

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032521\
 Data File : VU042784.D
 Acq On : 25 Mar 2021 14:50
 Operator : SY/MD
 Sample : M1791-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXTERIOR-SLAB-BRICK-1

Quant Time: Mar 26 02:05:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 25 05:42:00 2021
 Response via : Initial Calibration

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

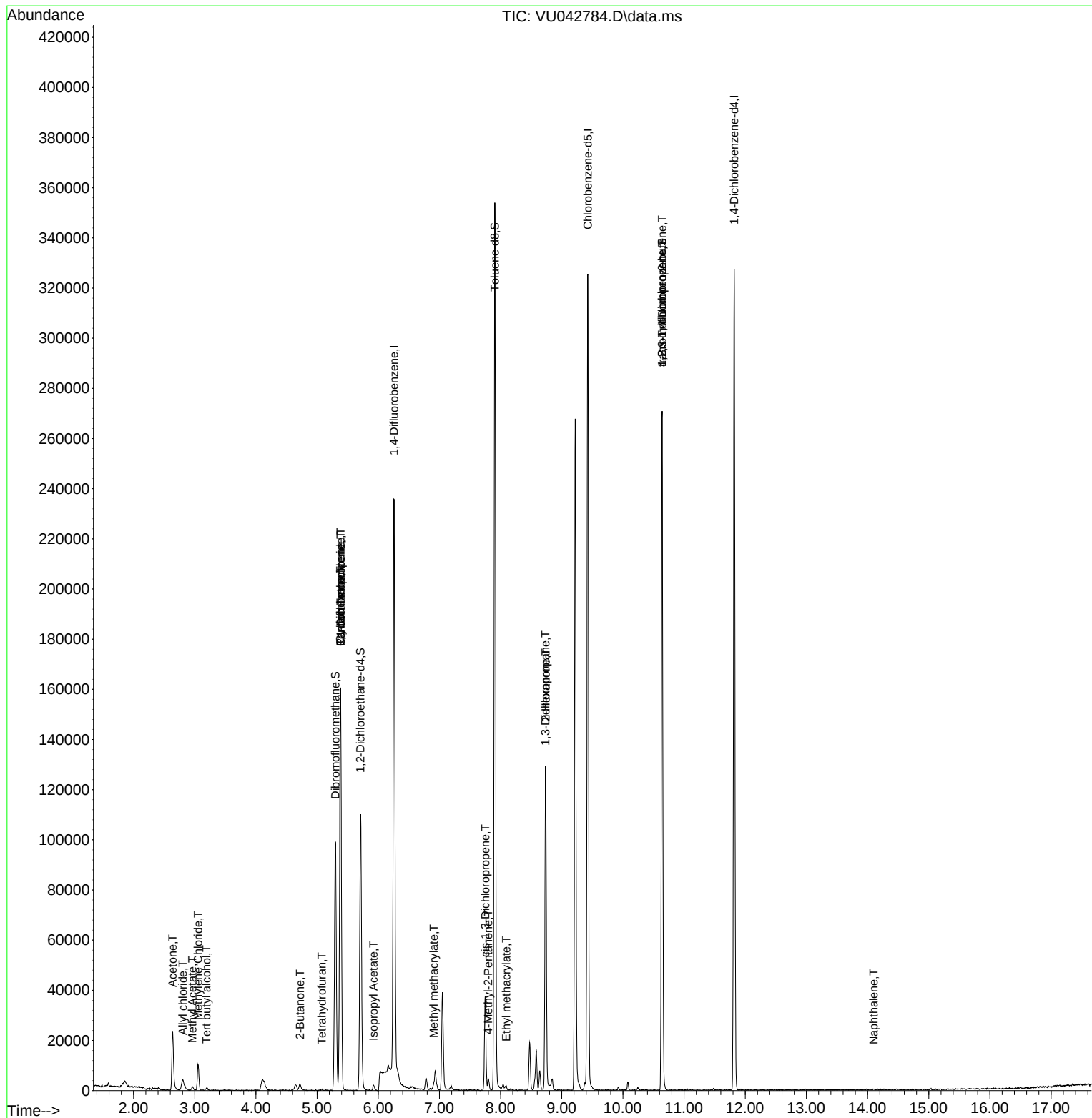
Internal Standards						
1) Pentafluorobenzene	5.385	168	109645	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.259	114	171577	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.427	117	170420	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	81724	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	85522	48.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.86%	
35) Dibromofluoromethane	5.301	113	60302	47.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.18%	
50) Toluene-d8	7.906	98	216724	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
62) 4-Bromofluorobenzene	10.642	95	78966	45.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.22%	
Target Compounds					Qvalue	
5) Bromomethane	1.867	94	146	Below Cal		83
11) Tert butyl alcohol	3.192	59	244	0.65 ug/l #		74
14) Allyl chloride	2.803	41	710	0.33 ug/l #		62
16) Acetone	2.639	43	30949	22.55 ug/l		97
18) Methyl Acetate	2.961	43	2284	1.14 ug/l #		90
20) Methylene Chloride	3.054	84	4291	3.41 ug/l		98
25) 2-Butanone	4.723	43	4468	3.14 ug/l		95
29) Tetrahydrofuran	5.076	42	306	0.35 ug/l #		38
31) Cyclohexane	5.382	56	2788	1.28 ug/l #		34
36) 1,1-Dichloropropene	5.385	75	8816	5.19 ug/l #		51
38) Carbon Tetrachloride	5.385	117	11217	5.79 ug/l #		17
43) Isopropyl Acetate	5.922	43	2520	0.64 ug/l #		87
48) Methyl methacrylate	6.909	41	3220	1.68 ug/l #		27
51) 4-Methyl-2-Pentanone	7.796	43	2966	1.07 ug/l		98
54) cis-1,3-Dichloropropene	7.751	75	5468	2.53 ug/l #		68
56) Ethyl methacrylate	8.092	69	841	0.41 ug/l #		77
57) 1,3-Dichloropropane	8.732	76	1282	0.56 ug/l #		42
59) 2-Hexanone	8.735	43	20636	9.35 ug/l #		55
76) 1,2,3-Trichloropropane	10.642	75	44479	21.40 ug/l #		38
81) trans-1,4-Dichloro-2-b...	10.642	75	44479	63.41 ug/l #		6
95) Naphthalene	14.098	128	247	2.62 ug/l #		68

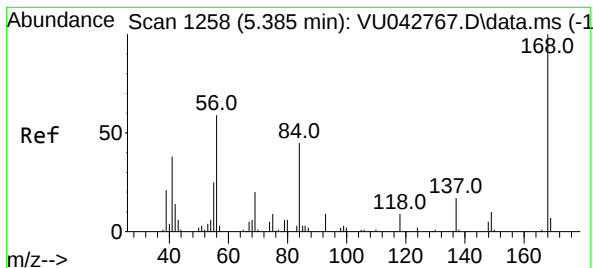
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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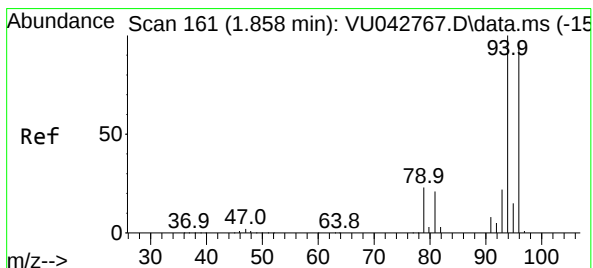
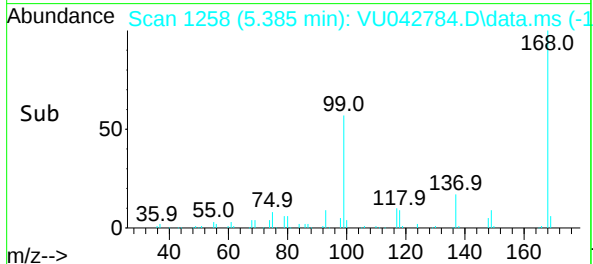
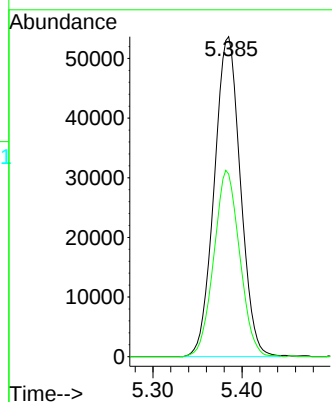
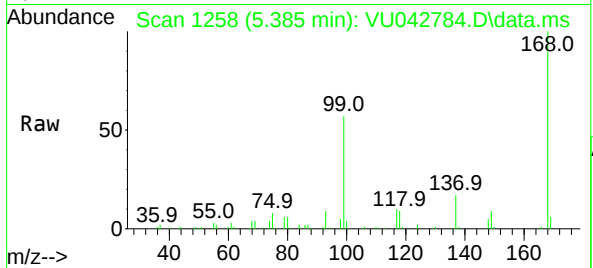




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VU042784.D
Acq: 25 Mar 2021 14:50

