

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032521\
 Data File : VU042785.D
 Acq On : 25 Mar 2021 15:13
 Operator : SY/MD
 Sample : M1791-19
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXTERIOR-SLAB-BRICK-2

Quant Time: Mar 26 02:06:08 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)

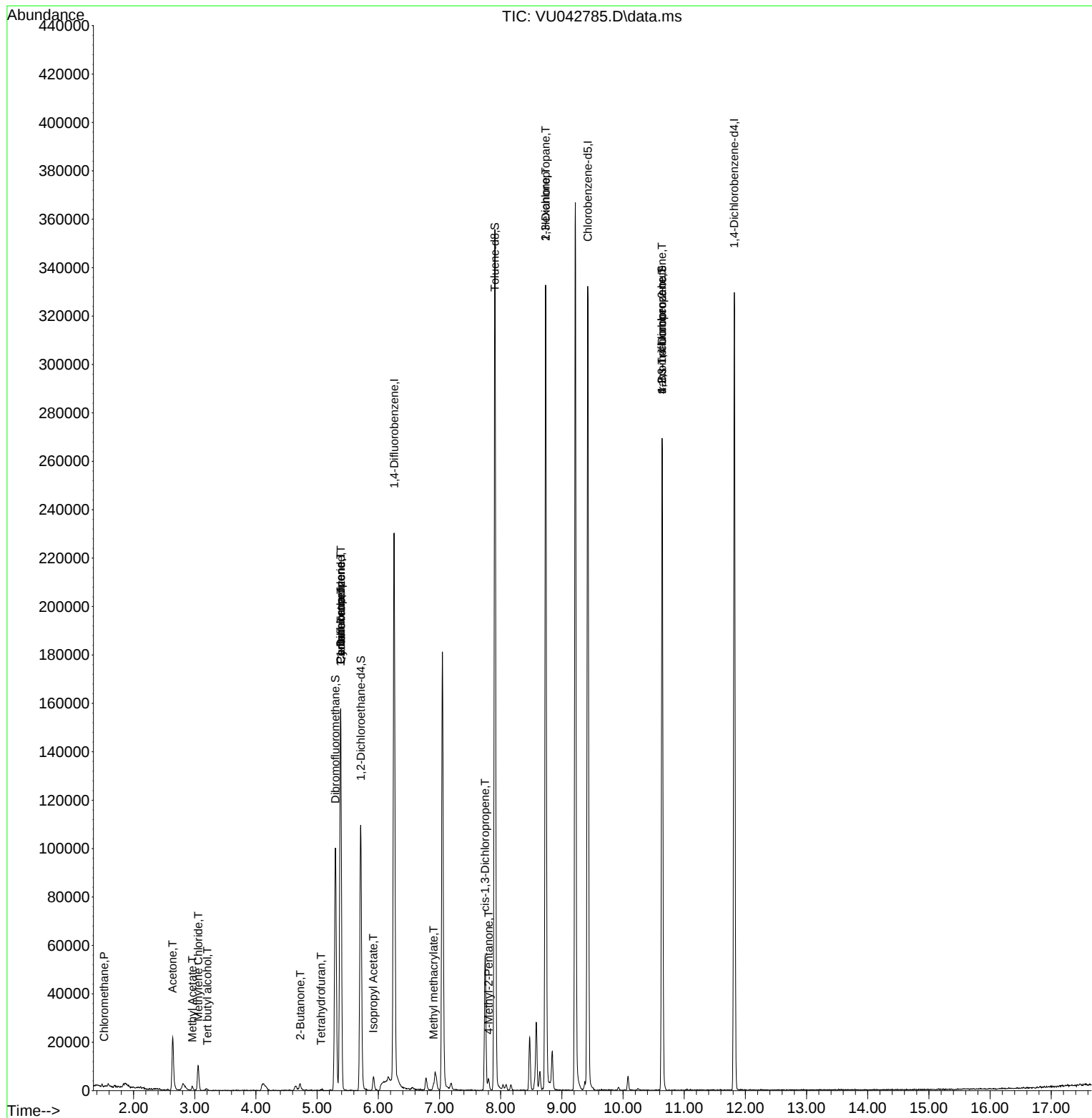
Internal Standards						
1) Pentafluorobenzene	5.385	168	108570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.259	114	171298	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	170744	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	81902	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	86715	50.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.20%	
35) Dibromofluoromethane	5.298	113	61179	47.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.72%	
50) Toluene-d8	7.906	98	218109	48.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.98%	
62) 4-Bromofluorobenzene	10.639	95	78973	45.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.38%	
Target Compounds					Qvalue	
3) Chloromethane	1.520	50	320	0.23	ug/l #	43
5) Bromomethane	1.867	94	129	Below Cal	#	2
11) Tert butyl alcohol	3.208	59	312	0.84	ug/l #	74
16) Acetone	2.639	43	28635	20.15	ug/l	96
18) Methyl Acetate	2.961	43	2255	1.14	ug/l #	78
20) Methylene Chloride	3.057	84	4428	3.55	ug/l	97
25) 2-Butanone	4.726	43	4867	3.46	ug/l	95
29) Tetrahydrofuran	5.067	42	215	0.25	ug/l #	38
31) Cyclohexane	5.385	56	2781	1.29	ug/l #	34
36) 1,1-Dichloropropene	5.382	75	9211	5.44	ug/l #	50
38) Carbon Tetrachloride	5.385	117	10971	5.67	ug/l #	16
43) Isopropyl Acetate	5.919	43	5998	1.51	ug/l	96
48) Methyl methacrylate	6.902	41	3454	1.81	ug/l #	17
51) 4-Methyl-2-Pentanone	7.803	43	3074	1.11	ug/l	97
54) cis-1,3-Dichloropropene	7.745	75	8274	3.83	ug/l #	72
57) 1,3-Dichloropropane	8.735	76	3228	1.41	ug/l #	42
59) 2-Hexanone	8.735	43	52306	23.74	ug/l #	56
76) 1,2,3-Trichloropropane	10.639	75	44428	21.33	ug/l #	37
81) trans-1,4-Dichloro-2-b...	10.639	75	44428	63.20	ug/l #	6

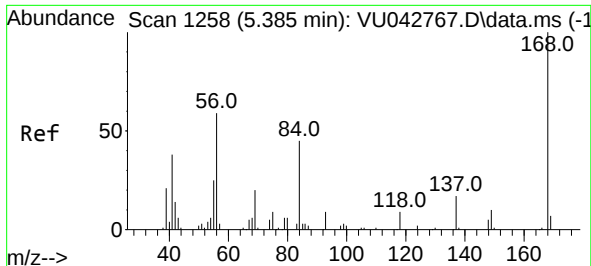
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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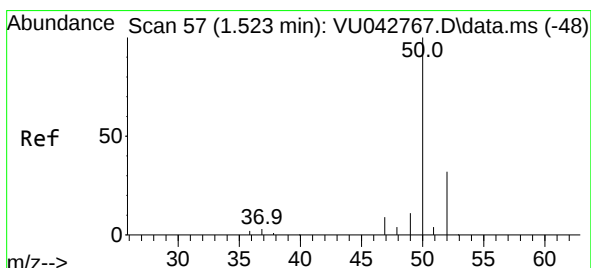
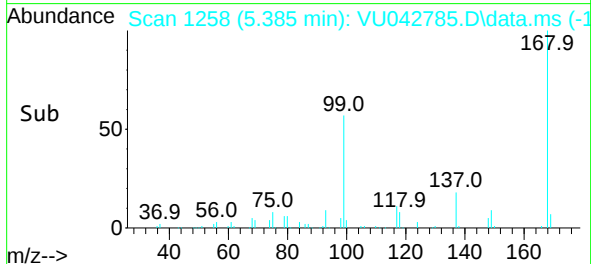
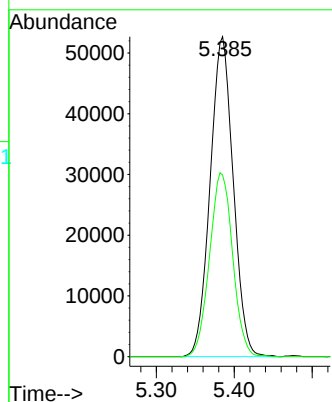
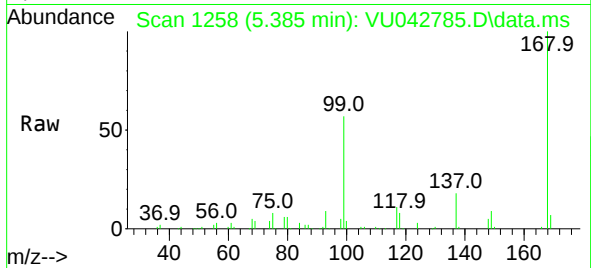




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VU042785.D
Acq: 25 Mar 2021 15:13

