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 Data File : VU043200.D
 Acq On : 19 Apr 2021 17:35
 Operator : SY/MD
 Sample : PB135814ZHE#03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

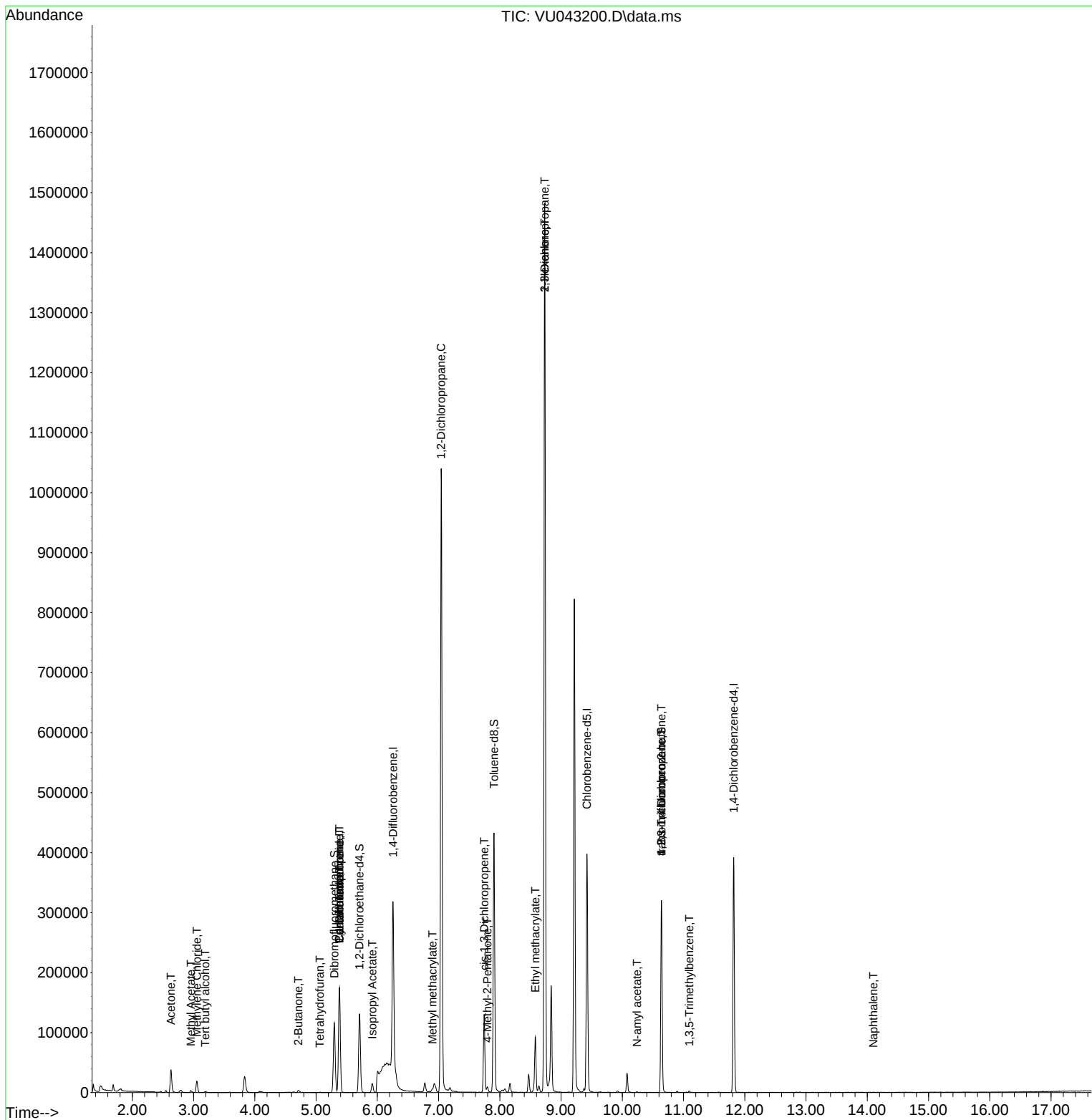
Instrument :
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 ClientSampleId :

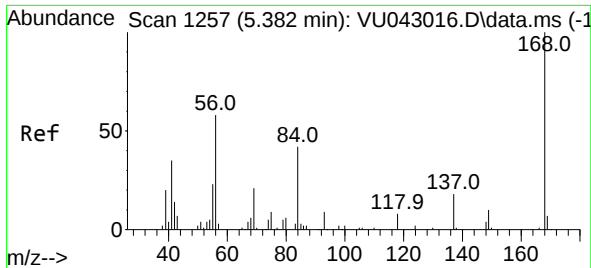
Quant Time: Apr 20 02:57:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 12 13:17:29 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.382	168	118139	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	203603	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	200666	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	93810	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	100627	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
35) Dibromofluoromethane	5.298	113	70239	45.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.82%	
50) Toluene-d8	7.906	98	260954	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
62) 4-Bromofluorobenzene	10.639	95	93415	43.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.18%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	255	Below Cal	#	41
11) Tert butyl alcohol	3.192	59	1776	3.47	ug/l #	94
16) Acetone	2.629	43	46356	39.41	ug/l	98
18) Methyl Acetate	2.954	43	4708	1.90	ug/l #	68
20) Methylene Chloride	3.054	84	8082	5.73	ug/l	97
25) 2-Butanone	4.710	43	6395	3.54	ug/l	96
29) Tetrahydrofuran	5.063	42	253	0.22	ug/l #	43
31) Cyclohexane	5.382	56	3013	1.23	ug/l #	19
36) 1,1-Dichloropropene	5.382	75	9727	4.50	ug/l #	52
38) Carbon Tetrachloride	5.382	117	12082	5.22	ug/l #	17
43) Isopropyl Acetate	5.919	43	16543	3.14	ug/l	98
45) 1,2-Dichloropropane	7.041	63	1081	0.63	ug/l #	43
48) Methyl methacrylate	6.899	41	6850	2.59	ug/l #	17
51) 4-Methyl-2-Pentanone	7.796	43	6323	1.62	ug/l	95
54) cis-1,3-Dichloropropene	7.745	75	18823	6.95	ug/l #	72
56) Ethyl methacrylate	8.581	69	730	0.27	ug/l #	1
57) 1,3-Dichloropropane	8.732	76	13653	4.81	ug/l #	43
59) 2-Hexanone	8.732	43	234987	73.23	ug/l #	54
74) N-amyl acetate	10.240	43	1087	0.27	ug/l #	48
76) 1,2,3-Trichloropropane	10.639	75	53779	19.62	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.095	105	1742	0.31	ug/l	87
81) trans-1,4-Dichloro-2-b...	10.639	75	53779	57.65	ug/l #	7
95) Naphthalene	14.098	128	176	2.77	ug/l #	69

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

Quant Time: Apr 20 02:57:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
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QLast Update : Mon Apr 12 13:17:29 2021
Response via : Initial Calibration

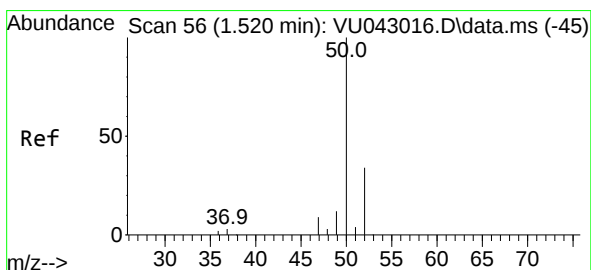
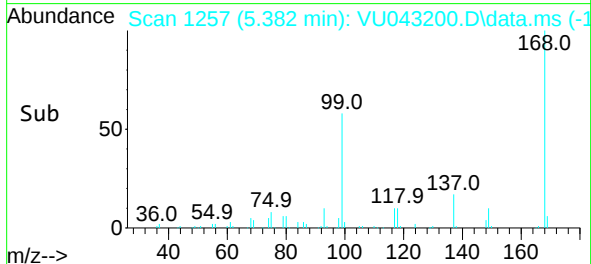
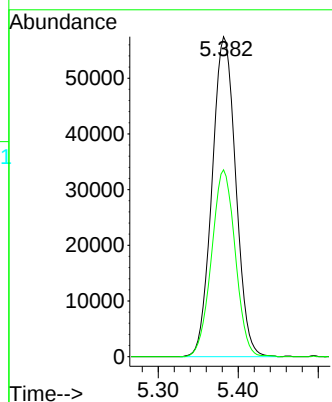
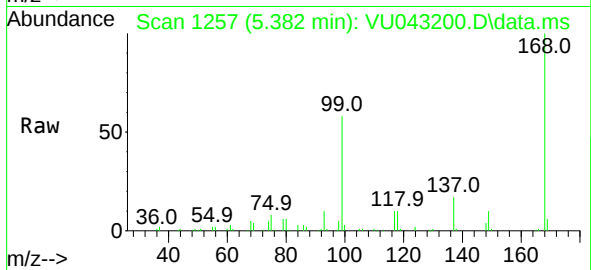




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043200.D
Acq: 19 Apr 2021 17:35

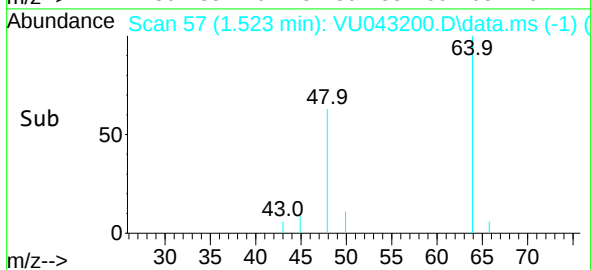
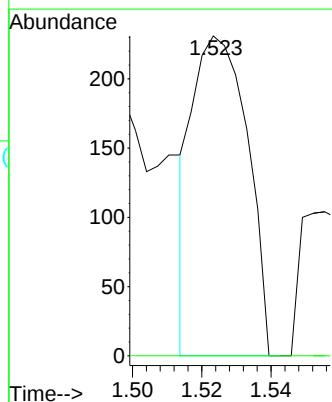
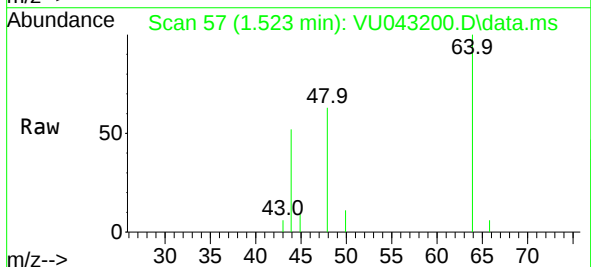
Instrument :
MSVOA_U
ClientSampled :

