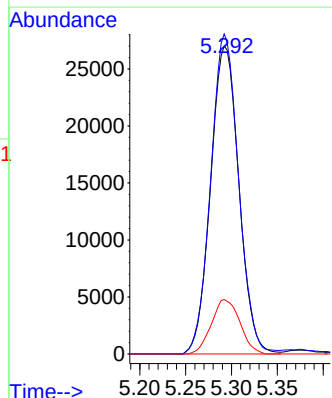
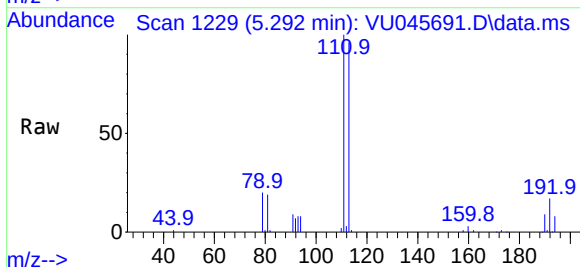
Tgt Ion:113 Resp: 57879

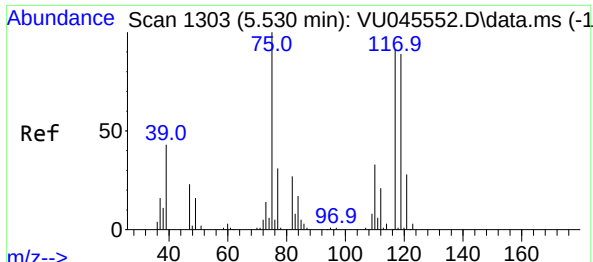
Ion Ratio Lower Upper

113 100

111 102.4 82.8 124.2

192 17.8 14.8 22.2

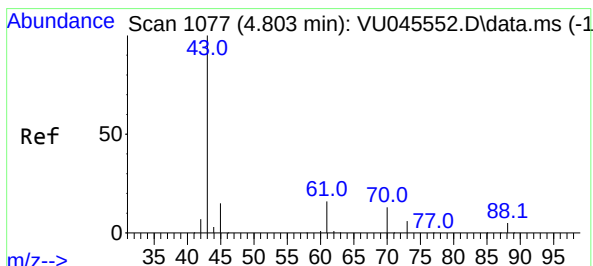
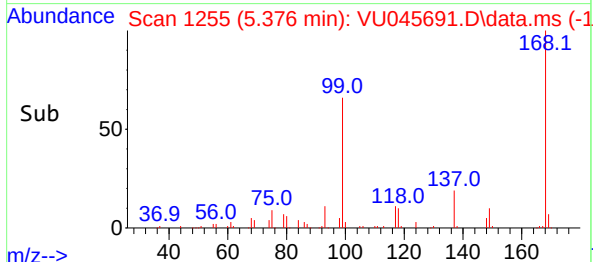
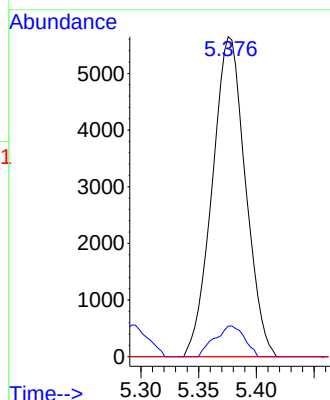
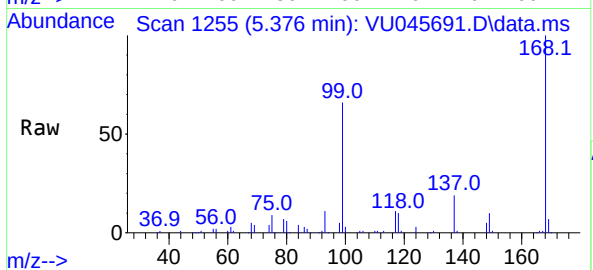




#36
1,1-Dichloropropene
Concen: 4.860 ug/l
RT: 5.376 min Scan# 11
Delta R.T. -0.154 min
Lab File: VU045691.D
Acq: 10 Nov 2021 16:31