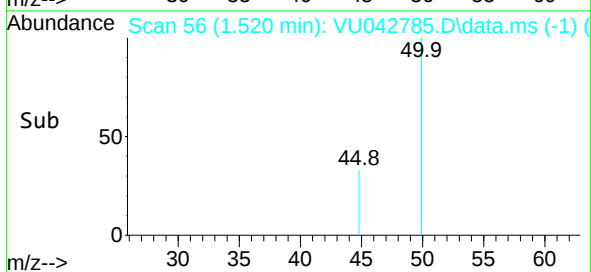
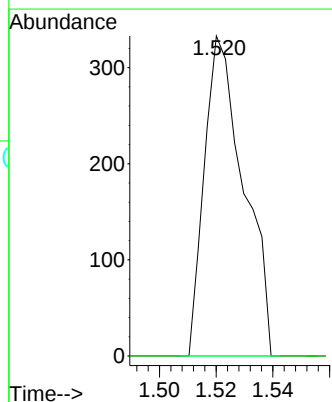
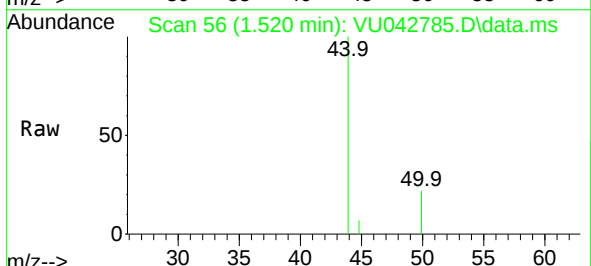
Instrument :
MSVOA_U
ClientSampleId :
EXTERIOR-SLAB-BRICK-2

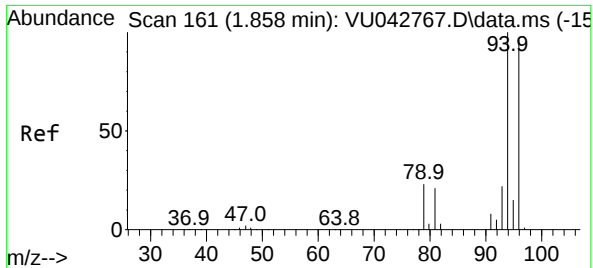
Tgt Ion:168 Resp: 108570
Ion Ratio Lower Upper
168 100
99 56.7 46.4 69.6



#3
Chloromethane
Concen: 0.23 ug/l
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU042785.D
Acq: 25 Mar 2021 15:13

Tgt Ion: 50 Resp: 320
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.0#

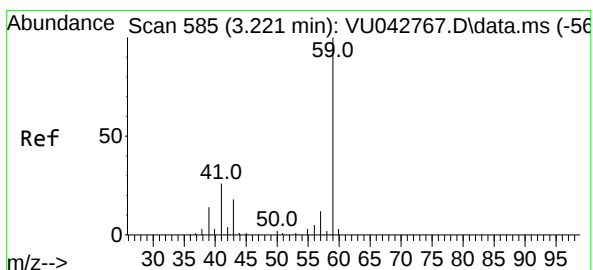
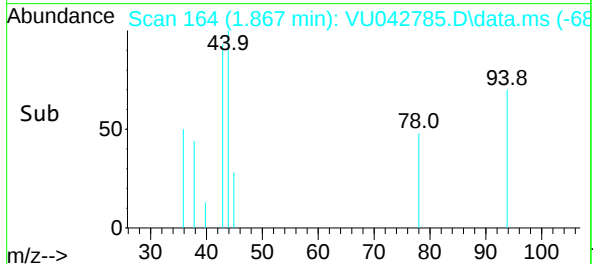
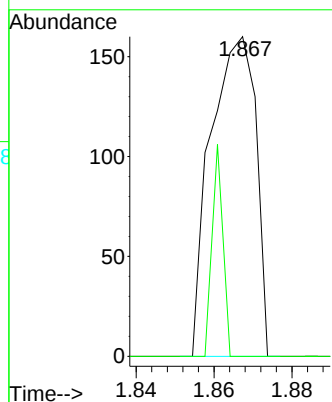
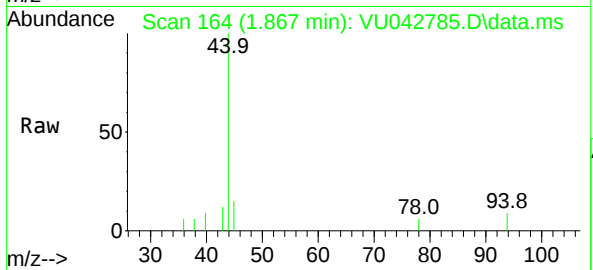




#5
Bromomethane
Concen: Below Cal
RT: 1.867 min Scan# 164
Delta R.T. 0.009 min
Lab File: VU042785.D
Acq: 25 Mar 2021 15:13

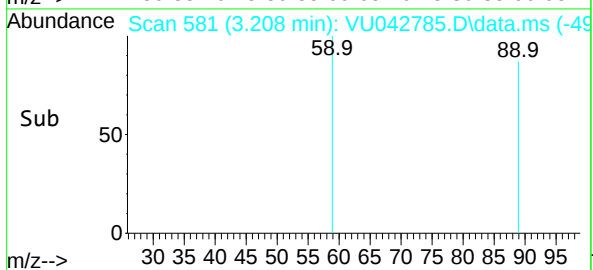
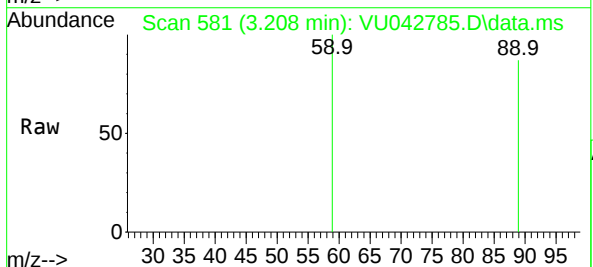
Instrument :
MSVOA_U
ClientSampleId :
EXTERIOR-SLAB-BRICK-2

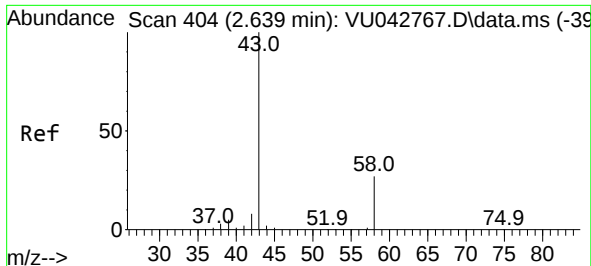
Tgt Ion: 94 Resp: 129
Ion Ratio Lower Upper
94 100
96 0.0 77.1 115.7#



#11
Tert butyl alcohol
Concen: 0.84 ug/l
RT: 3.208 min Scan# 581
Delta R.T. -0.013 min
Lab File: VU042785.D
Acq: 25 Mar 2021 15:13

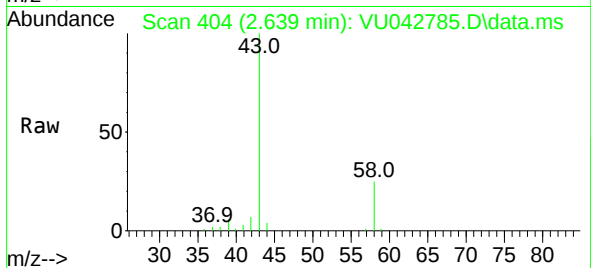
Tgt Ion: 59 Resp: 312
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



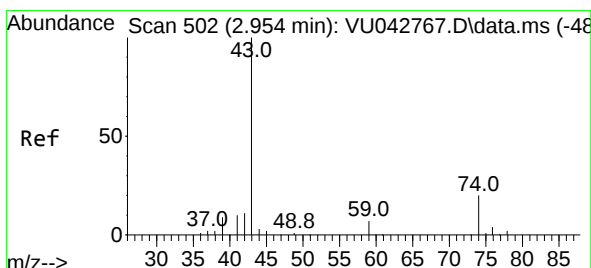
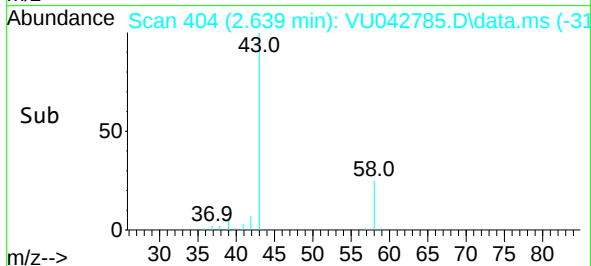
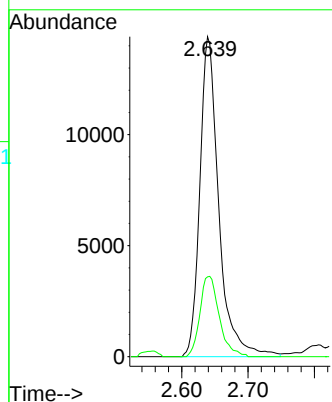


