

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061421\
 Data File : VU044185.D
 Acq On : 14 Jun 2021 16:42
 Operator : SY/MD
 Sample : M2672-29
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 15 02:47:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 05:11:37 2021
 Response via : Initial Calibration

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

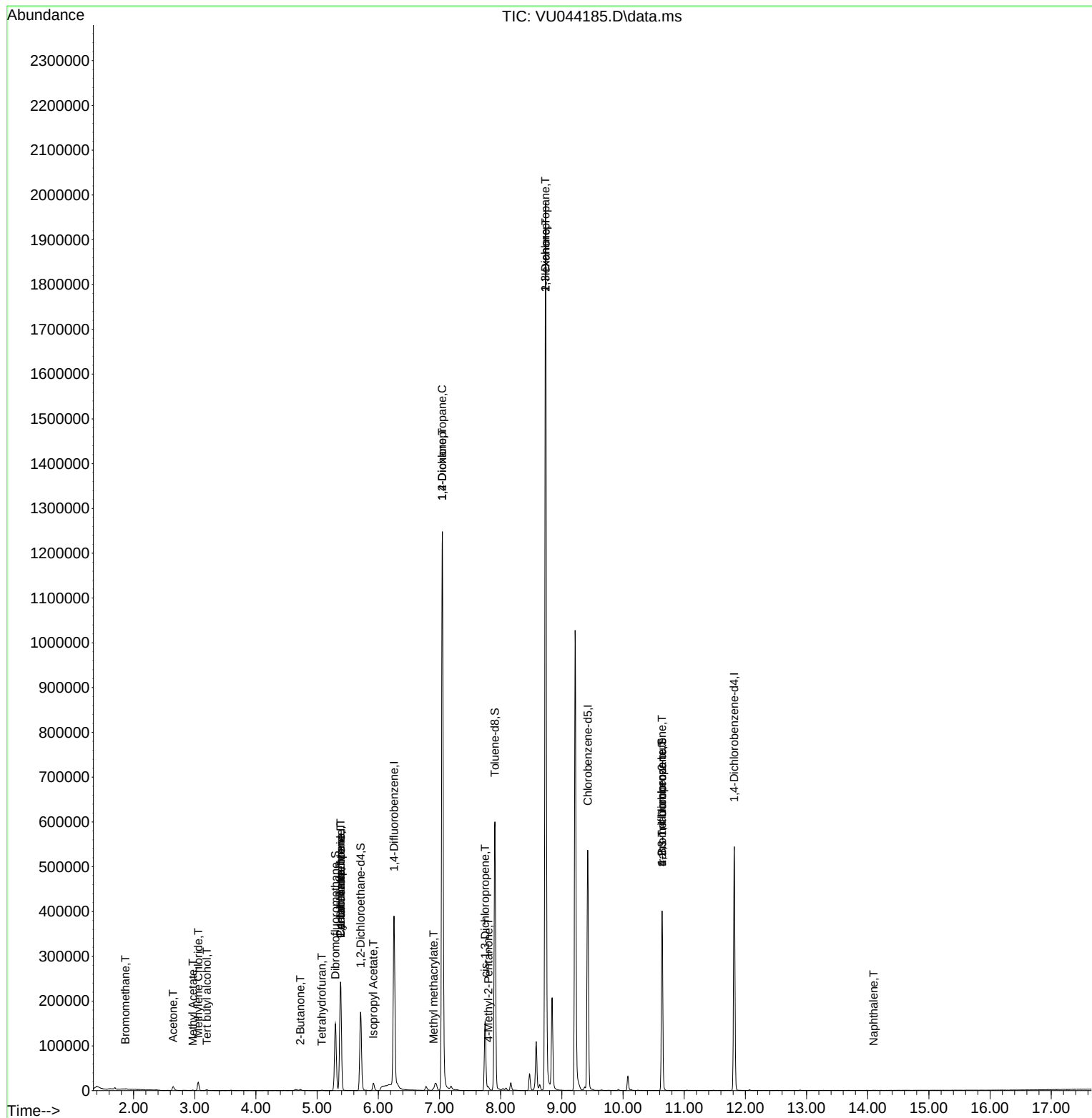
Internal Standards						
1) Pentafluorobenzene	5.385	168	159547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	291311	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	290031	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	135344	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	131539	51.844	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.680%	
35) Dibromofluoromethane	5.298	113	98283	48.500	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.000%	
50) Toluene-d8	7.906	98	386778	49.699	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.400%	
62) 4-Bromofluorobenzene	10.639	95	136773	43.854	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.700%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	367	Below Cal	#	85
5) Bromomethane	1.864	94	250	0.226	ug/l	92
6) Chloroethane	1.922	64	133	Below Cal	#	42
11) Tert butyl alcohol	3.199	59	1596	2.338	ug/l	# 73
16) Acetone	2.646	43	13257	8.047	ug/l	95
18) Methyl Acetate	2.967	43	1524	0.467	ug/l	# 79
20) Methylene Chloride	3.057	84	9094	2.847	ug/l	99
25) 2-Butanone	4.726	43	4068	1.921	ug/l	96
29) Tetrahydrofuran	5.076	42	767	0.666	ug/l	# 54
31) Cyclohexane	5.382	56	3654	1.020	ug/l	# 1
36) 1,1-Dichloropropene	5.382	75	14231	4.391	ug/l	# 51
38) Carbon Tetrachloride	5.382	117	17035	5.822	ug/l	# 17
43) Isopropyl Acetate	5.919	43	17499	3.178	ug/l	98
45) 1,2-Dichloropropane	7.044	63	1632	0.626	ug/l	# 43
48) Methyl methacrylate	6.903	41	6617	2.469	ug/l	# 11
49) 1,4-Dioxane	7.044	88	105	1.498	ug/l	# 1
51) 4-Methyl-2-Pentanone	7.800	43	4901	1.230	ug/l	95
54) cis-1,3-Dichloropropene	7.745	75	29120	7.455	ug/l	# 65
57) 1,3-Dichloropropane	8.732	76	20997	4.950	ug/l	# 42
59) 2-Hexanone	8.735	43	274669	86.356	ug/l	# 48
76) 1,2,3-Trichloropropane	10.639	75	71110	15.670	ug/l	# 47
81) trans-1,4-Dichloro-2-b...	10.639	75	71110	56.806	ug/l	# 13
95) Naphthalene	14.095	128	308	2.866	ug/l	# 69

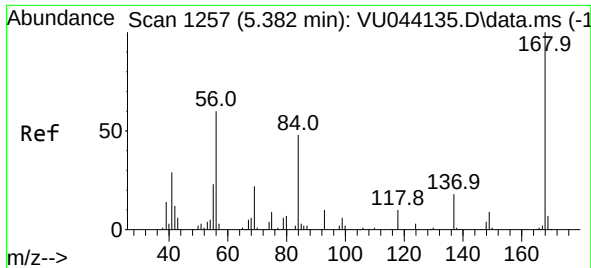
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061421\
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ClientSampleId :

Quant Time: Jun 15 02:47:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060921W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 10 05:11:37 2021
Response via : Initial Calibration

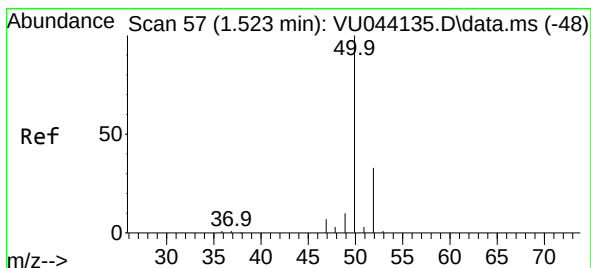
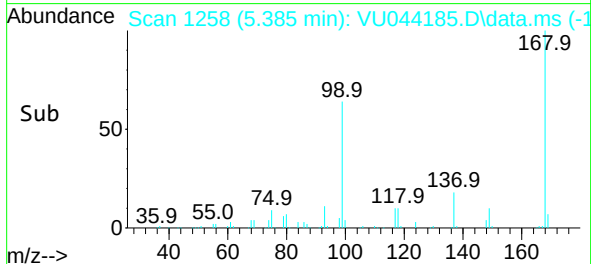
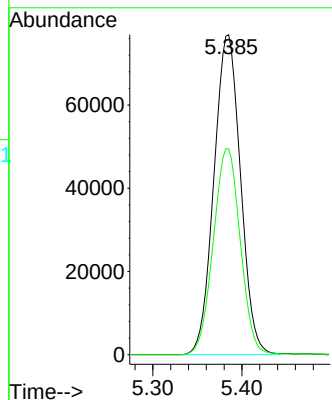
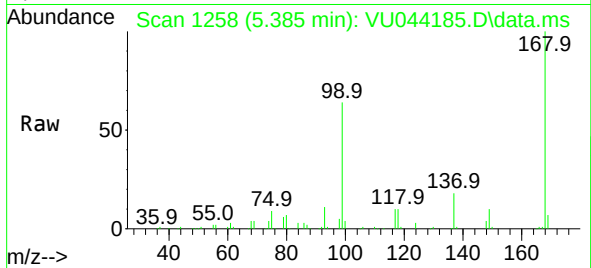




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. 0.003 min
Lab File: VU044185.D
Acq: 14 Jun 2021 16:42