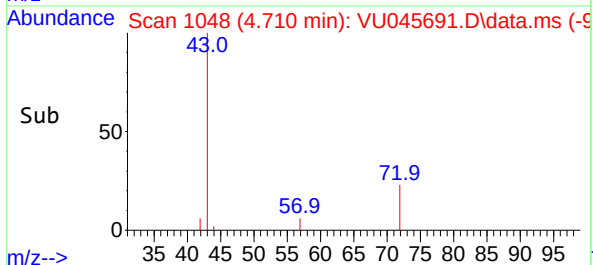
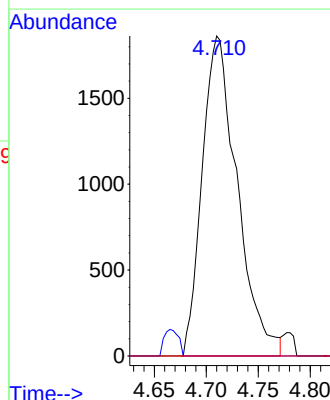
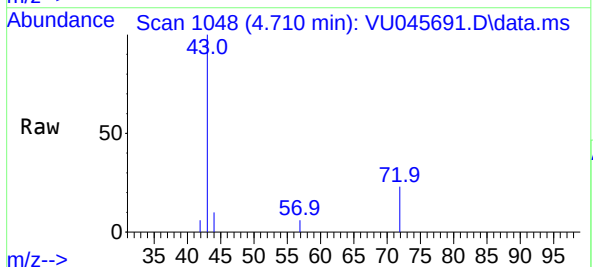
Instrument :
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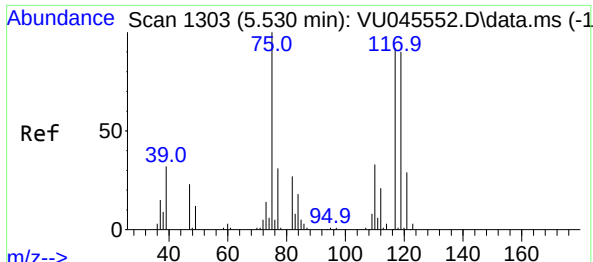
Tgt Ion: 75 Resp: 11282
Ion Ratio Lower Upper
75 100
110 8.6 16.7 50.0#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 1.637 ug/l
RT: 4.710 min Scan# 1048
Delta R.T. -0.093 min
Lab File: VU045691.D
Acq: 10 Nov 2021 16:31

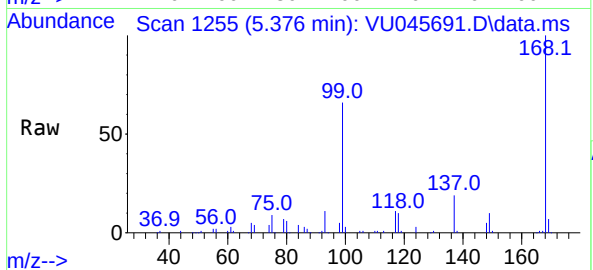
Tgt Ion: 43 Resp: 4366
Ion Ratio Lower Upper
43 100
61 0.0 11.6 17.4#
70 0.0 9.1 13.7#



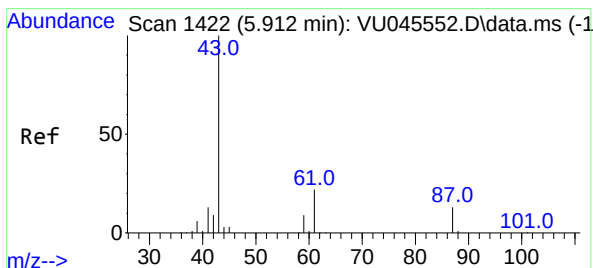
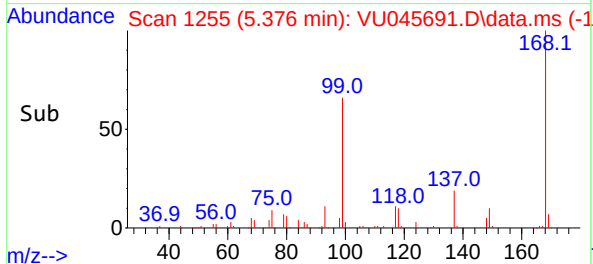
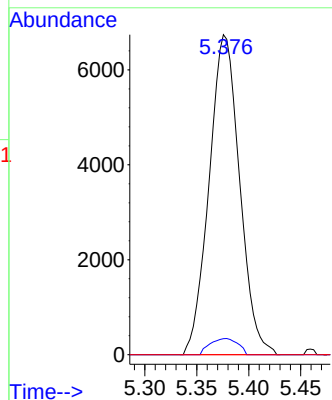


#38
Carbon Tetrachloride
Concen: 5.881 ug/l
RT: 5.376 min Scan# 117
Delta R.T. -0.154 min
Lab File: VU045691.D
Acq: 10 Nov 2021 16:31