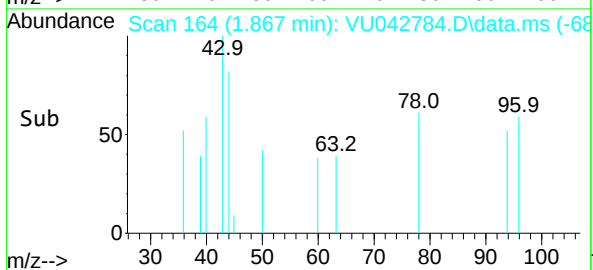
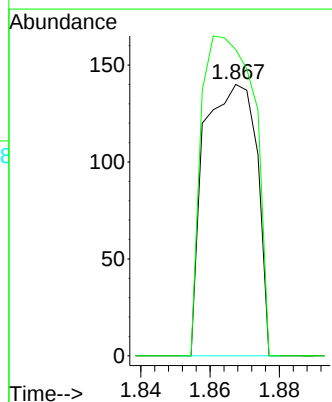
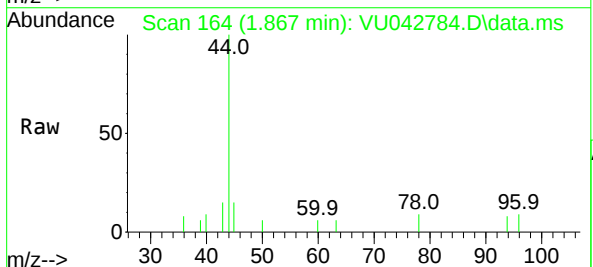
Instrument :
MSVOA_U
ClientSampleId :
EXTERIOR-SLAB-BRICK-1

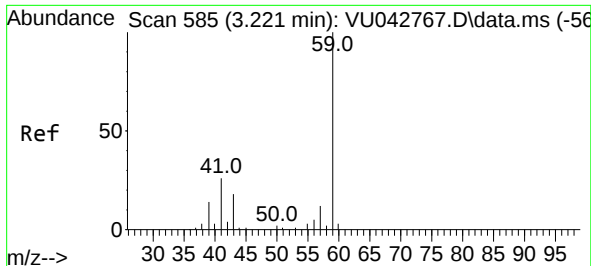
Tgt Ion:168 Resp: 109645
Ion Ratio Lower Upper
168 100
99 57.0 46.4 69.6



#5
Bromomethane
Concen: Below Cal
RT: 1.867 min Scan# 164
Delta R.T. 0.009 min
Lab File: VU042784.D
Acq: 25 Mar 2021 14:50

Tgt Ion: 94 Resp: 146
Ion Ratio Lower Upper
94 100
96 112.9 77.1 115.7



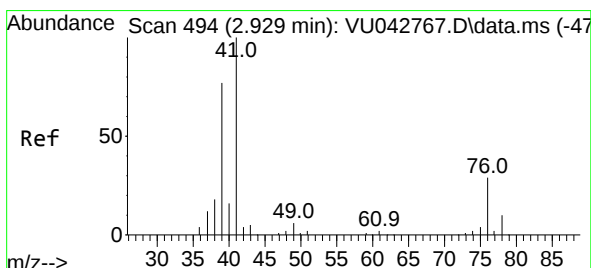
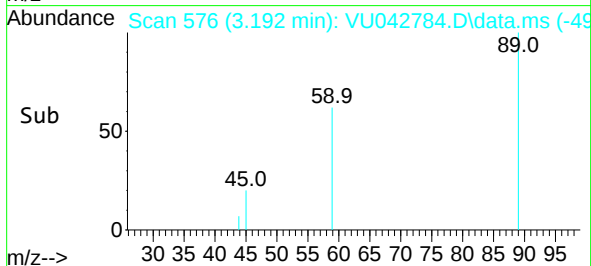
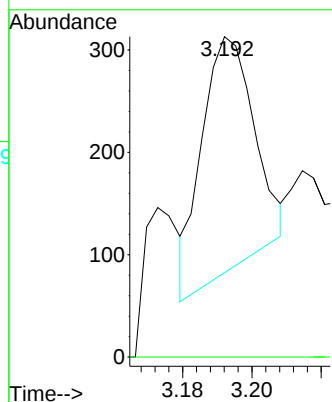
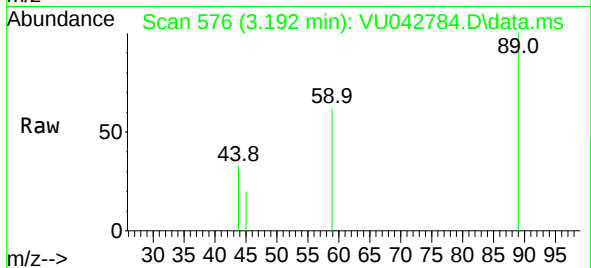


#11

Tert butyl alcohol
Concen: 0.65 ug/l
RT: 3.192 min Scan# 576
Delta R.T. -0.029 min
Lab File: VU042784.D
Acq: 25 Mar 2021 14:50

Instrument :
MSVOA_U
ClientSampleId :
EXTERIOR-SLAB-BRICK-1

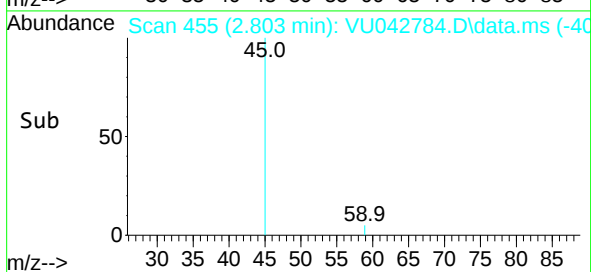
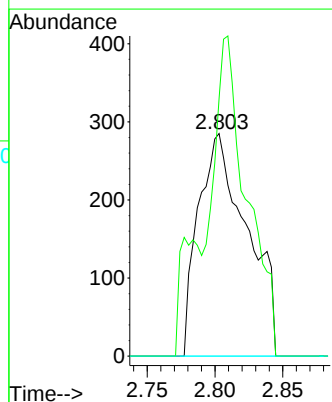
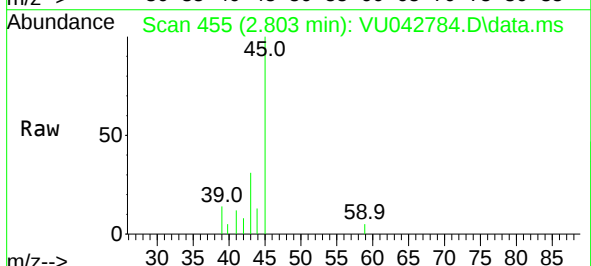
Tgt Ion: 59 Resp: 244
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

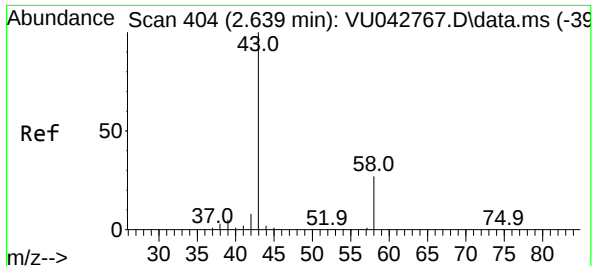


#14

Allyl chloride
Concen: 0.33 ug/l
RT: 2.803 min Scan# 455
Delta R.T. -0.126 min
Lab File: VU042784.D
Acq: 25 Mar 2021 14:50

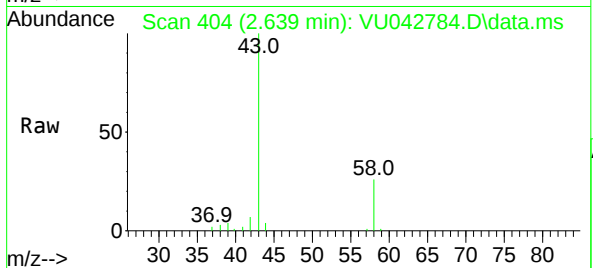
Tgt Ion: 41 Resp: 710
Ion Ratio Lower Upper
41 100
39 98.7 57.4 86.2#
76 0.0 22.0 33.0#



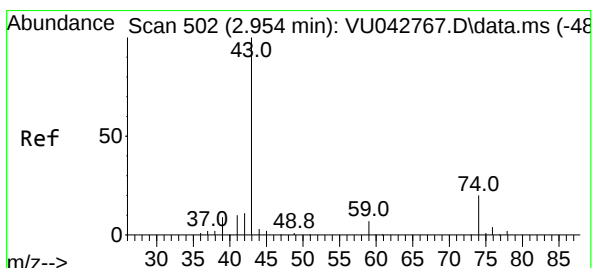
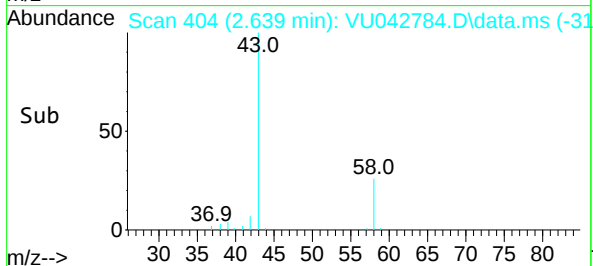
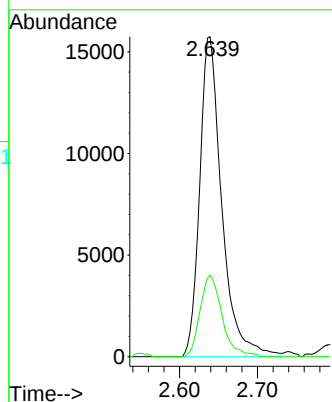


#16
Acetone
Concen: 22.55 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.000 min
Lab File: VU042784.D
Acq: 25 Mar 2021 14:50