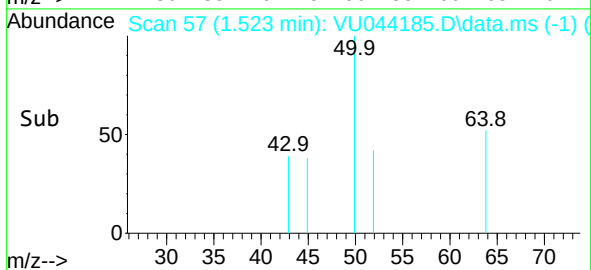
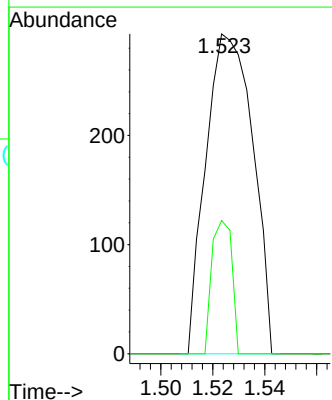
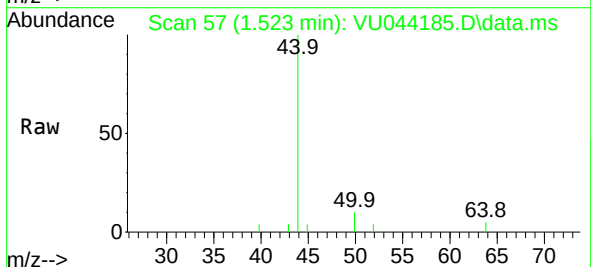
Instrument :
MSVOA_U
ClientSampled :

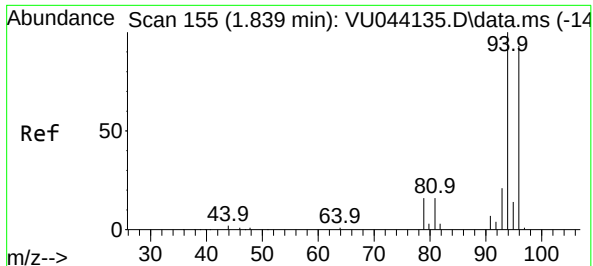
Tgt Ion:168 Resp: 159547
Ion Ratio Lower Upper
168 100
99 64.3 51.3 76.9



#3
Chloromethane
Concen: Below Cal
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU044185.D
Acq: 14 Jun 2021 16:42

Tgt Ion: 50 Resp: 367
Ion Ratio Lower Upper
50 100
52 41.6 26.6 39.8#

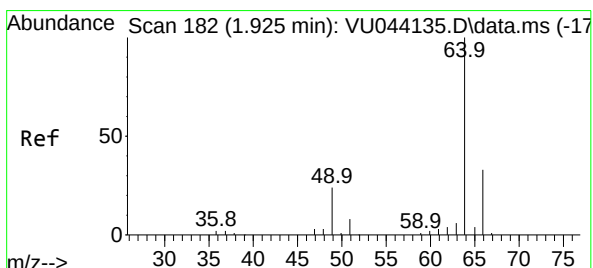
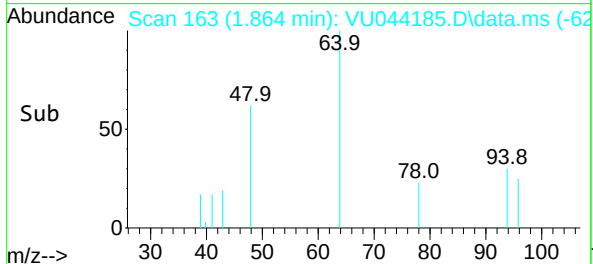
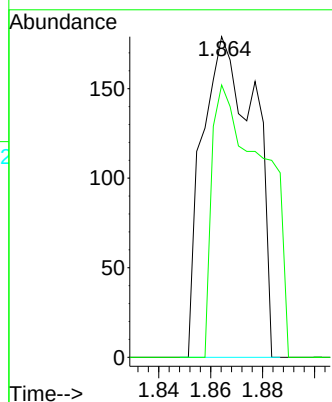
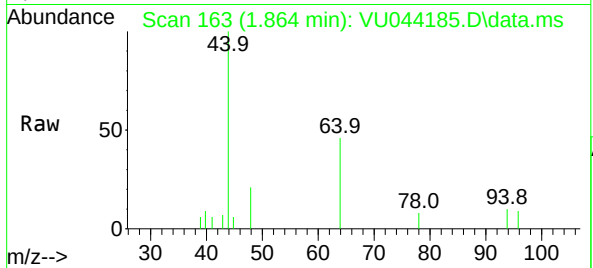




#5
Bromomethane
Concen: 0.226 ug/l
RT: 1.864 min Scan# 163
Delta R.T. 0.025 min
Lab File: VU044185.D
Acq: 14 Jun 2021 16:42

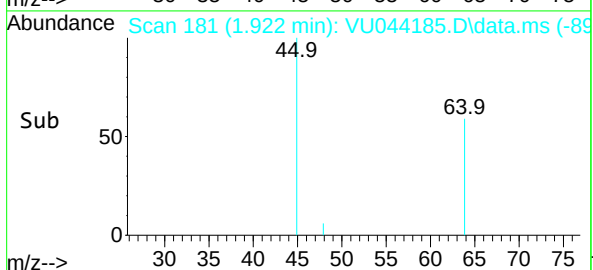
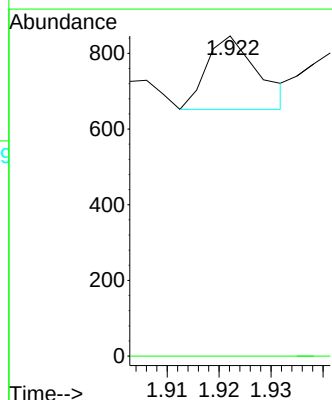
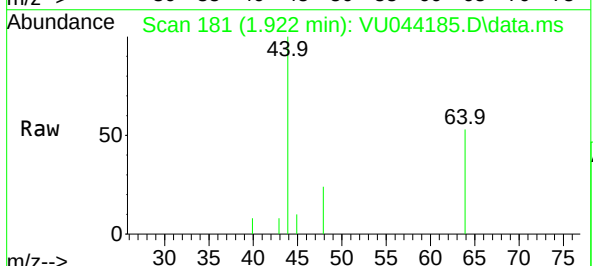
Instrument :
MSVOA_U
ClientSampleId :

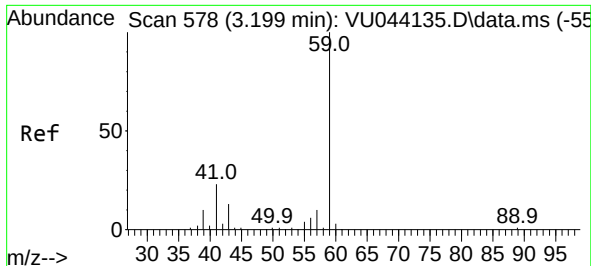
Tgt Ion: 94 Resp: 250
Ion Ratio Lower Upper
94 100
96 84.9 74.1 111.1



#6
Chloroethane
Concen: Below Cal
RT: 1.922 min Scan# 181
Delta R.T. -0.003 min
Lab File: VU044185.D
Acq: 14 Jun 2021 16:42

Tgt Ion: 64 Resp: 133
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#

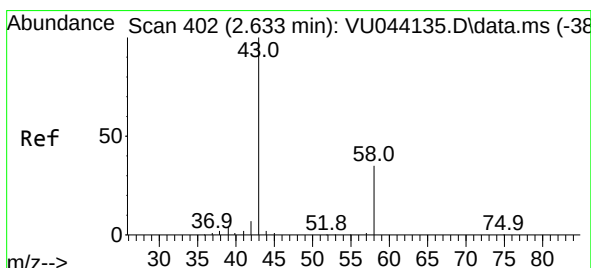
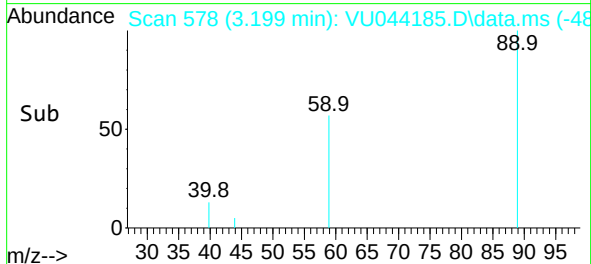
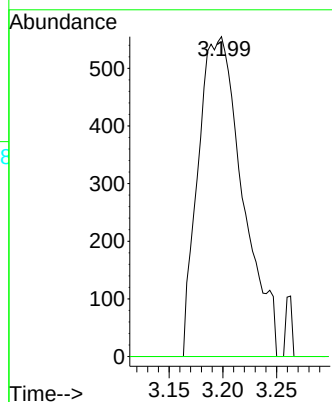
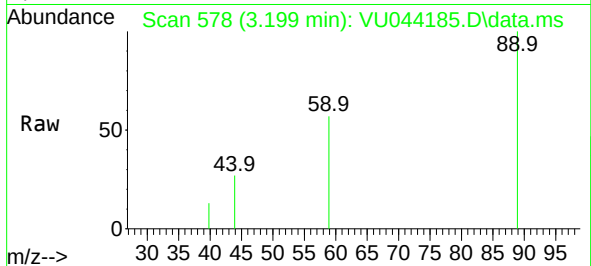




#11
Tert butyl alcohol
Concen: 2.338 ug/l
RT: 3.199 min Scan# 578
Delta R.T. -0.000 min
Lab File: VU044185.D
Acq: 14 Jun 2021 16:42

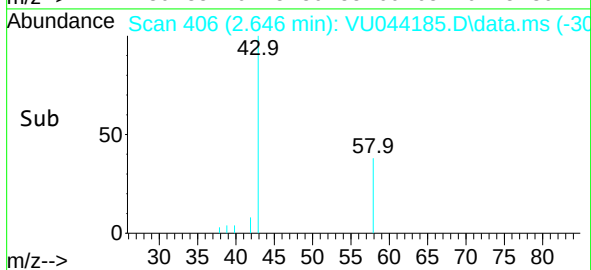
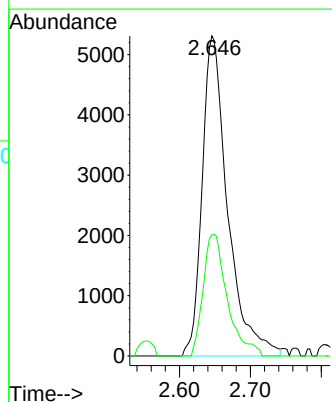
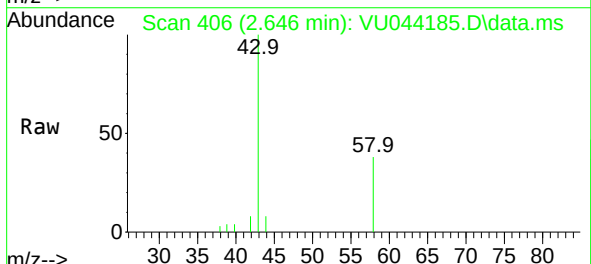
Instrument :
MSVOA_U
ClientSampled :