Instrument :
MSVOA_U
ClientSampleId :
WEL-BRIDGE

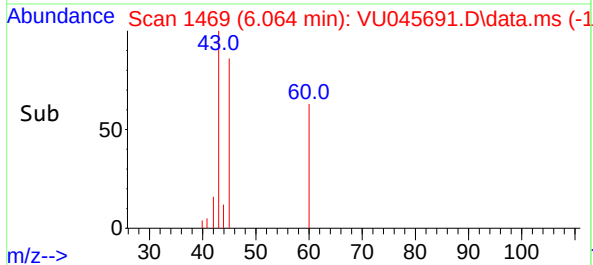
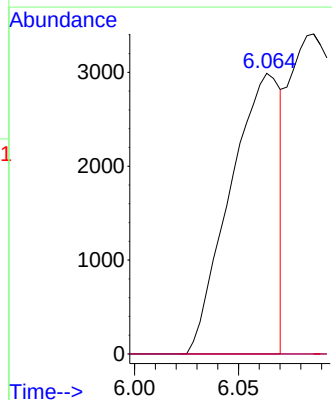
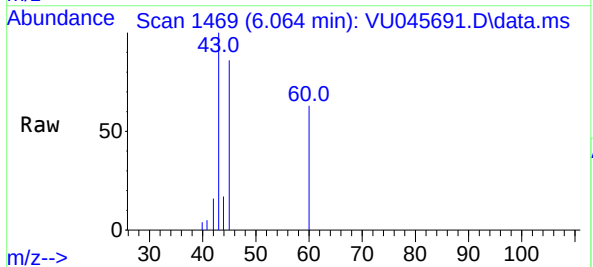


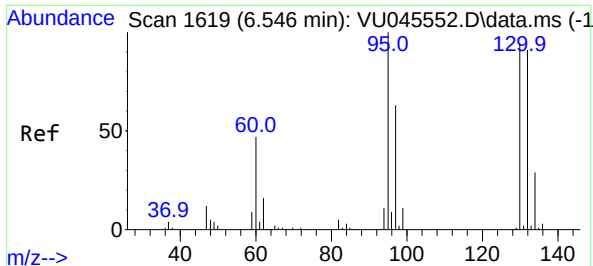
Tgt Ion:117 Resp: 13764
Ion Ratio Lower Upper
117 100
119 5.0 77.4 116.0#
121 0.0 24.8 37.2#



#43
Isopropyl Acetate
Concen: 1.227 ug/l
RT: 6.064 min Scan# 1469
Delta R.T. 0.151 min
Lab File: VU045691.D
Acq: 10 Nov 2021 16:31

Tgt Ion: 43 Resp: 5004
Ion Ratio Lower Upper
43 100
61 0.0 16.9 25.3#
87 0.0 11.0 16.4#





#44

Trichloroethene

Concen: 0.524 ug/l

RT: 6.549 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU045691.D

Acq: 10 Nov 2021 16:31

Instrument :

MSVOA_U

ClientSampleId :

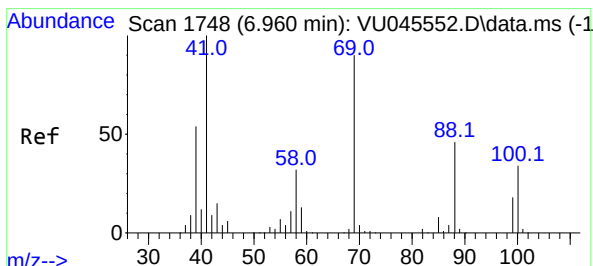
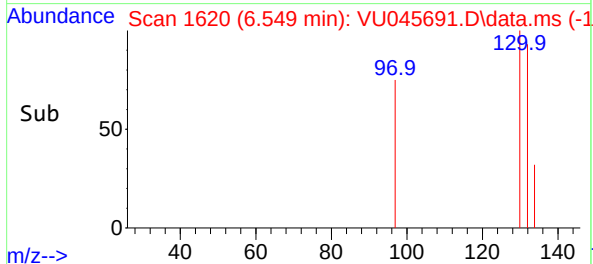
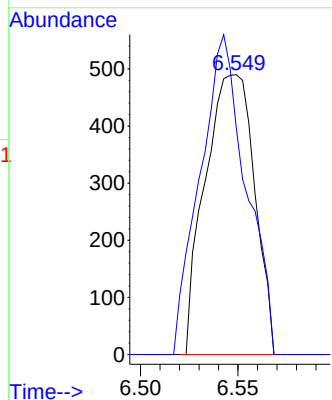
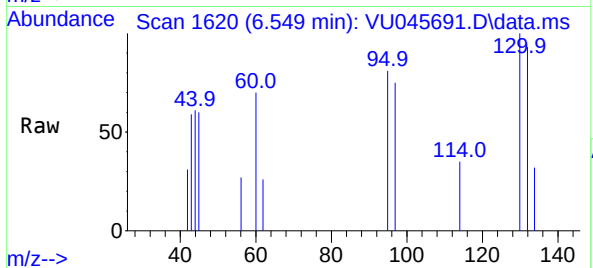
WEL-BRIDGE

