

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041421\
 Data File : VU043089.D
 Acq On : 14 Apr 2021 13:13
 Operator : SY/MD
 Sample : M1983-03ME
 Misc : 2.23g/5mL/100uL/5.00mL/MSVOA_U/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 15 02:03:46 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	5.378	168	201848	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	324484	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.436	117	302654	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	11.828	152	154243	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	157689	46.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.94%	
35) Dibromofluoromethane	5.314	113	104518	42.87	ug/l	0.02
Spiked Amount 50.000			Recovery	=	85.74%	
50) Toluene-d8	7.909	98	409925	47.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.02%	
62) 4-Bromofluorobenzene	10.655	95	152270	44.07	ug/l	0.02
Spiked Amount 50.000			Recovery	=	88.14%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	756	Below Cal	#	41
5) Bromomethane	1.858	94	857	0.69	ug/l #	75
11) Tert butyl alcohol	3.179	59	2940	3.36	ug/l #	94
13) Acrolein	2.491	56	261	10.88	ug/l #	74
14) Allyl chloride	2.932	41	1180	0.26	ug/l #	25
16) Acetone	2.671	43	1130874	566.68	ug/l	98
18) Methyl Acetate	2.671	43	916835	216.16	ug/l #	55
25) 2-Butanone	4.758	43	26585	8.62	ug/l	96
29) Tetrahydrofuran	5.108	42	984	0.51	ug/l #	1
31) Cyclohexane	5.359	56	66214	15.82	ug/l #	52
36) 1,1-Dichloropropene	5.378	75	16666	4.84	ug/l #	48
37) Ethyl Acetate	4.758	43	26585	4.52	ug/l #	71
38) Carbon Tetrachloride	5.378	117	19761	5.35	ug/l #	16
39) Methylcyclohexane	6.761	83	25094	6.63	ug/l	97
41) Methacrylonitrile	5.128	41	6944	2.24	ug/l #	52
43) Isopropyl Acetate	5.845	43	39316	4.68	ug/l #	64
48) Methyl methacrylate	6.980	41	7651	1.82	ug/l #	73
51) 4-Methyl-2-Pentanone	7.819	43	34426	5.54	ug/l	99
52) Toluene	7.980	92	3583241	587.62	ug/l	100
53) t-1,3-Dichloropropene	7.980	75	46515	10.95	ug/l #	1
56) Ethyl methacrylate	8.324	69	1307	0.31	ug/l #	13
59) 2-Hexanone	8.754	43	7552	1.48	ug/l	99
67) Ethyl Benzene	9.584	91	4335	0.37	ug/l	93
68) m/p-Xylenes	9.709	106	5658	1.31	ug/l	92
69) o-Xylene	10.115	106	2315	0.55	ug/l	94
74) N-amyl acetate	10.266	43	123056	18.50	ug/l #	51
76) 1,2,3-Trichloropropane	10.655	75	85282	18.92	ug/l #	37
78) n-propylbenzene	10.922	91	2769	0.22	ug/l	91
80) 1,3,5-Trimethylbenzene	11.102	105	4912	0.54	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.655	75	85282	55.60	ug/l #	7
84) 1,2,4-Trimethylbenzene	11.481	105	18165	1.93	ug/l	87
85) sec-Butylbenzene	11.655	105	2883	0.27	ug/l #	56
86) p-Isopropyltoluene	11.806	119	106568	10.99	ug/l	98
89) n-Butylbenzene	12.217	91	4405	0.49	ug/l #	54
90) Hexachloroethane	12.475	117	617	0.34	ug/l #	6
93) 1,2,4-Trichlorobenzene	13.848	180	662	1.69	ug/l #	78

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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 15 02:03:46 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