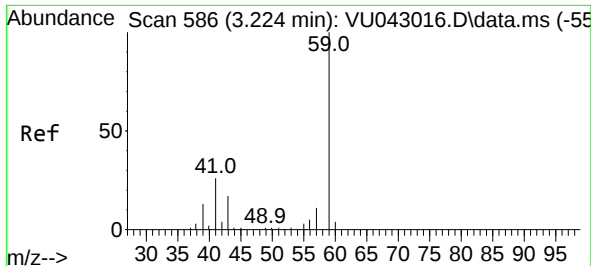
Tgt Ion:168 Resp: 118139
Ion Ratio Lower Upper
168 100
99 58.4 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043200.D
Acq: 19 Apr 2021 17:35

Tgt Ion: 50 Resp: 255
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#

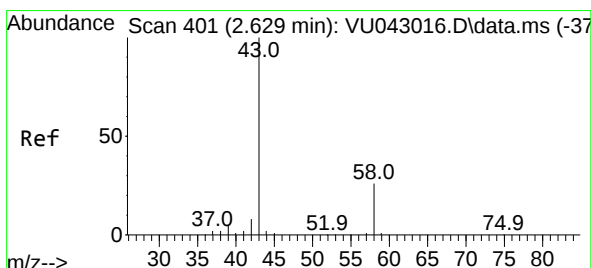
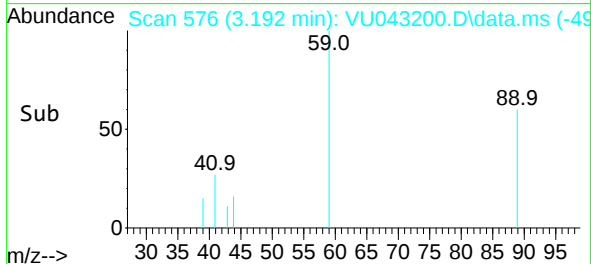
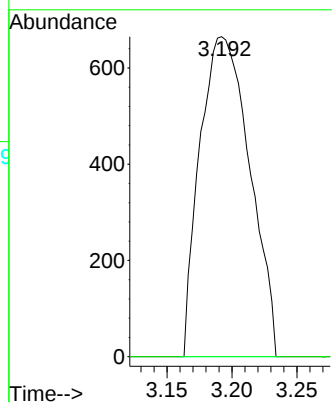
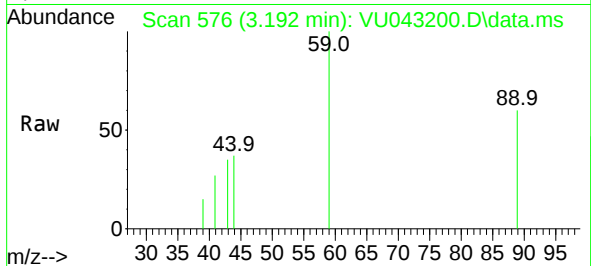




#11
Tert butyl alcohol
Concen: 3.47 ug/l
RT: 3.192 min Scan# 576
Delta R.T. -0.032 min
Lab File: VU043200.D
Acq: 19 Apr 2021 17:35

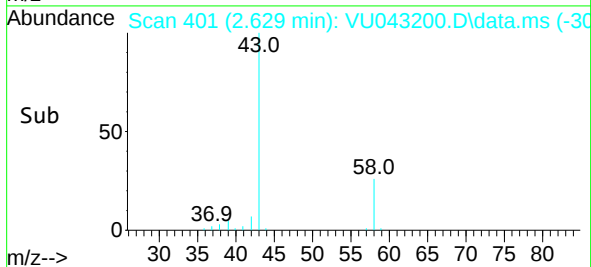
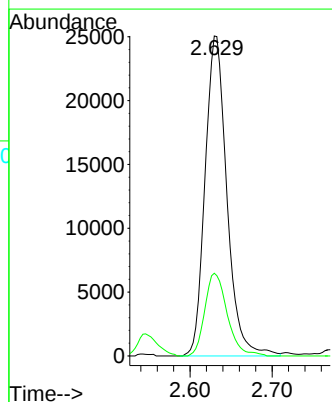
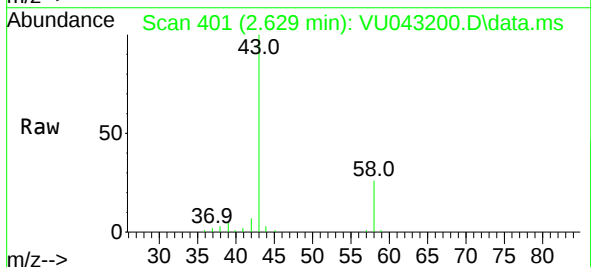
Instrument :
MSVOA_U
ClientSampleId :

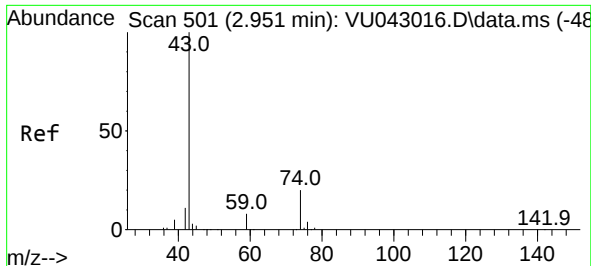
Tgt Ion: 59 Resp: 1776
Ion Ratio Lower Upper
59 100
57 0.0 1.6 2.4#



#16
Acetone
Concen: 39.41 ug/l
RT: 2.629 min Scan# 401
Delta R.T. 0.000 min
Lab File: VU043200.D
Acq: 19 Apr 2021 17:35

Tgt Ion: 43 Resp: 46356
Ion Ratio Lower Upper
43 100
58 25.9 21.5 32.3

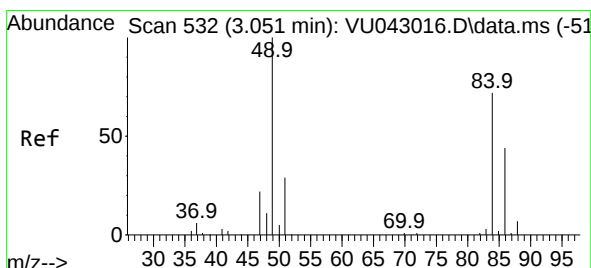
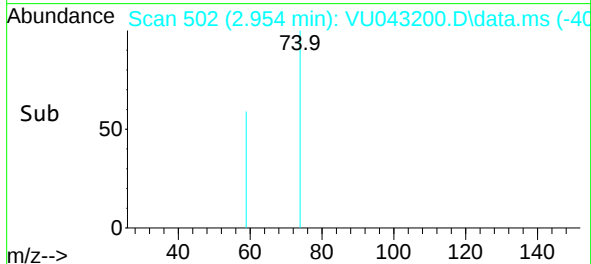
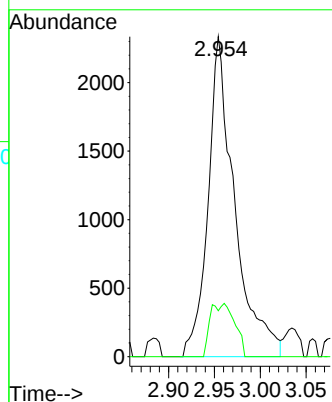
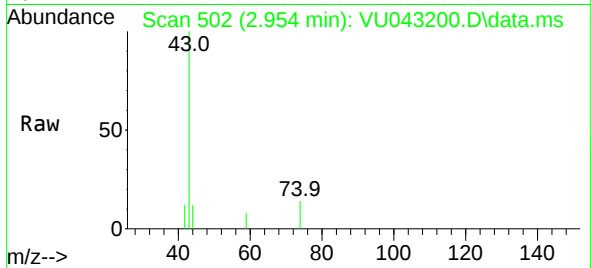




#18
Methyl Acetate
Concen: 1.90 ug/l
RT: 2.954 min Scan# 502
Delta R.T. 0.003 min
Lab File: VU043200.D
Acq: 19 Apr 2021 17:35

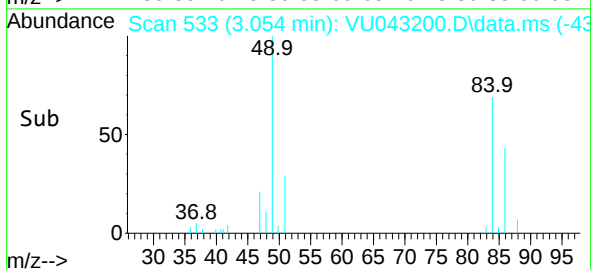
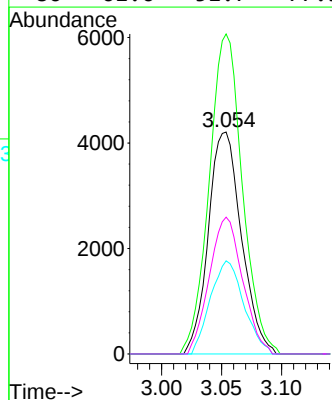
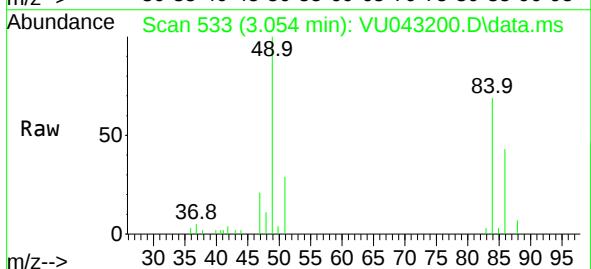
Instrument :
MSVOA_U
ClientSampled :

