

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032521\
 Data File : VU042788.D
 Acq On : 25 Mar 2021 16:22
 Operator : SY/MD
 Sample : M1791-27
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ROSE-BRICK-INTERIOR

Quant Time: Mar 26 02:07:05 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)

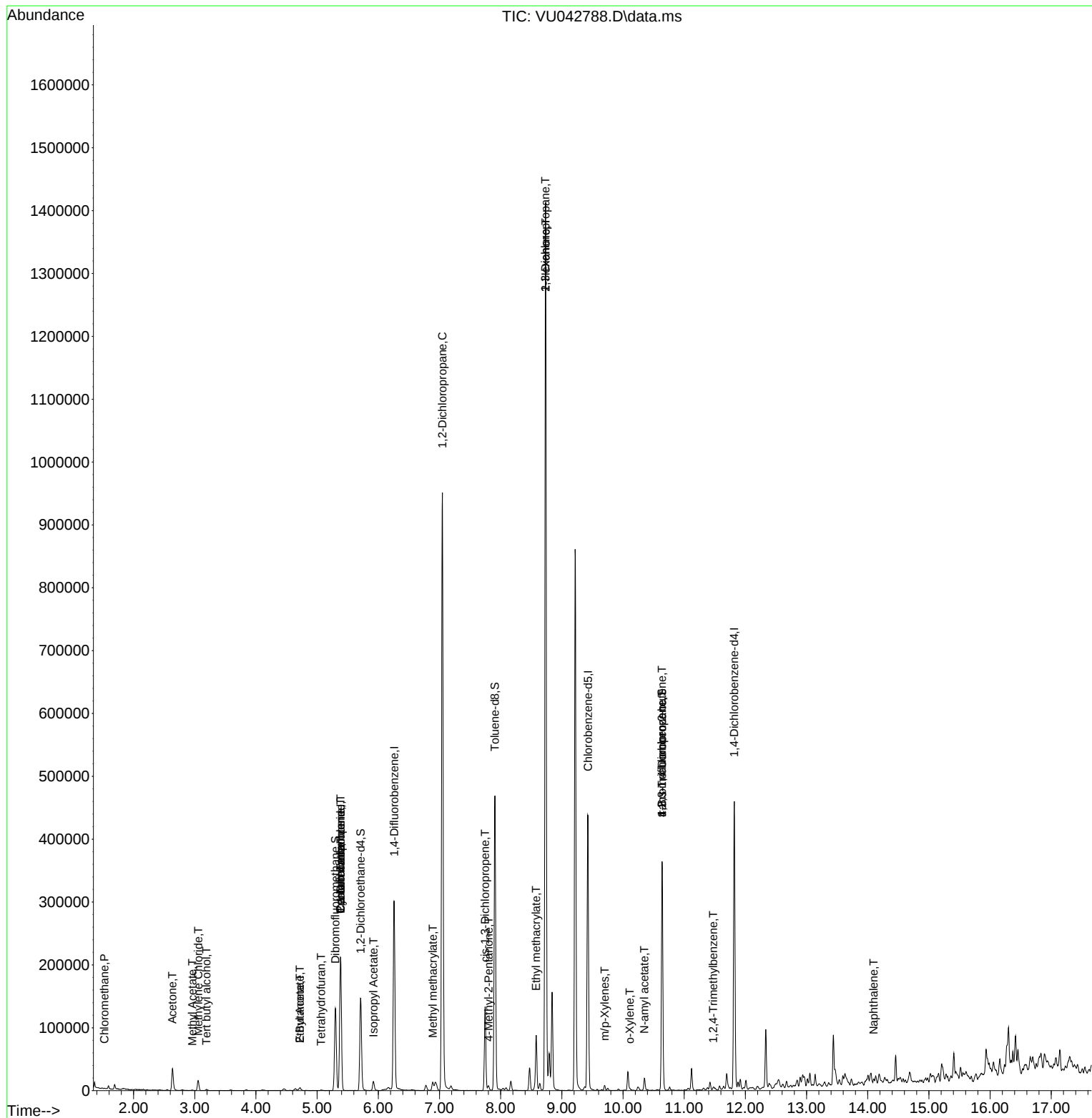
Internal Standards						
1) Pentafluorobenzene	5.385	168	146306	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.260	114	226646	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.427	117	224677	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	113511	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	113477	48.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.30%	
35) Dibromofluoromethane	5.298	113	79917	47.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.50%	
50) Toluene-d8	7.906	98	287743	48.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.70%	
62) 4-Bromofluorobenzene	10.639	95	108464	46.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.80%	
Target Compounds					Qvalue	
3) Chloromethane	1.523	50	471	0.25	ug/l #	43
6) Chloroethane	1.916	64	64	Below Cal	#	43
11) Tert butyl alcohol	3.192	59	761	1.53	ug/l #	74
16) Acetone	2.636	43	43481	24.48	ug/l	98
18) Methyl Acetate	2.961	43	1618	0.61	ug/l #	56
20) Methylene Chloride	3.057	84	7215	4.30	ug/l	90
25) 2-Butanone	4.716	43	7501	3.95	ug/l	91
29) Tetrahydrofuran	5.067	42	366	0.31	ug/l #	59
31) Cyclohexane	5.385	56	3487	1.20	ug/l #	8
36) 1,1-Dichloropropene	5.382	75	11923	5.32	ug/l #	50
37) Ethyl Acetate	4.716	43	7501	2.16	ug/l #	72
38) Carbon Tetrachloride	5.382	117	14665	5.73	ug/l #	18
43) Isopropyl Acetate	5.922	43	16139	3.08	ug/l	100
45) 1,2-Dichloropropane	7.047	63	1023	0.57	ug/l #	45
48) Methyl methacrylate	6.893	41	8280	3.27	ug/l #	36
51) 4-Methyl-2-Pentanone	7.803	43	5290	1.44	ug/l	94
54) cis-1,3-Dichloropropene	7.745	75	20103	7.03	ug/l #	64
56) Ethyl methacrylate	8.581	69	554	0.21	ug/l #	1
57) 1,3-Dichloropropane	8.732	76	12900	4.26	ug/l #	42
59) 2-Hexanone	8.735	43	217182	74.50	ug/l #	54
68) m/p-Xylenes	9.700	106	2309	0.76	ug/l	95
69) o-Xylene	10.108	106	689	0.24	ug/l	99
74) N-amyl acetate	10.349	43	3617	0.89	ug/l #	7
76) 1,2,3-Trichloropropane	10.639	75	61678	21.37	ug/l #	38
81) trans-1,4-Dichloro-2-b...	10.639	75	61678	63.30	ug/l #	6
84) 1,2,4-Trimethylbenzene	11.475	105	1663	0.26	ug/l	78
95) Naphthalene	14.095	128	2544	2.89	ug/l #	87

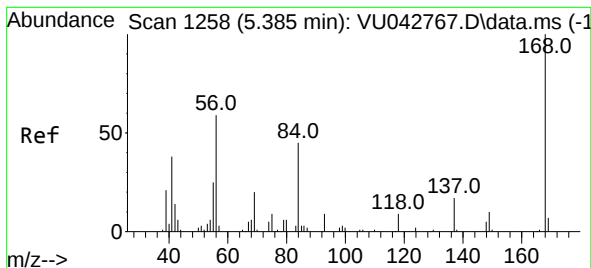
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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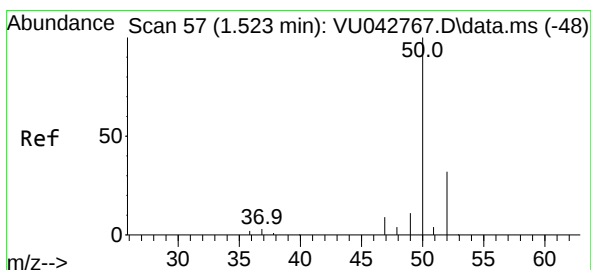
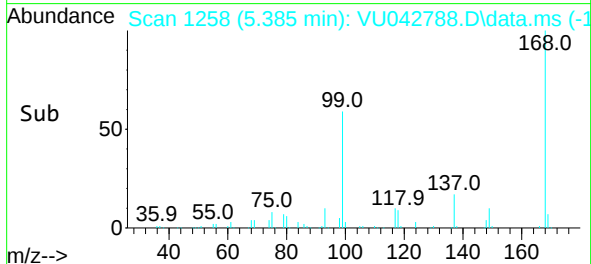
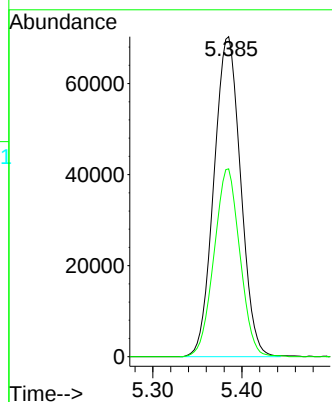
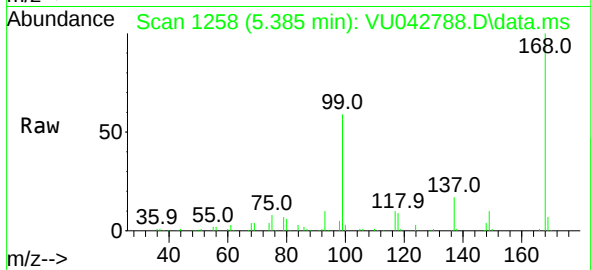




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VU042788.D
Acq: 25 Mar 2021 16:22

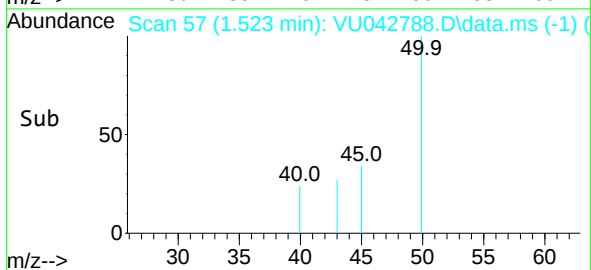
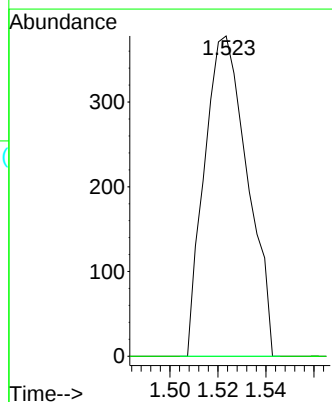
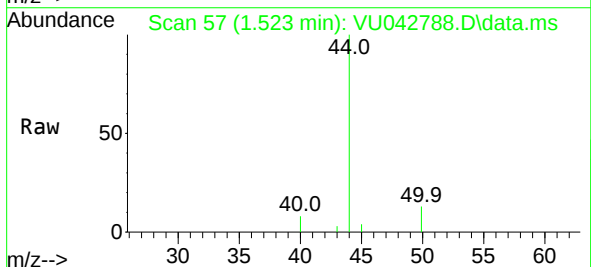
Instrument :
MSVOA_U
ClientSampleId :
ROSE-BRICK-INTERIOR

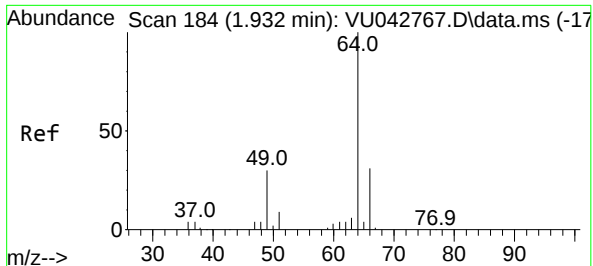
Tgt Ion:168 Resp: 146306
Ion Ratio Lower Upper
168 100
99 58.7 46.4 69.6