#16
Acetone
Concen: 20.15 ug/l
RT: 2.639 min Scan# 404
Delta R.T. -0.000 min
Lab File: VU042785.D
Acq: 25 Mar 2021 15:13

Instrument :
MSVOA_U
ClientSampleId :
EXTERIOR-SLAB-BRICK-2

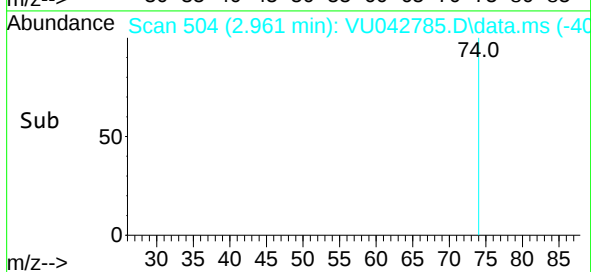
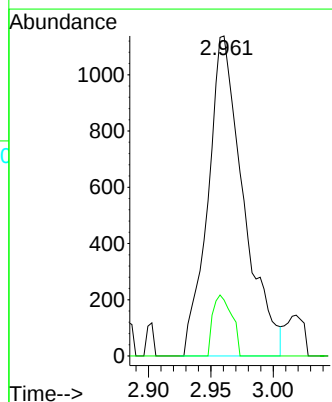
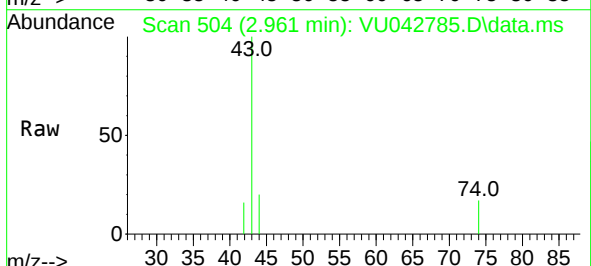


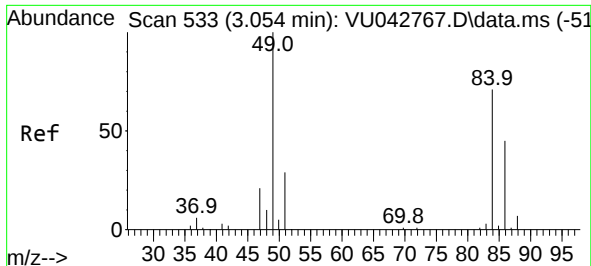
Tgt Ion: 43 Resp: 28635
Ion Ratio Lower Upper
43 100
58 24.9 21.6 32.4



#18
Methyl Acetate
Concen: 1.14 ug/l
RT: 2.961 min Scan# 504
Delta R.T. 0.006 min
Lab File: VU042785.D
Acq: 25 Mar 2021 15:13

Tgt Ion: 43 Resp: 2255
Ion Ratio Lower Upper
43 100
74 10.2 16.2 24.4#





#20

Methylene Chloride

Concen: 3.55 ug/l

RT: 3.057 min Scan# 534

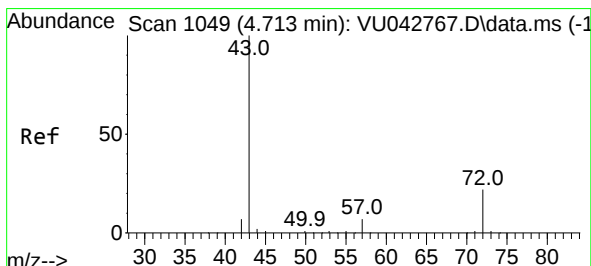
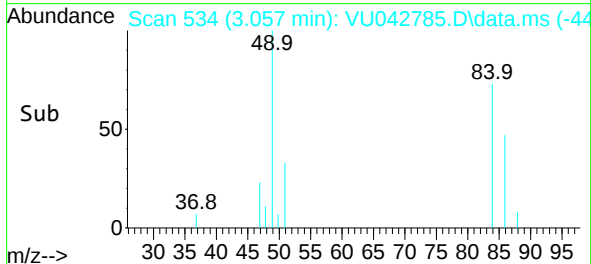
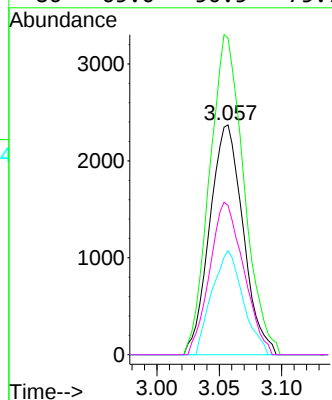
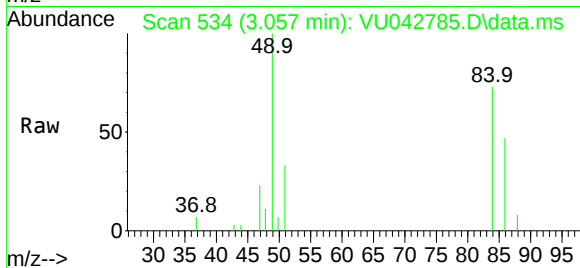
Delta R.T. 0.003 min

Lab File: VU042785.D

Acq: 25 Mar 2021 15:13

Tgt Ion: 84 Resp: 4428

Ion	Ratio	Lower	Upper
84	100		
49	137.7	113.0	169.4
51	45.3	32.9	49.3
86	65.0	50.5	75.7



#25

2-Butanone

Concen: 3.46 ug/l

RT: 4.726 min Scan# 1053

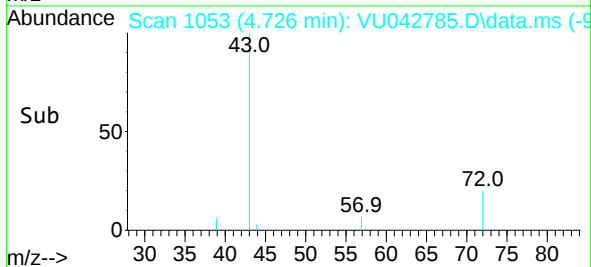
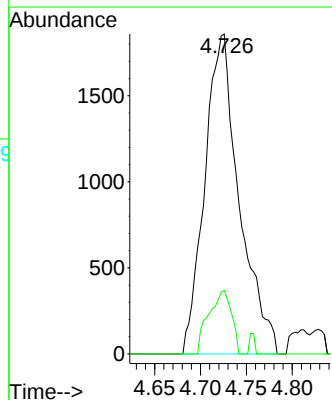
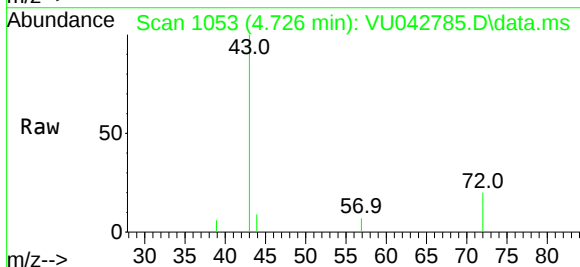
Delta R.T. 0.013 min