Instrument :
MSVOA_U
ClientSampleId :
EXTERIOR-SLAB-BRICK-1

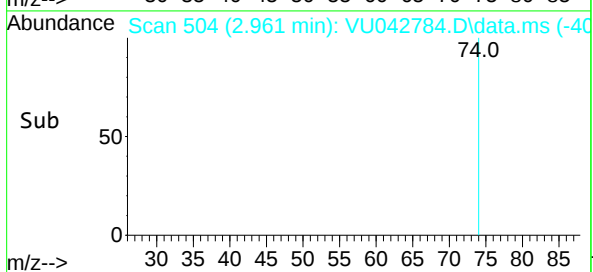
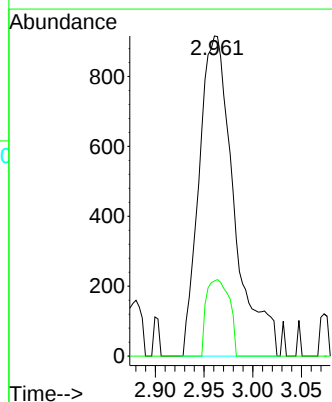
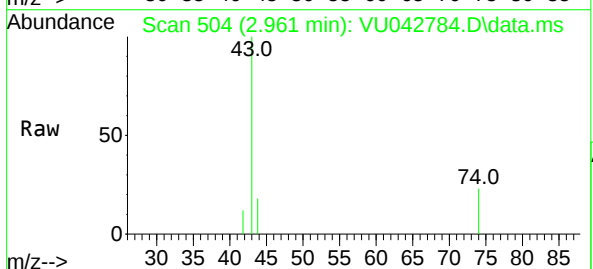


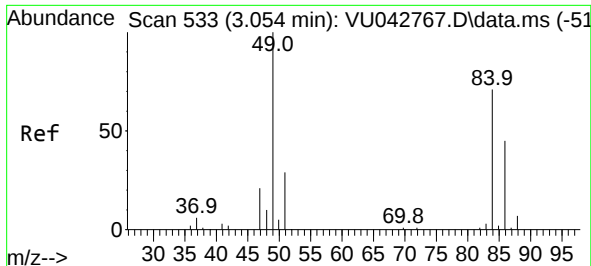
Tgt Ion: 43 Resp: 30949
Ion Ratio Lower Upper
43 100
58 25.5 21.6 32.4



#18
Methyl Acetate
Concen: 1.14 ug/l
RT: 2.961 min Scan# 504
Delta R.T. 0.006 min
Lab File: VU042784.D
Acq: 25 Mar 2021 14:50

Tgt Ion: 43 Resp: 2284
Ion Ratio Lower Upper
43 100
74 15.7 16.2 24.4#



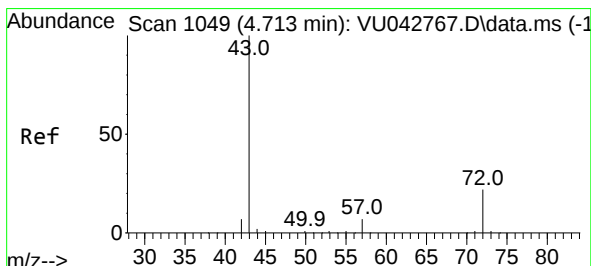
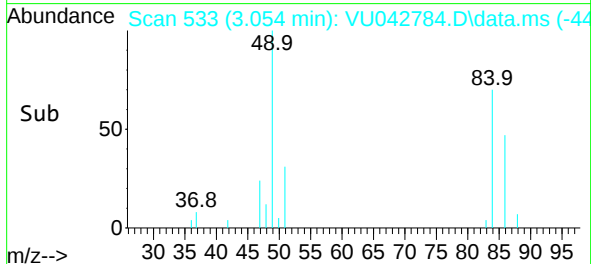
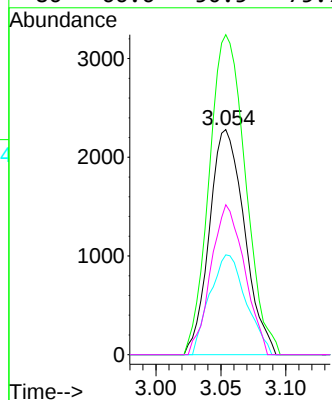
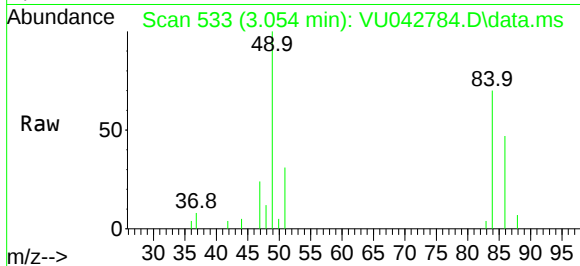


#20
Methylene Chloride
Concen: 3.41 ug/l
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU042784.D
Acq: 25 Mar 2021 14:50

Instrument :
MSVOA_U
ClientSampleId :
EXTERIOR-SLAB-BRICK-1

Tgt Ion: 84 Resp: 4291

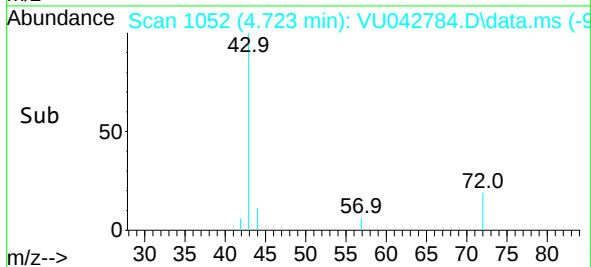
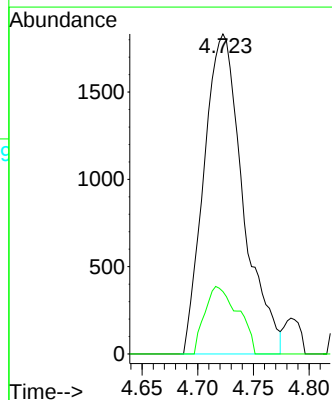
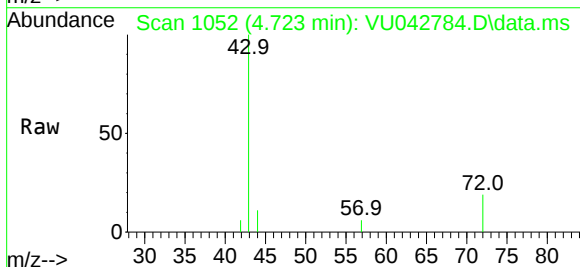
Ion	Ratio	Lower	Upper
84	100		
49	142.1	113.0	169.4
51	44.3	32.9	49.3
86	66.6	50.5	75.7

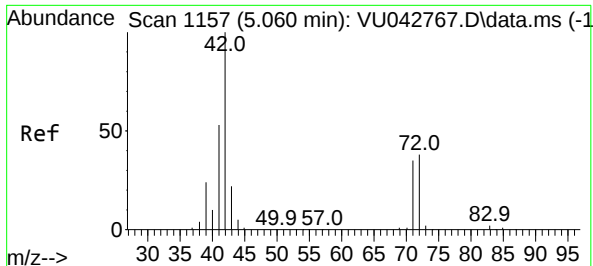


#25
2-Butanone
Concen: 3.14 ug/l
RT: 4.723 min Scan# 1052
Delta R.T. 0.009 min
Lab File: VU042784.D
Acq: 25 Mar 2021 14:50

Tgt Ion: 43 Resp: 4468

Ion	Ratio	Lower	Upper
43	100		
72	19.5	17.7	26.5





#29

Tetrahydrofuran

Concen: 0.35 ug/l

RT: 5.076 min Scan# 1162

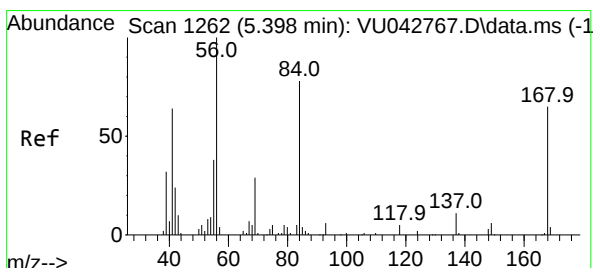
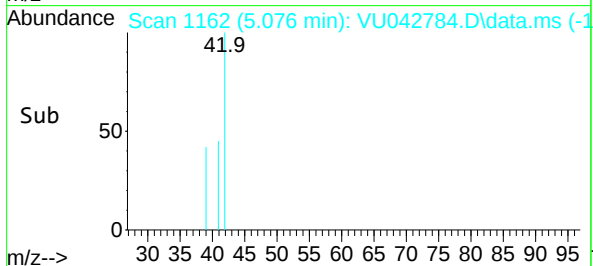
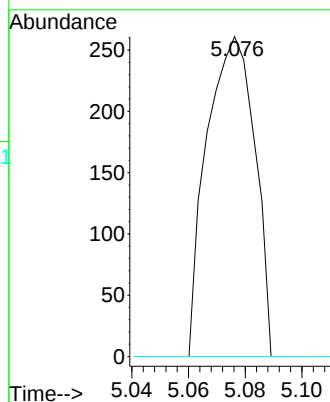
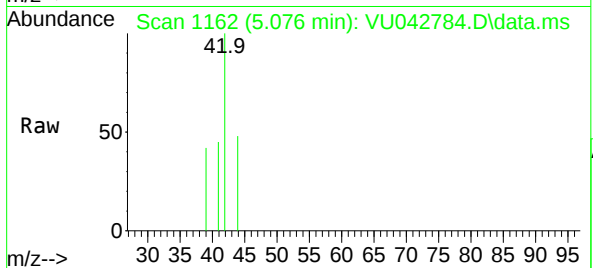
Delta R.T. 0.016 min

Lab File: VU042784.D

Acq: 25 Mar 2021 14:50

Tgt Ion:	42	Resp:	306
Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.2	45.4#
71	0.0	28.6	42.8#