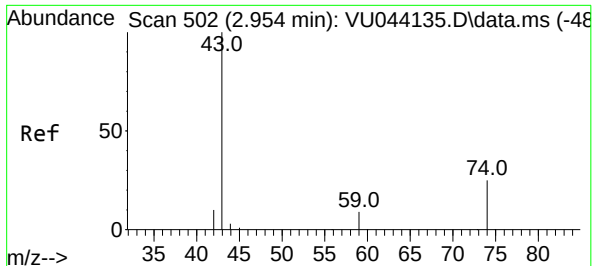
Tgt Ion: 59 Resp: 1596
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#16
Acetone
Concen: 8.047 ug/l
RT: 2.646 min Scan# 406
Delta R.T. 0.013 min
Lab File: VU044185.D
Acq: 14 Jun 2021 16:42

Tgt Ion: 43 Resp: 13257
Ion Ratio Lower Upper
43 100
58 37.9 28.0 42.0

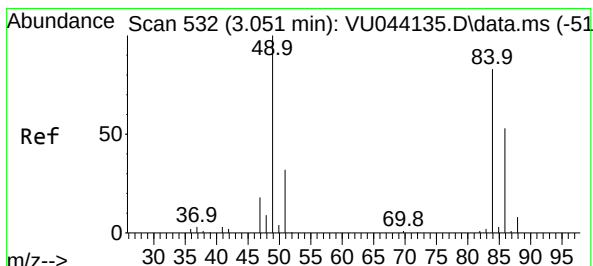
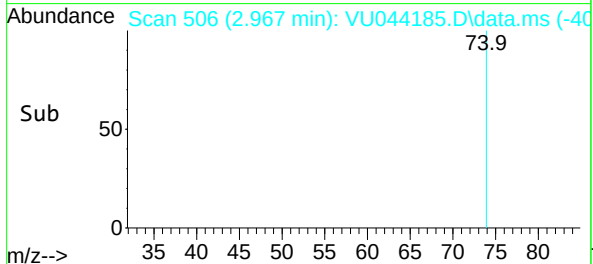
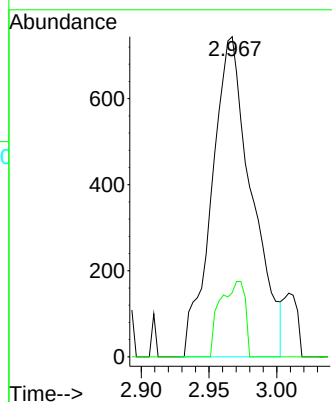
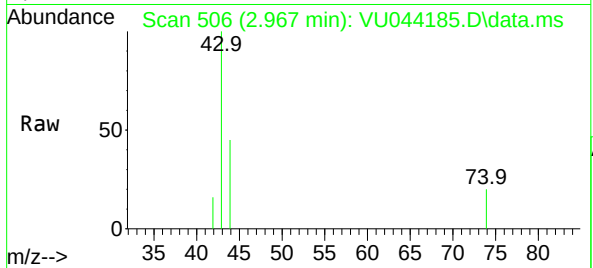




#18
Methyl Acetate
Concen: 0.467 ug/l
RT: 2.967 min Scan# 506
Delta R.T. 0.013 min
Lab File: VU044185.D
Acq: 14 Jun 2021 16:42

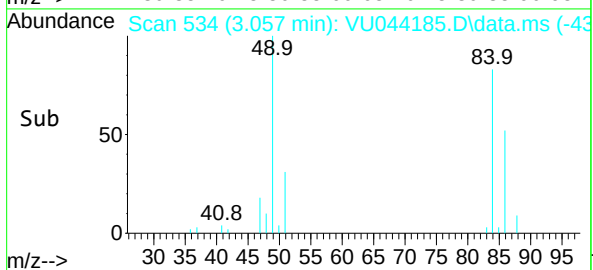
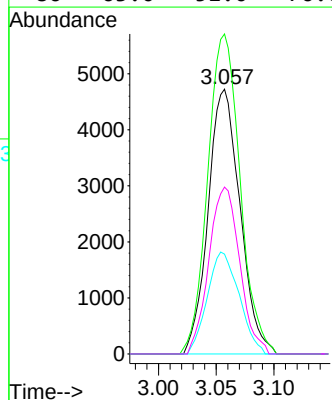
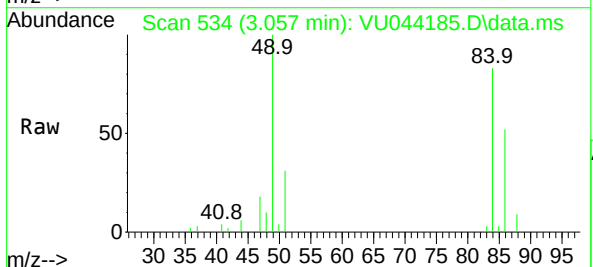
Instrument :
MSVOA_U
ClientSampled :

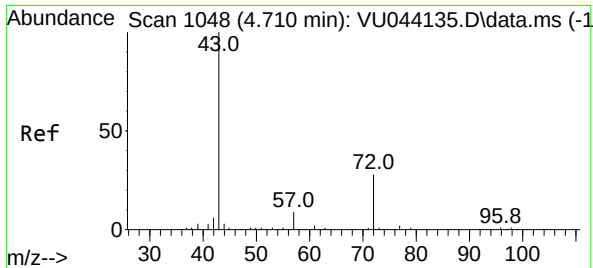
Tgt Ion: 43 Resp: 1524
Ion Ratio Lower Upper
43 100
74 14.6 20.3 30.5#



#20
Methylene Chloride
Concen: 2.847 ug/l
RT: 3.057 min Scan# 534
Delta R.T. 0.006 min
Lab File: VU044185.D
Acq: 14 Jun 2021 16:42

Tgt Ion: 84 Resp: 9094
Ion Ratio Lower Upper
84 100
49 120.8 96.9 145.3
51 37.7 31.0 46.6
86 63.0 51.0 76.6

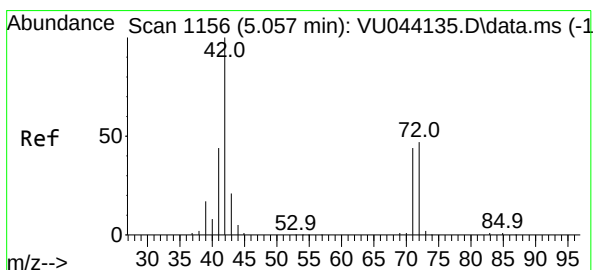
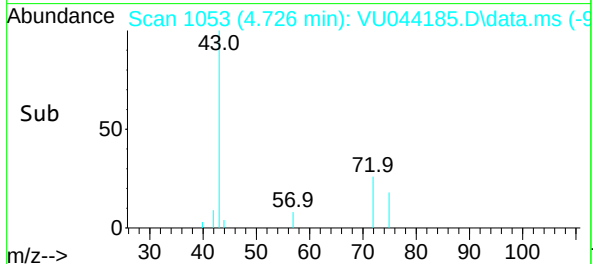
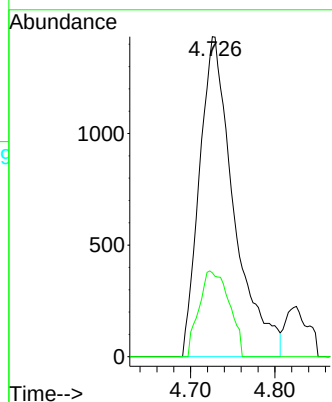
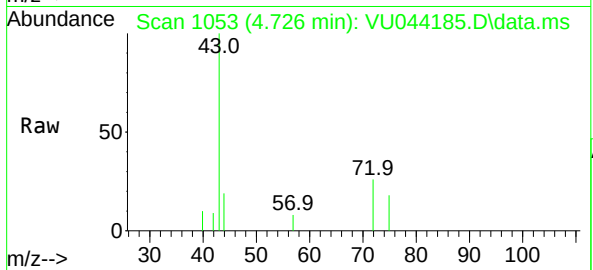




#25
2-Butanone
Concen: 1.921 ug/l
RT: 4.726 min Scan# 1053
Delta R.T. 0.016 min
Lab File: VU044185.D
Acq: 14 Jun 2021 16:42

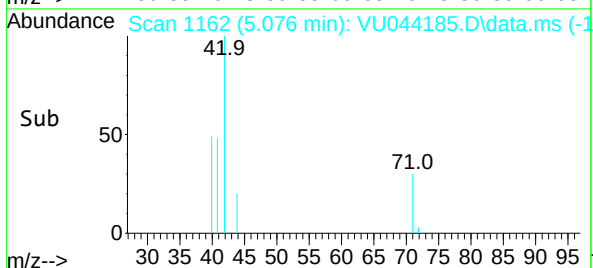
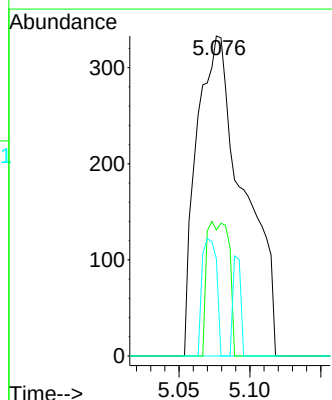
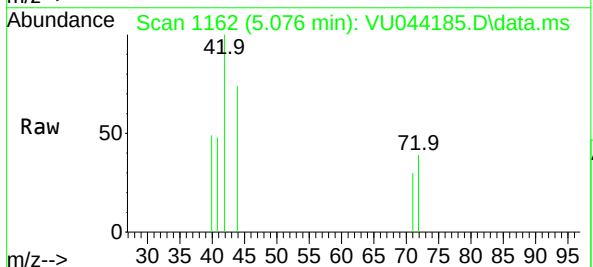
Instrument :
MSVOA_U
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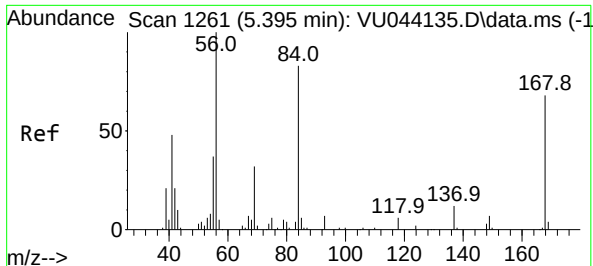
Tgt Ion: 43 Resp: 4068
Ion Ratio Lower Upper
43 100
72 26.2 22.6 33.8