#3
Chloromethane
Concen: 0.25 ug/l
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042788.D
Acq: 25 Mar 2021 16:22

Tgt Ion: 50 Resp: 471
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.0#

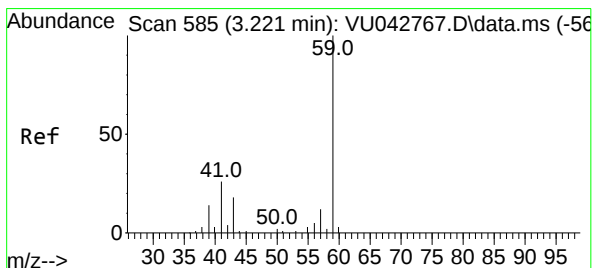
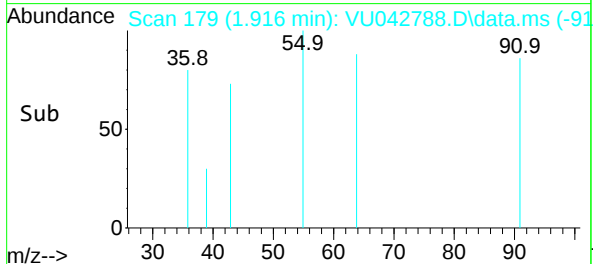
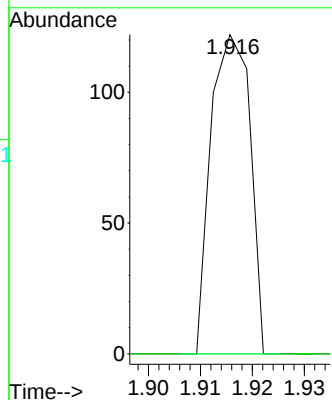
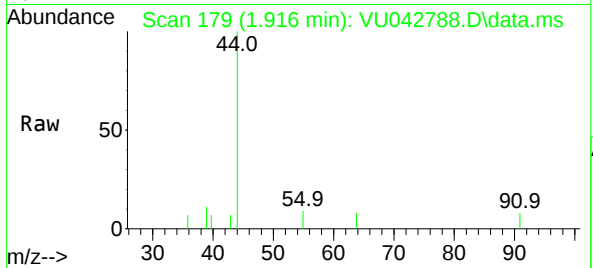




#6
Chloroethane
Concen: Below Cal
RT: 1.916 min Scan# 179
Delta R.T. -0.016 min
Lab File: VU042788.D
Acq: 25 Mar 2021 16:22

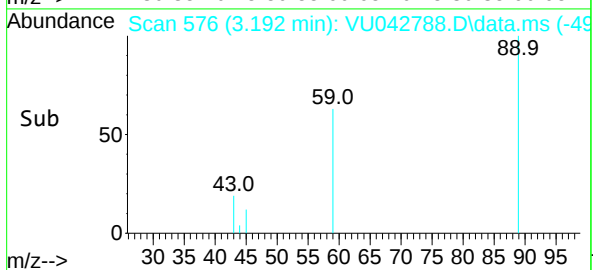
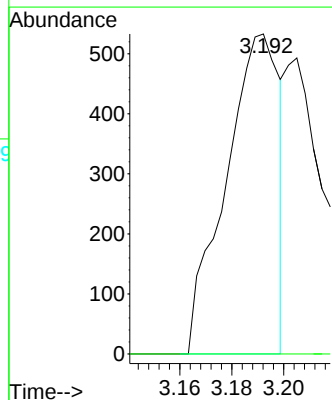
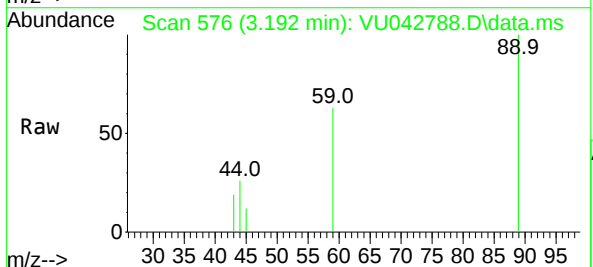
Instrument :
MSVOA_U
ClientSampleId :
ROSE-BRICK-INTERIOR

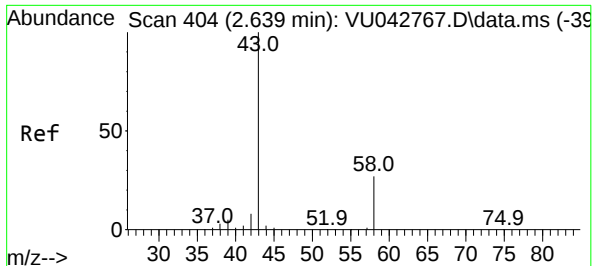
Tgt Ion: 64 Resp: 64
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.6#



#11
Tert butyl alcohol
Concen: 1.53 ug/l
RT: 3.192 min Scan# 576
Delta R.T. -0.029 min
Lab File: VU042788.D
Acq: 25 Mar 2021 16:22

Tgt Ion: 59 Resp: 761
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

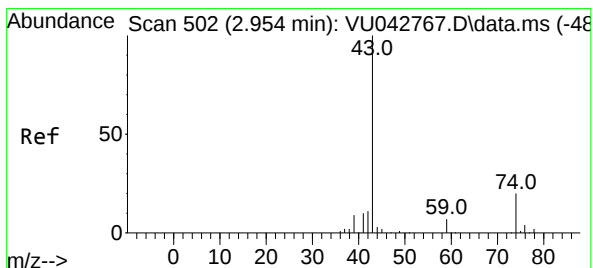
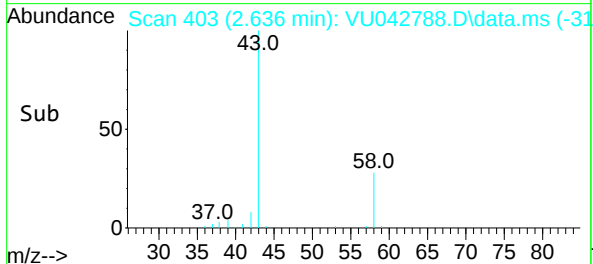
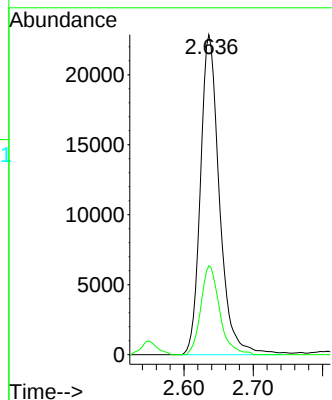
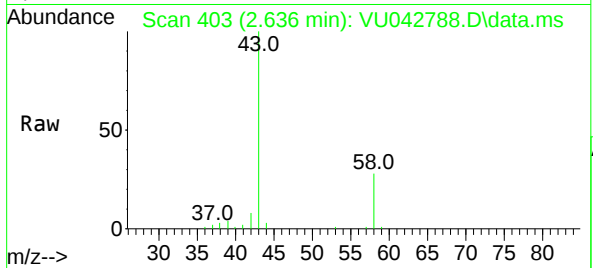




#16
Acetone
Concen: 24.48 ug/l
RT: 2.636 min Scan# 403
Delta R.T. -0.003 min
Lab File: VU042788.D
Acq: 25 Mar 2021 16:22

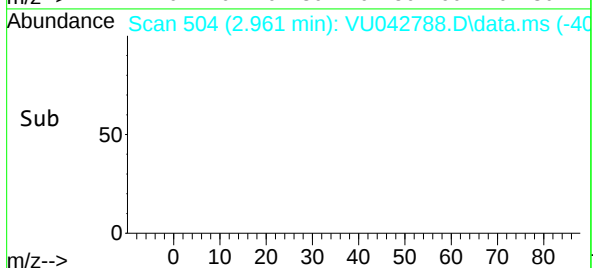
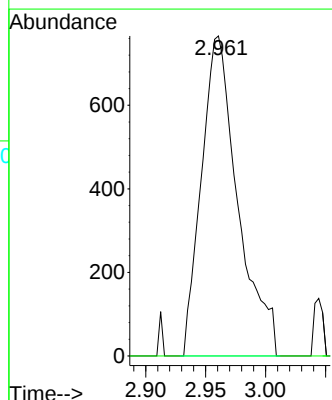
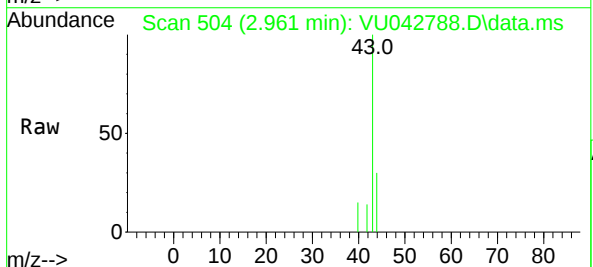
Instrument :
MSVOA_U
ClientSampleId :
ROSE-BRICK-INTERIOR

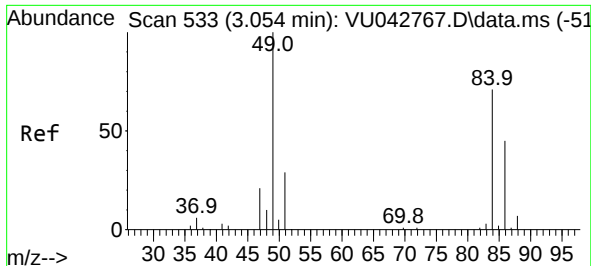
Tgt Ion: 43 Resp: 43481
Ion Ratio Lower Upper
43 100
58 27.8 21.6 32.4



#18
Methyl Acetate
Concen: 0.61 ug/l
RT: 2.961 min Scan# 504
Delta R.T. 0.006 min
Lab File: VU042788.D
Acq: 25 Mar 2021 16:22

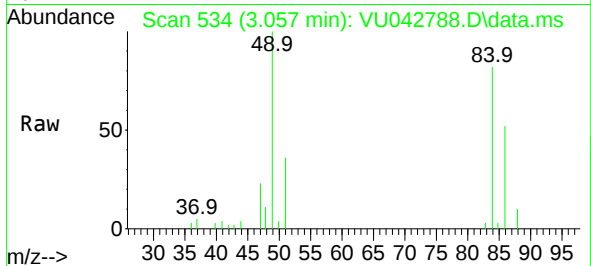
Tgt Ion: 43 Resp: 1618
Ion Ratio Lower Upper
43 100
74 0.0 16.2 24.4#