Instrument :
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ClientSampleId :
EXTERIOR-SLAB-BRICK-1



#31

Cyclohexane

Concen: 1.28 ug/l

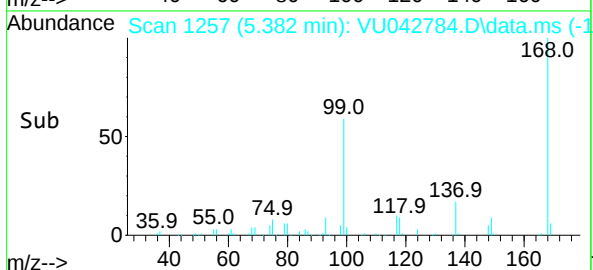
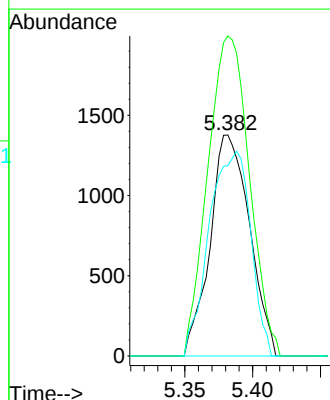
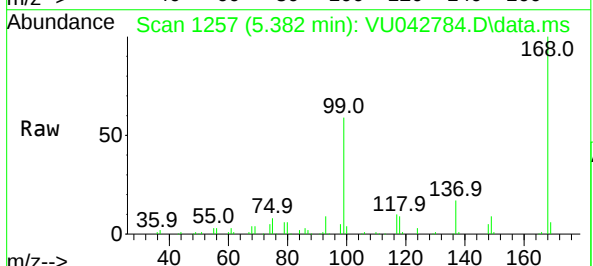
RT: 5.382 min Scan# 1257

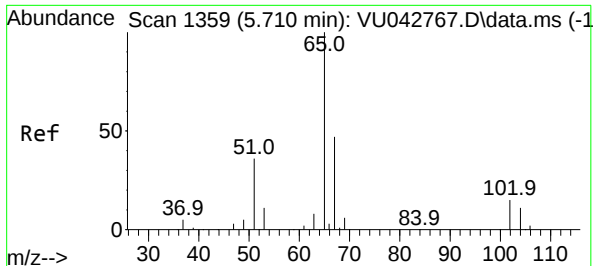
Delta R.T. -0.016 min

Lab File: VU042784.D

Acq: 25 Mar 2021 14:50

Tgt Ion:	56	Resp:	2788
Ion	Ratio	Lower	Upper
56	100		
69	144.8	23.3	34.9#
84	86.1	62.2	93.4

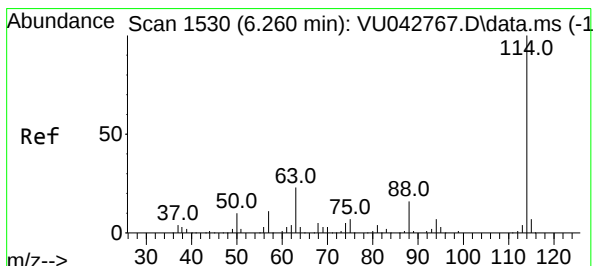
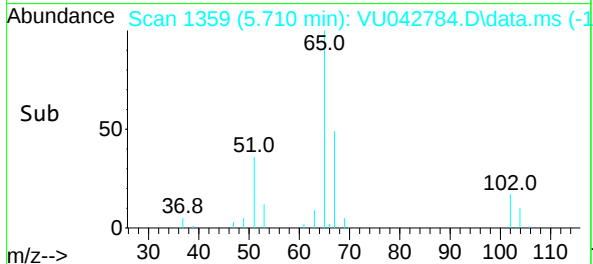
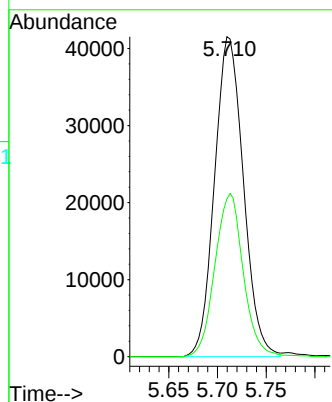
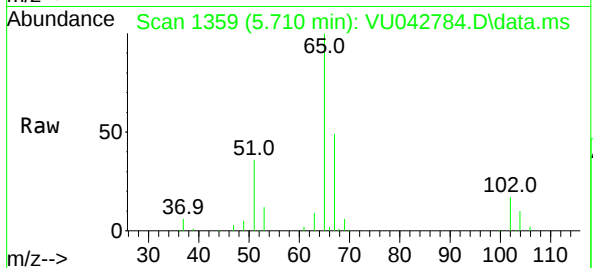




#33
1,2-Dichloroethane-d4
Concen: 48.93 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU042784.D
Acq: 25 Mar 2021 14:50

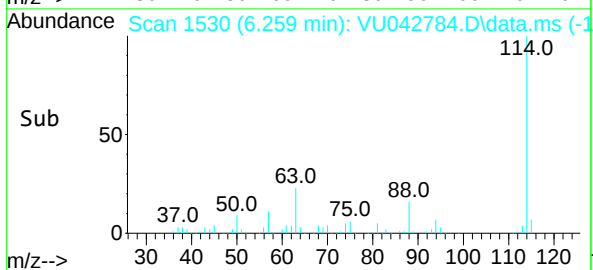
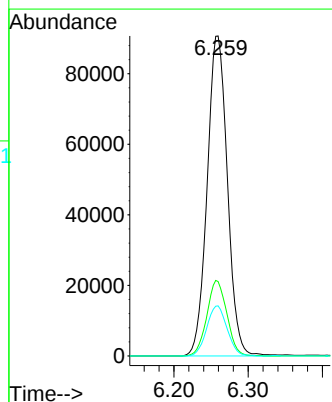
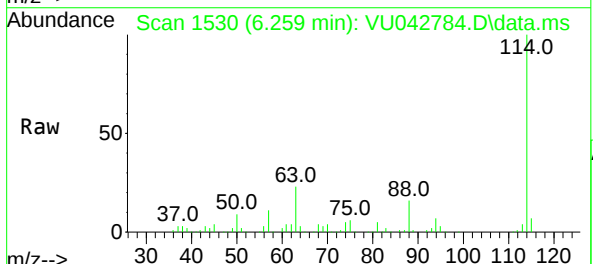
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MSVOA_U
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EXTERIOR-SLAB-BRICK-1

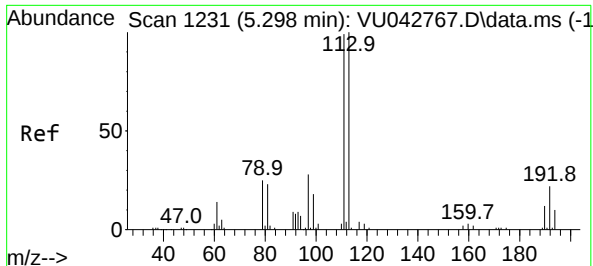
Tgt Ion: 65 Resp: 85522
Ion Ratio Lower Upper
65 100
67 50.2 0.0 98.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.259 min Scan# 1530
Delta R.T. -0.001 min
Lab File: VU042784.D
Acq: 25 Mar 2021 14:50

Tgt Ion: 114 Resp: 171577
Ion Ratio Lower Upper
114 100
63 23.2 0.0 46.8
88 15.6 0.0 32.2

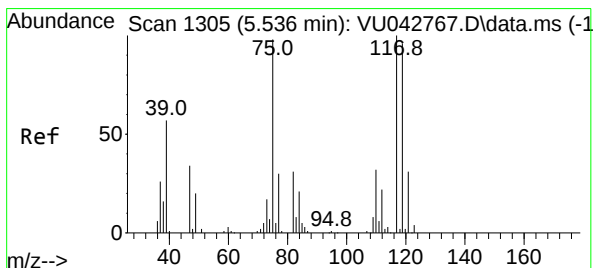
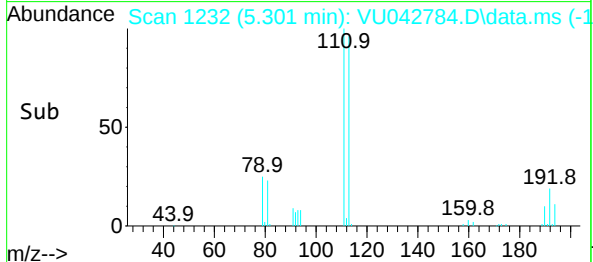
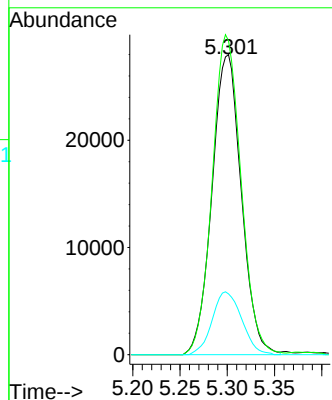
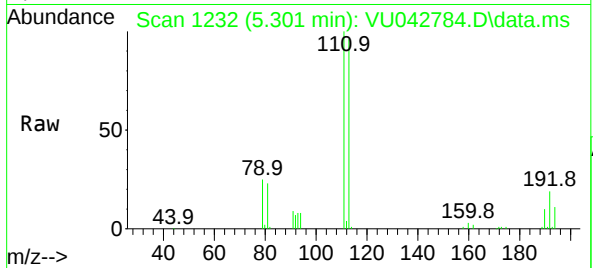