#29
Tetrahydrofuran
Concen: 0.666 ug/l
RT: 5.076 min Scan# 1162
Delta R.T. 0.019 min
Lab File: VU044185.D
Acq: 14 Jun 2021 16:42

Tgt Ion: 42 Resp: 767
Ion Ratio Lower Upper
42 100
72 19.8 38.6 57.8#
71 11.2 35.5 53.3#

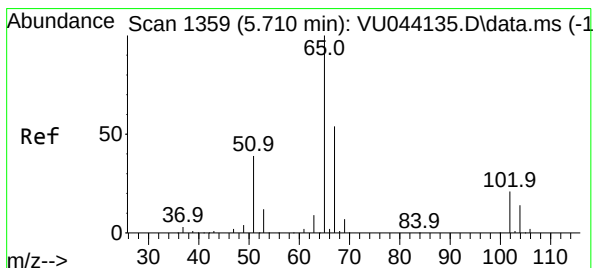
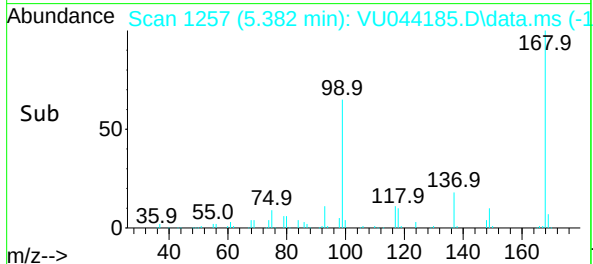
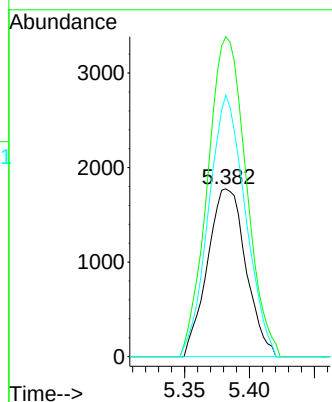
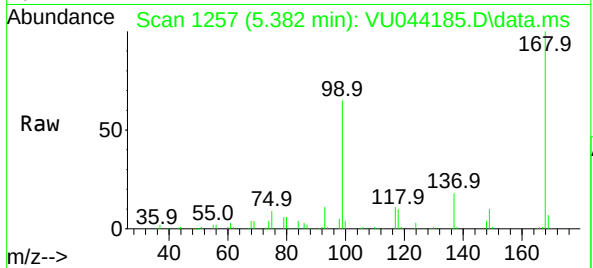




#31
Cyclohexane
Concen: 1.020 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.013 min
Lab File: VU044185.D
Acq: 14 Jun 2021 16:42

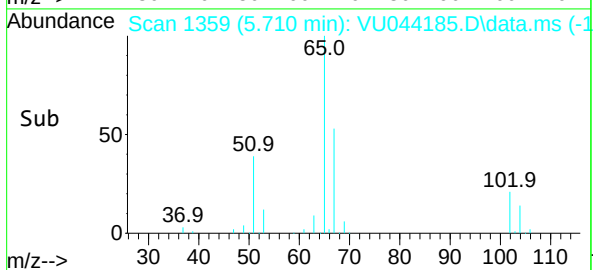
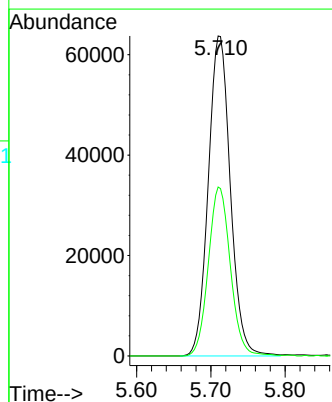
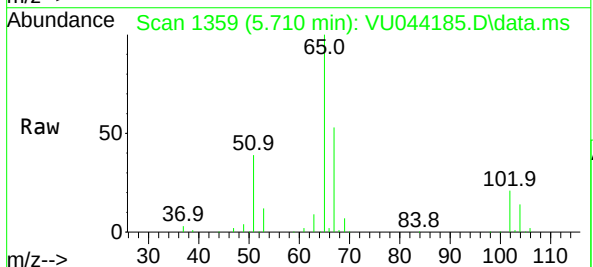
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MSVOA_U
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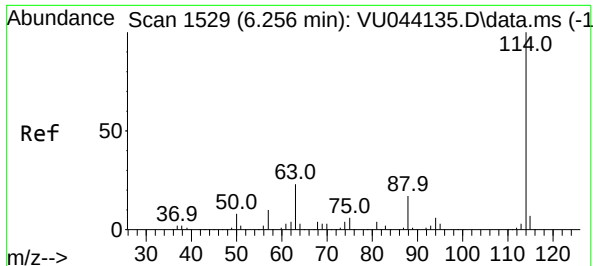
Tgt Ion: 56 Resp: 3654
Ion Ratio Lower Upper
56 100
69 190.6 25.5 38.3#
84 155.6 66.3 99.5#



#33
1,2-Dichloroethane-d4
Concen: 51.844 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU044185.D
Acq: 14 Jun 2021 16:42

Tgt Ion: 65 Resp: 131539
Ion Ratio Lower Upper
65 100
67 52.7 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.256 min Scan# 1529

Delta R.T. 0.000 min

Lab File: VU044185.D

Acq: 14 Jun 2021 16:42

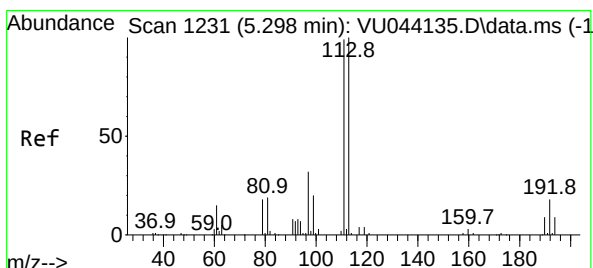
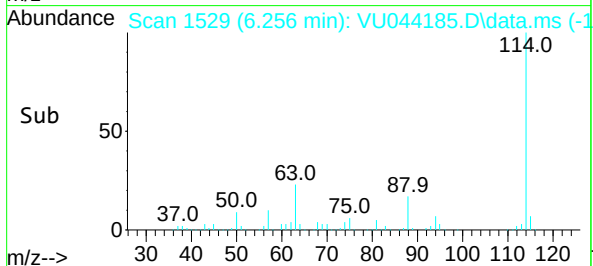
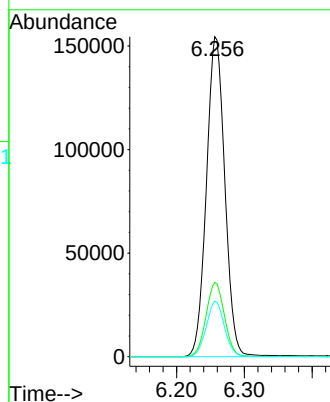
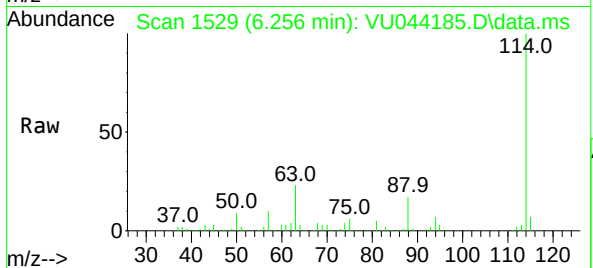
Tgt Ion:114 Resp: 291311

Ion Ratio Lower Upper

114 100

63 23.2 0.0 45.8

88 17.3 0.0 34.0



#35

Dibromofluoromethane

Concen: 48.500 ug/l

RT: 5.298 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VU044185.D

Acq: 14 Jun 2021 16:42

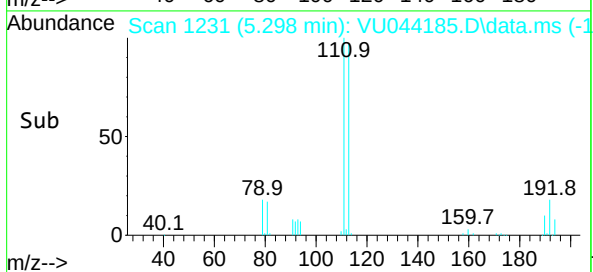
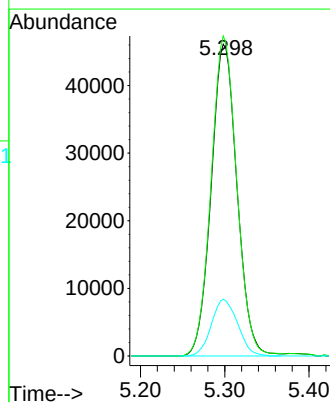
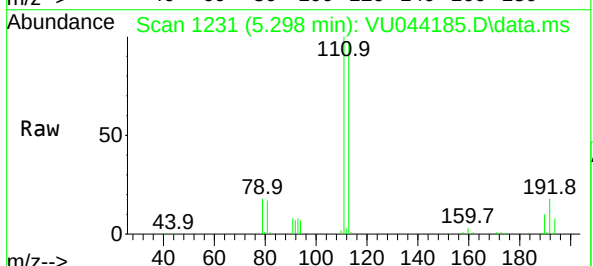
Tgt Ion:113 Resp: 98283