Tgt Ion:130 Resp: 862

Ion Ratio Lower Upper

130 100

95 80.8 0.0 211.4



#48

Methyl methacrylate

Concen: 2.714 ug/l

RT: 6.893 min Scan# 1727

Delta R.T. -0.067 min

Lab File: VU045691.D

Acq: 10 Nov 2021 16:31

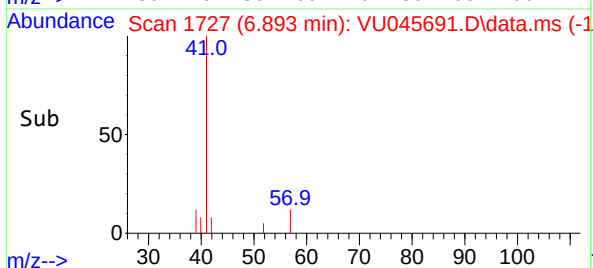
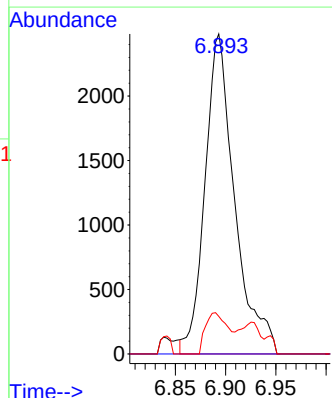
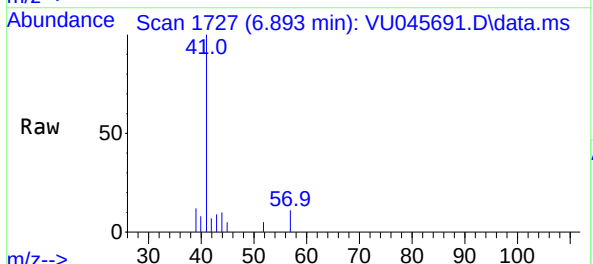
Tgt Ion: 41 Resp: 5095

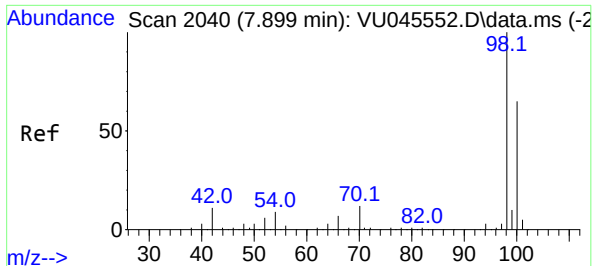
Ion Ratio Lower Upper

41 100

69 0.0 70.2 105.2#

39 10.0 43.9 65.9#

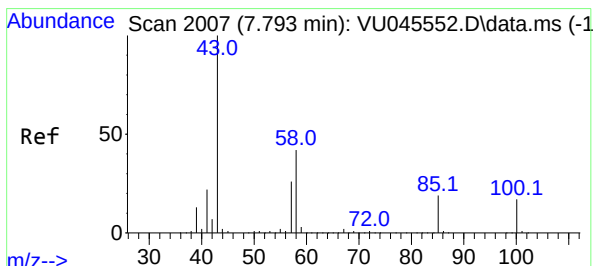
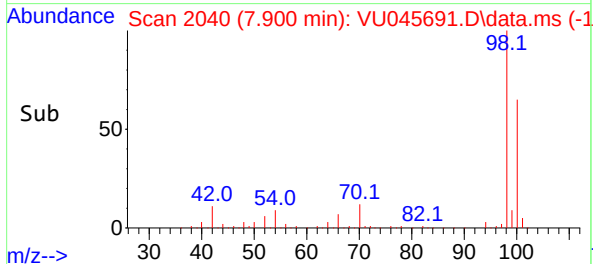
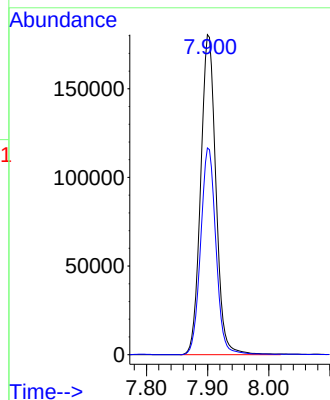
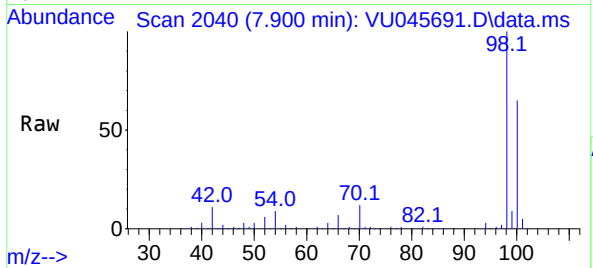