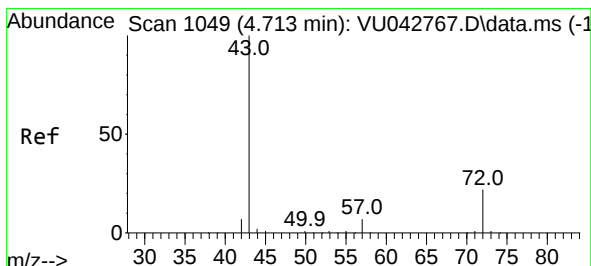
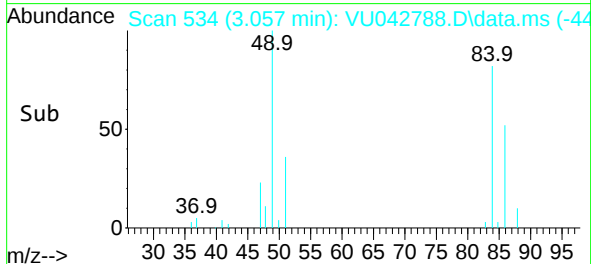
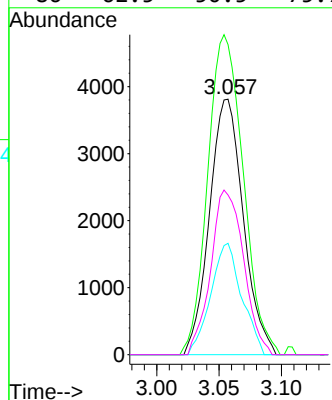


#20
Methylene Chloride
Concen: 4.30 ug/l
RT: 3.057 min Scan# 534
Delta R.T. 0.003 min
Lab File: VU042788.D
Acq: 25 Mar 2021 16:22

Instrument :
MSVOA_U
ClientSampleId :
ROSE-BRICK-INTERIOR

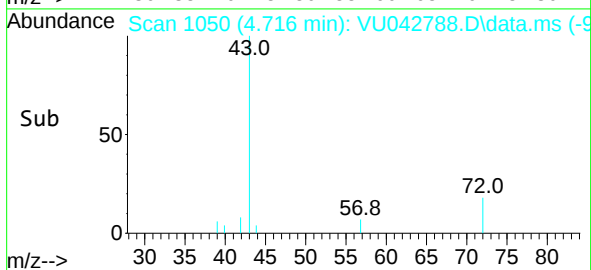
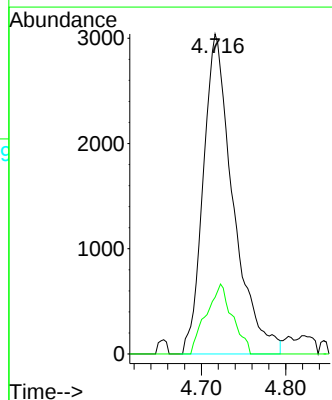
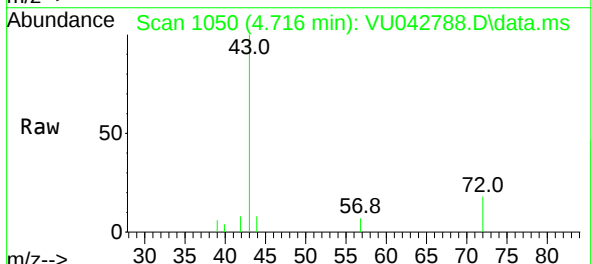


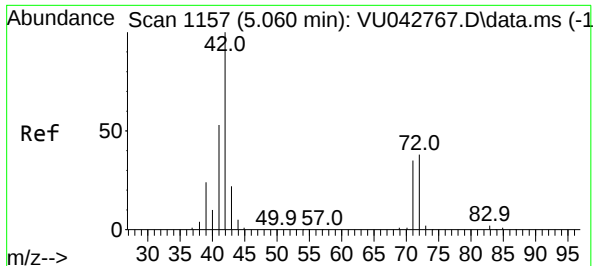
Tgt Ion:	84	Resp:	7215
Ion	Ratio	Lower	Upper
84	100		
49	121.4	113.0	169.4
51	43.6	32.9	49.3
86	62.5	50.5	75.7



#25
2-Butanone
Concen: 3.95 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VU042788.D
Acq: 25 Mar 2021 16:22

Tgt Ion:	43	Resp:	7501
Ion	Ratio	Lower	Upper
43	100		
72	17.7	17.7	26.5





#29

Tetrahydrofuran

Concen: 0.31 ug/l

RT: 5.067 min Scan# 1159

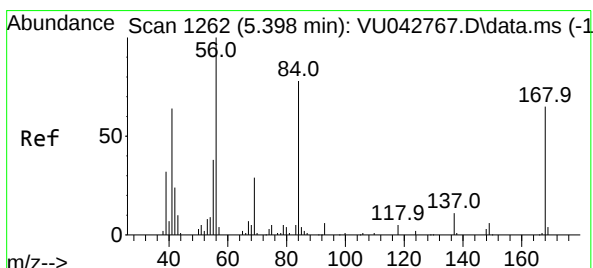
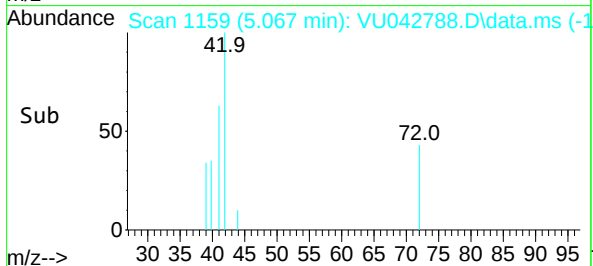
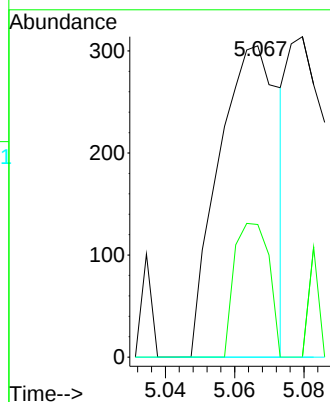
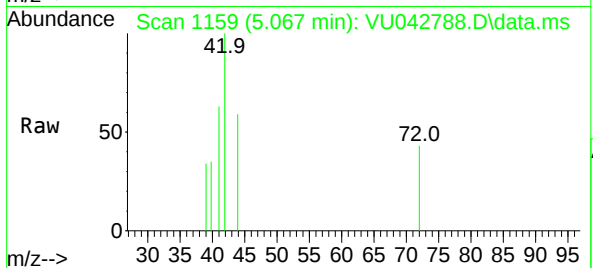
Delta R.T. 0.006 min

Lab File: VU042788.D

Acq: 25 Mar 2021 16:22

Tgt Ion:	42	Resp:	366
Ion	Ratio	Lower	Upper
42	100		
72	24.9	30.2	45.4#
71	0.0	28.6	42.8#

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#31

Cyclohexane

Concen: 1.20 ug/l

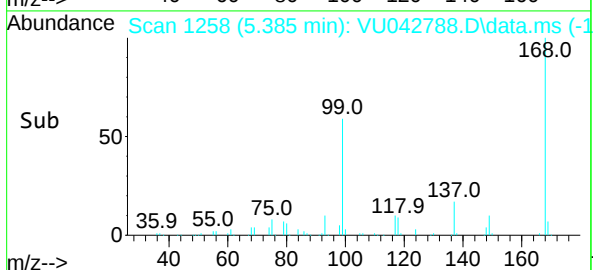
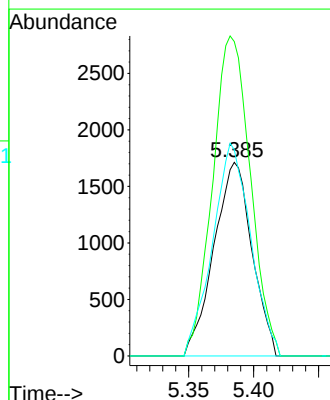
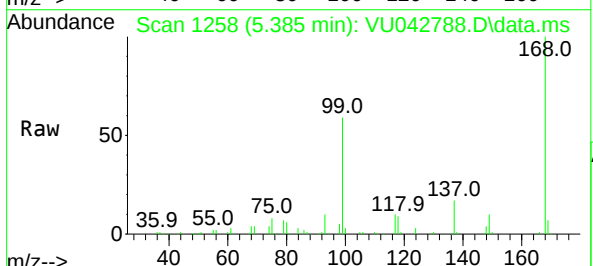
RT: 5.385 min Scan# 1258

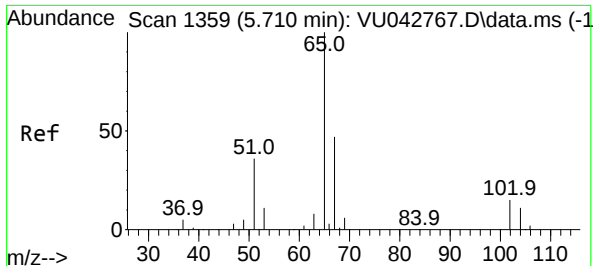
Delta R.T. -0.013 min

Lab File: VU042788.D

Acq: 25 Mar 2021 16:22

Tgt Ion:	56	Resp:	3487
Ion	Ratio	Lower	Upper
56	100		
69	162.4	23.3	34.9#
84	106.5	62.2	93.4#





#33

1,2-Dichloroethane-d4

Concen: 48.65 ug/l

RT: 5.710 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VU042788.D

Acq: 25 Mar 2021 16:22

Tgt Ion: 65 Resp: 113477

Ion Ratio Lower Upper

65 100

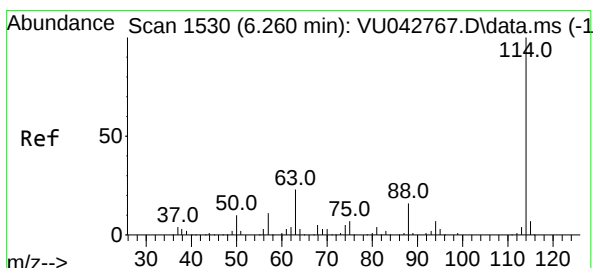
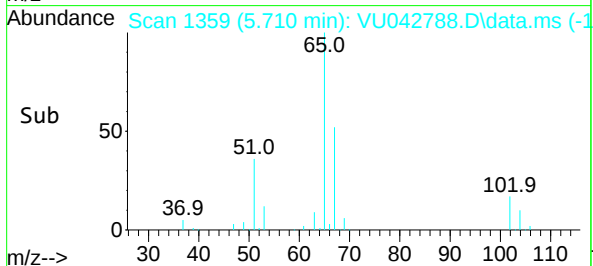
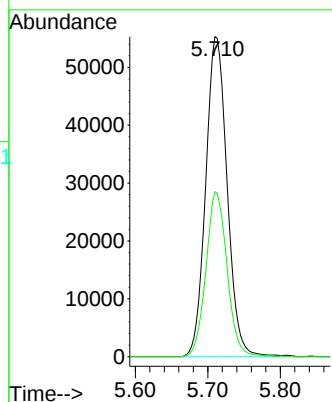
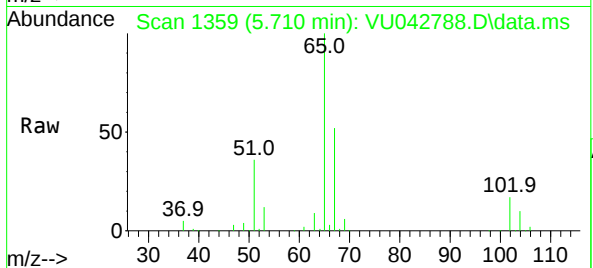
67 50.8 0.0 98.8

Instrument :

MSVOA_U

ClientSampleId :