#35
Dibromofluoromethane
Concen: 47.09 ug/l
RT: 5.301 min Scan# 1232
Delta R.T. 0.003 min
Lab File: VU042784.D
Acq: 25 Mar 2021 14:50

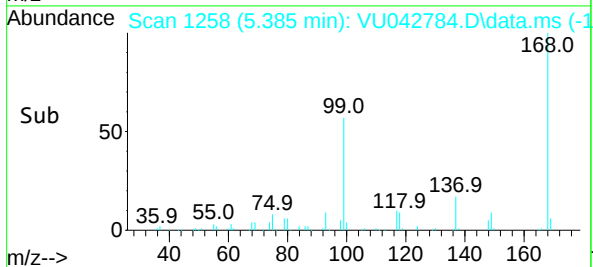
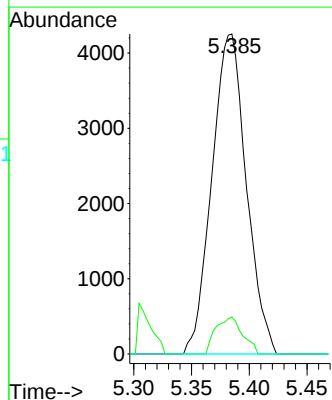
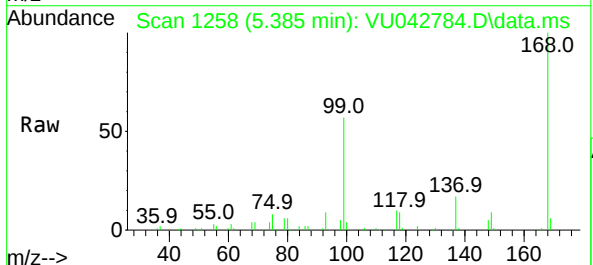
Instrument :
MSVOA_U
ClientSampleId :
EXTERIOR-SLAB-BRICK-1

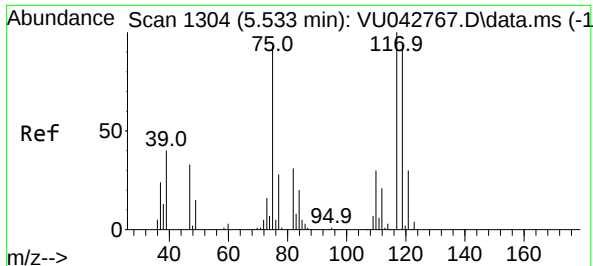
Tgt Ion:113 Resp: 60302
Ion Ratio Lower Upper
113 100
111 104.8 82.1 123.1
192 21.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.19 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.151 min
Lab File: VU042784.D
Acq: 25 Mar 2021 14:50

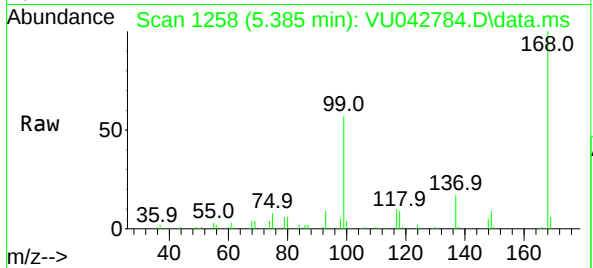
Tgt Ion: 75 Resp: 8816
Ion Ratio Lower Upper
75 100
110 9.0 16.6 49.7#
77 0.0 24.7 37.1#



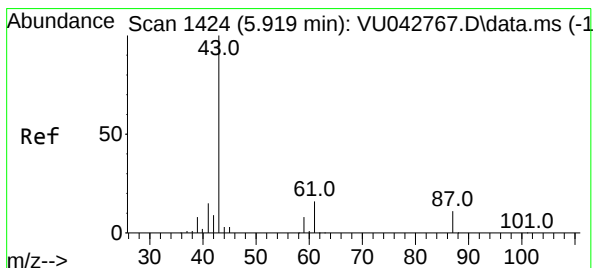
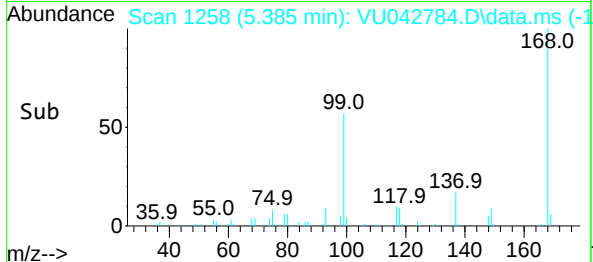
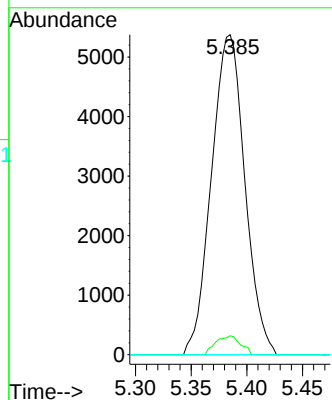


#38
Carbon Tetrachloride
Concen: 5.79 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.148 min
Lab File: VU042784.D
Acq: 25 Mar 2021 14:50

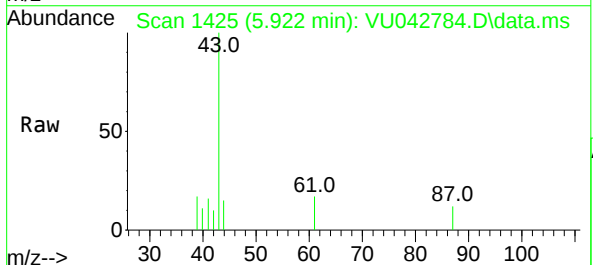
Instrument :
MSVOA_U
ClientSampleId :
EXTERIOR-SLAB-BRICK-1



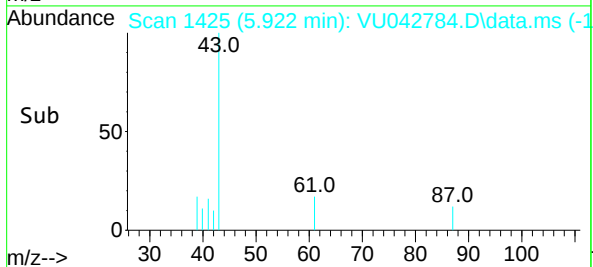
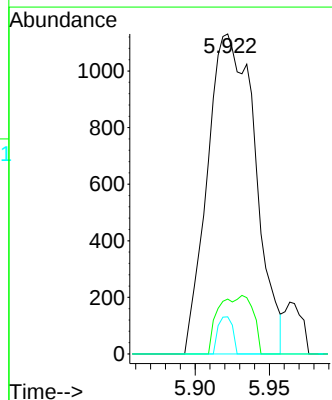
Tgt Ion:117 Resp: 11217
Ion Ratio Lower Upper
117 100
119 5.9 75.2 112.8#
121 0.0 24.2 36.4#

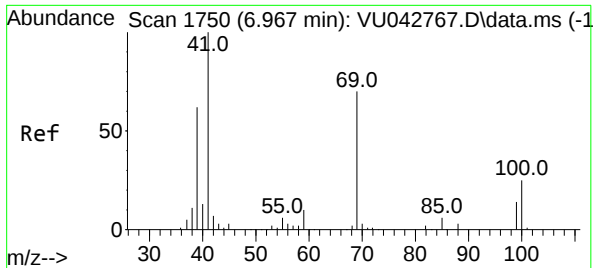


#43
Isopropyl Acetate
Concen: 0.64 ug/l
RT: 5.922 min Scan# 1425
Delta R.T. 0.003 min
Lab File: VU042784.D
Acq: 25 Mar 2021 14:50



Tgt Ion: 43 Resp: 2520
Ion Ratio Lower Upper
43 100
61 13.3 13.4 20.0#
87 3.5 8.7 13.1#





#48

Methyl methacrylate

Concen: 1.68 ug/l

RT: 6.909 min Scan# 1732

Delta R.T. -0.058 min

Lab File: VU042784.D

Acq: 25 Mar 2021 14:50

Tgt Ion: 41 Resp: 3220

Ion Ratio Lower Upper

41 100

69 0.0 55.9 83.9#

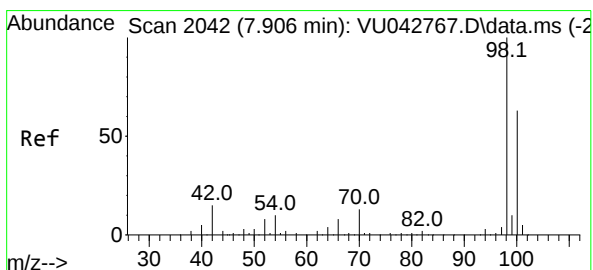
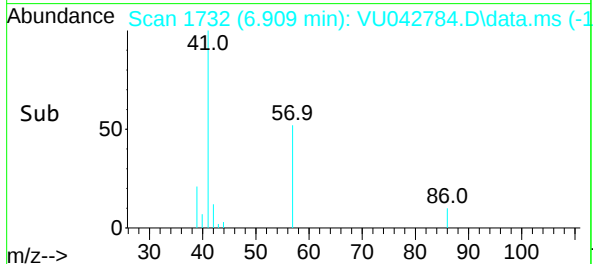
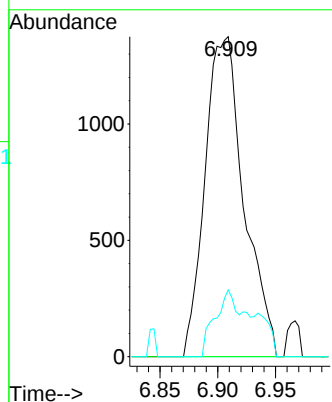
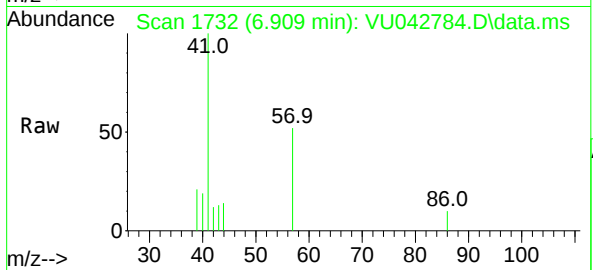
39 16.1 49.7 74.5#