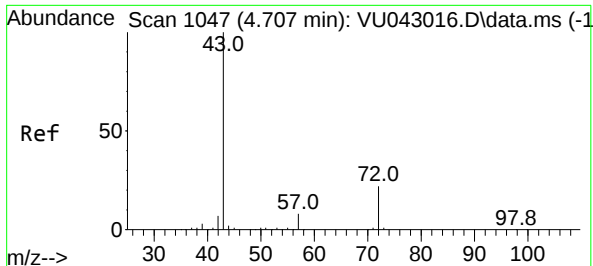
Tgt Ion: 43 Resp: 4708
Ion Ratio Lower Upper
43 100
74 6.0 16.6 25.0#



#20
Methylene Chloride
Concen: 5.73 ug/l
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU043200.D
Acq: 19 Apr 2021 17:35

Tgt Ion: 84 Resp: 8082
Ion Ratio Lower Upper
84 100
49 144.2 112.6 169.0
51 41.9 33.7 50.5
86 61.6 51.7 77.5

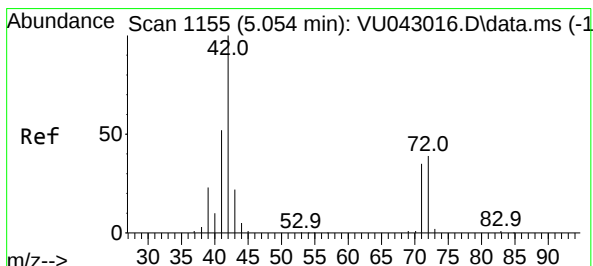
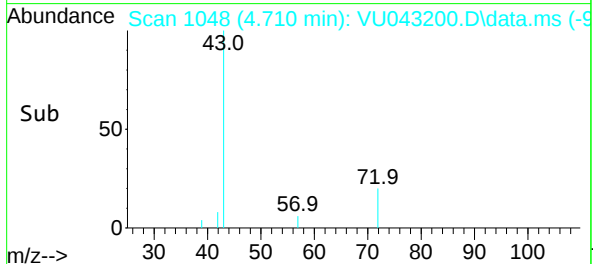
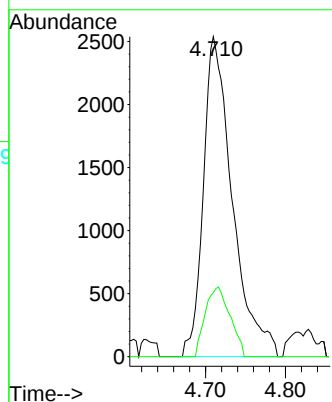
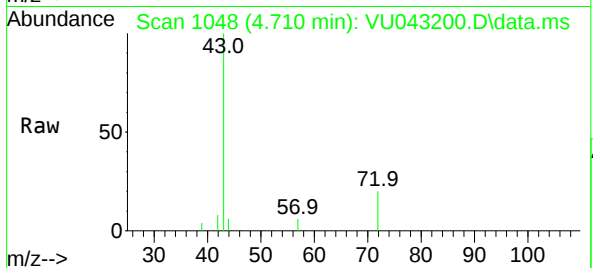




#25
2-Butanone
Concen: 3.54 ug/l
RT: 4.710 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU043200.D
Acq: 19 Apr 2021 17:35

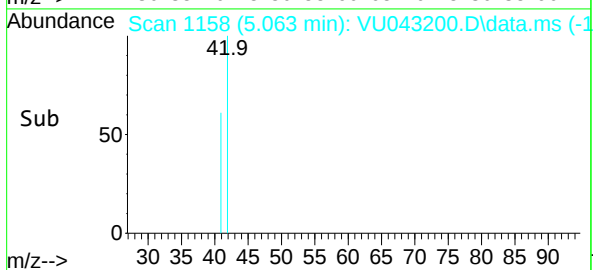
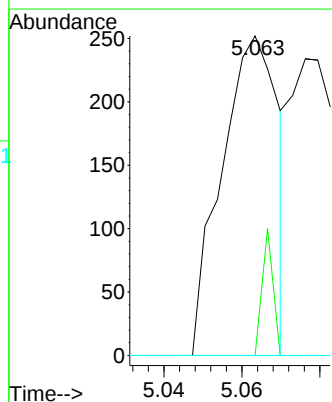
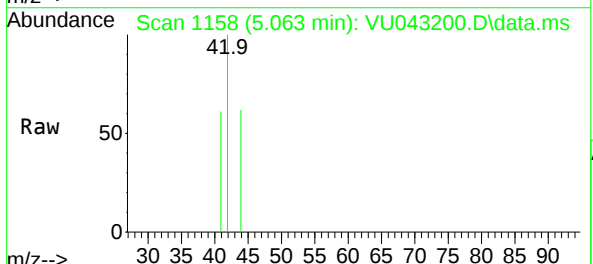
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ClientSampled :

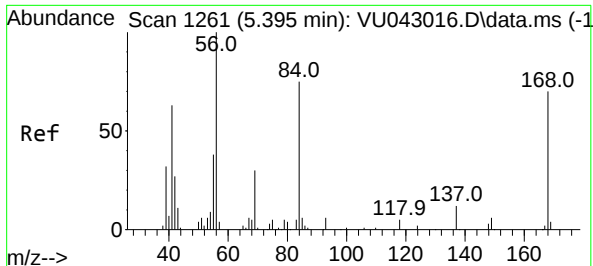
Tgt Ion: 43 Resp: 6395
Ion Ratio Lower Upper
43 100
72 20.0 17.4 26.0



#29
Tetrahydrofuran
Concen: 0.22 ug/l
RT: 5.063 min Scan# 1158
Delta R.T. 0.009 min
Lab File: VU043200.D
Acq: 19 Apr 2021 17:35

Tgt Ion: 42 Resp: 253
Ion Ratio Lower Upper
42 100
72 7.5 31.5 47.3#
71 0.0 29.5 44.3#





#31

Cyclohexane

Concen: 1.23 ug/l

RT: 5.382 min Scan# 1257

Delta R.T. -0.013 min

Lab File: VU043200.D

Acq: 19 Apr 2021 17:35

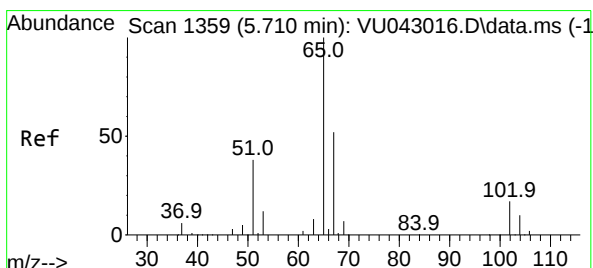
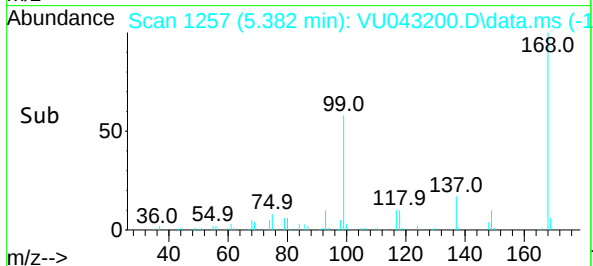
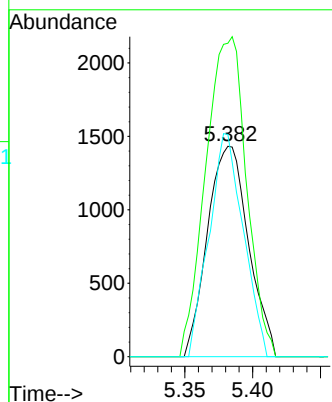
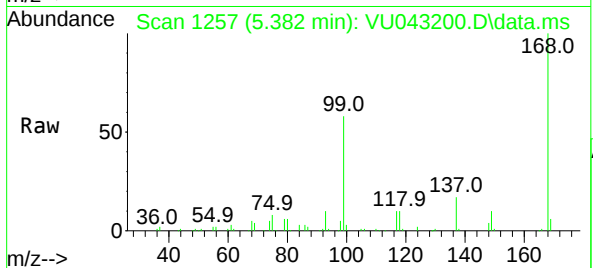
Tgt Ion: 56 Resp: 3013

Ion Ratio Lower Upper

56 100

69 148.9 24.9 37.3#

84 105.7 63.7 95.5#



#33

1,2-Dichloroethane-d4

Concen: 50.67 ug/l

RT: 5.710 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VU043200.D

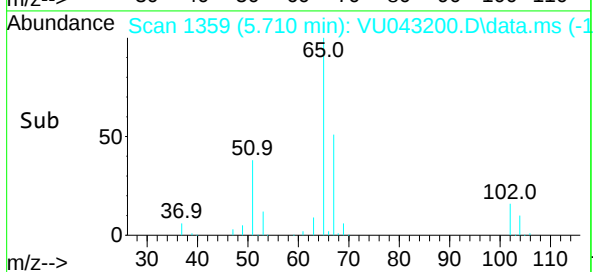
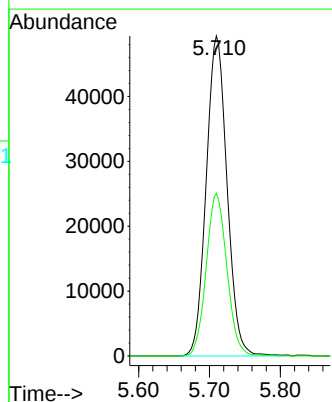
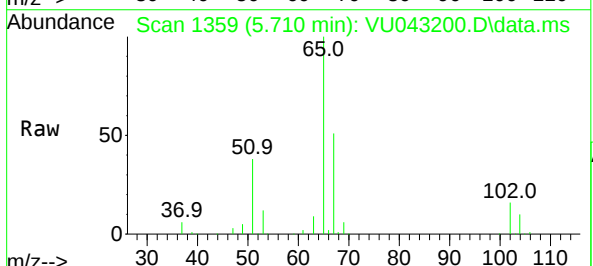
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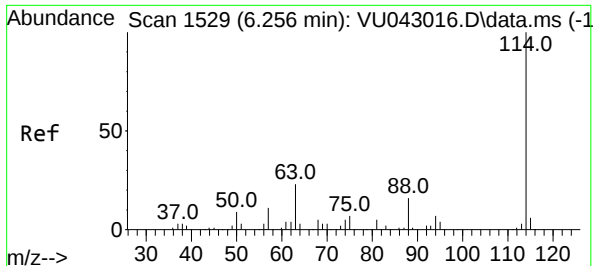
Tgt Ion: 65 Resp: 100627