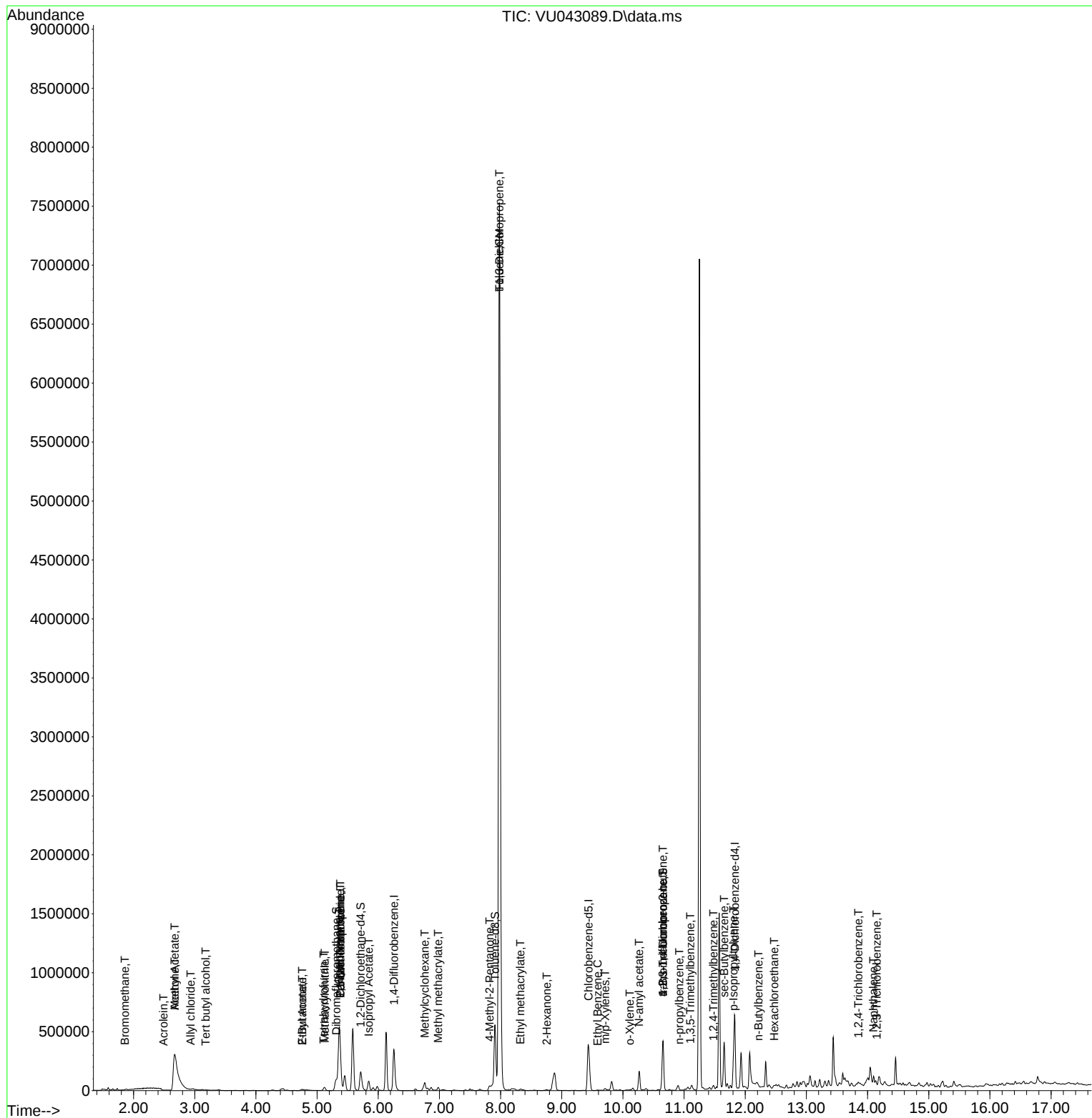
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	14.095	128	9455	3.54	ug/l #	83
96) 1,2,3-Trichlorobenzene	14.150	180	668	1.65	ug/l	87