ROSE-BRICK-INTERIOR



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.260 min Scan# 1530

Delta R.T. -0.000 min

Lab File: VU042788.D

Acq: 25 Mar 2021 16:22

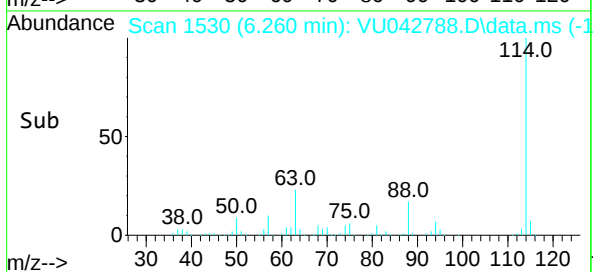
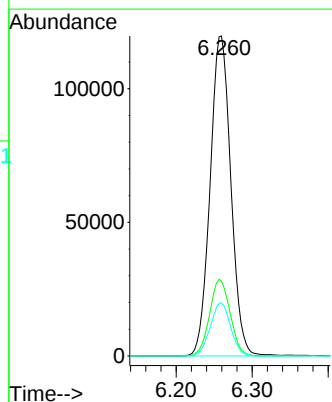
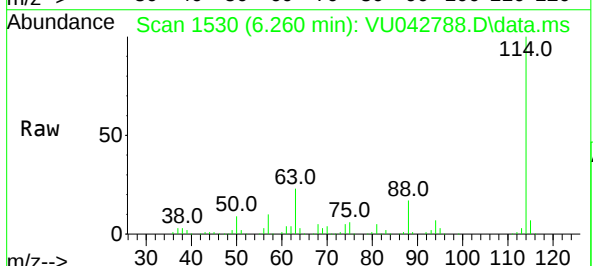
Tgt Ion: 114 Resp: 226646

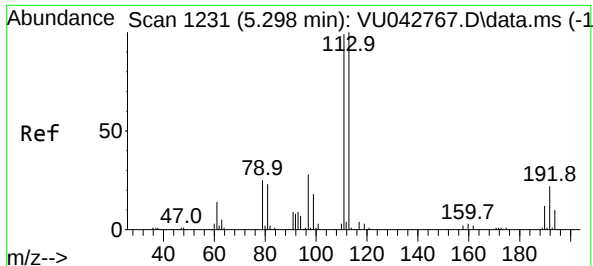
Ion Ratio Lower Upper

114 100

63 23.4 0.0 46.8

88 16.6 0.0 32.2





#35

Dibromofluoromethane

Concen: 47.25 ug/l

RT: 5.298 min Scan# 1231

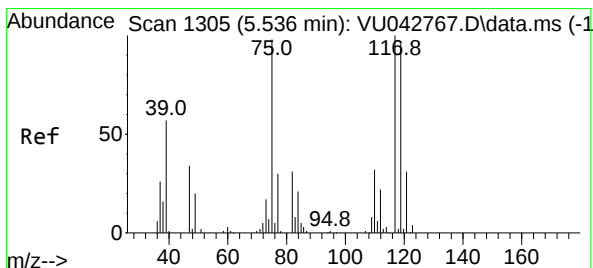
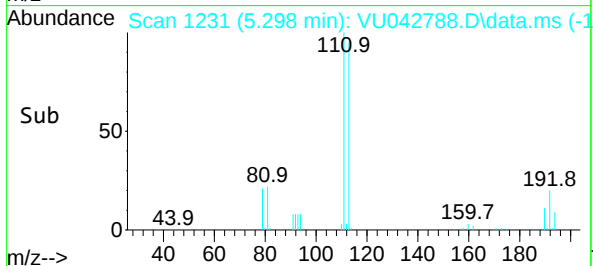
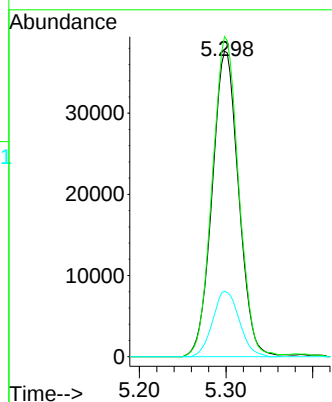
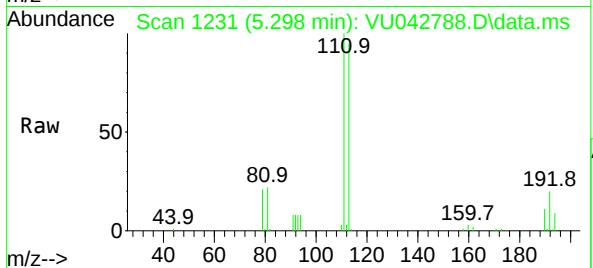
Delta R.T. -0.000 min

Lab File: VU042788.D

Acq: 25 Mar 2021 16:22

Tgt Ion:	113	Resp:	79917
Ion	Ratio	Lower	Upper
113	100		
111	104.5	82.1	123.1
192	21.6	17.6	26.4

Instrument :
MSVOA_U
ClientSampleId :
ROSE-BRICK-INTERIOR



#36

1,1-Dichloropropene

Concen: 5.32 ug/l

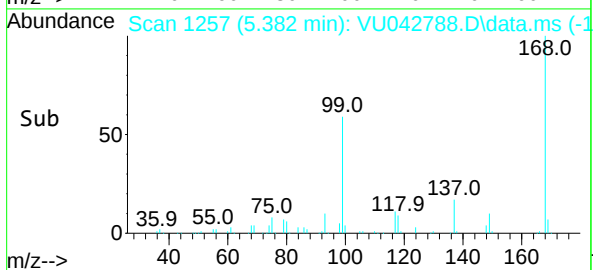
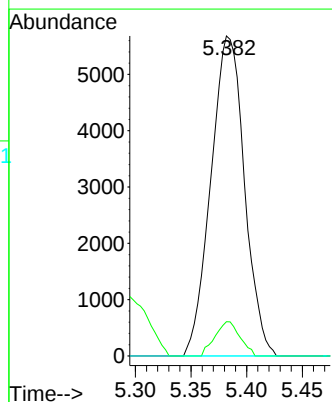
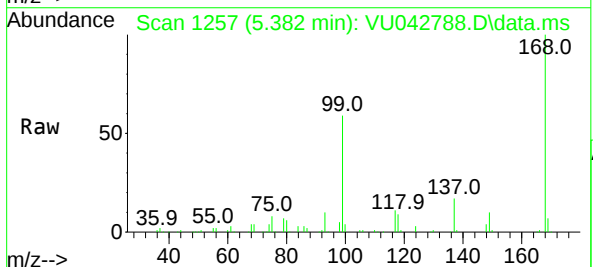
RT: 5.382 min Scan# 1257

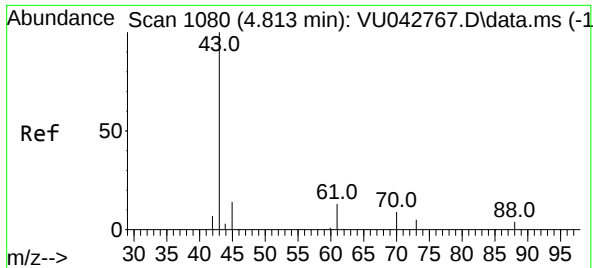
Delta R.T. -0.154 min

Lab File: VU042788.D

Acq: 25 Mar 2021 16:22

Tgt Ion:	75	Resp:	11923
Ion	Ratio	Lower	Upper
75	100		
110	8.0	16.6	49.7#
77	0.0	24.7	37.1#





#37

Ethyl Acetate

Concen: 2.16 ug/l

RT: 4.716 min Scan# 1050

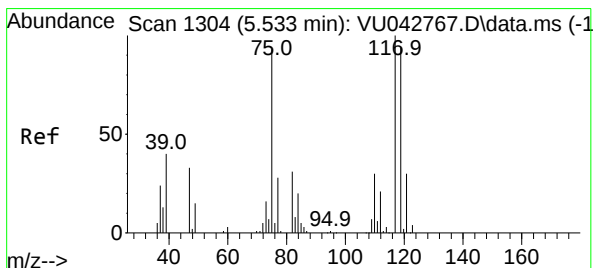
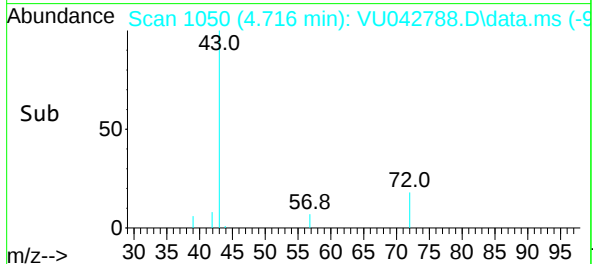
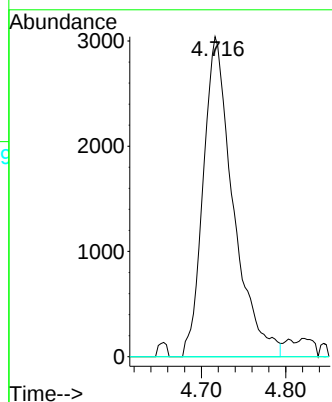
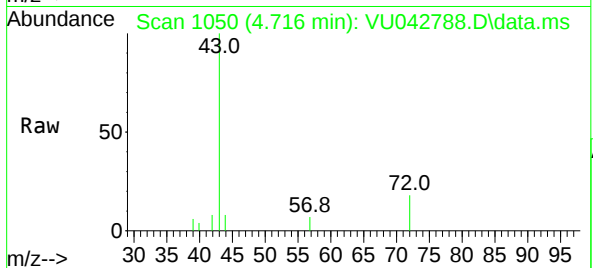
Delta R.T. -0.097 min

Lab File: VU042788.D

Acq: 25 Mar 2021 16:22

Tgt Ion: 43	Resp: 7501
Ion Ratio	Lower Upper
43 100	
61 0.0	9.7 14.5#
70 0.0	6.6 9.8#

Instrument :
MSVOA_U
ClientSampleId :
ROSE-BRICK-INTERIOR



#38

Carbon Tetrachloride

Concen: 5.73 ug/l

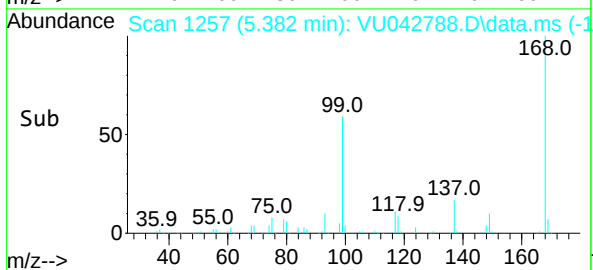
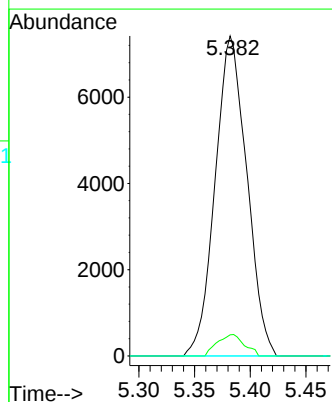
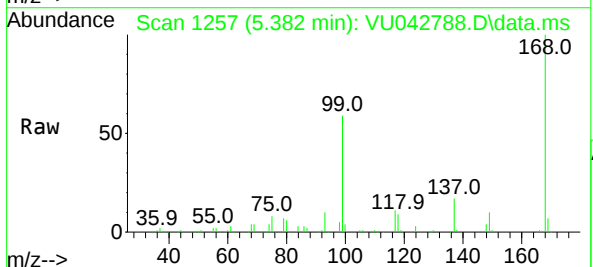
RT: 5.382 min Scan# 1257