Ion Ratio Lower Upper

65 100

67 50.4 0.0 99.8

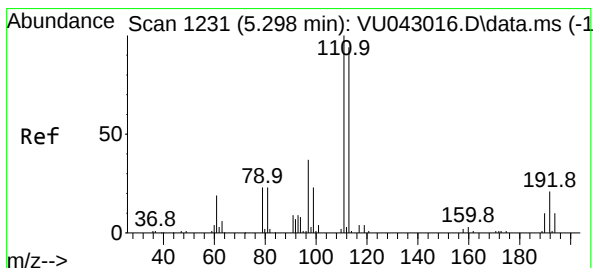
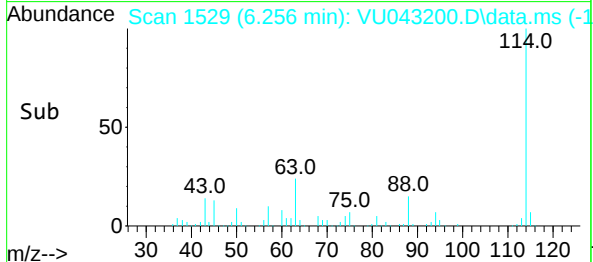
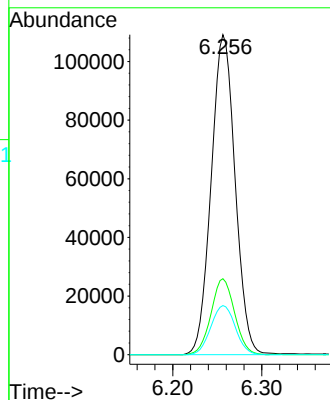
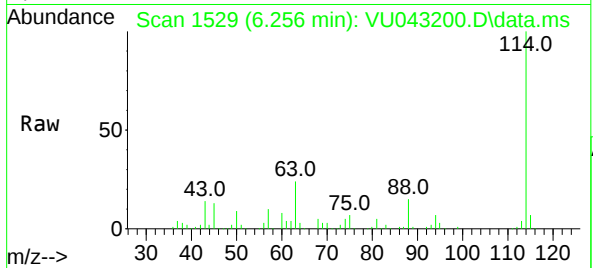




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043200.D
Acq: 19 Apr 2021 17:35

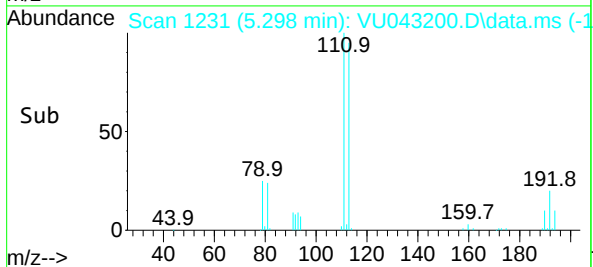
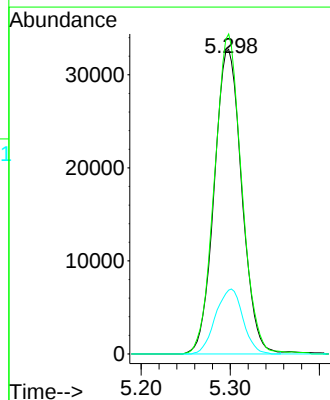
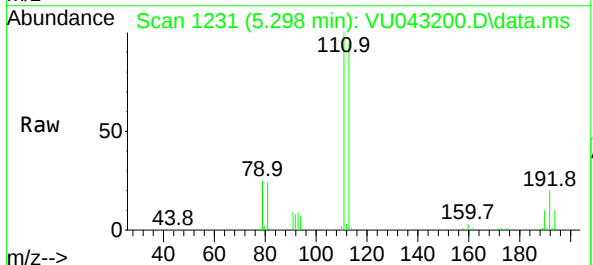
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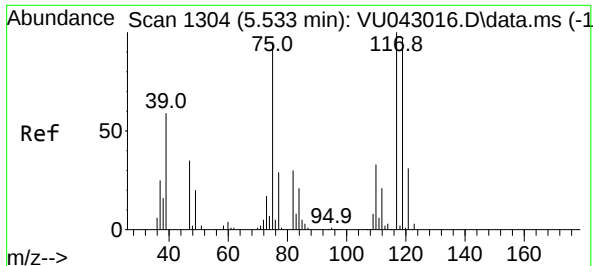
Tgt Ion:114 Resp: 203603
Ion Ratio Lower Upper
114 100
63 23.8 0.0 44.2
88 15.3 0.0 33.4



#35
Dibromofluoromethane
Concen: 45.91 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043200.D
Acq: 19 Apr 2021 17:35

Tgt Ion:113 Resp: 70239
Ion Ratio Lower Upper
113 100
111 103.6 81.8 122.8
192 21.2 17.2 25.8

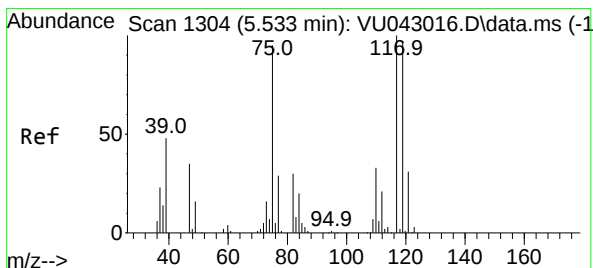
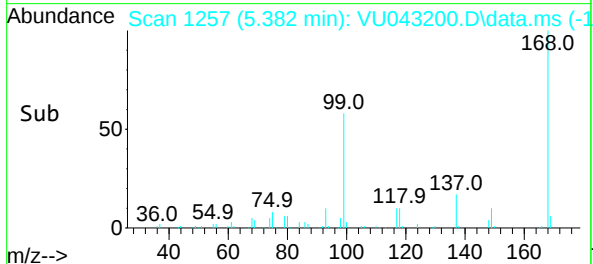
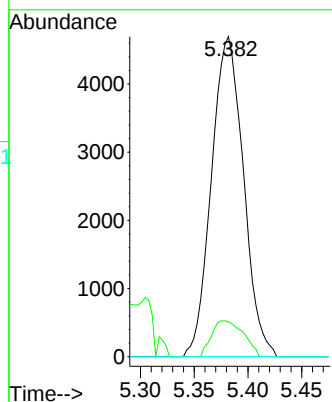
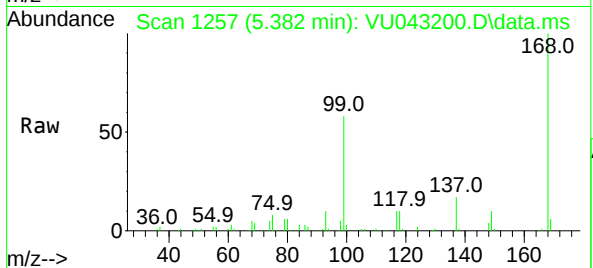




#36
1,1-Dichloropropene
Concen: 4.50 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043200.D
Acq: 19 Apr 2021 17:35

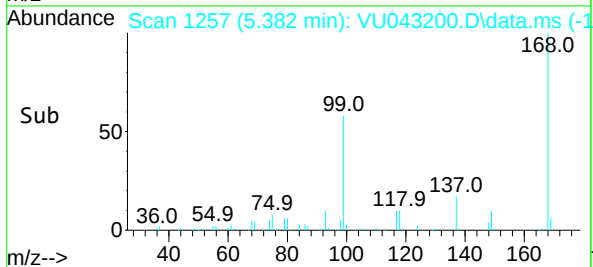
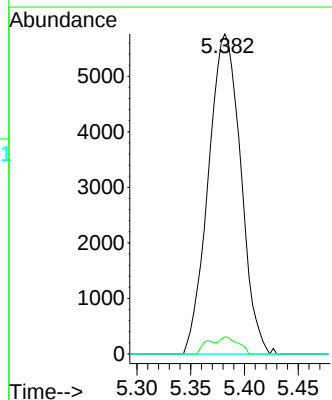
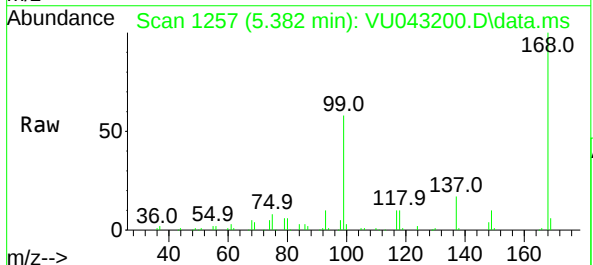
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ClientSampled :

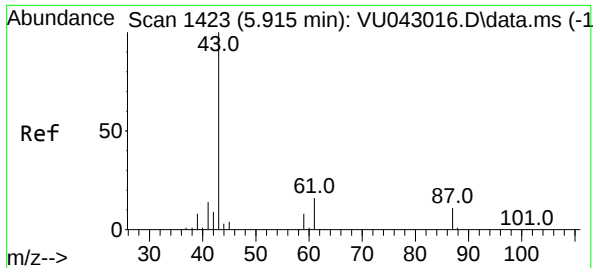
Tgt Ion: 75 Resp: 9727
Ion Ratio Lower Upper
75 100
110 11.1 16.8 50.3#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.22 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043200.D
Acq: 19 Apr 2021 17:35