#50
Toluene-d8
Concen: 52.915 ug/l
RT: 7.900 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU045691.D
Acq: 10 Nov 2021 16:31

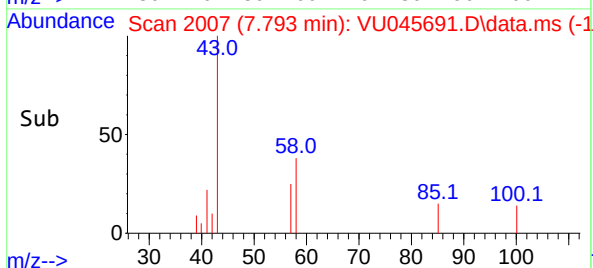
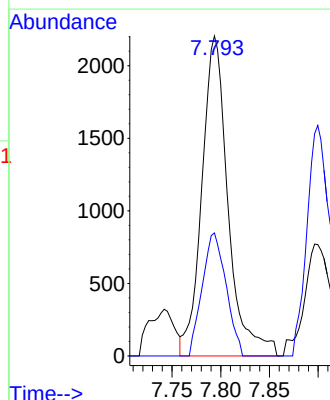
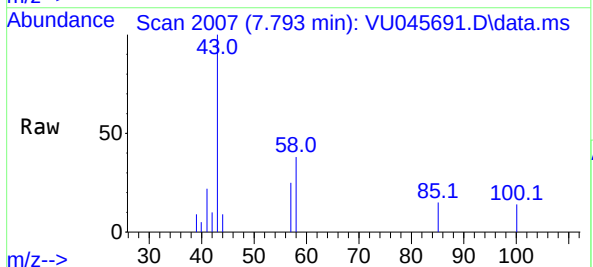
Instrument :
MSVOA_U
ClientSampleId :
WEL-BRIDGE

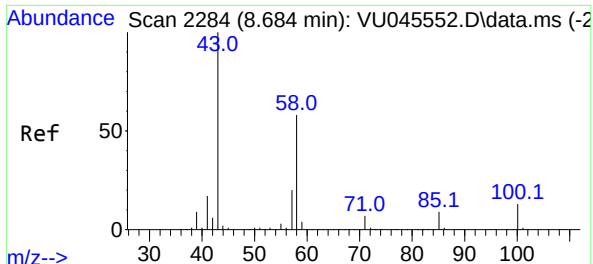
Tgt Ion: 98 Resp: 312750
Ion Ratio Lower Upper
98 100
100 65.0 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 1.531 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. 0.000 min
Lab File: VU045691.D
Acq: 10 Nov 2021 16:31

Tgt Ion: 43 Resp: 4120
Ion Ratio Lower Upper
43 100
58 34.9 33.8 50.8

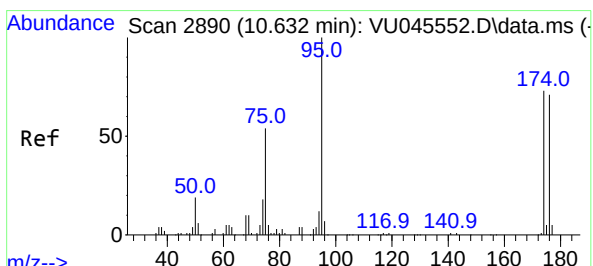
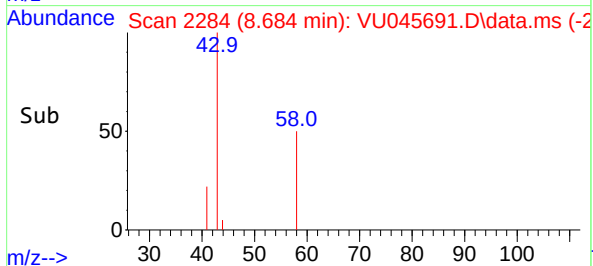
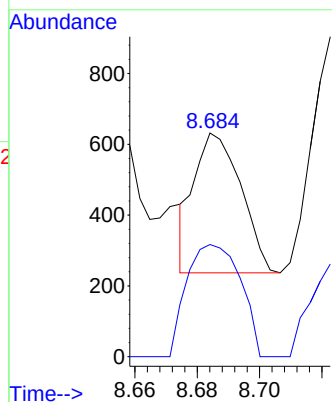
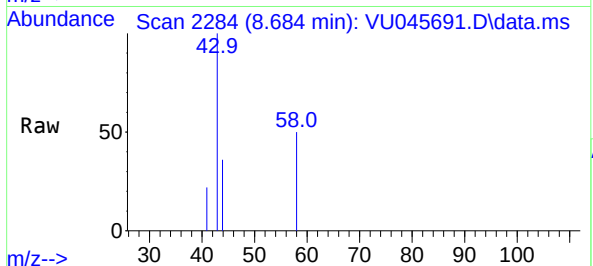