Instrument :

MSVOA_U

ClientSampleId :

EXTERIOR-SLAB-BRICK-1



#50

Toluene-d8

Concen: 48.11 ug/l

RT: 7.906 min Scan# 2042

Delta R.T. -0.000 min

Lab File: VU042784.D

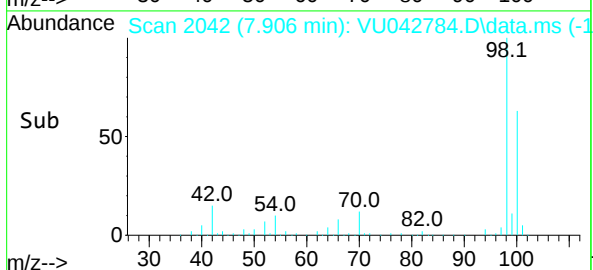
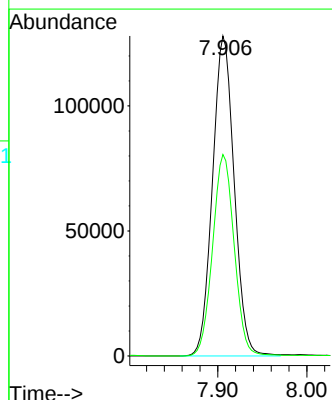
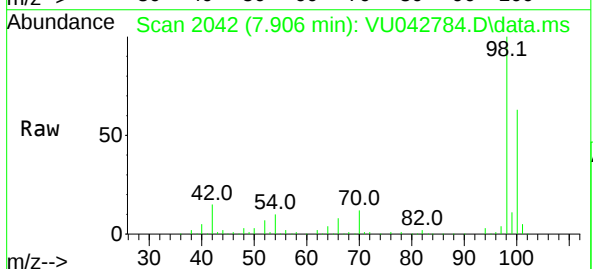
Acq: 25 Mar 2021 14:50

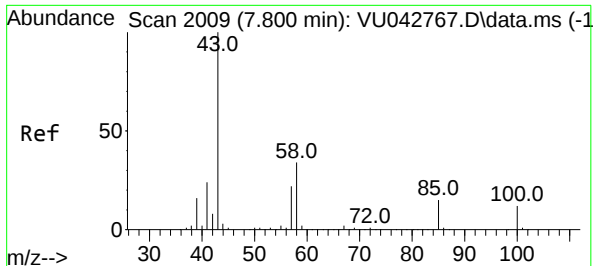
Tgt Ion: 98 Resp: 216724

Ion Ratio Lower Upper

98 100

100 62.9 50.4 75.6

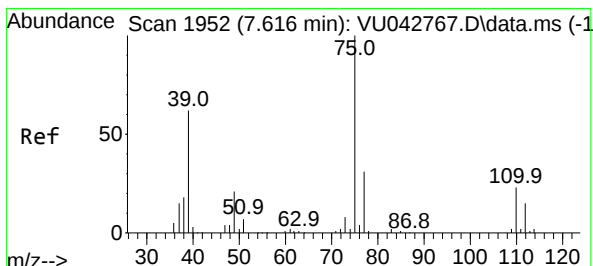
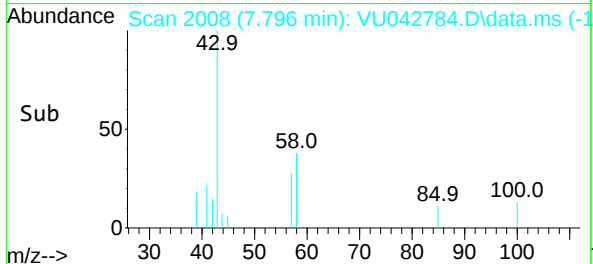
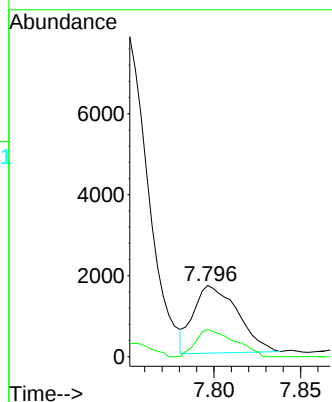
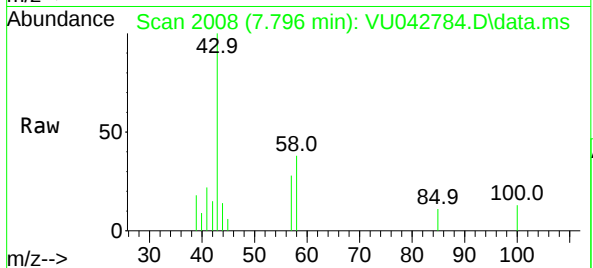




#51
4-Methyl-2-Pentanone
Concen: 1.07 ug/l
RT: 7.796 min Scan# 2008
Delta R.T. -0.003 min
Lab File: VU042784.D
Acq: 25 Mar 2021 14:50

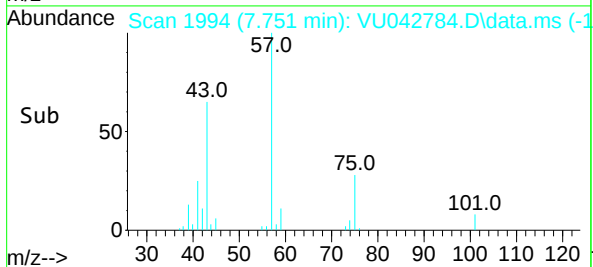
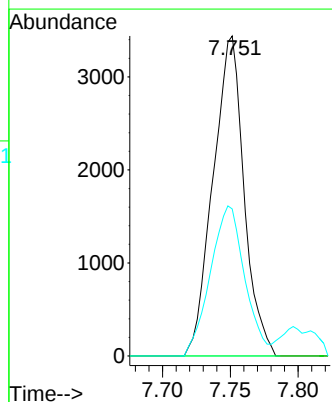
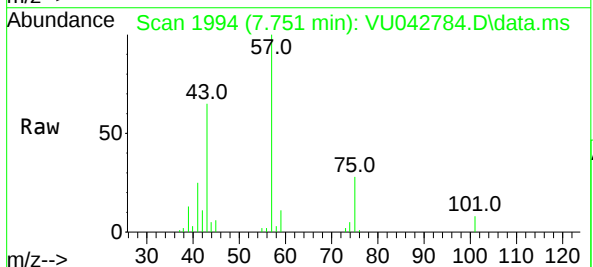
Instrument :
MSVOA_U
ClientSampleId :
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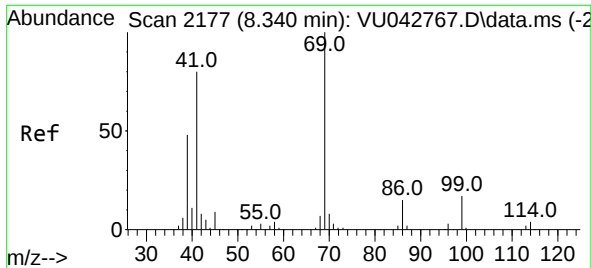
Tgt Ion: 43 Resp: 2966
Ion Ratio Lower Upper
43 100
58 35.3 27.4 41.2



#54
cis-1,3-Dichloropropene
Concen: 2.53 ug/l
RT: 7.751 min Scan# 1994
Delta R.T. 0.135 min
Lab File: VU042784.D
Acq: 25 Mar 2021 14:50

Tgt Ion: 75 Resp: 5468
Ion Ratio Lower Upper
75 100
77 0.0 24.8 37.2#
39 45.9 49.2 73.8#

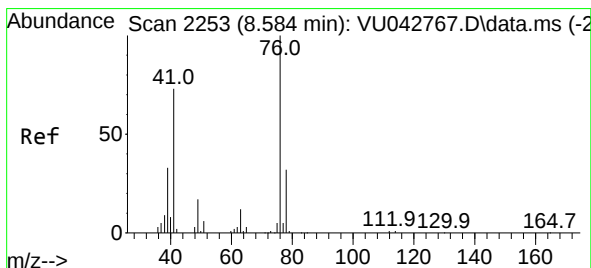
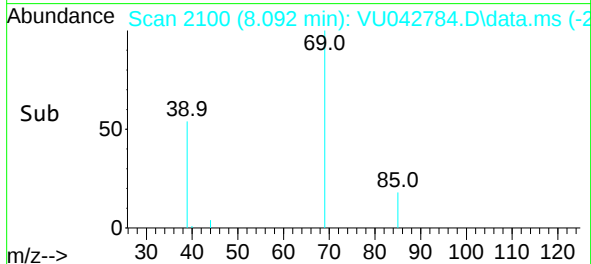
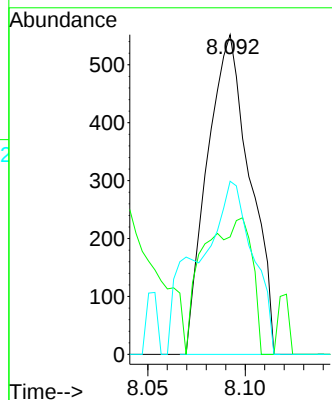
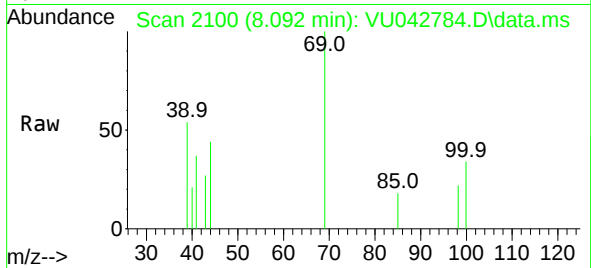