Tgt Ion: 117 Resp: 12082
Ion Ratio Lower Upper
117 100
119 5.3 75.5 113.3#
121 0.0 24.7 37.1#

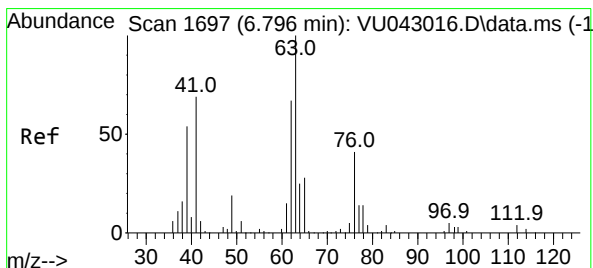
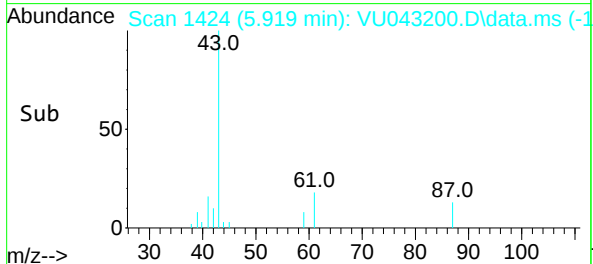
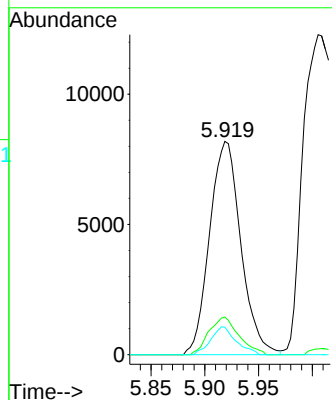
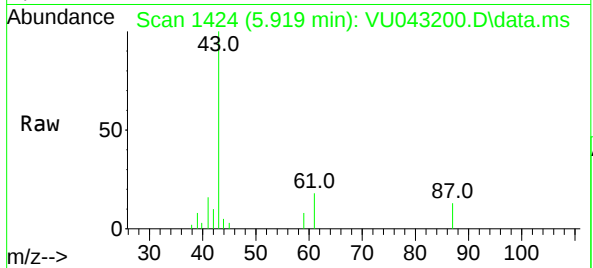




#43
Isopropyl Acetate
Concen: 3.14 ug/l
RT: 5.919 min Scan# 1424
Delta R.T. 0.004 min
Lab File: VU043200.D
Acq: 19 Apr 2021 17:35

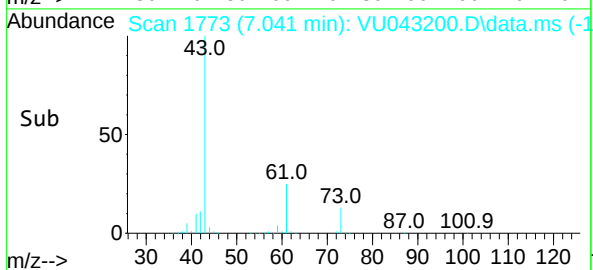
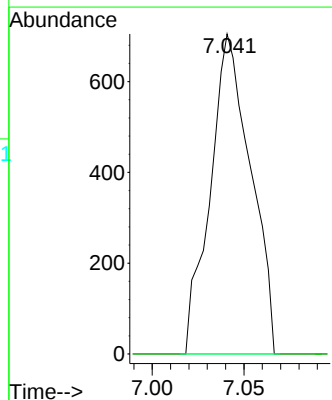
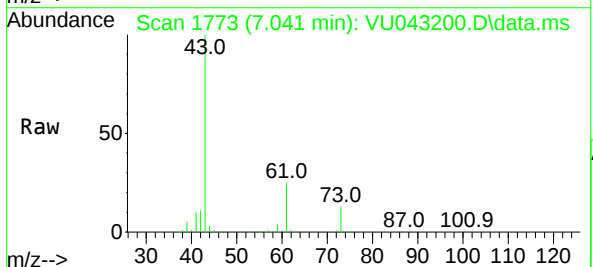
Instrument :
MSVOA_U
ClientSampled :

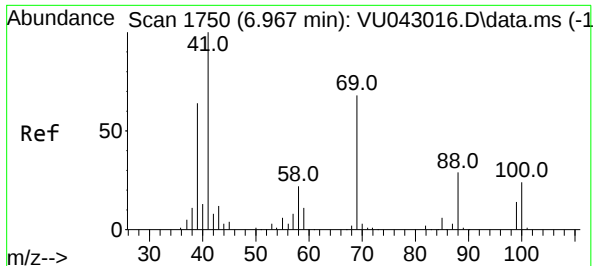
Tgt Ion: 43 Resp: 16543
Ion Ratio Lower Upper
43 100
61 16.9 14.4 21.6
87 10.5 8.8 13.2



#45
1,2-Dichloropropane
Concen: 0.63 ug/l
RT: 7.041 min Scan# 1773
Delta R.T. 0.245 min
Lab File: VU043200.D
Acq: 19 Apr 2021 17:35

Tgt Ion: 63 Resp: 1081
Ion Ratio Lower Upper
63 100
65 0.0 25.4 38.2#





#48

Methyl methacrylate

Concen: 2.59 ug/l

RT: 6.899 min Scan# 1729

Delta R.T. -0.068 min

Lab File: VU043200.D

Acq: 19 Apr 2021 17:35

Tgt Ion: 41 Resp: 6850

Ion Ratio Lower Upper

41 100

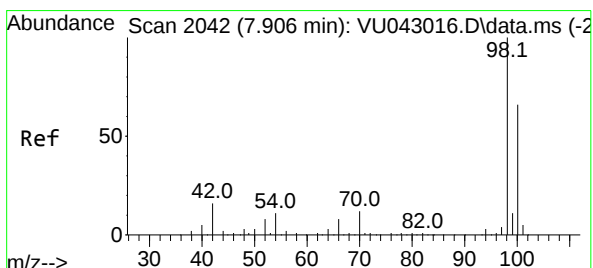
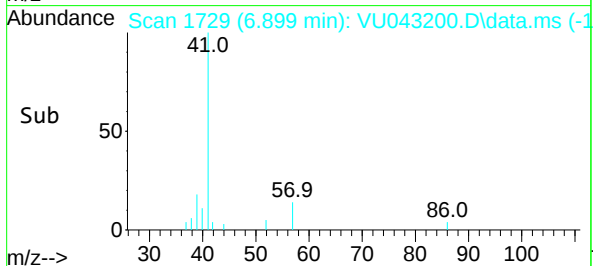
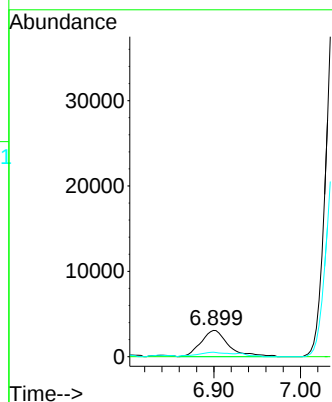
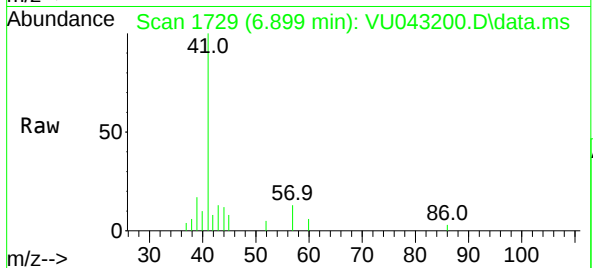
69 0.0 57.0 85.6#

39 0.0 48.4 72.6#

Instrument :

MSVOA_U

ClientSampled :



#50

Toluene-d8

Concen: 48.20 ug/l

RT: 7.906 min Scan# 2042

Delta R.T. -0.000 min

Lab File: VU043200.D

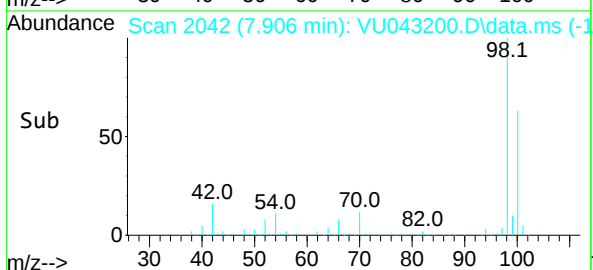
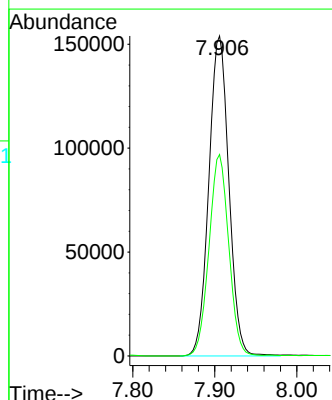
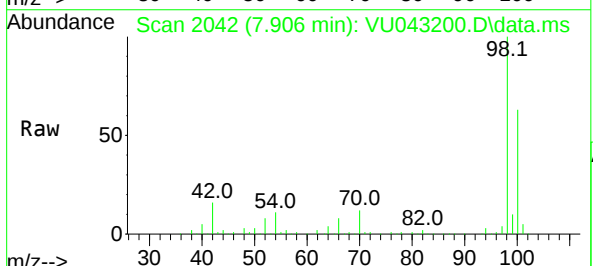
Acq: 19 Apr 2021 17:35