#59
2-Hexanone
Concen: 7.705 ug/l
RT: 8.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045691.D
Acq: 10 Nov 2021 16:31

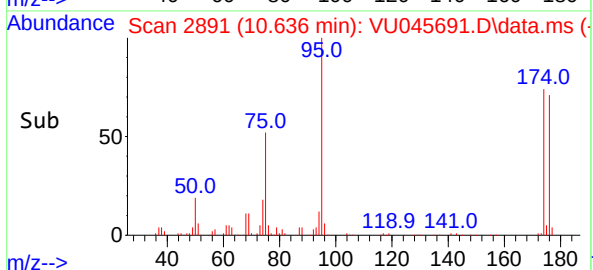
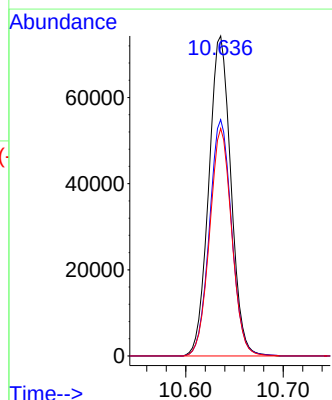
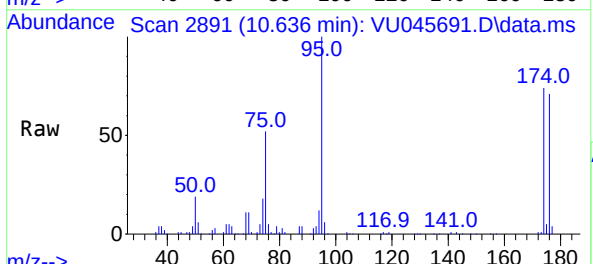
Instrument :
MSVOA_U
ClientSampleId :
WEL-BRIDGE

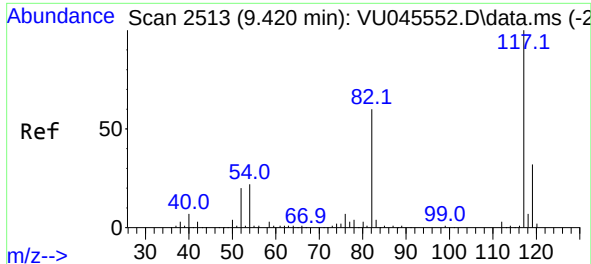
Tgt Ion: 43 Resp: 410
Ion Ratio Lower Upper
43 100
58 92.7 29.5 88.6#



#62
4-Bromofluorobenzene
Concen: 49.404 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045691.D
Acq: 10 Nov 2021 16:31

Tgt Ion: 95 Resp: 117090
Ion Ratio Lower Upper
95 100
174 74.2 0.0 141.8
176 70.9 0.0 138.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.420 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU045691.D

Acq: 10 Nov 2021 16:31

Instrument :

MSVOA_U

ClientSampleId :

WEL-BRIDGE

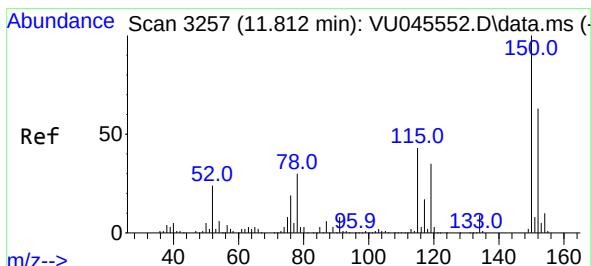
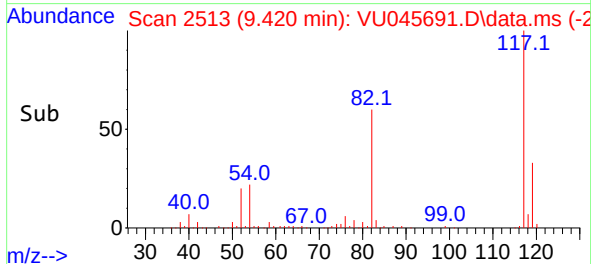
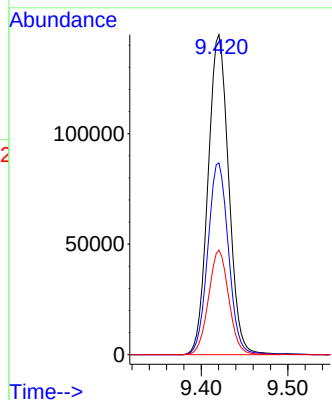
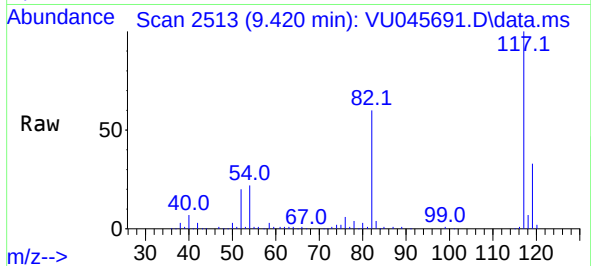
Tgt Ion:117 Resp: 240184