#56
Ethyl methacrylate
Concen: 0.41 ug/l
RT: 8.092 min Scan# 2100
Delta R.T. -0.248 min
Lab File: VU042784.D
Acq: 25 Mar 2021 14:50

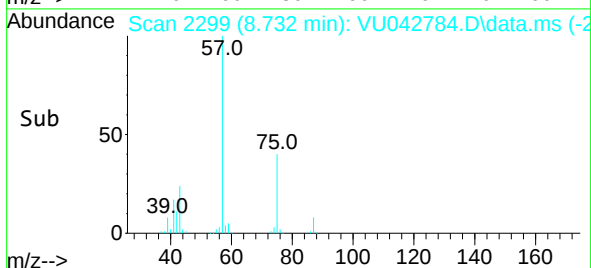
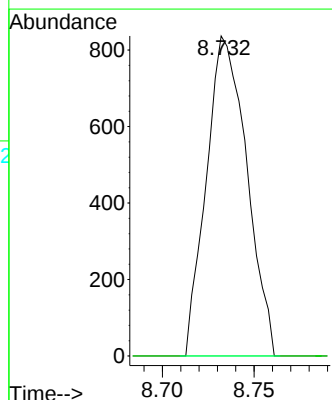
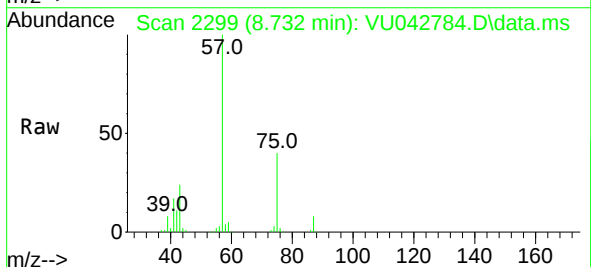
Instrument :
MSVOA_U
ClientSampleId :
EXTERIOR-SLAB-BRICK-1

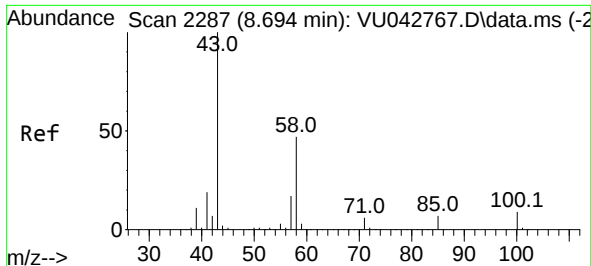
Tgt Ion: 69 Resp: 841
Ion Ratio Lower Upper
69 100
41 48.3 64.6 97.0#
39 47.8 38.2 57.2



#57
1,3-Dichloropropane
Concen: 0.56 ug/l
RT: 8.732 min Scan# 2299
Delta R.T. 0.148 min
Lab File: VU042784.D
Acq: 25 Mar 2021 14:50

Tgt Ion: 76 Resp: 1282
Ion Ratio Lower Upper
76 100
78 0.0 25.9 38.9#

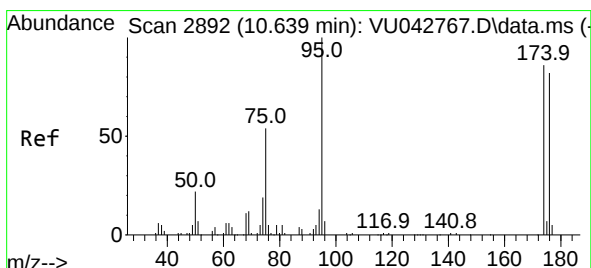
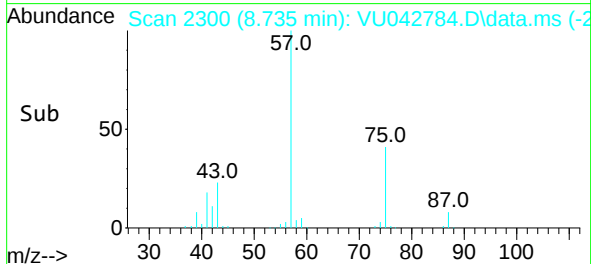
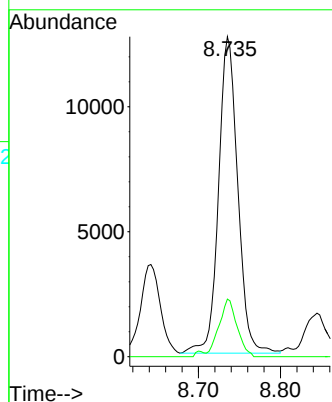
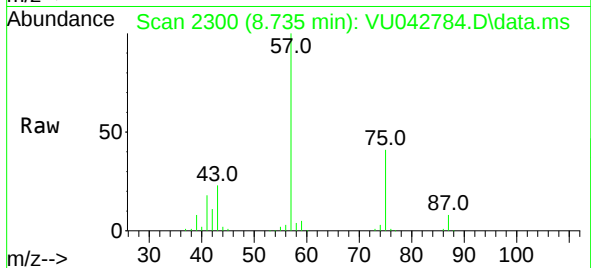




#59
2-Hexanone
Concen: 9.35 ug/l
RT: 8.735 min Scan# 2300
Delta R.T. 0.042 min
Lab File: VU042784.D
Acq: 25 Mar 2021 14:50

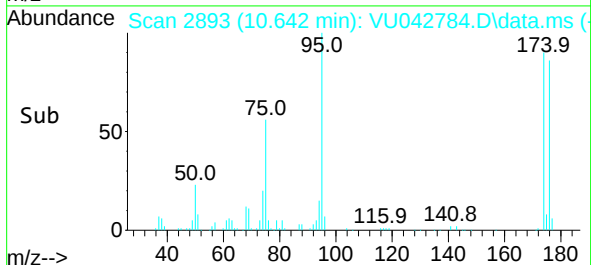
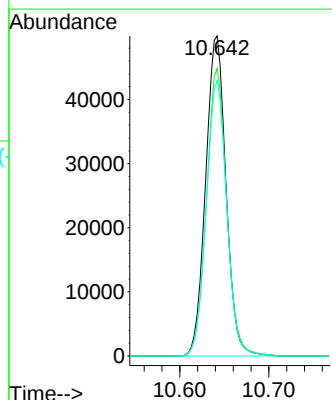
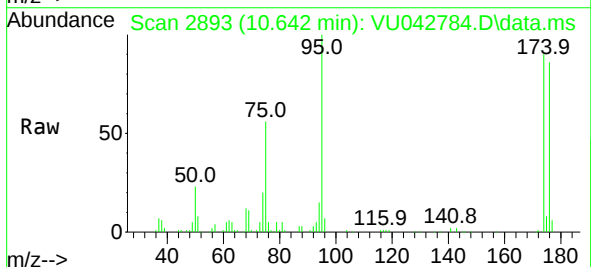
Instrument :
MSVOA_U
ClientSampleId :
EXTERIOR-SLAB-BRICK-1

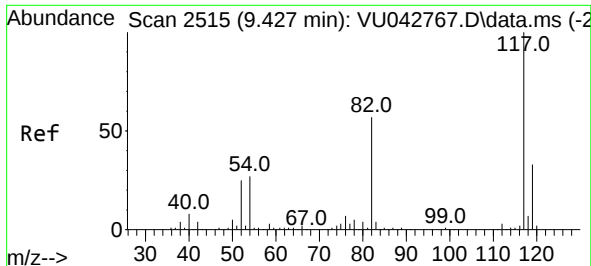
Tgt Ion: 43 Resp: 20636
Ion Ratio Lower Upper
43 100
58 17.0 23.8 71.2#



#62
4-Bromofluorobenzene
Concen: 45.11 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.003 min
Lab File: VU042784.D
Acq: 25 Mar 2021 14:50

Tgt Ion: 95 Resp: 78966
Ion Ratio Lower Upper
95 100
174 89.2 0.0 175.2
176 86.7 0.0 167.4