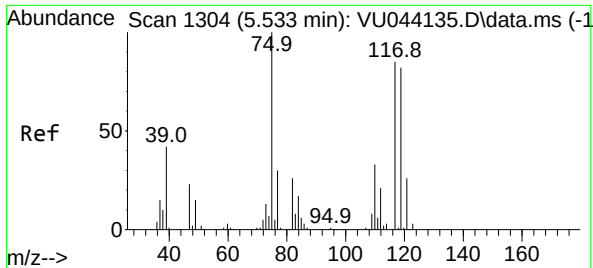
Ion Ratio Lower Upper

113 100

111 101.9 81.0 121.4

192 18.4 14.3 21.5

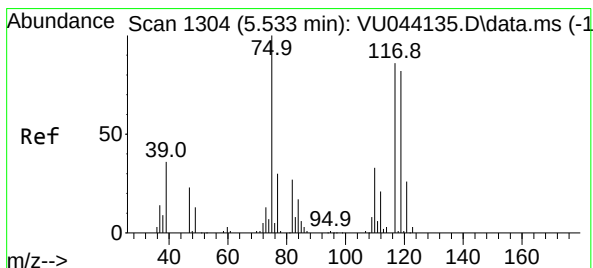
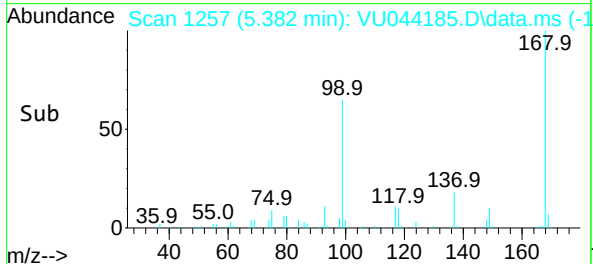
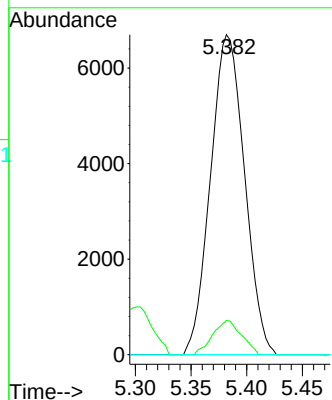
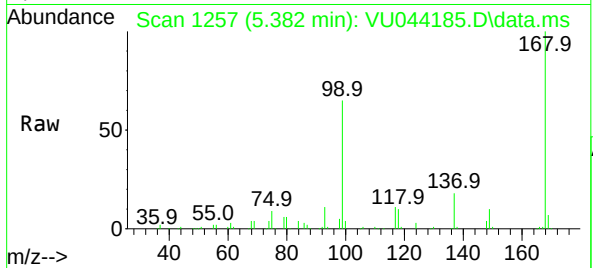




#36
1,1-Dichloropropene
Concen: 4.391 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU044185.D
Acq: 14 Jun 2021 16:42

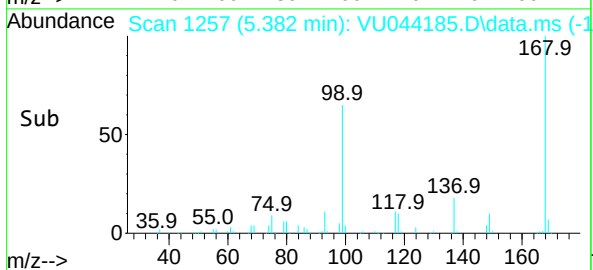
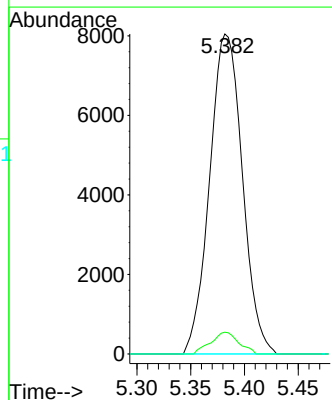
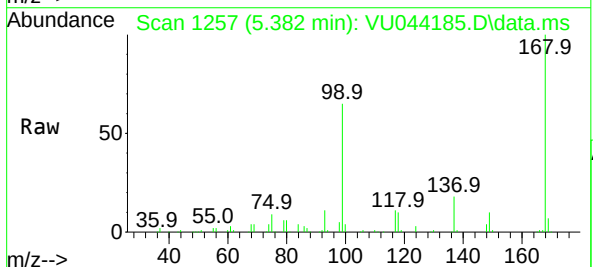
Instrument :
MSVOA_U
ClientSampleId :

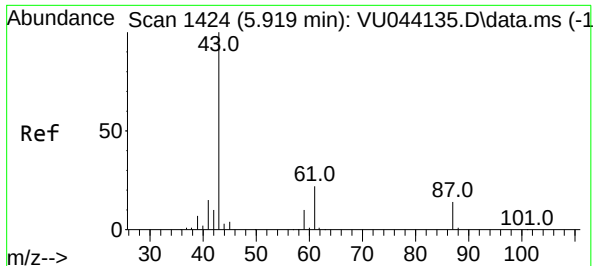
Tgt Ion: 75 Resp: 14231
Ion Ratio Lower Upper
75 100
110 9.1 16.4 49.4#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.822 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU044185.D
Acq: 14 Jun 2021 16:42

Tgt Ion: 117 Resp: 17035
Ion Ratio Lower Upper
117 100
119 6.8 76.6 114.8#
121 0.0 24.6 36.8#



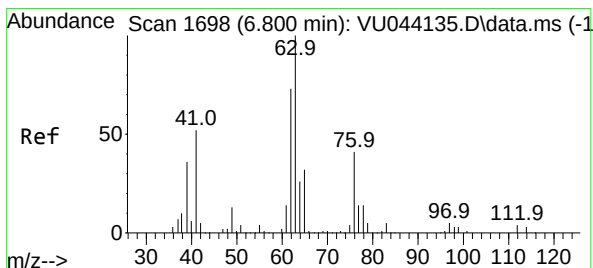
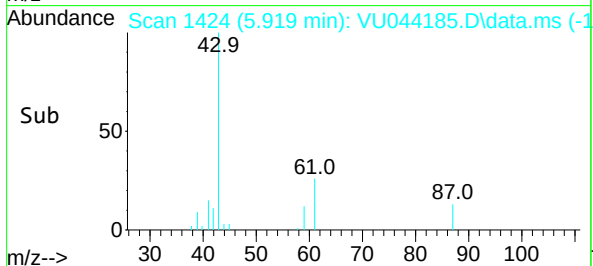
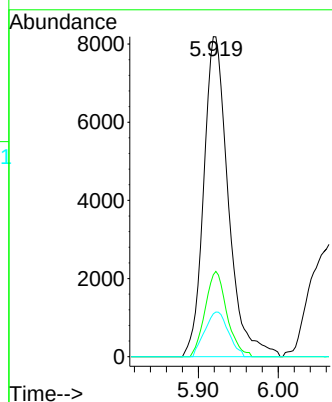
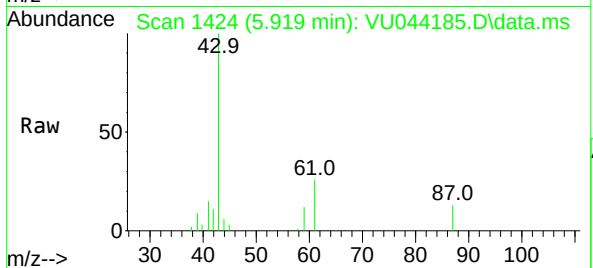


#43

Isopropyl Acetate
 Concen: 3.178 ug/l
 RT: 5.919 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VU044185.D
 Acq: 14 Jun 2021 16:42

Instrument :
 MSVOA_U
 ClientSampleId :

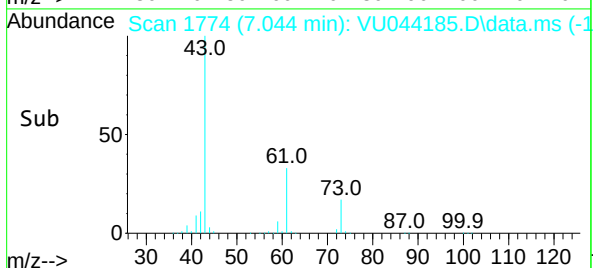
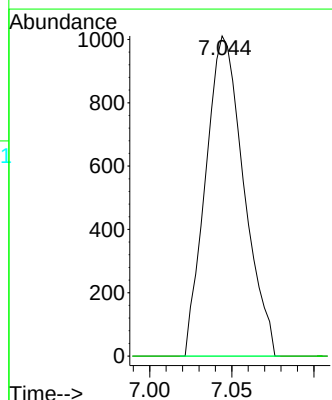
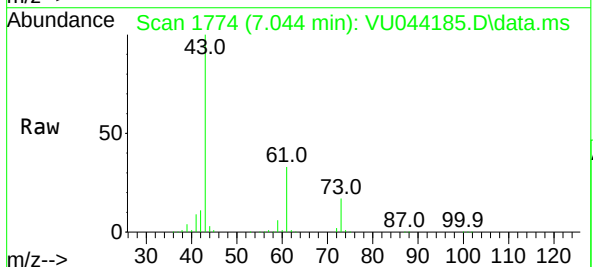
Tgt Ion:	43	Resp:	17499
Ion	Ratio	Lower	Upper
43	100		
61	23.6	17.8	26.8
87	13.4	11.1	16.7