Ion Ratio Lower Upper

117 100

82 59.9 47.8 71.8

119 32.7 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.816 min Scan# 3258

Delta R.T. 0.003 min

Lab File: VU045691.D

Acq: 10 Nov 2021 16:31

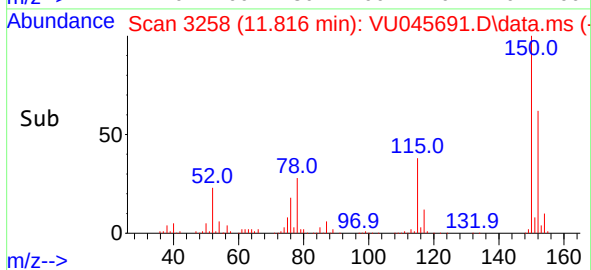
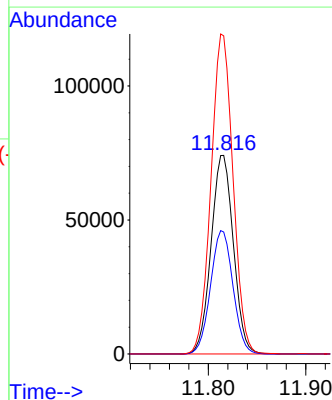
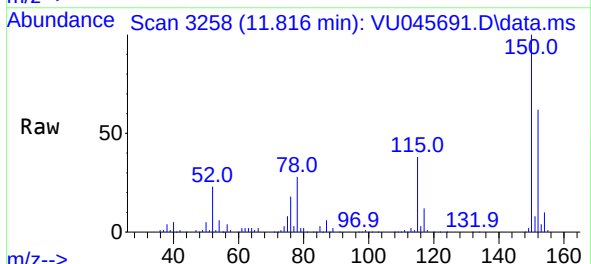
Tgt Ion:152 Resp: 117934

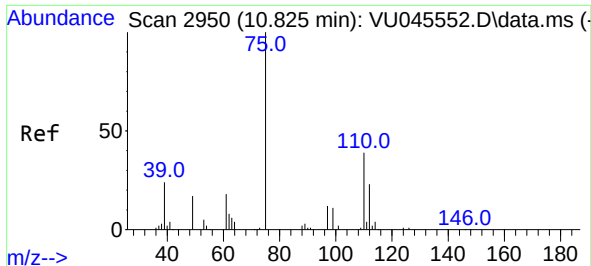
Ion Ratio Lower Upper

152 100

115 62.4 42.7 128.1

150 158.8 0.0 346.8

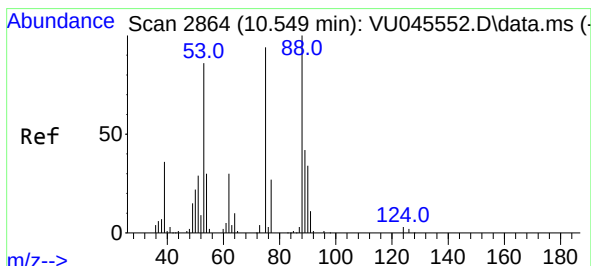
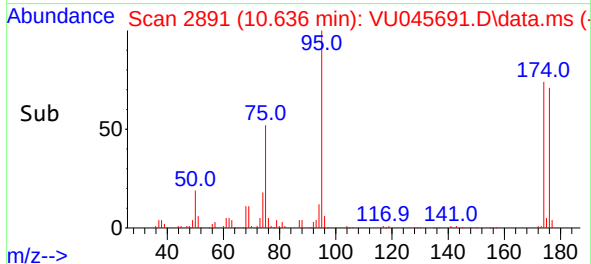
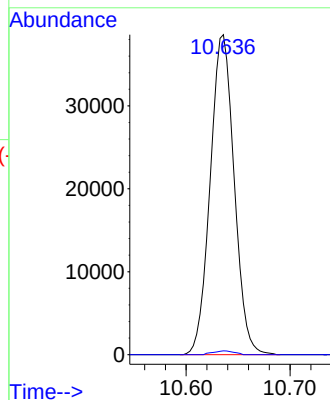
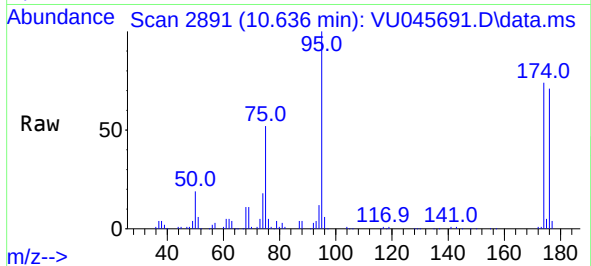