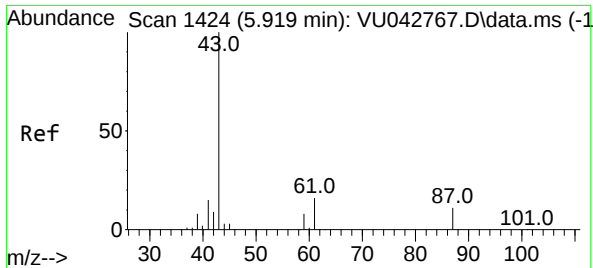
Delta R.T. -0.151 min

Lab File: VU042788.D

Acq: 25 Mar 2021 16:22

Tgt Ion: 117	Resp: 14665
Ion Ratio	Lower Upper
117 100	
119 6.6	75.2 112.8#
121 0.0	24.2 36.4#

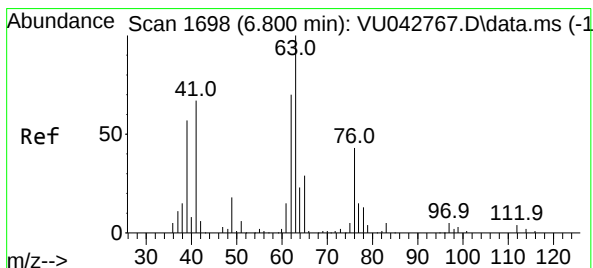
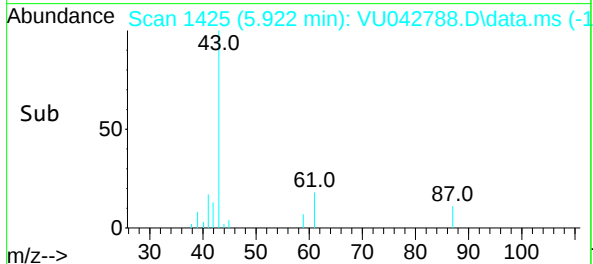
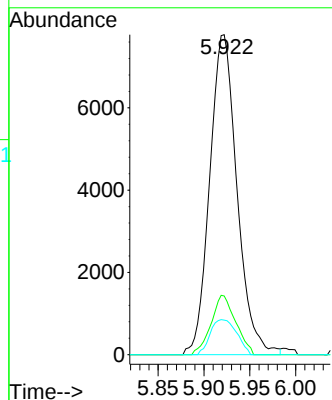
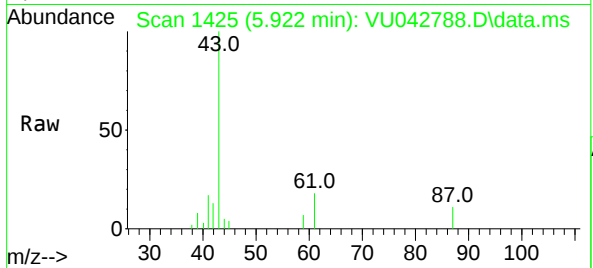




#43
Isopropyl Acetate
Concen: 3.08 ug/l
RT: 5.922 min Scan# 1425
Delta R.T. 0.003 min
Lab File: VU042788.D
Acq: 25 Mar 2021 16:22

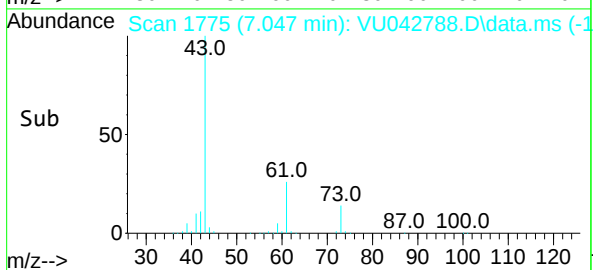
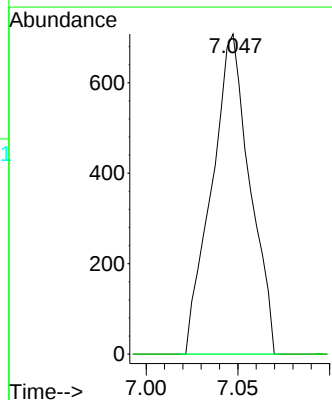
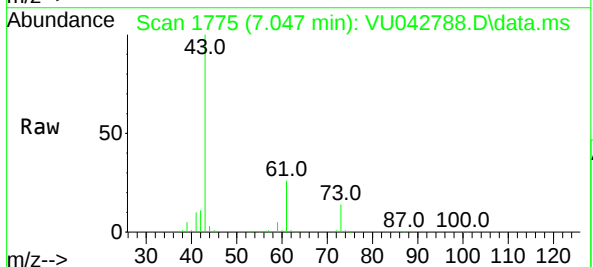
Instrument :
MSVOA_U
ClientSampleId :
ROSE-BRICK-INTERIOR

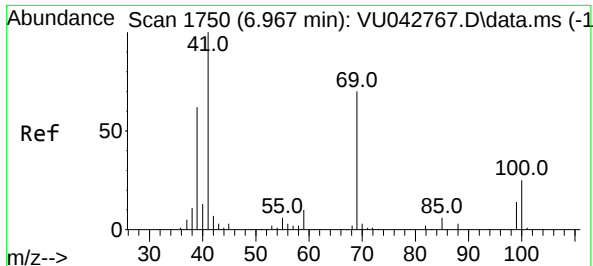
Tgt Ion:	43	Resp:	16139
Ion	Ratio	Lower	Upper
43	100		
61	16.7	13.4	20.0
87	10.6	8.7	13.1



#45
1,2-Dichloropropane
Concen: 0.57 ug/l
RT: 7.047 min Scan# 1775
Delta R.T. 0.248 min
Lab File: VU042788.D
Acq: 25 Mar 2021 16:22

Tgt Ion:	63	Resp:	1023
Ion	Ratio	Lower	Upper
63	100		
65	0.0	23.5	35.3#





#48

Methyl methacrylate

Concen: 3.27 ug/l

RT: 6.893 min Scan# 1727

Delta R.T. -0.074 min

Lab File: VU042788.D

Acq: 25 Mar 2021 16:22

Tgt Ion: 41 Resp: 8280

Ion Ratio Lower Upper

41 100

69 0.0 55.9 83.9#

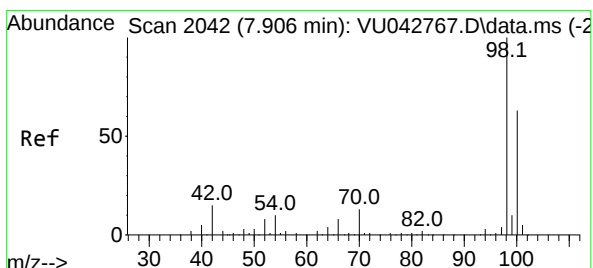
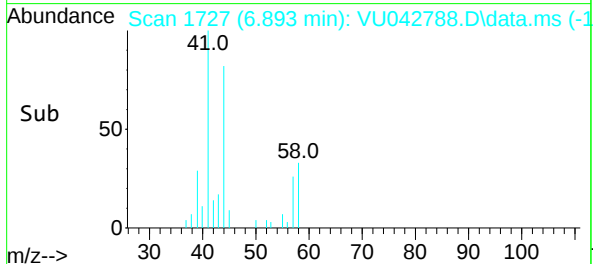
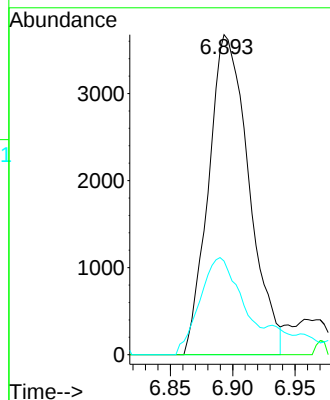
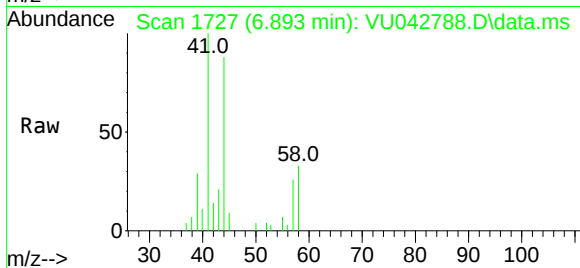
39 32.0 49.7 74.5#

Instrument :

MSVOA_U

ClientSampleId :

ROSE-BRICK-INTERIOR



#50

Toluene-d8

Concen: 48.35 ug/l

RT: 7.906 min Scan# 2042

Delta R.T. -0.000 min

Lab File: VU042788.D

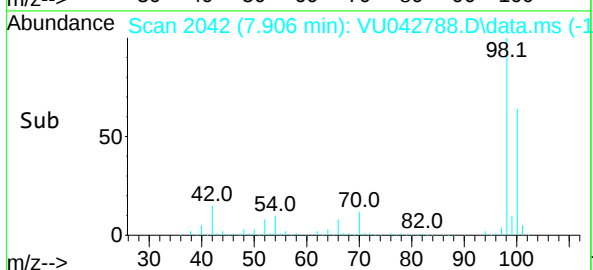
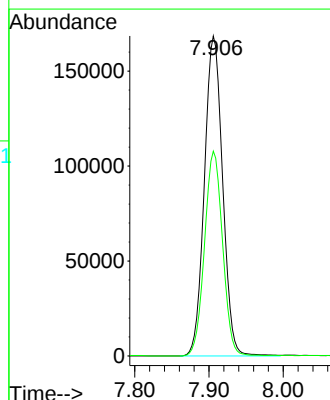
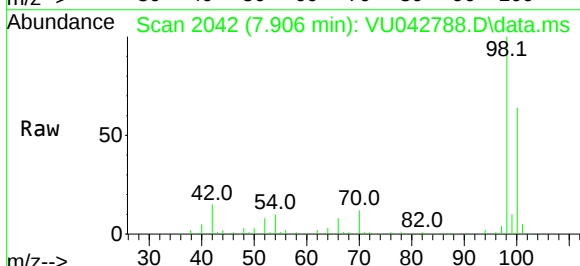
Acq: 25 Mar 2021 16:22