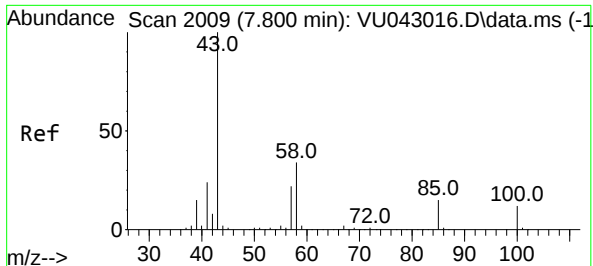
Tgt Ion: 98 Resp: 260954

Ion Ratio Lower Upper

98 100

100 62.2 50.2 75.2

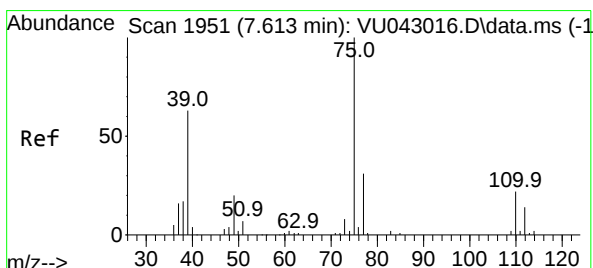
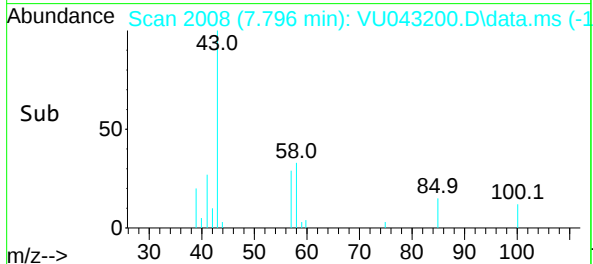
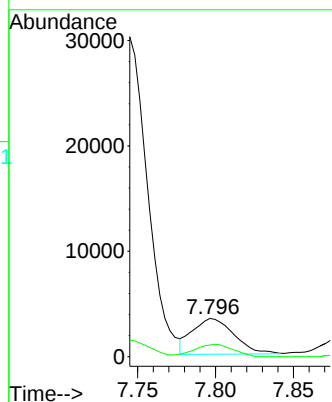
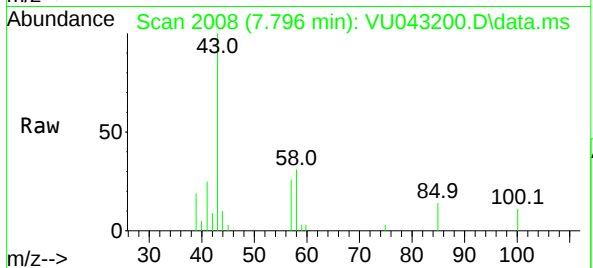




#51
4-Methyl-2-Pentanone
Concen: 1.62 ug/l
RT: 7.796 min Scan# 2008
Delta R.T. -0.004 min
Lab File: VU043200.D
Acq: 19 Apr 2021 17:35

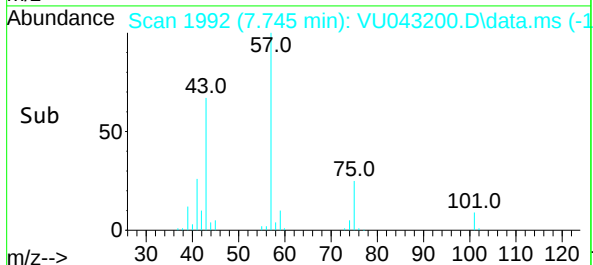
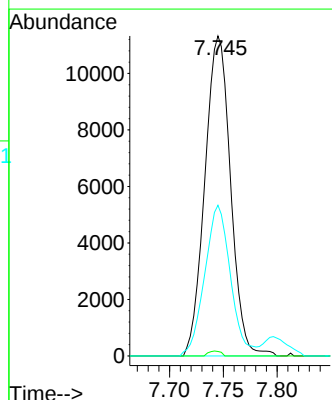
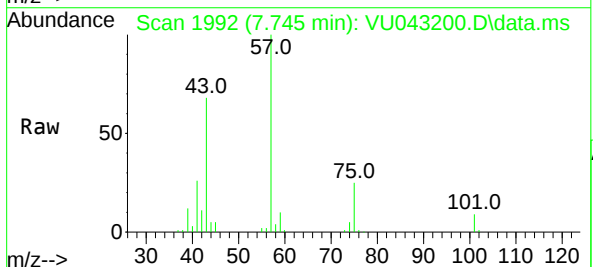
Instrument :
MSVOA_U
ClientSampled :

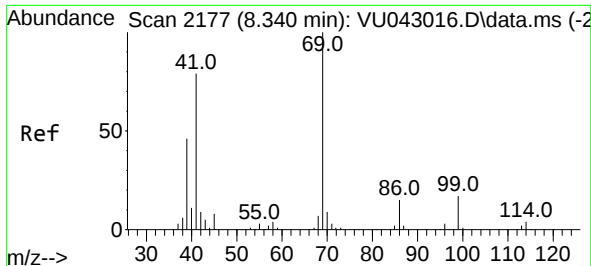
Tgt Ion: 43 Resp: 6323
Ion Ratio Lower Upper
43 100
58 32.1 28.1 42.1



#54
cis-1,3-Dichloropropene
Concen: 6.95 ug/l
RT: 7.745 min Scan# 1992
Delta R.T. 0.132 min
Lab File: VU043200.D
Acq: 19 Apr 2021 17:35

Tgt Ion: 75 Resp: 18823
Ion Ratio Lower Upper
75 100
77 1.4 24.6 37.0#
39 47.1 46.1 69.1

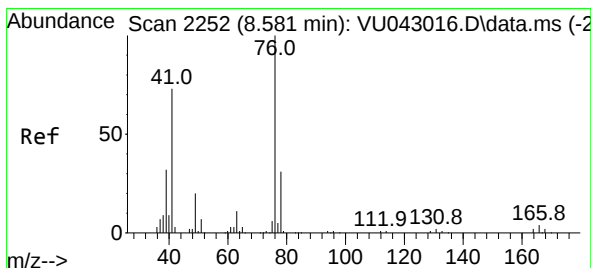
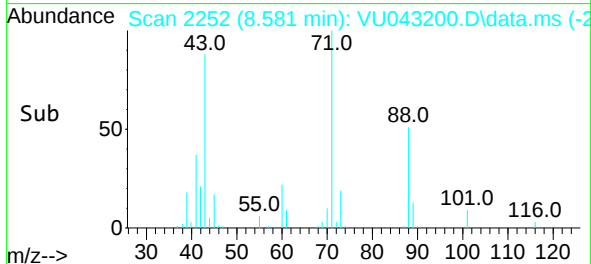
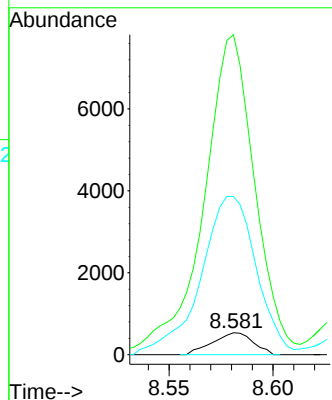
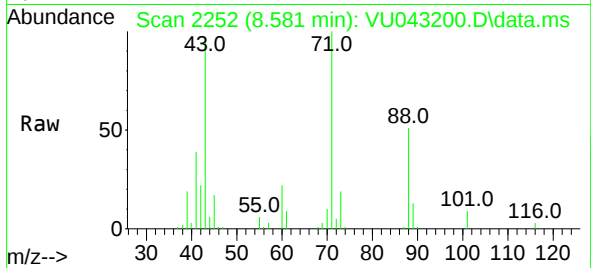




#56
Ethyl methacrylate
Concen: 0.27 ug/l
RT: 8.581 min Scan# 2252
Delta R.T. 0.241 min
Lab File: VU043200.D
Acq: 19 Apr 2021 17:35

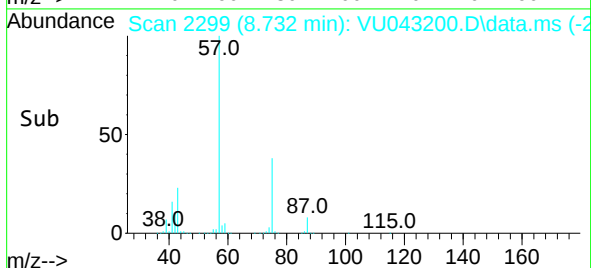
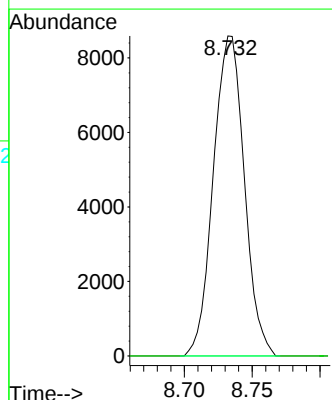
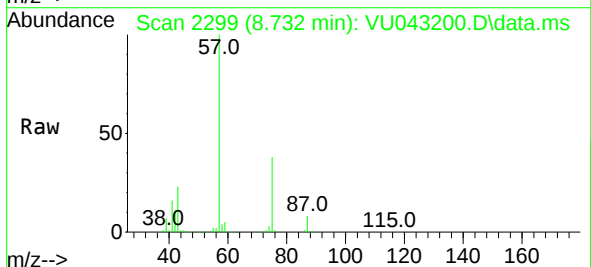
Instrument :
MSVOA_U
ClientSampleId :

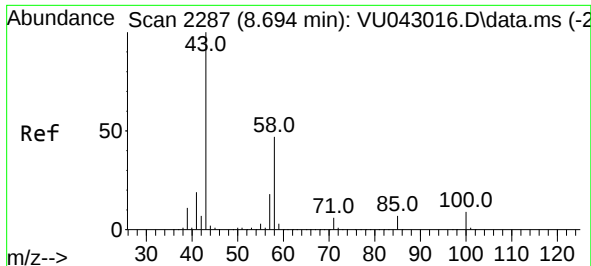
Tgt Ion: 69 Resp: 730
Ion Ratio Lower Upper
69 100
41 1841.8 62.8 94.2#
39 983.2 36.2 54.2#



#57
1,3-Dichloropropane
Concen: 4.81 ug/l
RT: 8.732 min Scan# 2299
Delta R.T. 0.151 min
Lab File: VU043200.D
Acq: 19 Apr 2021 17:35