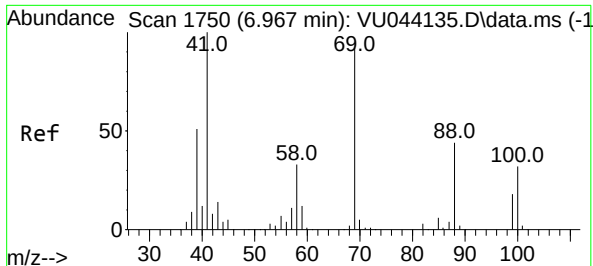


#45

1,2-Dichloropropane
 Concen: 0.626 ug/l
 RT: 7.044 min Scan# 1774
 Delta R.T. 0.244 min
 Lab File: VU044185.D
 Acq: 14 Jun 2021 16:42

Tgt Ion:	63	Resp:	1632
Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.7	38.5#





#48

Methyl methacrylate

Concen: 2.469 ug/l

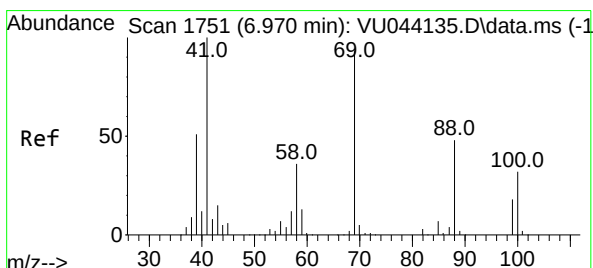
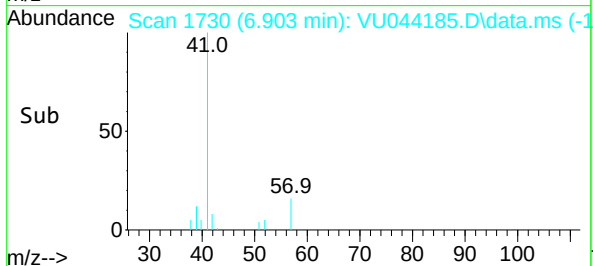
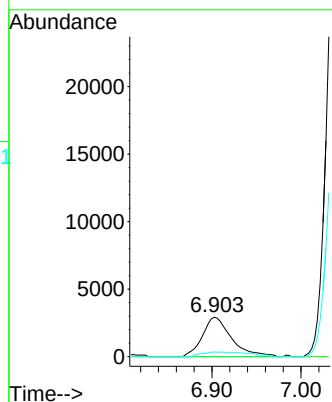
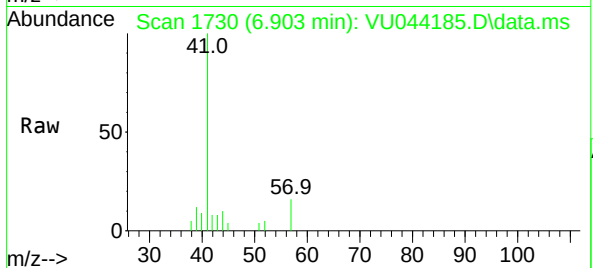
RT: 6.903 min Scan# 1730

Delta R.T. -0.064 min

Lab File: VU044185.D

Acq: 14 Jun 2021 16:42

Tgt Ion:	41	Resp:	6617
Ion Ratio	Lower	Upper	
41	100		
69	0.0	74.0	111.0#
39	0.0	41.5	62.3#



#49

1,4-Dioxane

Concen: 1.498 ug/l

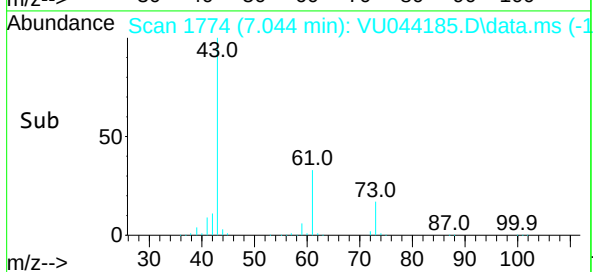
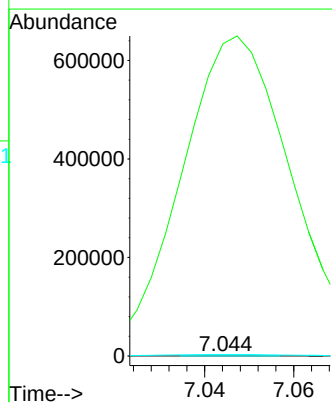
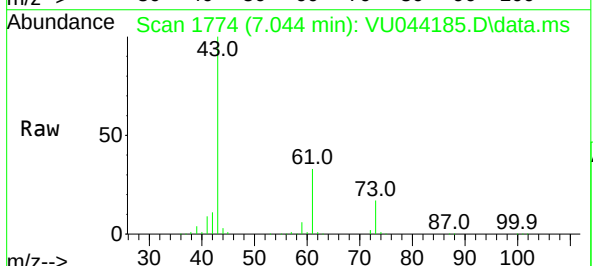
RT: 7.044 min Scan# 1774

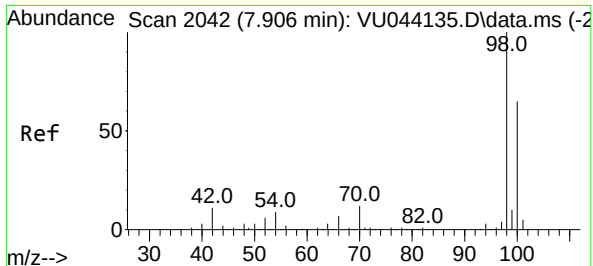
Delta R.T. 0.074 min

Lab File: VU044185.D

Acq: 14 Jun 2021 16:42

Tgt Ion:	88	Resp:	105
Ion Ratio	Lower	Upper	
88	100		
43	1120649.5	23.4	35.0#
58	5919.0	58.1	87.1#





#50

Toluene-d8

Concen: 49.699 ug/l

RT: 7.906 min Scan# 2042

Delta R.T. -0.000 min

Lab File: VU044185.D

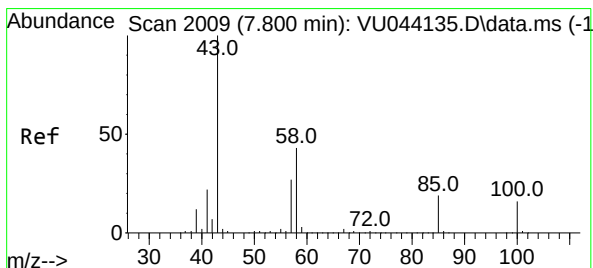
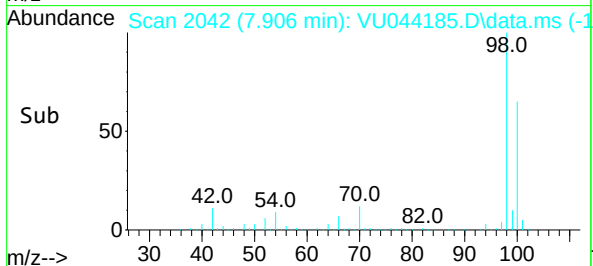
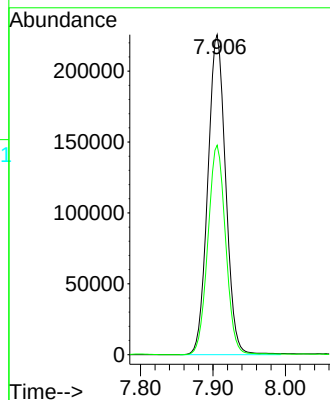
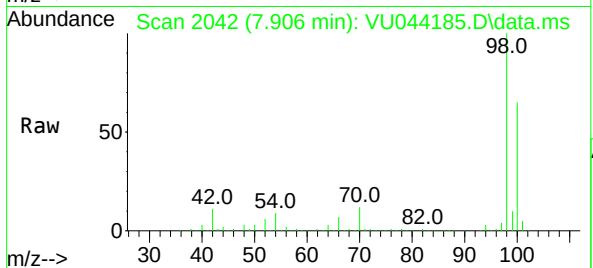
Acq: 14 Jun 2021 16:42

Tgt Ion: 98 Resp: 386778

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.4



#51

4-Methyl-2-Pentanone

Concen: 1.230 ug/l

RT: 7.800 min Scan# 2009

Delta R.T. -0.000 min

Lab File: VU044185.D

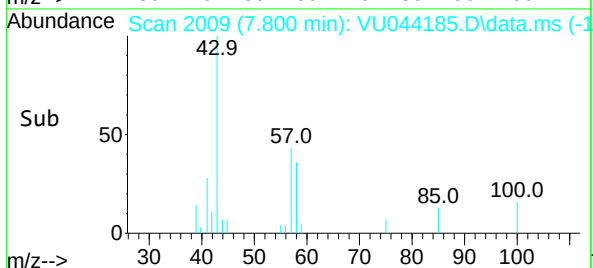
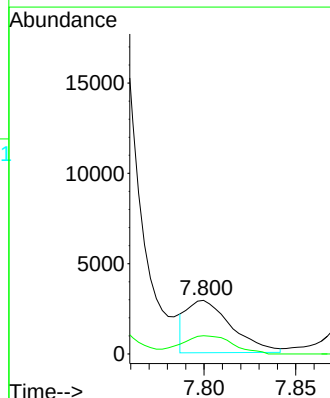
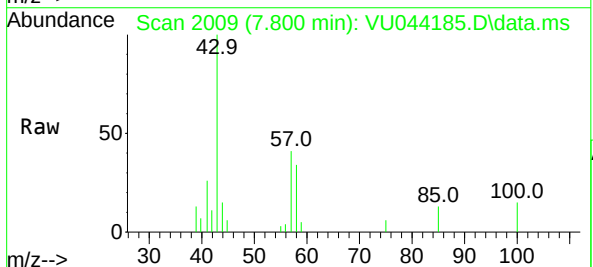
Acq: 14 Jun 2021 16:42