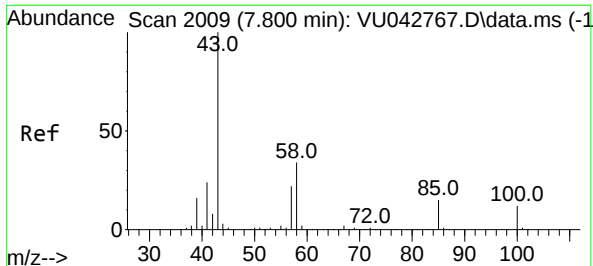
Tgt Ion: 98 Resp: 287743

Ion Ratio Lower Upper

98 100

100 63.4 50.4 75.6

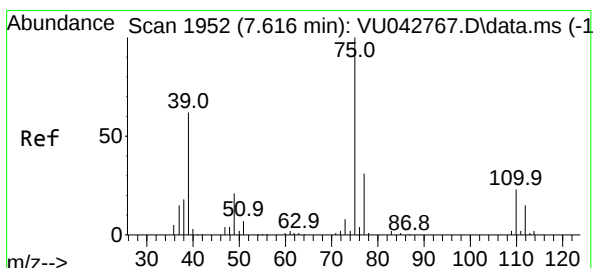
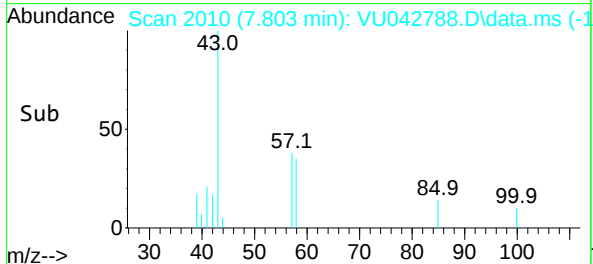
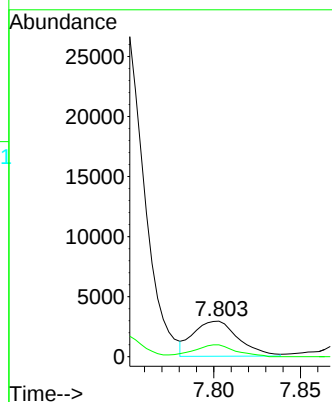
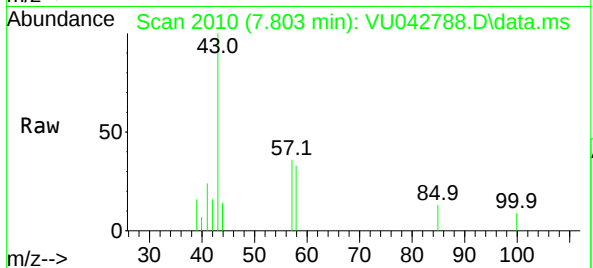




#51
4-Methyl-2-Pentanone
Concen: 1.44 ug/l
RT: 7.803 min Scan# 2010
Delta R.T. 0.003 min
Lab File: VU042788.D
Acq: 25 Mar 2021 16:22

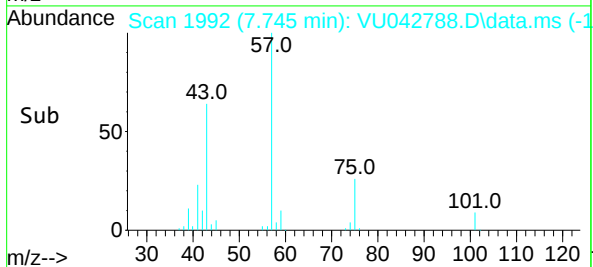
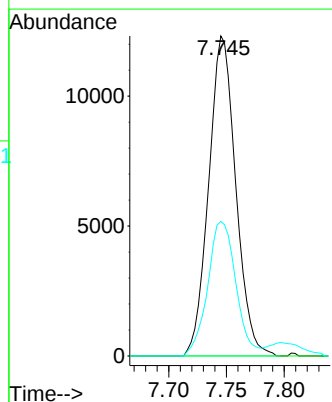
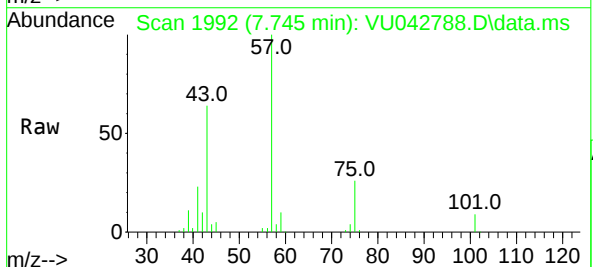
Instrument :
MSVOA_U
ClientSampleId :
ROSE-BRICK-INTERIOR

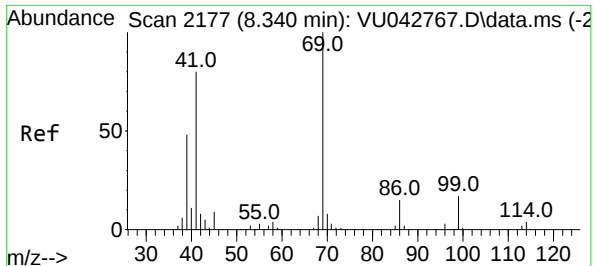
Tgt Ion: 43 Resp: 5290
Ion Ratio Lower Upper
43 100
58 31.0 27.4 41.2



#54
cis-1,3-Dichloropropene
Concen: 7.03 ug/l
RT: 7.745 min Scan# 1992
Delta R.T. 0.129 min
Lab File: VU042788.D
Acq: 25 Mar 2021 16:22

Tgt Ion: 75 Resp: 20103
Ion Ratio Lower Upper
75 100
77 0.0 24.8 37.2#
39 42.1 49.2 73.8#

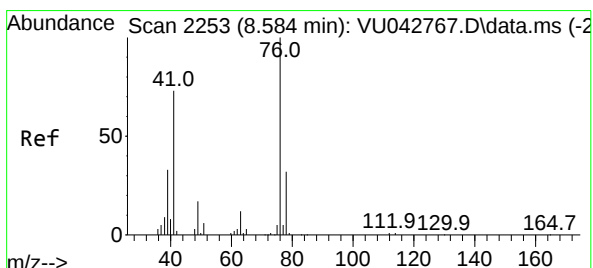
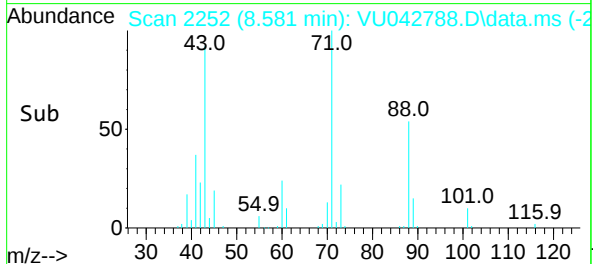
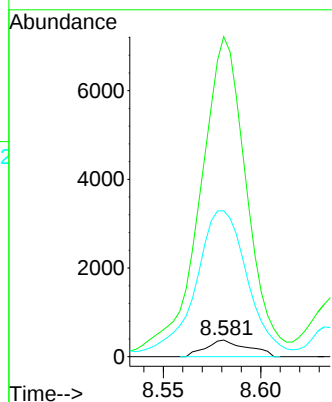
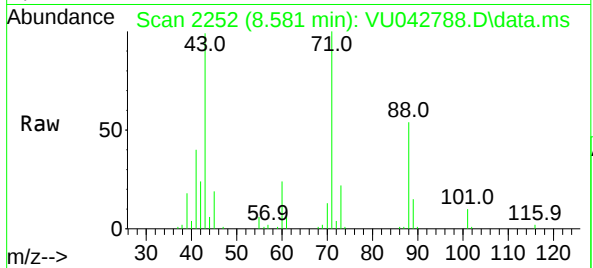




#56
Ethyl methacrylate
Concen: 0.21 ug/l
RT: 8.581 min Scan# 2252
Delta R.T. 0.241 min
Lab File: VU042788.D
Acq: 25 Mar 2021 16:22

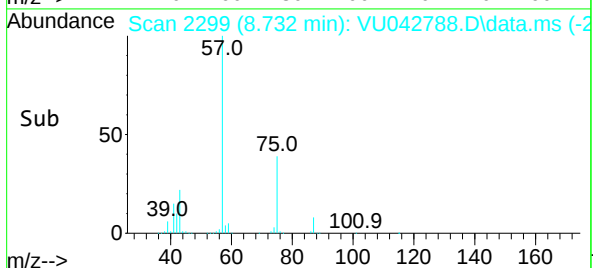
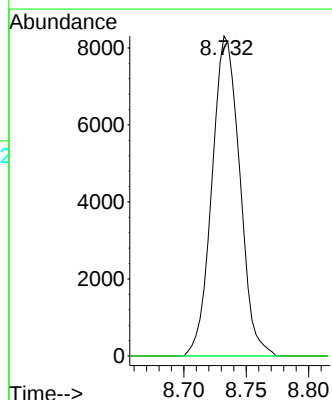
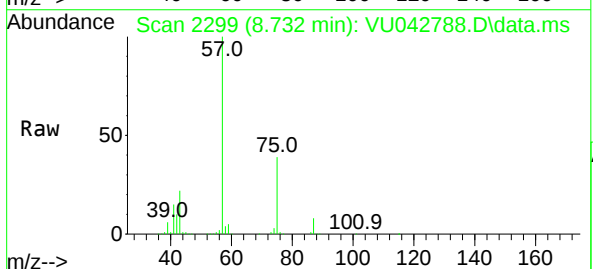
Instrument :
MSVOA_U
ClientSampleId :
ROSE-BRICK-INTERIOR

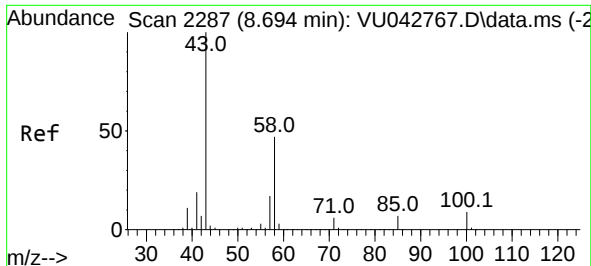
Tgt Ion: 69 Resp: 554
Ion Ratio Lower Upper
69 100
41 2074.7 64.6 97.0#
39 1134.8 38.2 57.2#



#57
1,3-Dichloropropane
Concen: 4.26 ug/l
RT: 8.732 min Scan# 2299
Delta R.T. 0.148 min
Lab File: VU042788.D
Acq: 25 Mar 2021 16:22

Tgt Ion: 76 Resp: 12900
Ion Ratio Lower Upper
76 100
78 0.0 25.9 38.9#

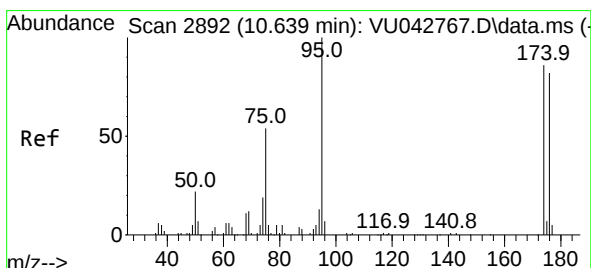
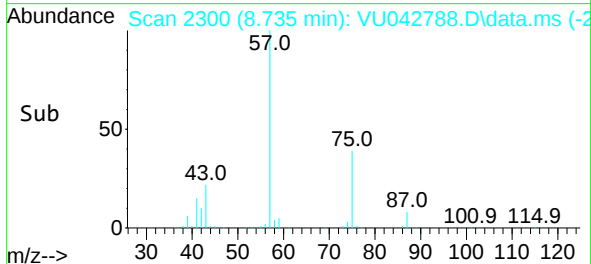
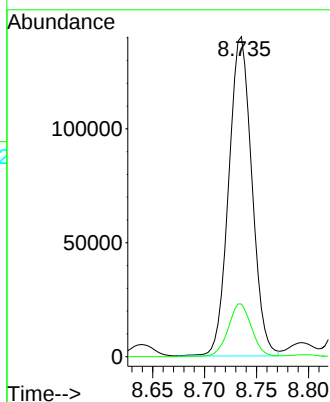
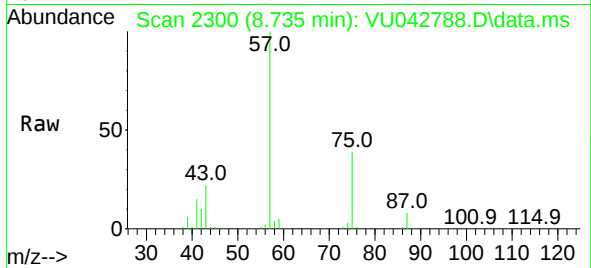