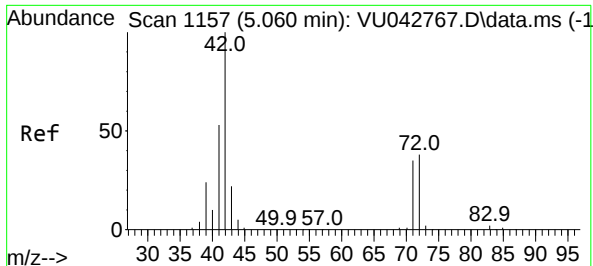
Lab File: VU042785.D

Acq: 25 Mar 2021 15:13

Tgt Ion: 43 Resp: 4867

Ion	Ratio	Lower	Upper
43	100		
72	19.8	17.7	26.5





#29

Tetrahydrofuran

Concen: 0.25 ug/l

RT: 5.067 min Scan# 1159

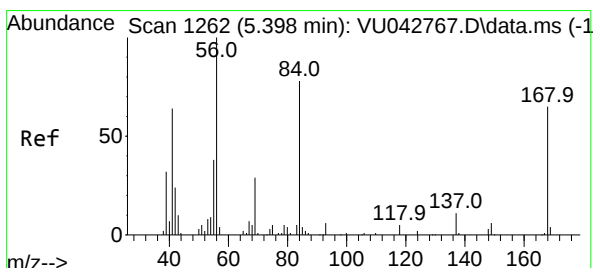
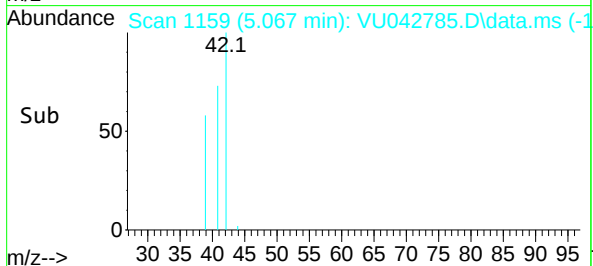
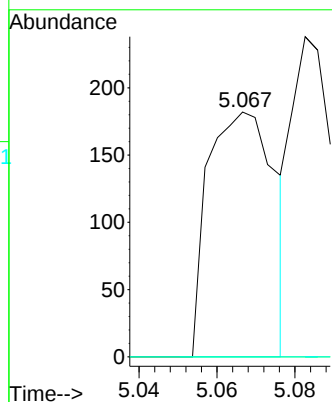
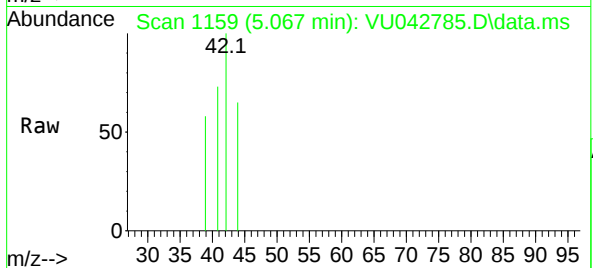
Delta R.T. 0.006 min

Lab File: VU042785.D

Acq: 25 Mar 2021 15:13

Tgt Ion:	42	Resp:	215
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 :
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#31

Cyclohexane

Concen: 1.29 ug/l

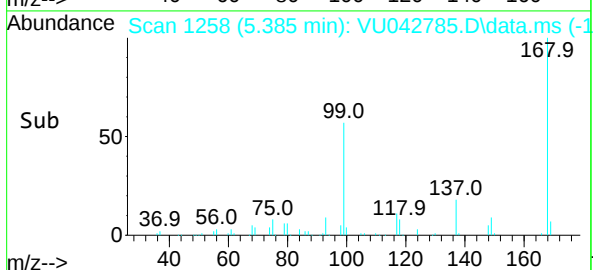
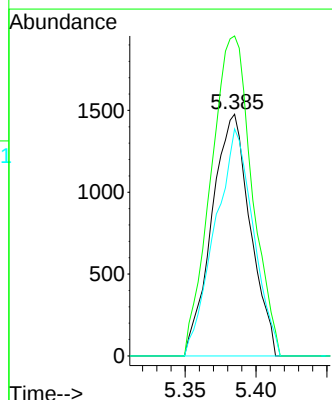
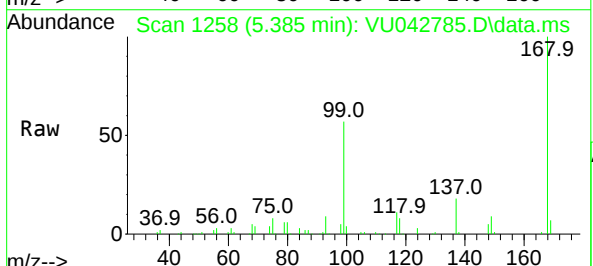
RT: 5.385 min Scan# 1258

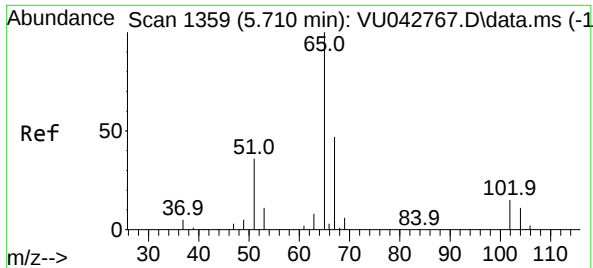
Delta R.T. -0.013 min

Lab File: VU042785.D

Acq: 25 Mar 2021 15:13

Tgt Ion:	56	Resp:	2781
Ion	Ratio	Lower	Upper
56	100		
69	132.4	23.3	34.9#
84	93.9	62.2	93.4#

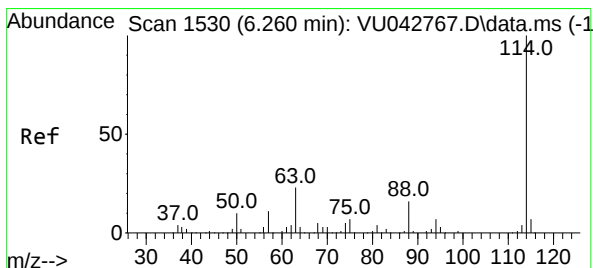
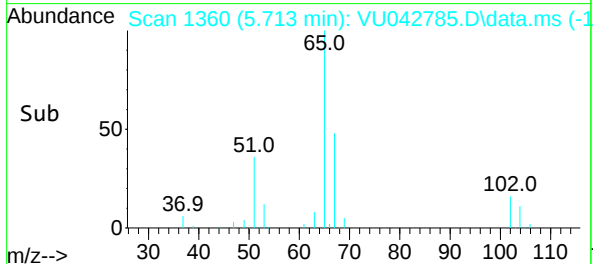
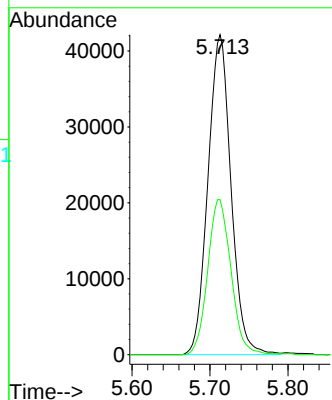
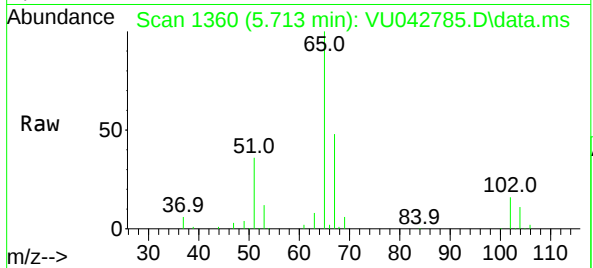




#33
1,2-Dichloroethane-d4
Concen: 50.10 ug/l
RT: 5.713 min Scan# 1360
Delta R.T. 0.003 min
Lab File: VU042785.D
Acq: 25 Mar 2021 15:13

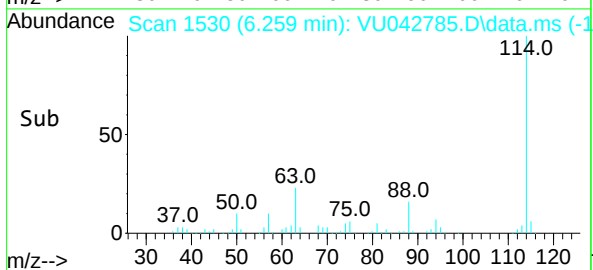
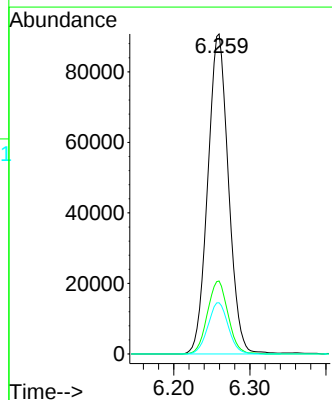
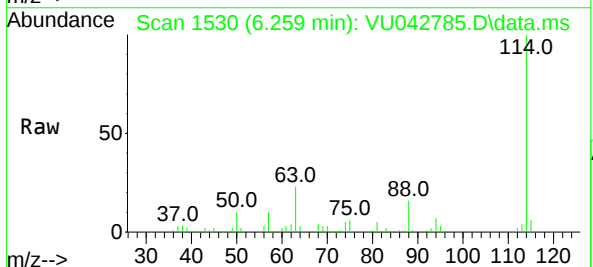
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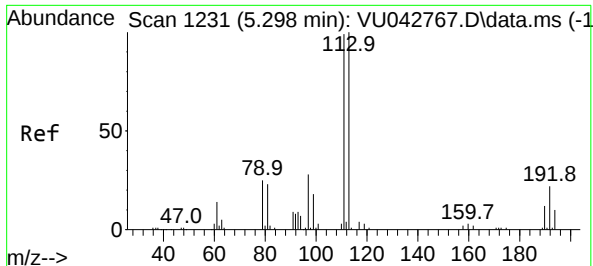
Tgt Ion: 65 Resp: 86715
Ion Ratio Lower Upper
65 100
67 48.9 0.0 98.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.259 min Scan# 1530
Delta R.T. -0.001 min
Lab File: VU042785.D
Acq: 25 Mar 2021 15:13