Tgt Ion: 76 Resp: 13653
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#

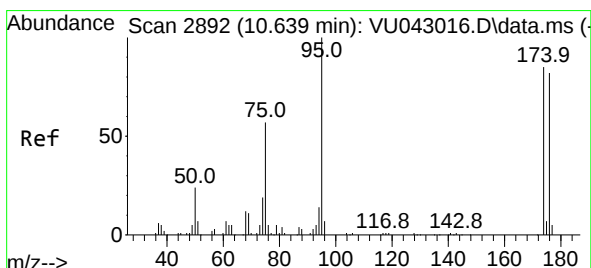
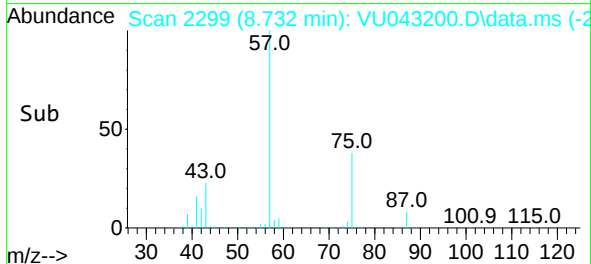
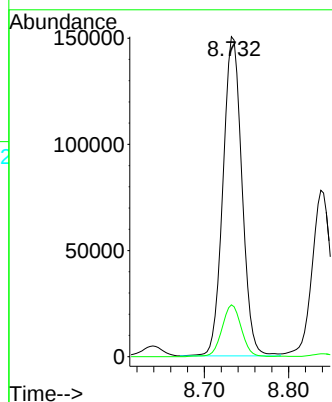
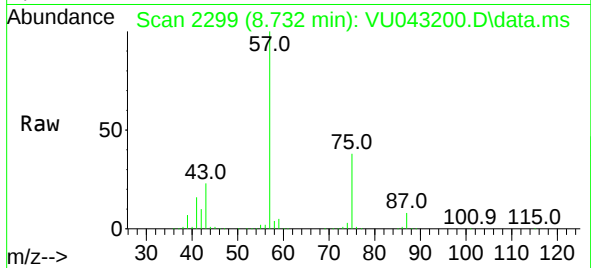




#59
2-Hexanone
Concen: 73.23 ug/l
RT: 8.732 min Scan# 2299
Delta R.T. 0.038 min
Lab File: VU043200.D
Acq: 19 Apr 2021 17:35

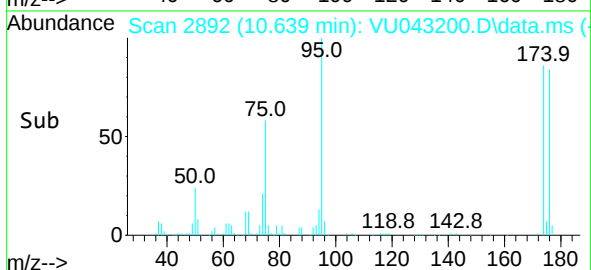
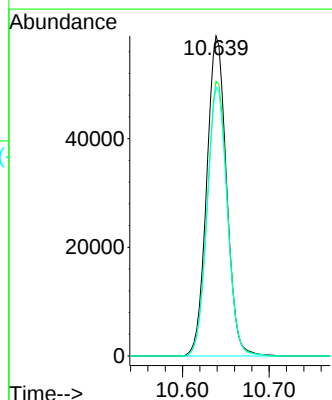
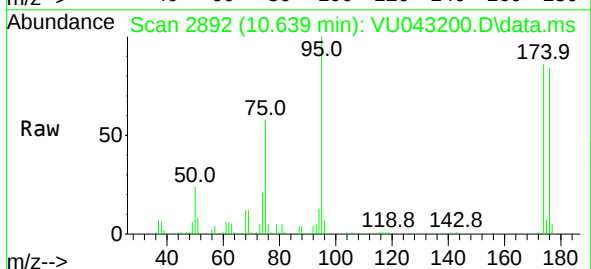
Instrument :
MSVOA_U
ClientSampled :

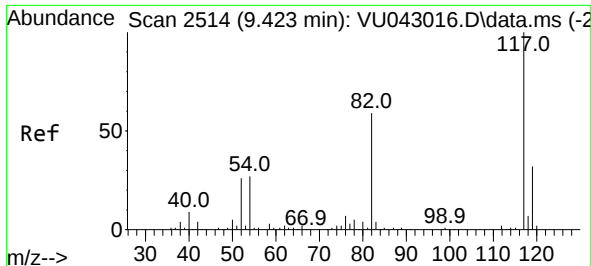
Tgt Ion: 43 Resp: 234987
Ion Ratio Lower Upper
43 100
58 16.6 24.0 72.0#



#62
4-Bromofluorobenzene
Concen: 43.09 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043200.D
Acq: 19 Apr 2021 17:35

Tgt Ion: 95 Resp: 93415
Ion Ratio Lower Upper
95 100
174 87.8 0.0 172.2
176 85.0 0.0 168.8

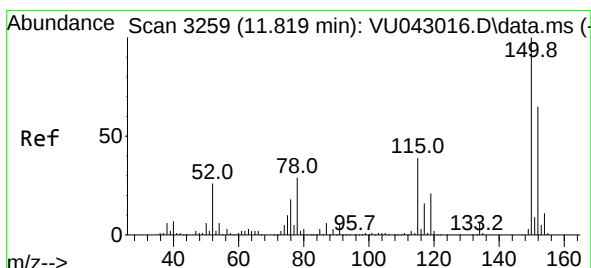
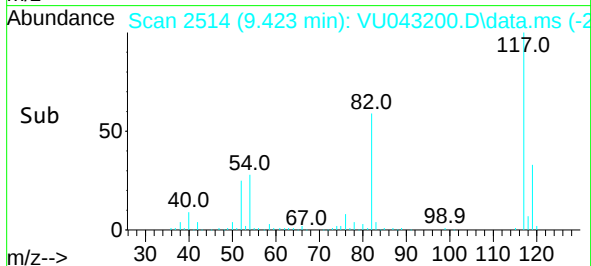
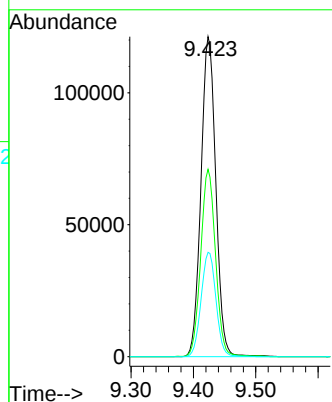
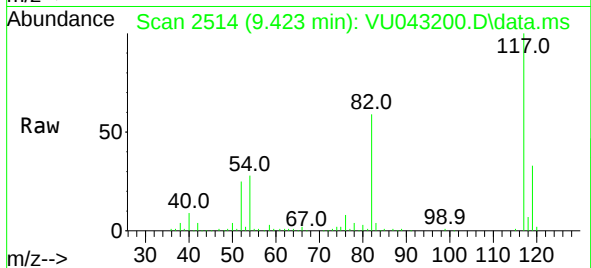




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043200.D
Acq: 19 Apr 2021 17:35

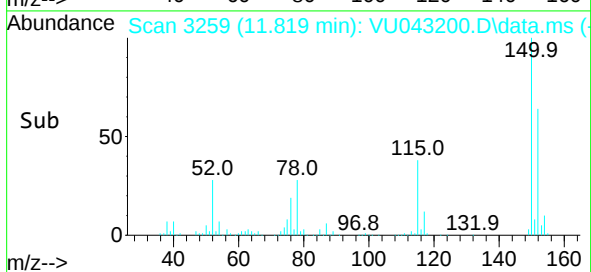
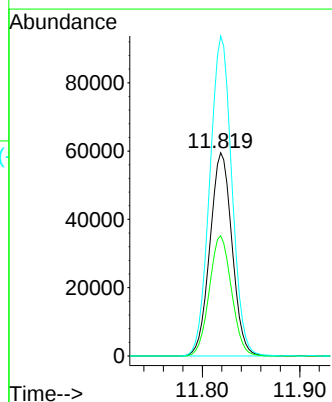
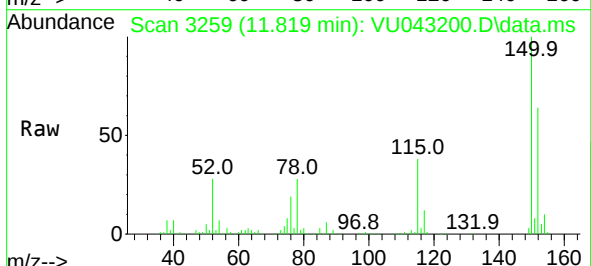
Instrument :
MSVOA_U
ClientSampleId :

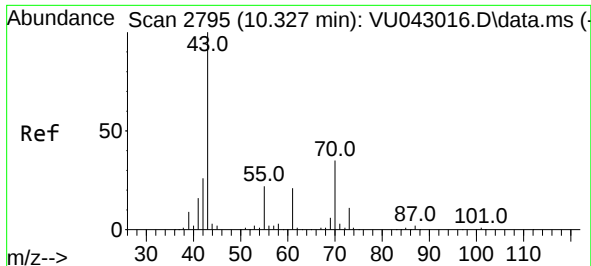
Tgt Ion:117 Resp: 200666
Ion Ratio Lower Upper
117 100
82 58.6 45.8 68.6
119 32.6 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043200.D
Acq: 19 Apr 2021 17:35

Tgt Ion:152 Resp: 93810
Ion Ratio Lower Upper
152 100
115 59.1 41.5 124.6
150 157.4 0.0 342.4