#59
2-Hexanone
Concen: 74.50 ug/l
RT: 8.735 min Scan# 2300
Delta R.T. 0.042 min
Lab File: VU042788.D
Acq: 25 Mar 2021 16:22

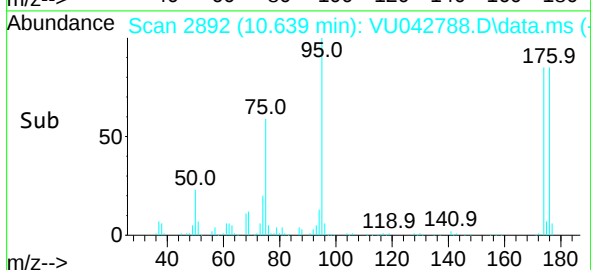
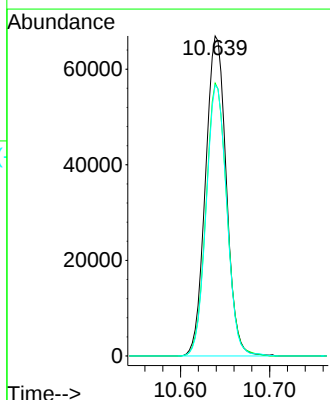
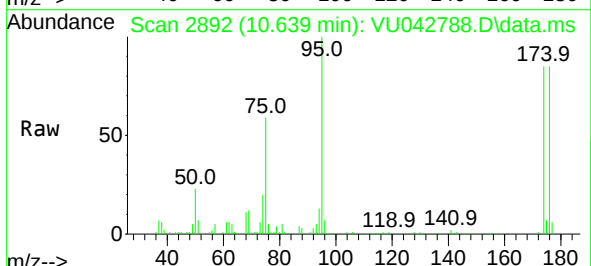
Instrument :
MSVOA_U
ClientSampleId :
ROSE-BRICK-INTERIOR

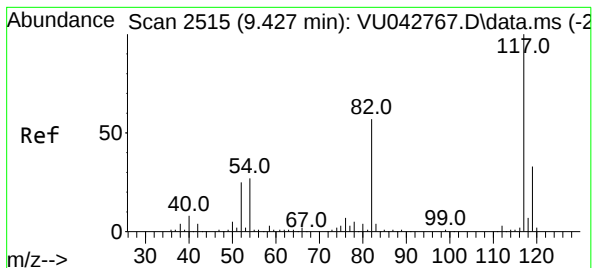
Tgt Ion: 43 Resp: 217182
Ion Ratio Lower Upper
43 100
58 16.9 23.8 71.2#



#62
4-Bromofluorobenzene
Concen: 46.90 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU042788.D
Acq: 25 Mar 2021 16:22

Tgt Ion: 95 Resp: 108464
Ion Ratio Lower Upper
95 100
174 85.2 0.0 175.2
176 83.8 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: VU042788.D

Acq: 25 Mar 2021 16:22

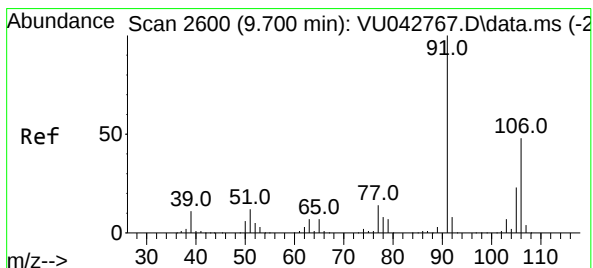
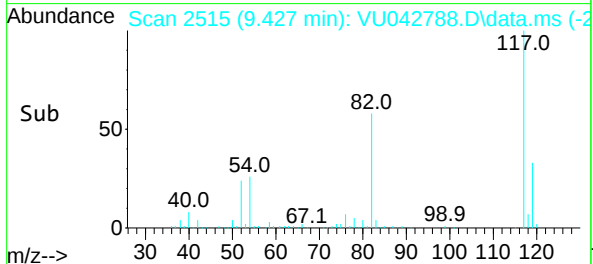
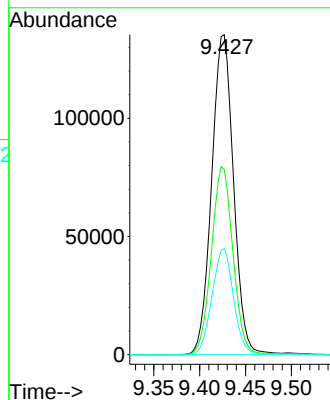
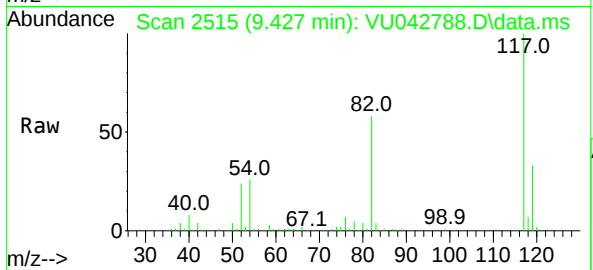
Tgt Ion:117 Resp: 224677

Ion Ratio Lower Upper

117 100

82 57.8 45.5 68.3

119 33.2 26.2 39.4



#68

m/p-Xylenes

Concen: 0.76 ug/l

RT: 9.700 min Scan# 2600

Delta R.T. -0.000 min

Lab File: VU042788.D

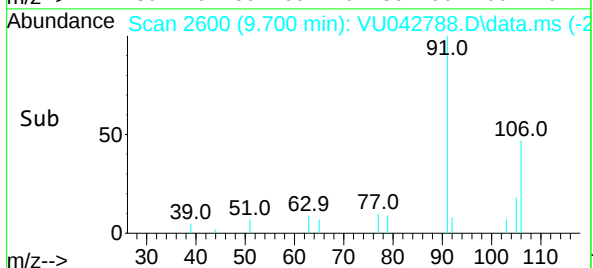
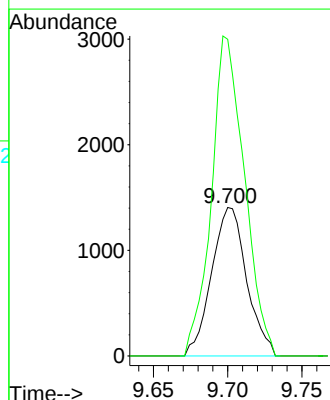
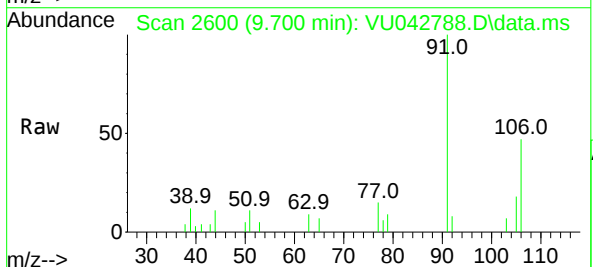
Acq: 25 Mar 2021 16:22

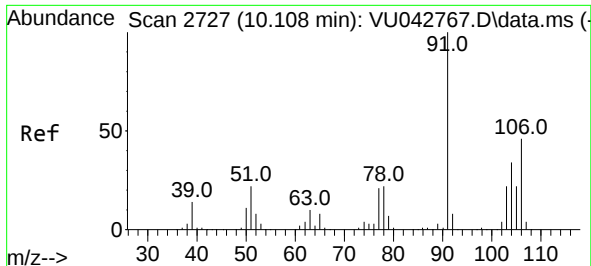
Tgt Ion:106 Resp: 2309

Ion Ratio Lower Upper

106 100

91 202.9 168.3 252.5

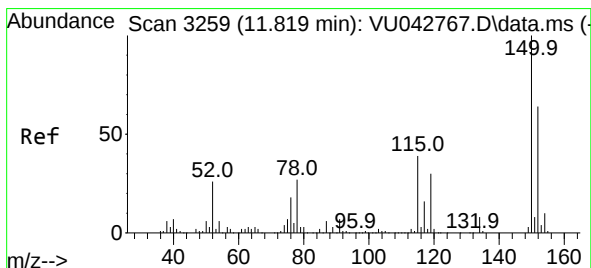
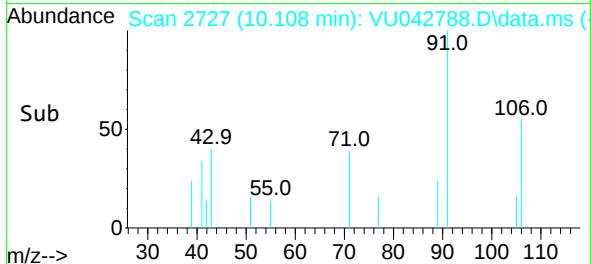
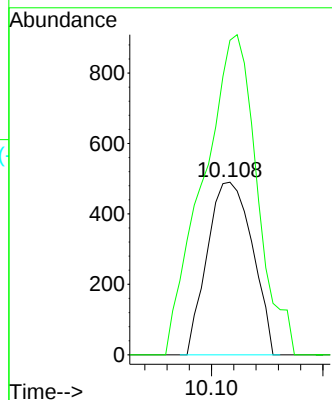
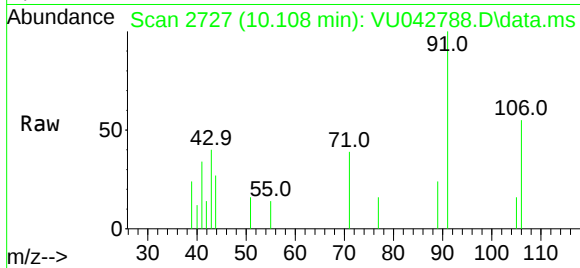




#69
o-Xylene
Concen: 0.24 ug/l
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU042788.D
Acq: 25 Mar 2021 16:22

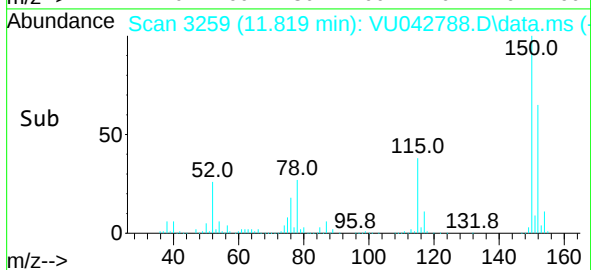
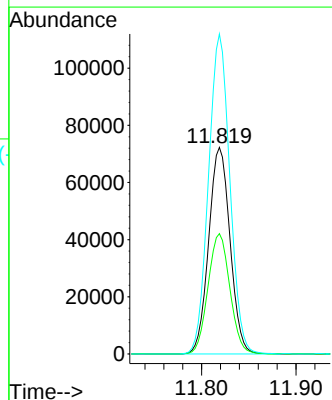
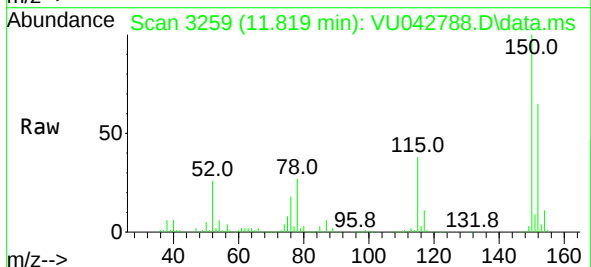
Instrument :
MSVOA_U
ClientSampleId :
ROSE-BRICK-INTERIOR