Tgt Ion: 114 Resp: 171298
Ion Ratio Lower Upper
114 100
63 22.8 0.0 46.8
88 16.0 0.0 32.2

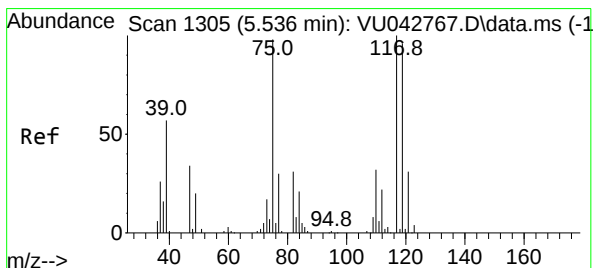
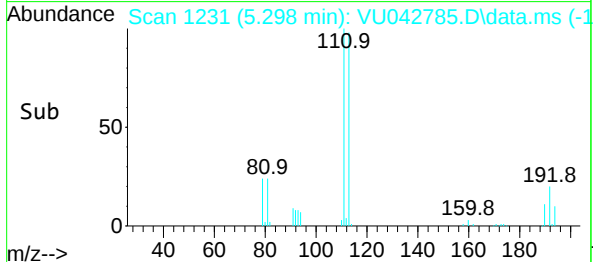
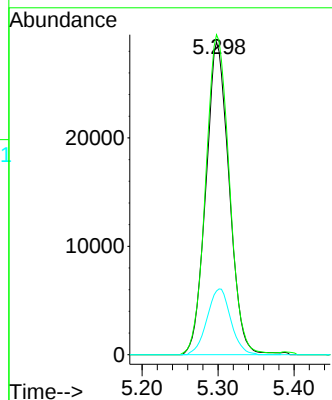
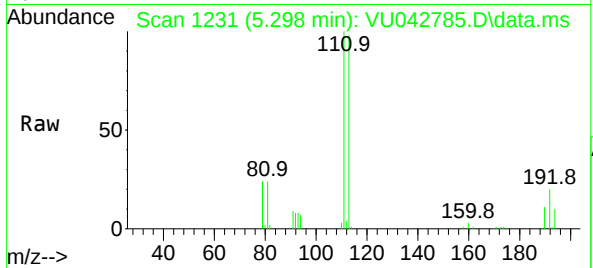




#35
Dibromofluoromethane
Concen: 47.86 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU042785.D
Acq: 25 Mar 2021 15:13

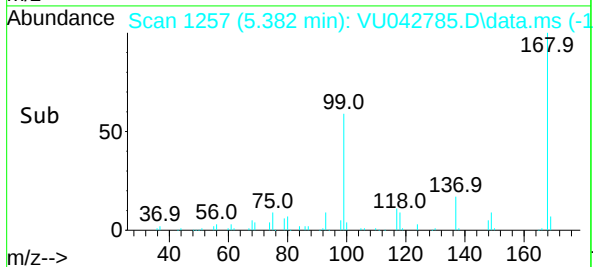
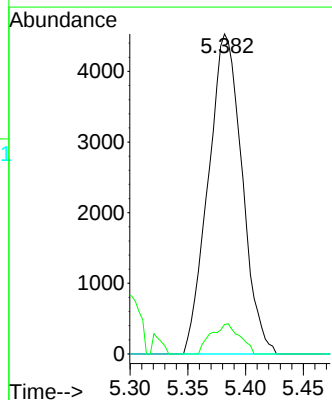
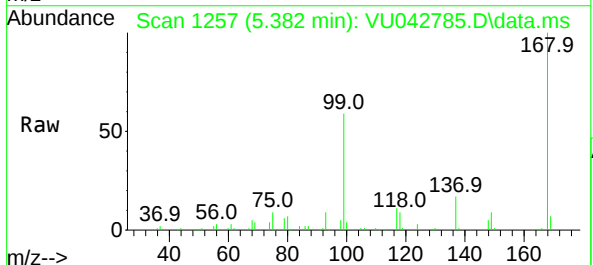
Instrument :
MSVOA_U
ClientSampleId :
EXTERIOR-SLAB-BRICK-2

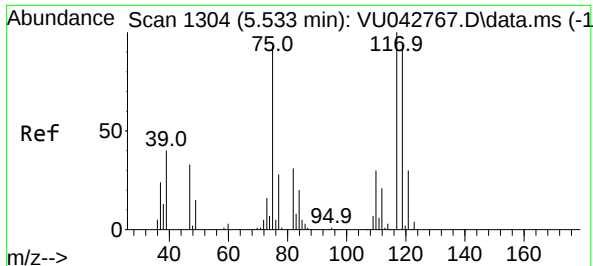
Tgt Ion:	113	Resp:	61179
Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.1	123.1
192	21.4	17.6	26.4



#36
1,1-Dichloropropene
Concen: 5.44 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.155 min
Lab File: VU042785.D
Acq: 25 Mar 2021 15:13

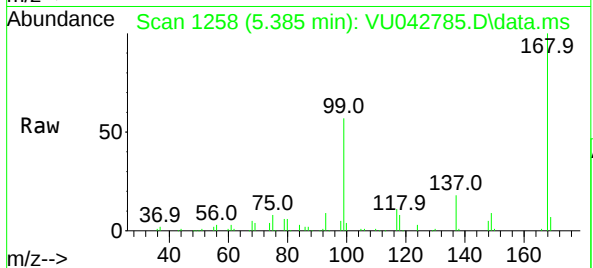
Tgt Ion:	75	Resp:	9211
Ion	Ratio	Lower	Upper
75	100		
110	8.0	16.6	49.7#
77	0.0	24.7	37.1#



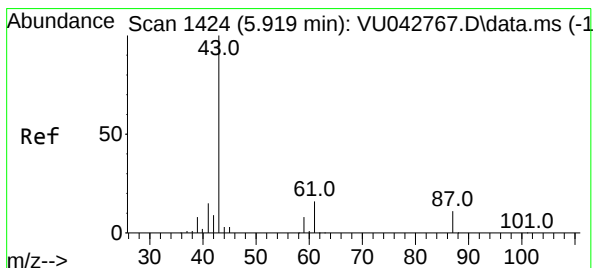
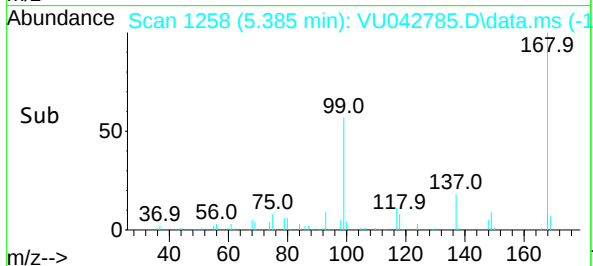
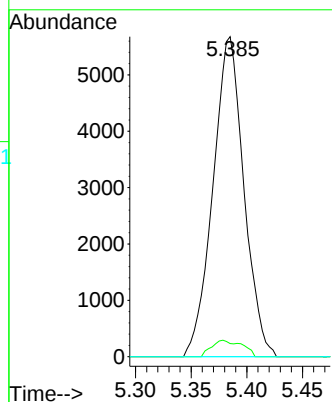


#38
Carbon Tetrachloride
Concen: 5.67 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.148 min
Lab File: VU042785.D
Acq: 25 Mar 2021 15:13

Instrument :
MSVOA_U
ClientSampleId :
EXTERIOR-SLAB-BRICK-2

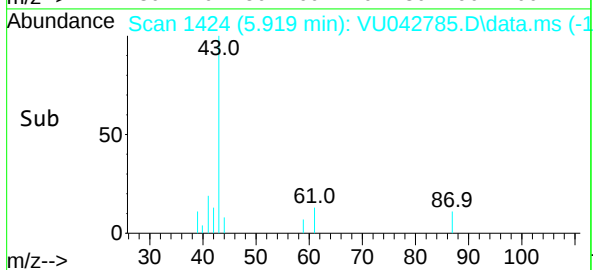
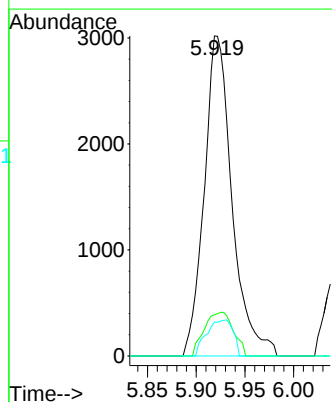
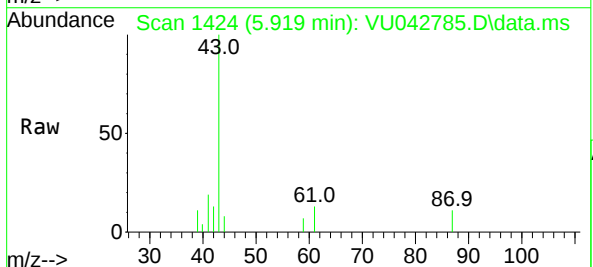