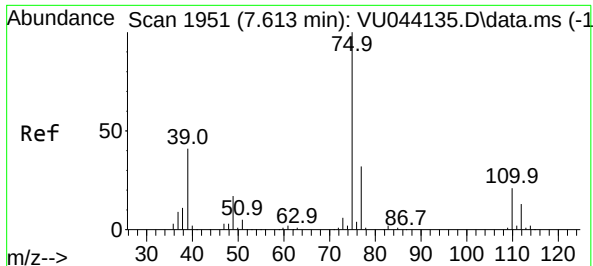
Tgt Ion: 43 Resp: 4901

Ion Ratio Lower Upper

43 100

58 39.6 34.5 51.7

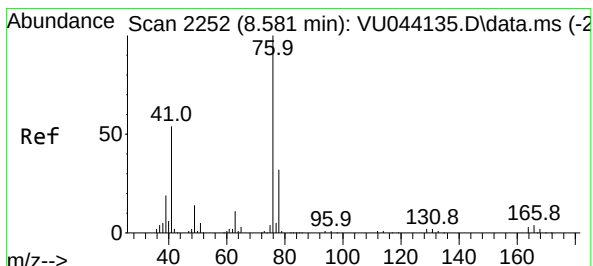
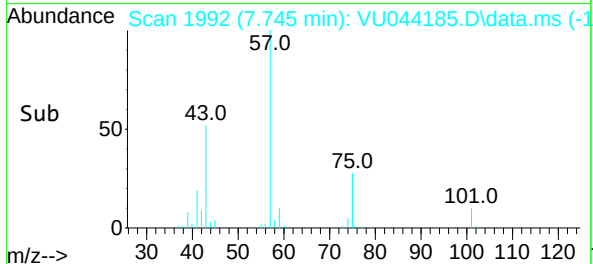
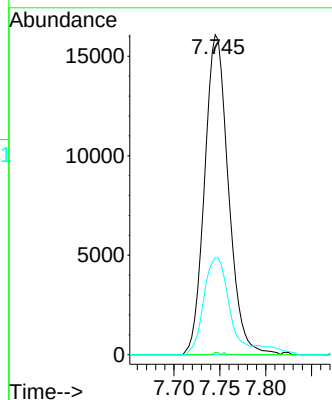
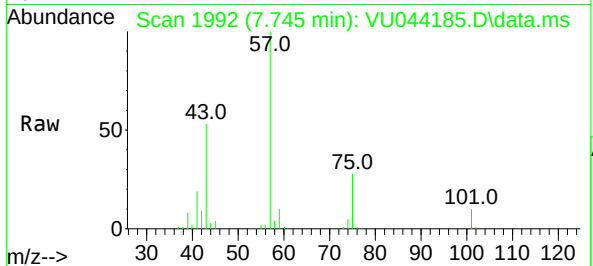




#54
 cis-1,3-Dichloropropene
 Concen: 7.455 ug/l
 RT: 7.745 min Scan# 1992
 Delta R.T. 0.132 min
 Lab File: VU044185.D
 Acq: 14 Jun 2021 16:42

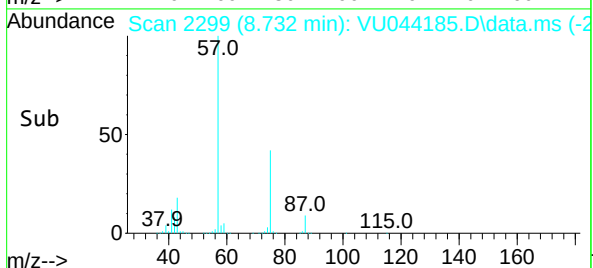
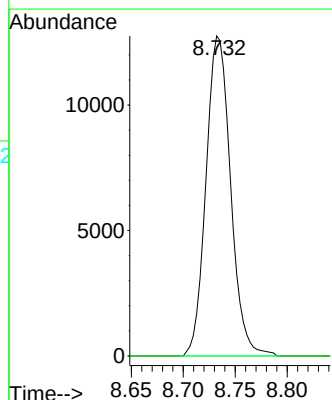
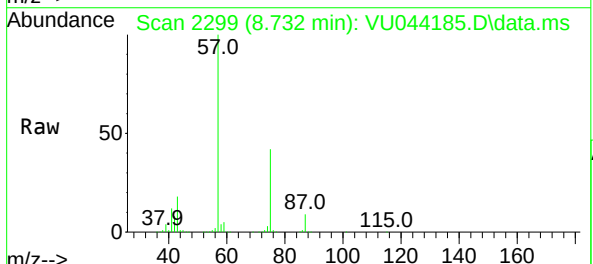
Instrument :
 MSVOA_U
 ClientSampled :

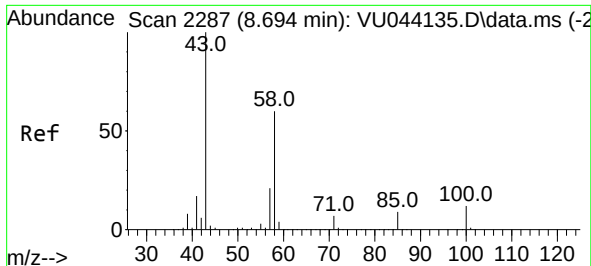
Tgt Ion: 75 Resp: 29120
 Ion Ratio Lower Upper
 75 100
 77 0.7 25.9 38.9#
 39 30.2 33.2 49.8#



#57
 1,3-Dichloropropane
 Concen: 4.950 ug/l
 RT: 8.732 min Scan# 2299
 Delta R.T. 0.151 min
 Lab File: VU044185.D
 Acq: 14 Jun 2021 16:42

Tgt Ion: 76 Resp: 20997
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.9 38.9#

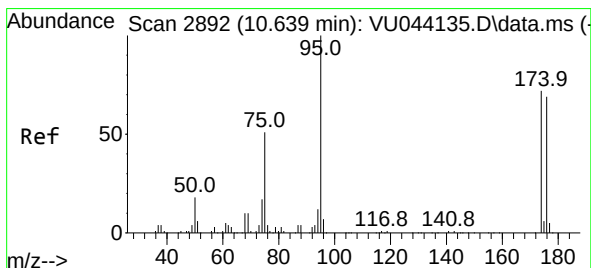
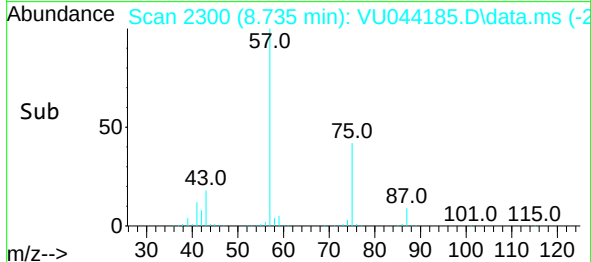
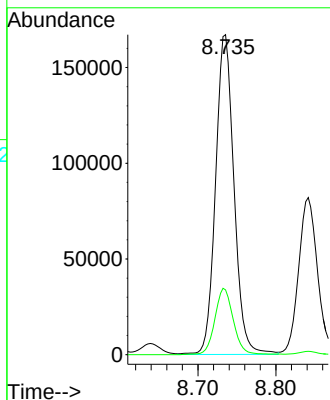
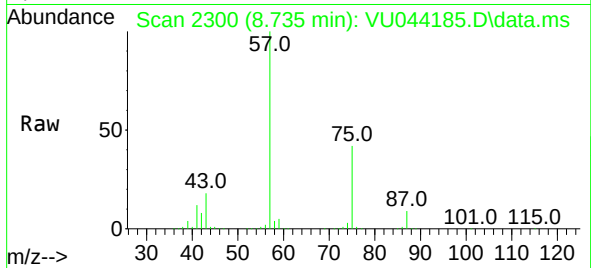




#59
2-Hexanone
Concen: 86.356 ug/l
RT: 8.735 min Scan# 2300
Delta R.T. 0.041 min
Lab File: VU044185.D
Acq: 14 Jun 2021 16:42

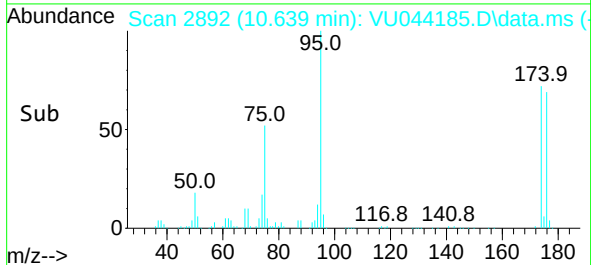
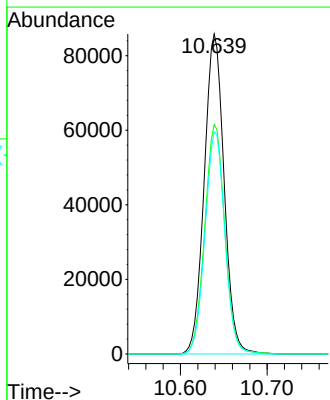
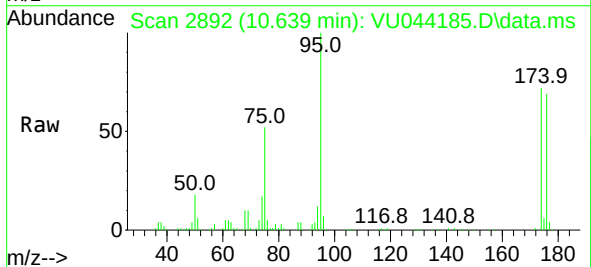
Instrument :
MSVOA_U
ClientSampled :

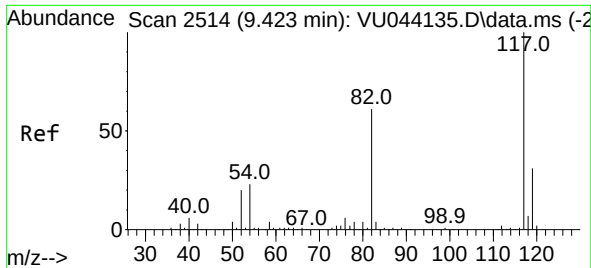
Tgt Ion: 43 Resp: 274669
Ion Ratio Lower Upper
43 100
58 20.8 30.0 90.1#