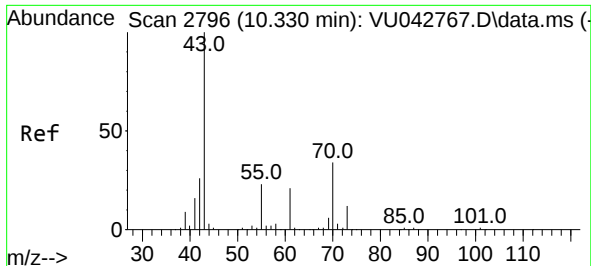
Tgt Ion:106 Resp: 689
Ion Ratio Lower Upper
106 100
91 221.8 109.9 329.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU042788.D
Acq: 25 Mar 2021 16:22

Tgt Ion:152 Resp: 113511
Ion Ratio Lower Upper
152 100
115 59.5 41.0 123.0
150 154.5 0.0 341.0

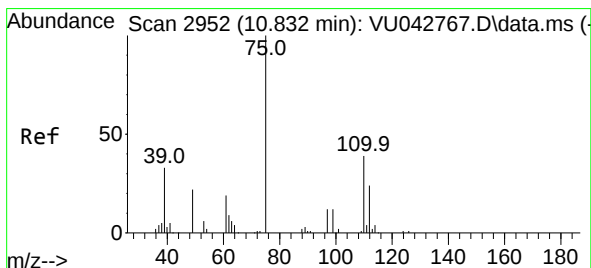
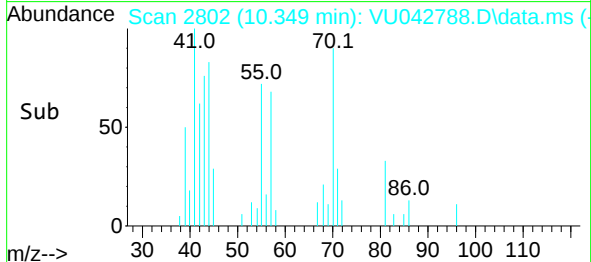
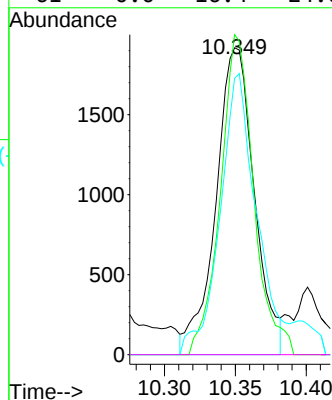
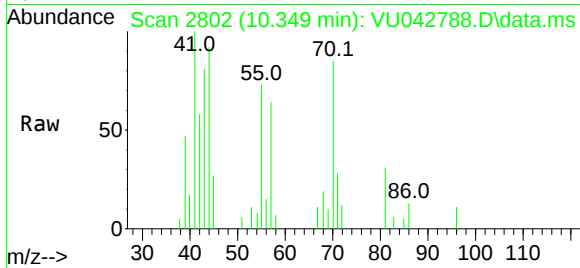




#74
N-amy1 acetate
Concen: 0.89 ug/l
RT: 10.349 min Scan# 2802
Delta R.T. 0.019 min
Lab File: VU042788.D
Acq: 25 Mar 2021 16:22

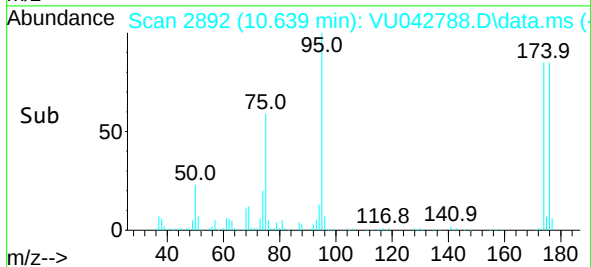
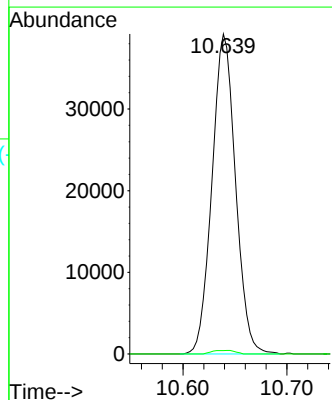
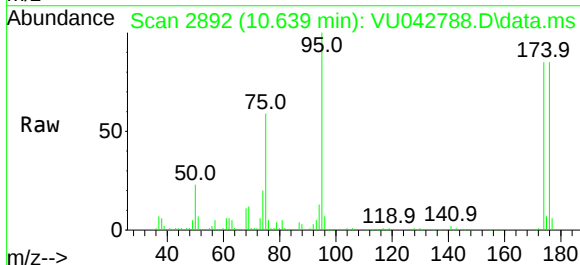
Instrument :
MSVOA_U
ClientSampleId :
ROSE-BRICK-INTERIOR

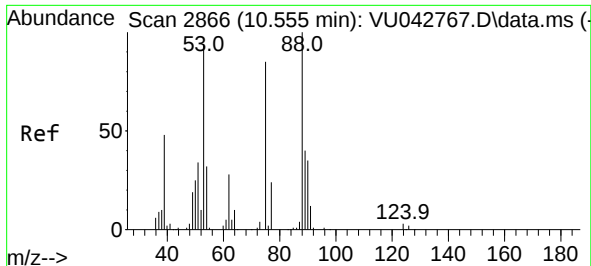
Tgt Ion: 43	Resp: 3617
Ion Ratio	Lower Upper
43	100
70	90.5 27.8 41.6#
55	87.5 18.4 27.6#
61	0.0 16.4 24.6#



#76
1,2,3-Trichloropropane
Concen: 21.37 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU042788.D
Acq: 25 Mar 2021 16:22

Tgt Ion: 75	Resp: 61678
Ion Ratio	Lower Upper
75	100
77	1.1 19.6 58.8#

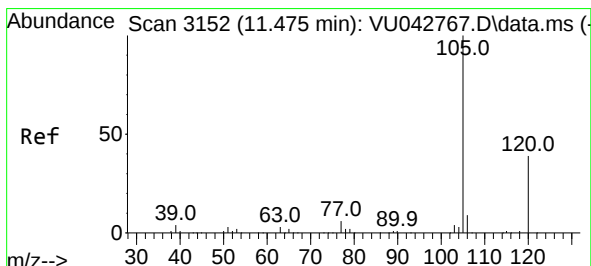
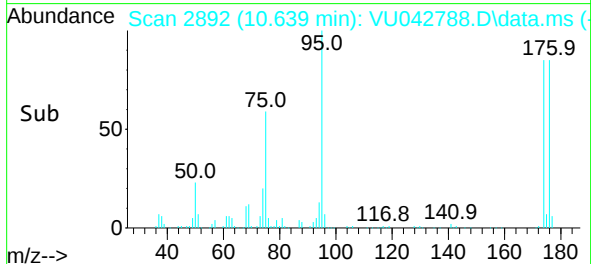
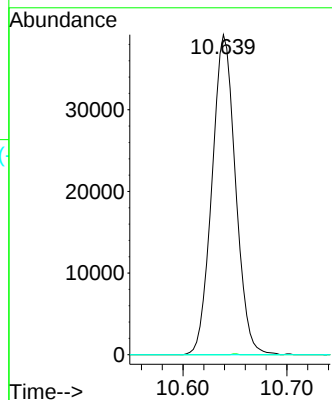
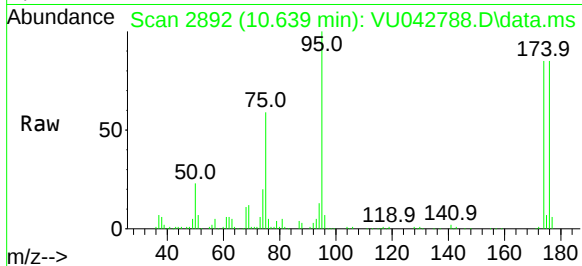




#81
trans-1,4-Dichloro-2-butene
Concen: 63.30 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU042788.D
Acq: 25 Mar 2021 16:22

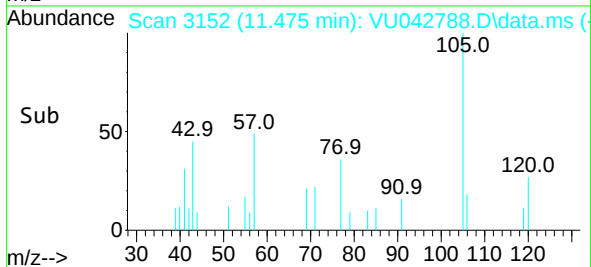
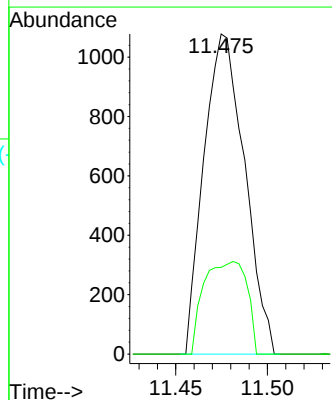
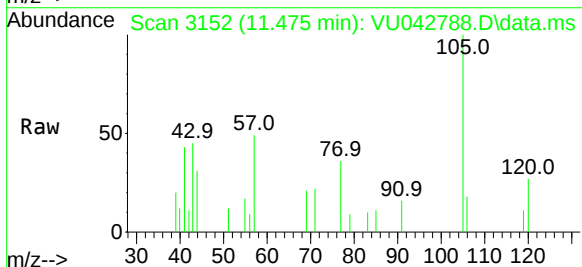
Instrument :
MSVOA_U
ClientSampleId :
ROSE-BRICK-INTERIOR

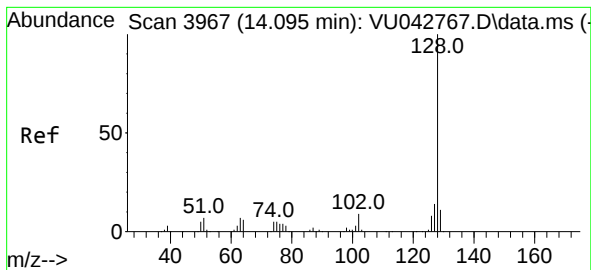
Tgt Ion: 75 Resp: 61678
Ion Ratio Lower Upper
75 100
53 0.1 88.3 132.5#
89 0.0 35.7 53.5#



#84
1,2,4-Trimethylbenzene
Concen: 0.26 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU042788.D
Acq: 25 Mar 2021 16:22

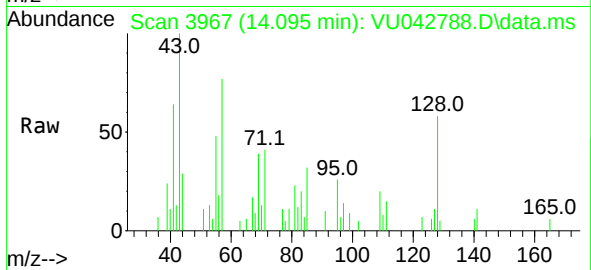
Tgt Ion: 105 Resp: 1663
Ion Ratio Lower Upper
105 100
120 30.5 22.3 66.8





#95
Naphthalene
Concen: 2.89 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU042788.D
Acq: 25 Mar 2021 16:22

Instrument :
MSVOA_U
ClientSampleId :
ROSE-BRICK-INTERIOR



Tgt Ion:128 Resp: 2544
Ion Ratio Lower Upper
128 100
127 13.9 10.9 16.3
129 0.0 8.7 13.1#