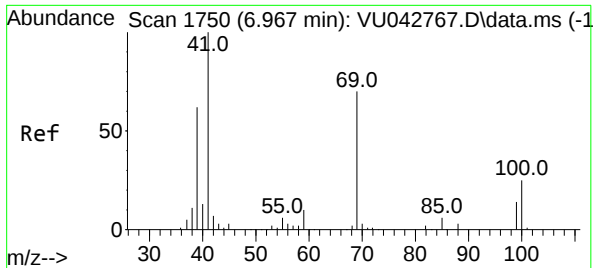
Tgt Ion:117 Resp: 10971
Ion Ratio Lower Upper
117 100
119 4.1 75.2 112.8#
121 0.0 24.2 36.4#



#43
Isopropyl Acetate
Concen: 1.51 ug/l
RT: 5.919 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VU042785.D
Acq: 25 Mar 2021 15:13

Tgt Ion: 43 Resp: 5998
Ion Ratio Lower Upper
43 100
61 14.3 13.4 20.0
87 10.6 8.7 13.1

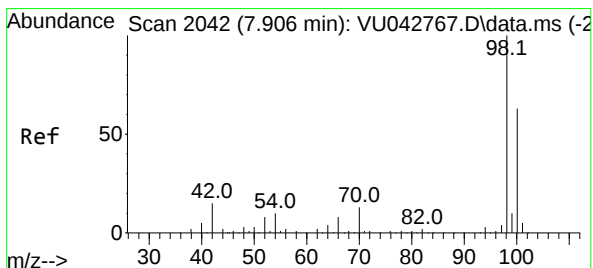
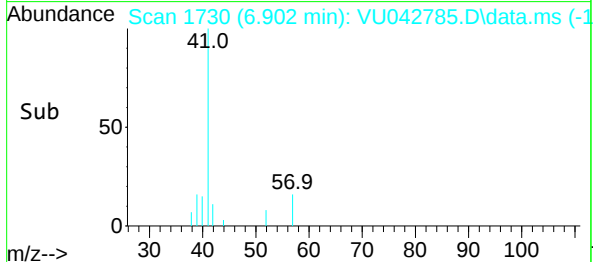
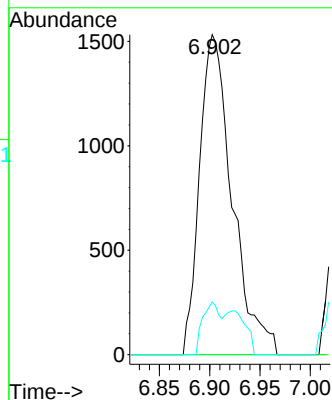
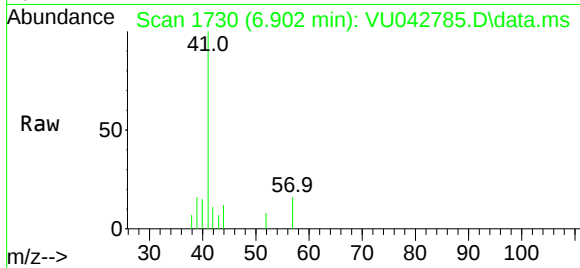




#48
Methyl methacrylate
Concen: 1.81 ug/l
RT: 6.902 min Scan# 1730
Delta R.T. -0.065 min
Lab File: VU042785.D
Acq: 25 Mar 2021 15:13

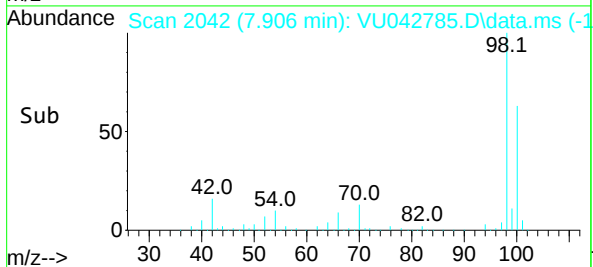
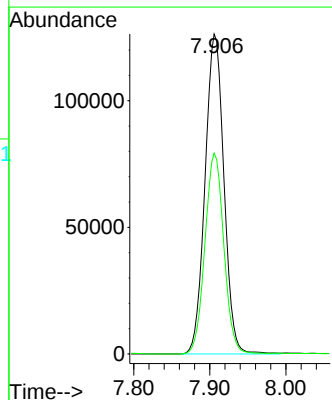
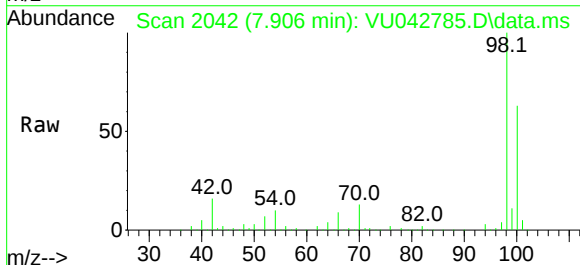
Instrument :
MSVOA_U
ClientSampleId :
EXTERIOR-SLAB-BRICK-2

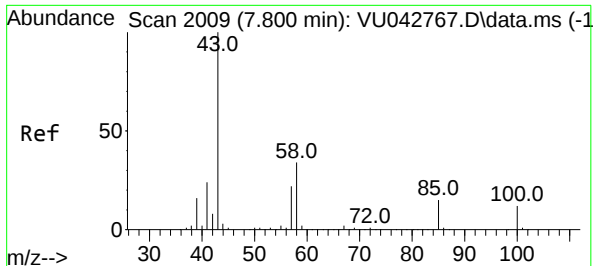
Tgt Ion: 41 Resp: 3454
Ion Ratio Lower Upper
41 100
69 0.0 55.9 83.9#
39 0.0 49.7 74.5#



#50
Toluene-d8
Concen: 48.49 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042785.D
Acq: 25 Mar 2021 15:13

Tgt Ion: 98 Resp: 218109
Ion Ratio Lower Upper
98 100
100 62.8 50.4 75.6

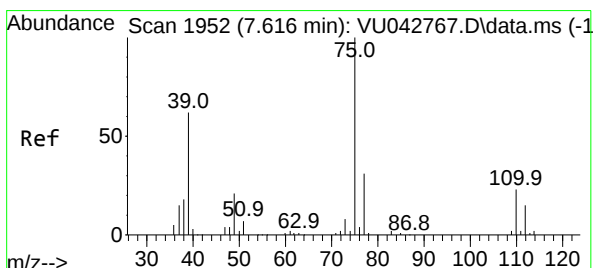
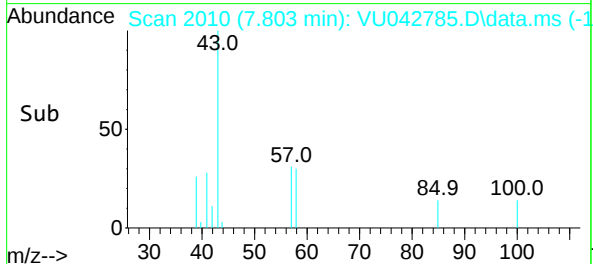
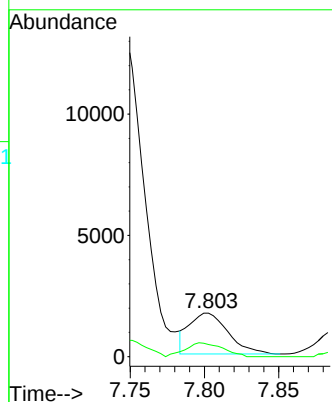
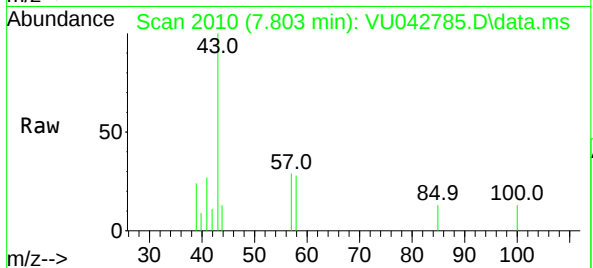




#51
4-Methyl-2-Pentanone
Concen: 1.11 ug/l
RT: 7.803 min Scan# 2010
Delta R.T. 0.003 min
Lab File: VU042785.D
Acq: 25 Mar 2021 15:13