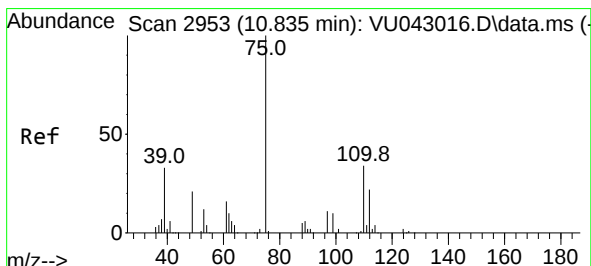
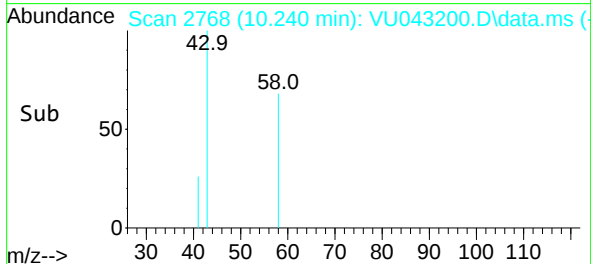
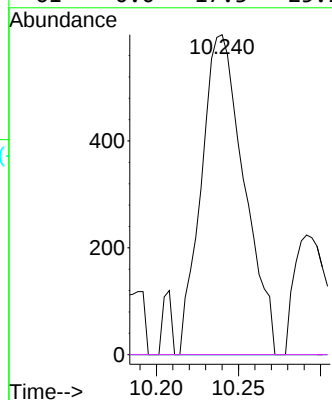
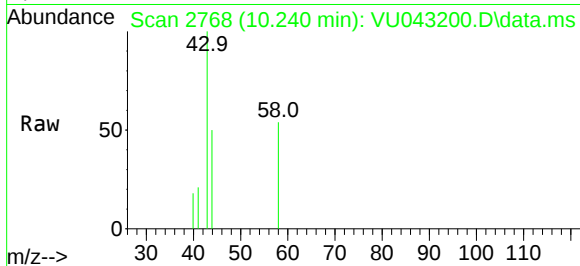




#74
N-amy1 acetate
Concen: 0.27 ug/l
RT: 10.240 min Scan# 2768
Delta R.T. -0.087 min
Lab File: VU043200.D
Acq: 19 Apr 2021 17:35

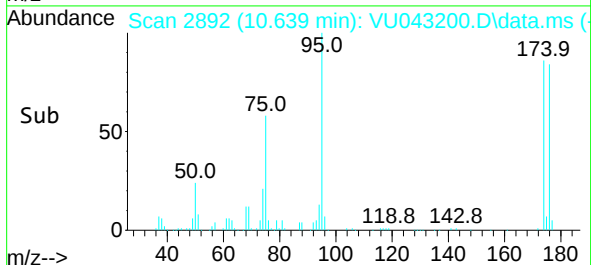
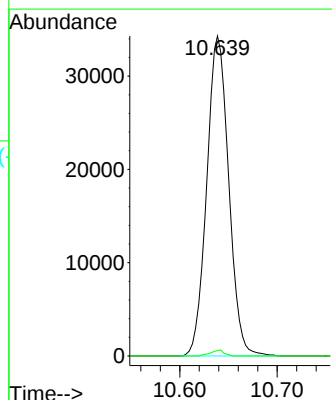
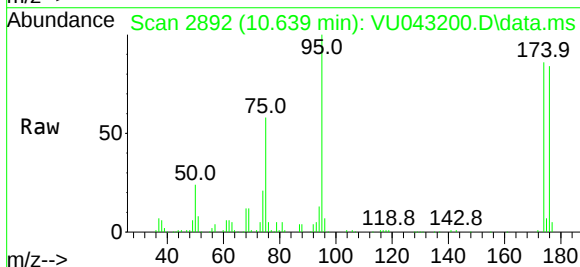
Instrument :
MSVOA_U
ClientSampled :

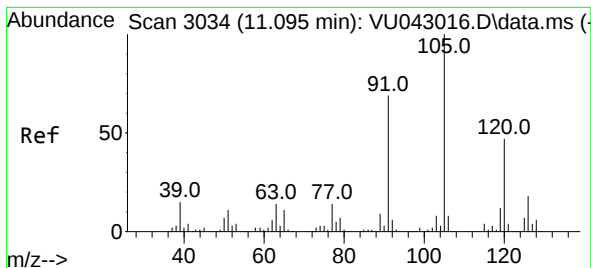
Tgt Ion: 43	Resp: 1087
Ion Ratio	Lower Upper
43 100	
70 0.0	28.3 42.5#
55 0.0	17.2 25.8#
61 0.0	17.3 25.9#



#76
1,2,3-Trichloropropane
Concen: 19.62 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.196 min
Lab File: VU043200.D
Acq: 19 Apr 2021 17:35

Tgt Ion: 75	Resp: 53779
Ion Ratio	Lower Upper
75 100	
77 1.2	20.2 60.5#

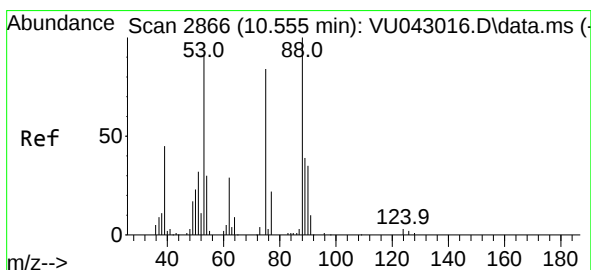
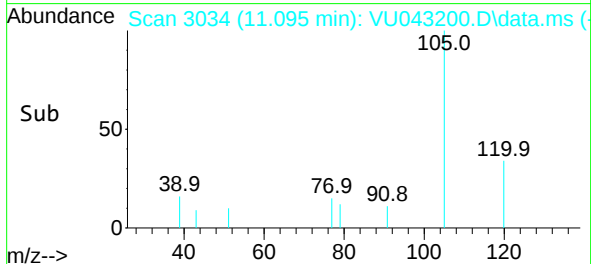
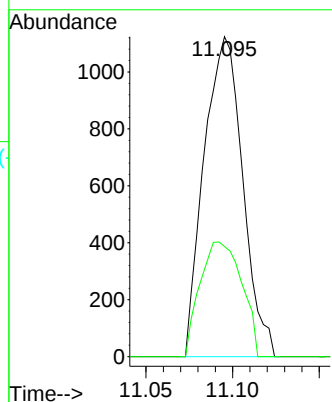
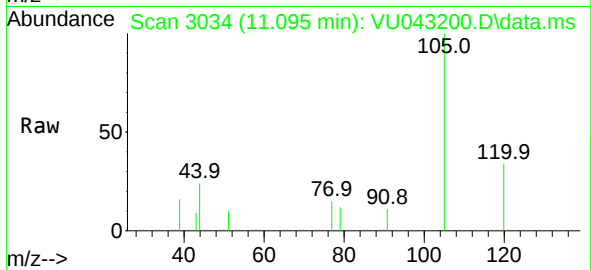




#80
1,3,5-Trimethylbenzene
Concen: 0.31 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU043200.D
Acq: 19 Apr 2021 17:35

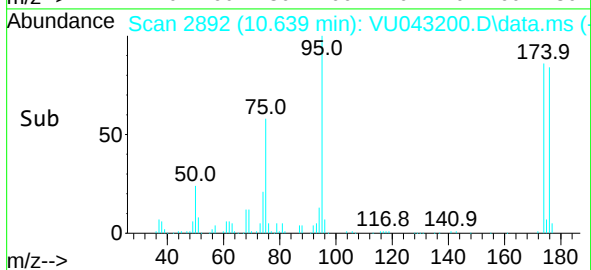
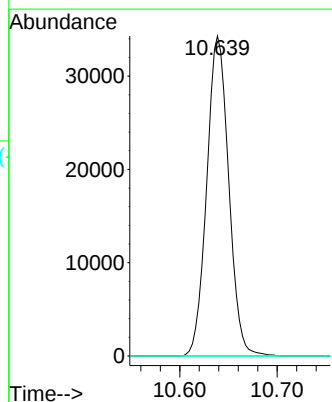
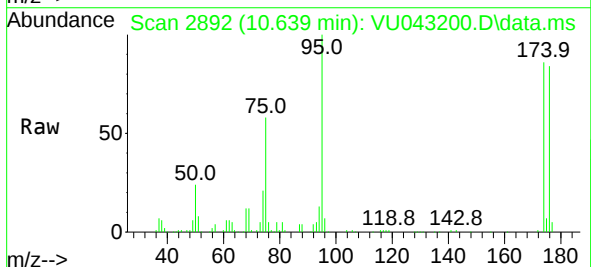
Instrument :
MSVOA_U
ClientSampled :

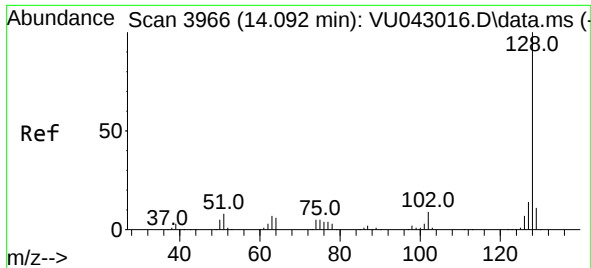
Tgt Ion:105 Resp: 1742
Ion Ratio Lower Upper
105 100
120 38.7 23.8 71.4



#81
trans-1,4-Dichloro-2-butene
Concen: 57.65 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043200.D
Acq: 19 Apr 2021 17:35

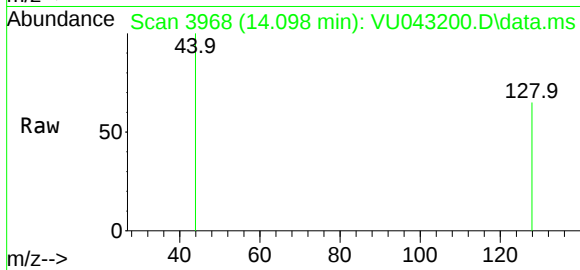
Tgt Ion: 75 Resp: 53779
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#





#95
Naphthalene
Concen: 2.77 ug/l
RT: 14.098 min Scan# 3968
Delta R.T. 0.006 min
Lab File: VU043200.D
Acq: 19 Apr 2021 17:35

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 176
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#