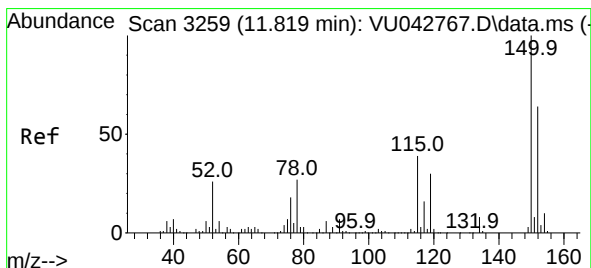
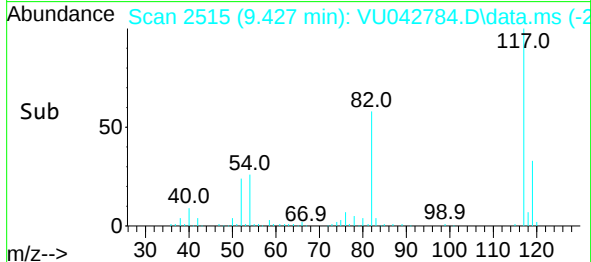
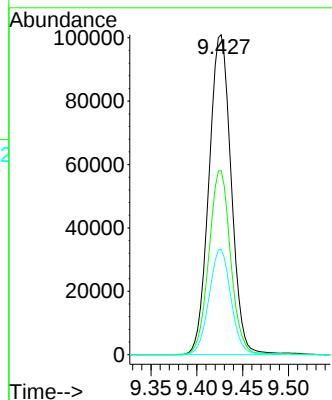
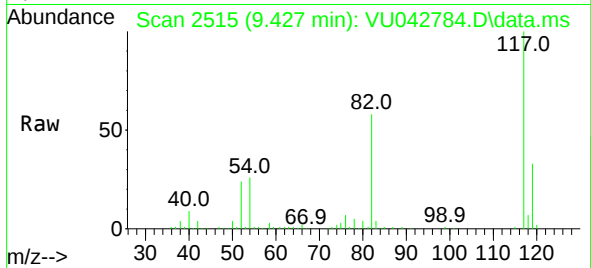




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.427 min Scan# 2515
Delta R.T. -0.000 min
Lab File: VU042784.D
Acq: 25 Mar 2021 14:50

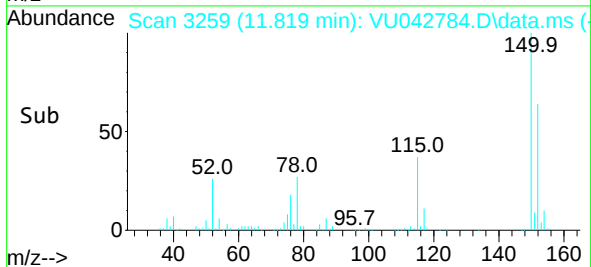
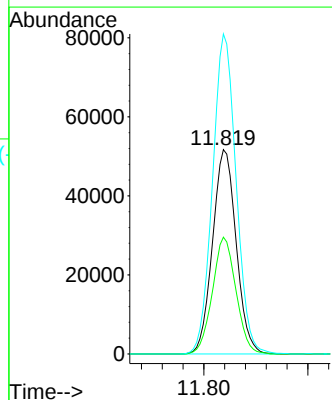
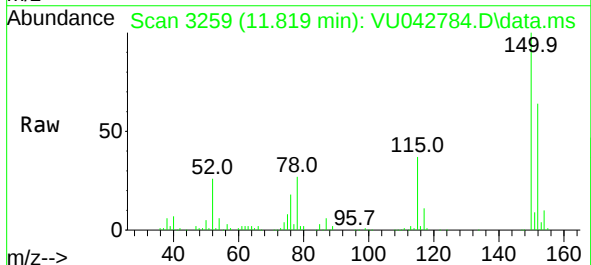
Instrument :
MSVOA_U
ClientSampleId :
EXTERIOR-SLAB-BRICK-1

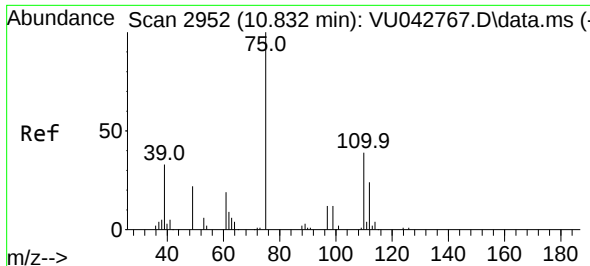
Tgt Ion:117 Resp: 170420
Ion Ratio Lower Upper
117 100
82 57.4 45.5 68.3
119 33.0 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU042784.D
Acq: 25 Mar 2021 14:50

Tgt Ion:152 Resp: 81724
Ion Ratio Lower Upper
152 100
115 56.8 41.0 123.0
150 155.9 0.0 341.0

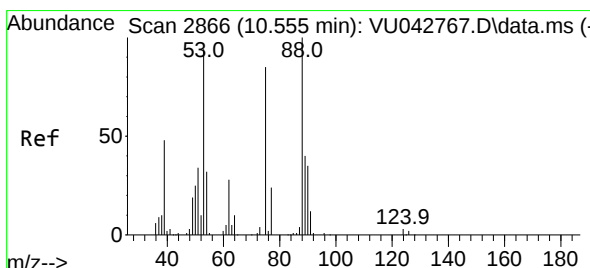
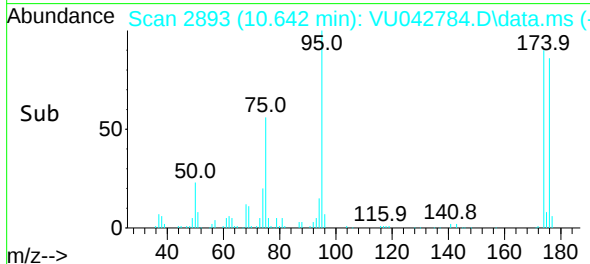
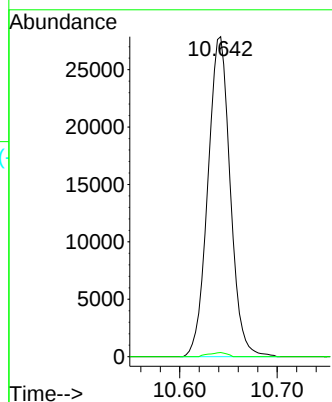
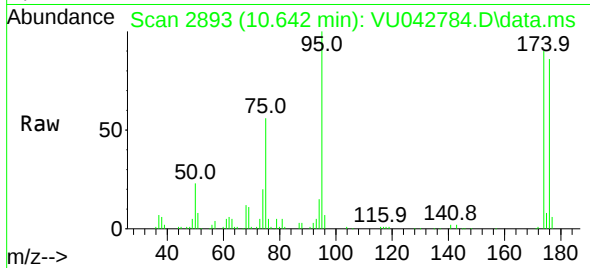




#76
1,2,3-Trichloropropane
Concen: 21.40 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. -0.190 min
Lab File: VU042784.D
Acq: 25 Mar 2021 14:50

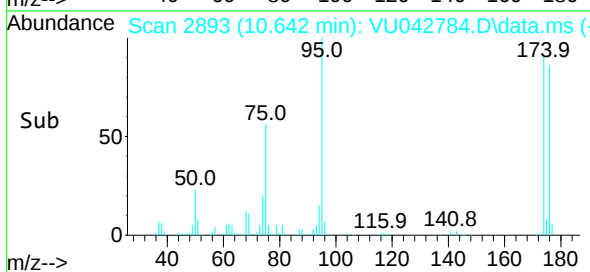
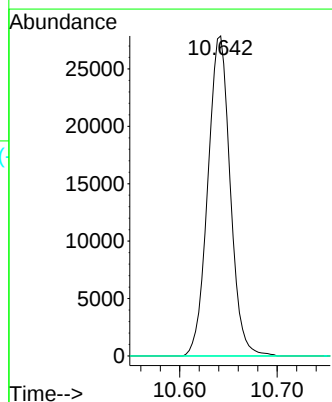
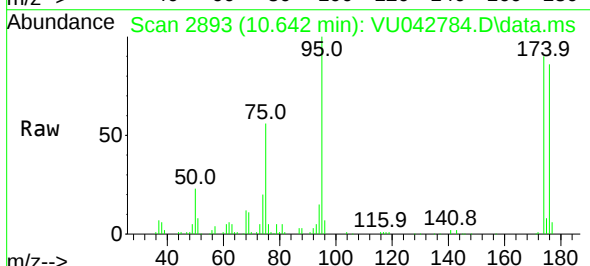
Instrument :
MSVOA_U
ClientSampleId :
EXTERIOR-SLAB-BRICK-1

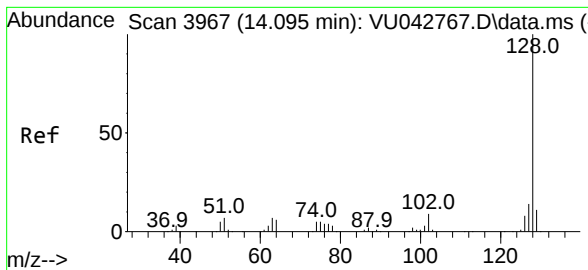
Tgt Ion: 75 Resp: 44479
Ion Ratio Lower Upper
75 100
77 1.1 19.6 58.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.41 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.087 min
Lab File: VU042784.D
Acq: 25 Mar 2021 14:50

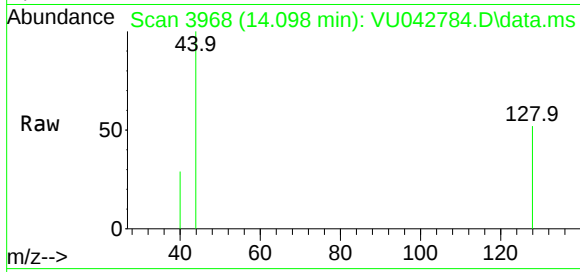
Tgt Ion: 75 Resp: 44479
Ion Ratio Lower Upper
75 100
53 0.0 88.3 132.5#
89 0.0 35.7 53.5#





#95
 Naphthalene
 Concen: 2.62 ug/l
 RT: 14.098 min Scan# 3968
 Delta R.T. 0.003 min
 Lab File: VU042784.D
 Acq: 25 Mar 2021 14:50

Instrument :
 MSVOA_U
 ClientSampleId :
 EXTERIOR-SLAB-BRICK-1



Tgt Ion:128 Resp: 247
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.9 16.3#
 129 0.0 8.7 13.1#