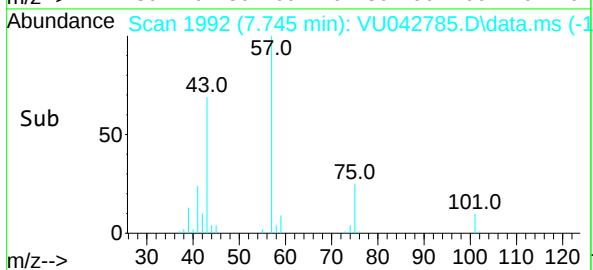
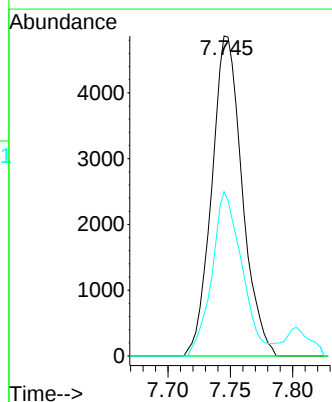
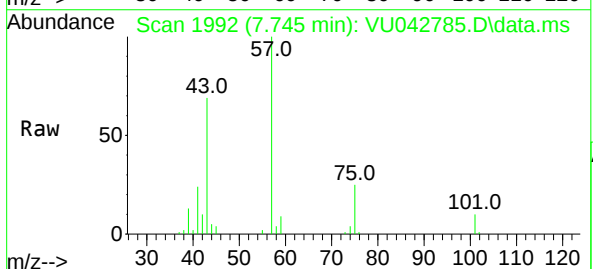
Instrument :
MSVOA_U
ClientSampleId :
EXTERIOR-SLAB-BRICK-2

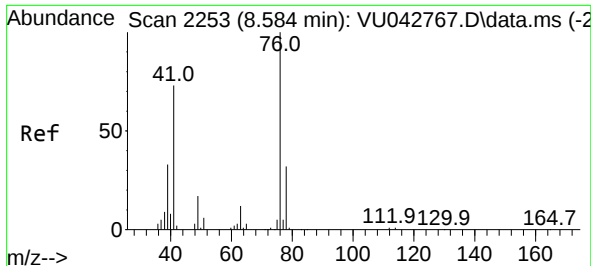
Tgt Ion: 43 Resp: 3074
Ion Ratio Lower Upper
43 100
58 32.5 27.4 41.2



#54
cis-1,3-Dichloropropene
Concen: 3.83 ug/l
RT: 7.745 min Scan# 1992
Delta R.T. 0.128 min
Lab File: VU042785.D
Acq: 25 Mar 2021 15:13

Tgt Ion: 75 Resp: 8274
Ion Ratio Lower Upper
75 100
77 0.0 24.8 37.2#
39 51.3 49.2 73.8





#57

1,3-Dichloropropane

Concen: 1.41 ug/l

RT: 8.735 min Scan# 2300

Delta R.T. 0.151 min

Lab File: VU042785.D

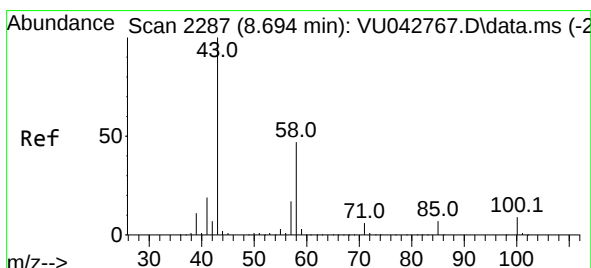
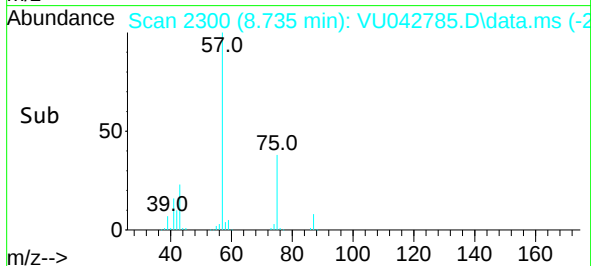
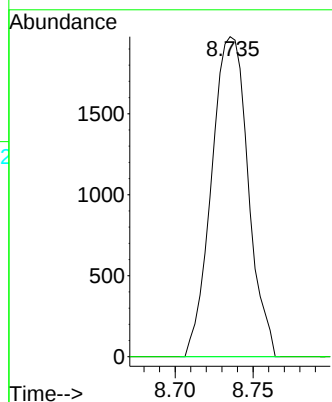
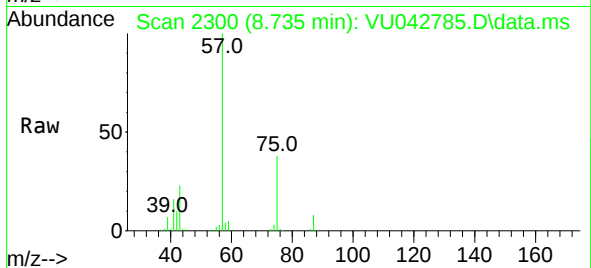
Acq: 25 Mar 2021 15:13

Tgt Ion: 76 Resp: 3228

Ion Ratio Lower Upper

76 100

78 0.0 25.9 38.9#



#59

2-Hexanone

Concen: 23.74 ug/l

RT: 8.735 min Scan# 2300

Delta R.T. 0.042 min

Lab File: VU042785.D

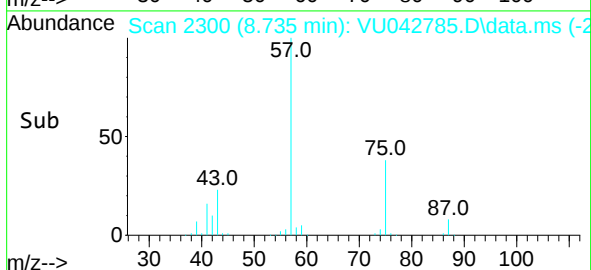
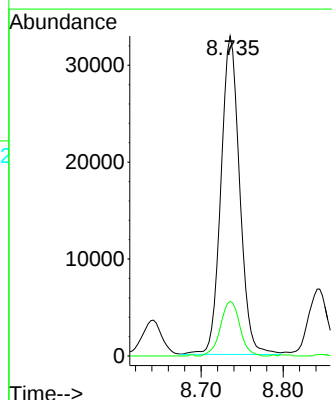
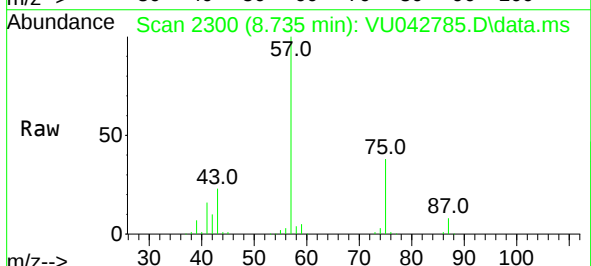
Acq: 25 Mar 2021 15:13

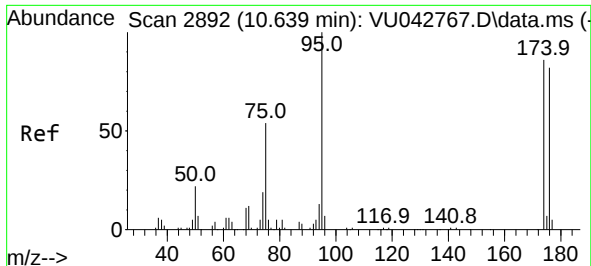
Tgt Ion: 43 Resp: 52306

Ion Ratio Lower Upper

43 100

58 17.8 23.8 71.2#

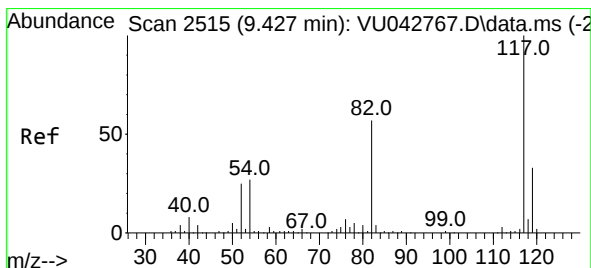
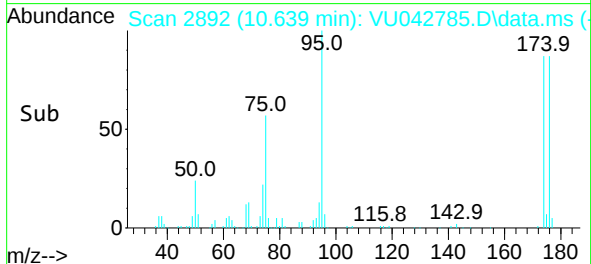
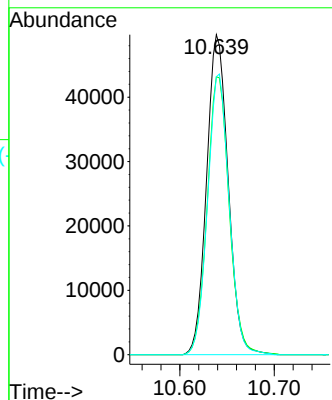
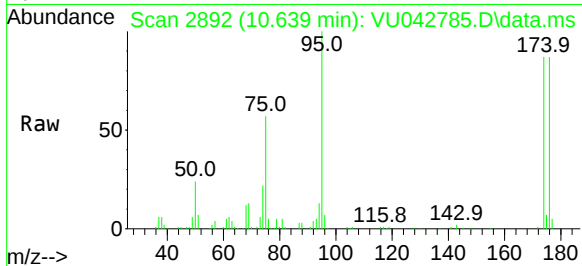