#62
4-Bromofluorobenzene
Concen: 43.854 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU044185.D
Acq: 14 Jun 2021 16:42

Tgt Ion: 95 Resp: 136773
Ion Ratio Lower Upper
95 100
174 72.5 0.0 144.4
176 69.3 0.0 138.0

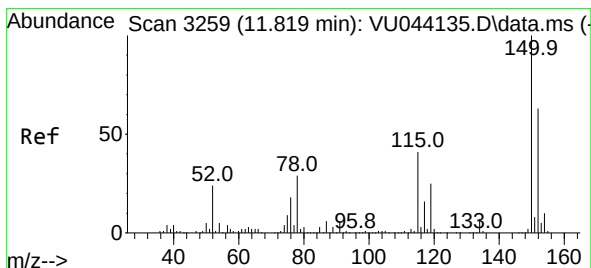
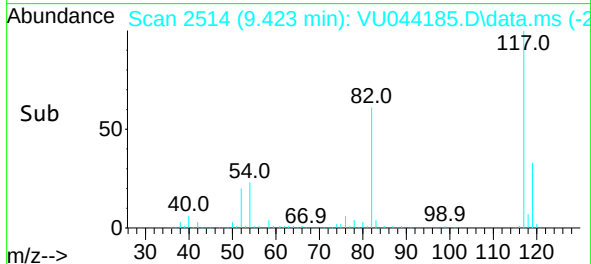
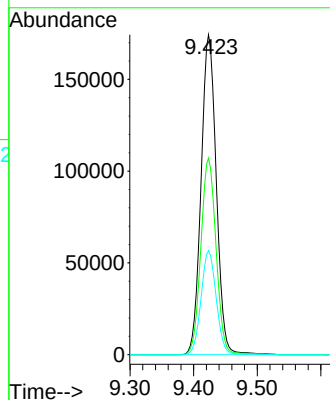
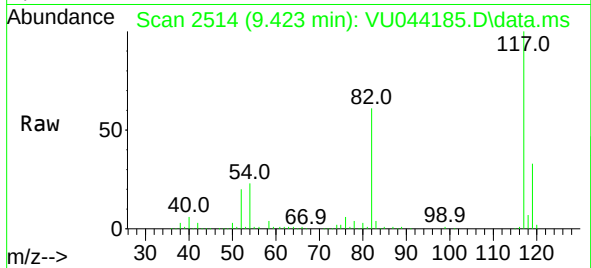




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.000 min
Lab File: VU044185.D
Acq: 14 Jun 2021 16:42

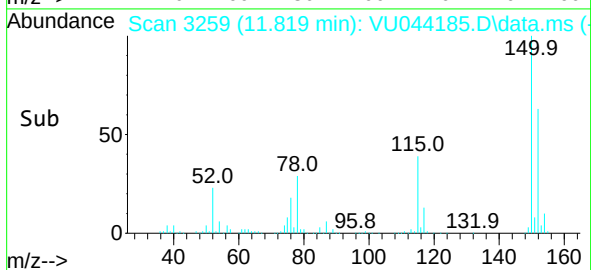
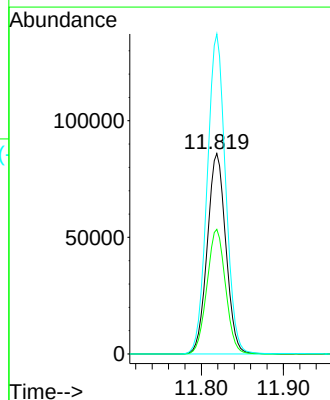
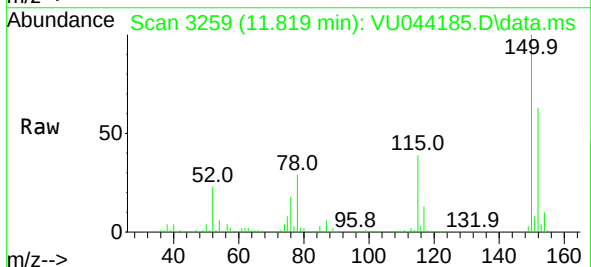
Instrument :
MSVOA_U
ClientSampleId :

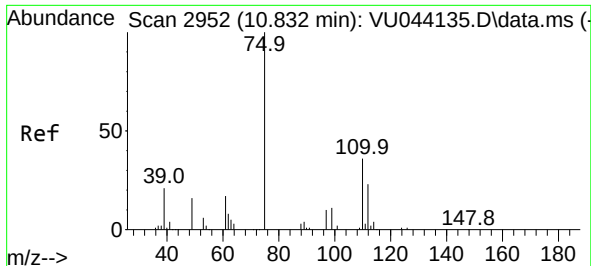
Tgt Ion:117 Resp: 290031
Ion Ratio Lower Upper
117 100
82 61.4 48.8 73.2
119 32.6 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. 0.000 min
Lab File: VU044185.D
Acq: 14 Jun 2021 16:42

Tgt Ion:152 Resp: 135344
Ion Ratio Lower Upper
152 100
115 62.3 43.8 131.3
150 158.1 0.0 350.6

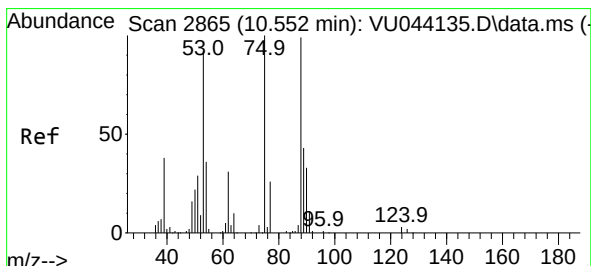
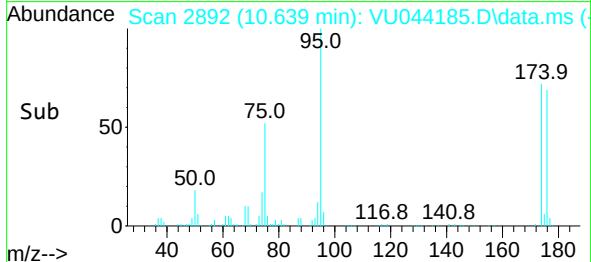
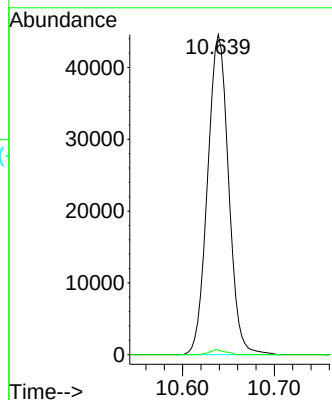
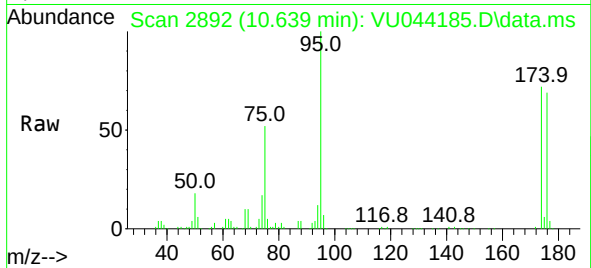




#76
1,2,3-Trichloropropane
Concen: 15.670 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU044185.D
Acq: 14 Jun 2021 16:42

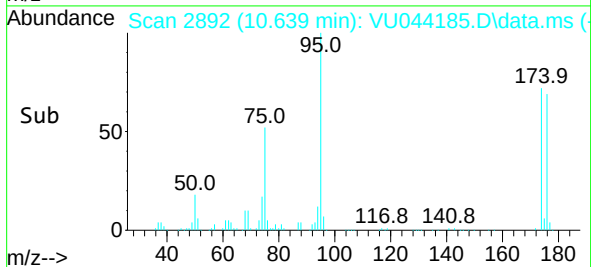
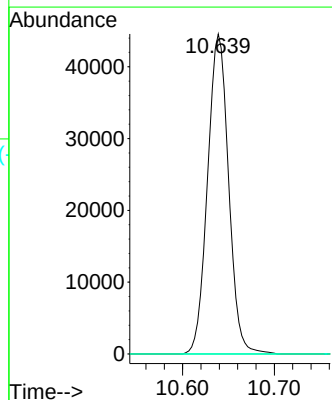
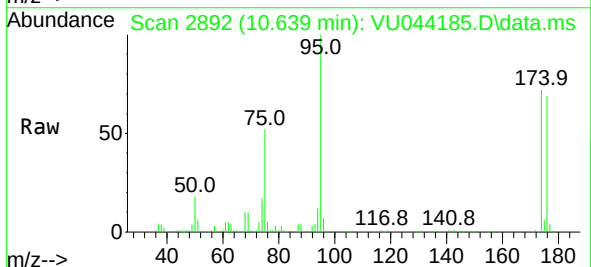
Instrument :
MSVOA_U
ClientSampled :

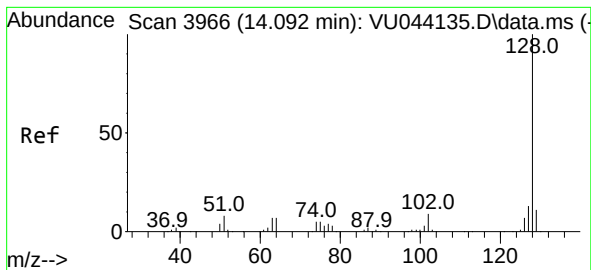
Tgt Ion: 75 Resp: 71110
Ion Ratio Lower Upper
75 100
77 1.2 14.9 44.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.806 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.087 min
Lab File: VU044185.D
Acq: 14 Jun 2021 16:42

Tgt Ion: 75 Resp: 71110
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.2#
89 0.0 35.0 52.6#





#95
Naphthalene
Concen: 2.866 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU044185.D
Acq: 14 Jun 2021 16:42

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 308
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