#76
1,2,3-Trichloropropane
Concen: 17.302 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.189 min
Lab File: VU045691.D
Acq: 10 Nov 2021 16:31

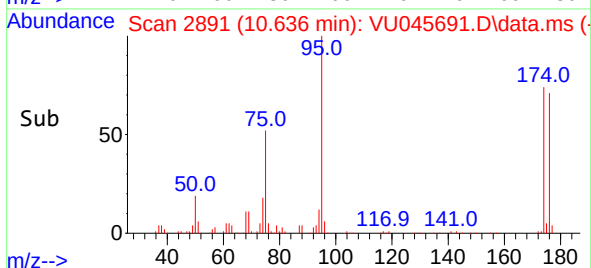
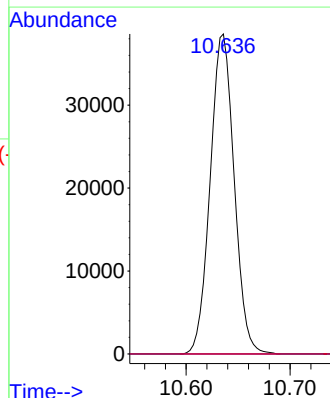
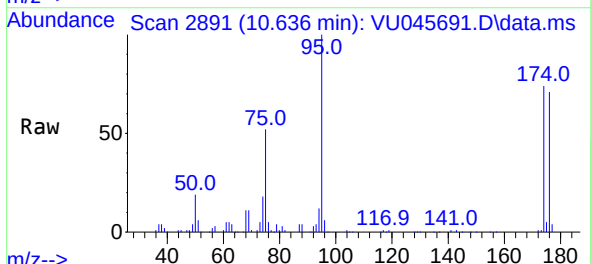
Instrument :
MSVOA_U
ClientSampleId :
WEL-BRIDGE

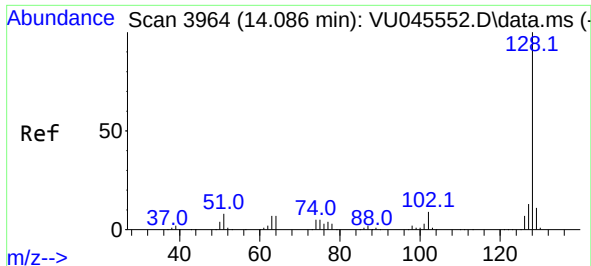
Tgt Ion: 75 Resp: 61878
Ion Ratio Lower Upper
75 100
77 1.0 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.279 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.087 min
Lab File: VU045691.D
Acq: 10 Nov 2021 16:31

Tgt Ion: 75 Resp: 61878
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#





#95

Naphthalene

Concen: 1.111 ug/l

RT: 14.086 min Scan# 3964

Delta R.T. -0.000 min

Lab File: VU045691.D

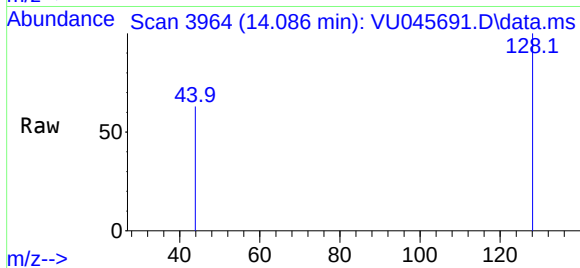
Acq: 10 Nov 2021 16:31

Instrument :

MSVOA_U

ClientSampleId :

WEL-BRIDGE



Tgt Ion:128 Resp: 802

Ion Ratio Lower Upper

128 100

127 0.0 10.6 15.8#

129 0.0 8.6 13.0#