#62
4-Bromofluorobenzene
Concen: 45.19 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU042785.D
Acq: 25 Mar 2021 15:13

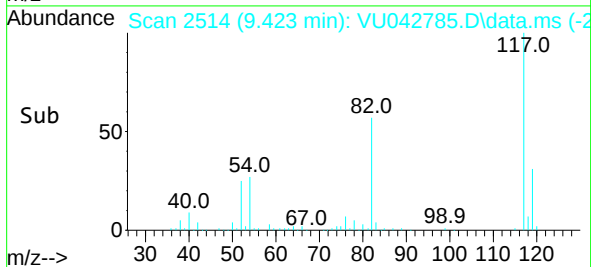
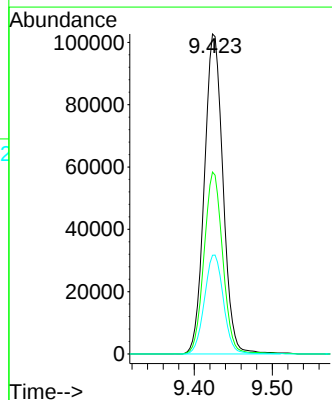
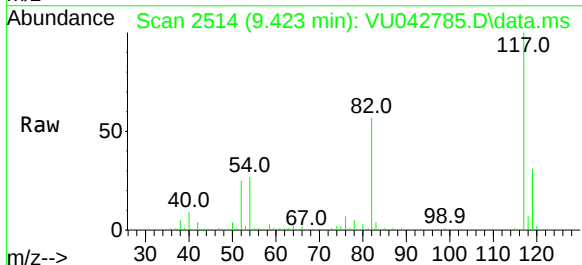
Instrument :
MSVOA_U
ClientSampleId :
EXTERIOR-SLAB-BRICK-2

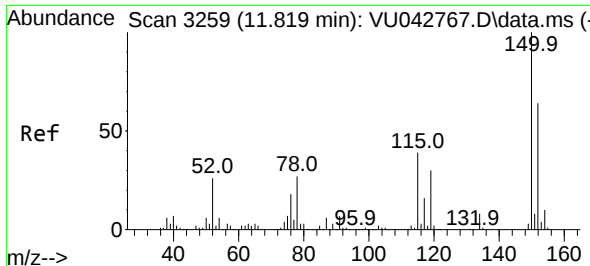
Tgt Ion:	95	Resp:	78973
Ion	Ratio	Lower	Upper
95	100		
174	88.2	0.0	175.2
176	87.5	0.0	167.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.003 min
Lab File: VU042785.D
Acq: 25 Mar 2021 15:13

Tgt Ion:	117	Resp:	170744
Ion	Ratio	Lower	Upper
117	100		
82	56.8	45.5	68.3
119	30.8	26.2	39.4

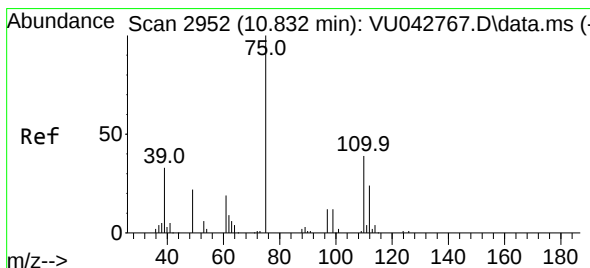
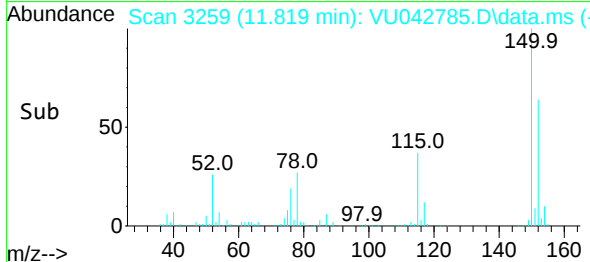
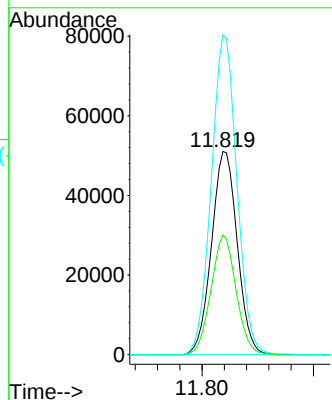
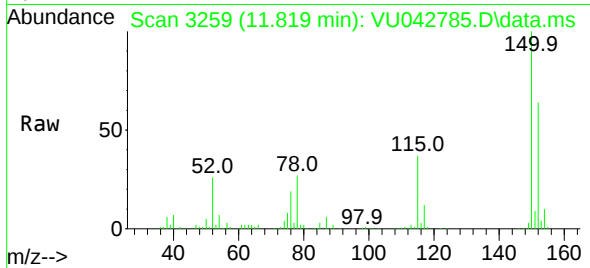




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU042785.D
 Acq: 25 Mar 2021 15:13

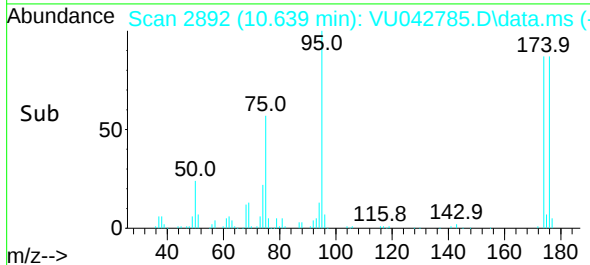
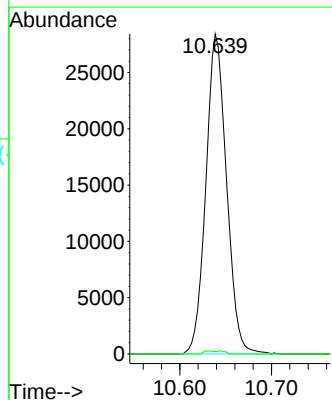
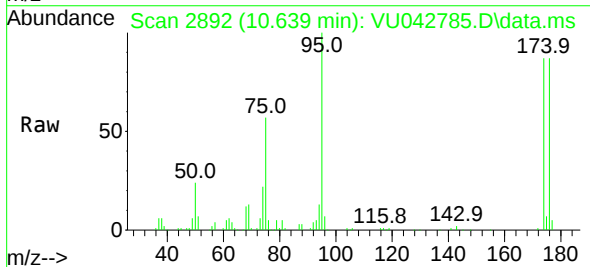
Instrument :
 MSVOA_U
 ClientSampleId :
 EXTERIOR-SLAB-BRICK-2

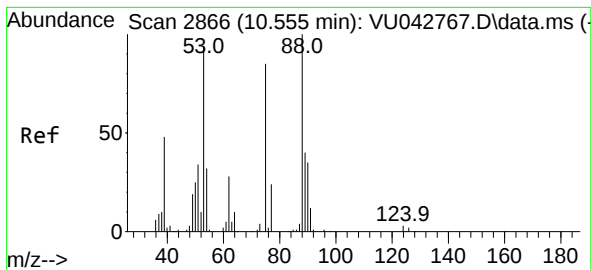
Tgt Ion:152 Resp: 81902
 Ion Ratio Lower Upper
 152 100
 115 57.2 41.0 123.0
 150 156.5 0.0 341.0



#76
 1,2,3-Trichloropropane
 Concen: 21.33 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.193 min
 Lab File: VU042785.D
 Acq: 25 Mar 2021 15:13

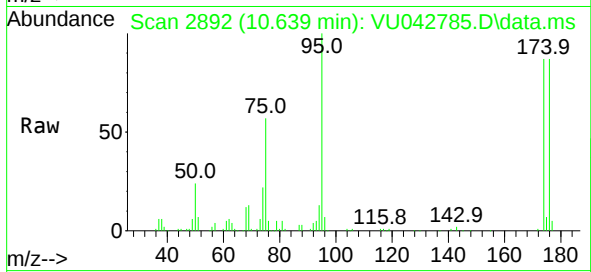
Tgt Ion: 75 Resp: 44428
 Ion Ratio Lower Upper
 75 100
 77 0.5 19.6 58.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.20 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. 0.083 min
 Lab File: VU042785.D
 Acq: 25 Mar 2021 15:13

Instrument :
 MSVOA_U
 ClientSampleId :
 EXTERIOR-SLAB-BRICK-2



Tgt Ion: 75 Resp: 44428
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.3 132.5#
 89 0.0 35.7 53.5#