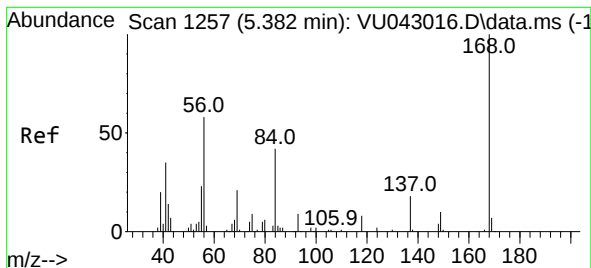
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

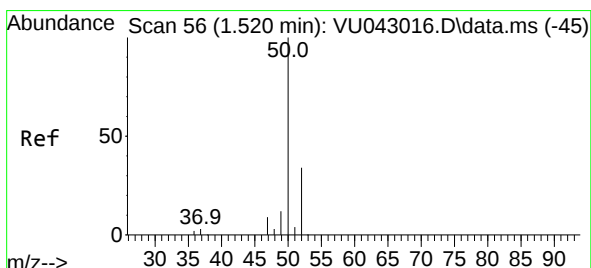
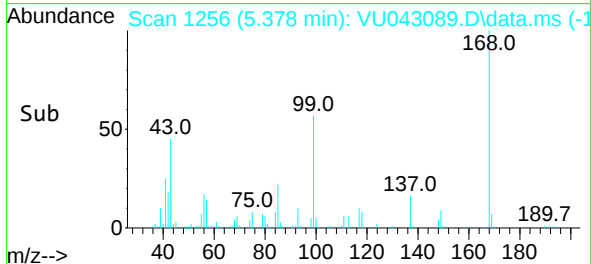
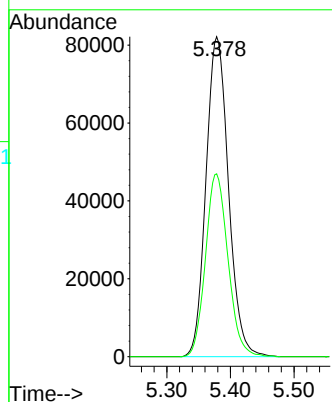
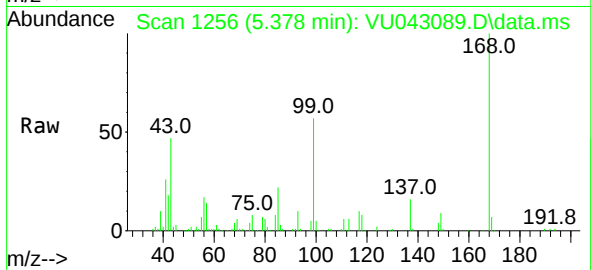




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.004 min
Lab File: VU043089.D
Acq: 14 Apr 2021 13:13

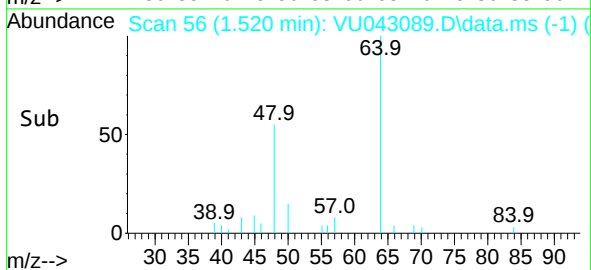
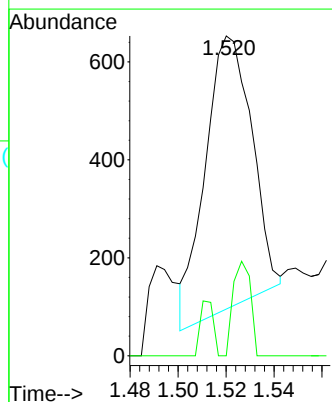
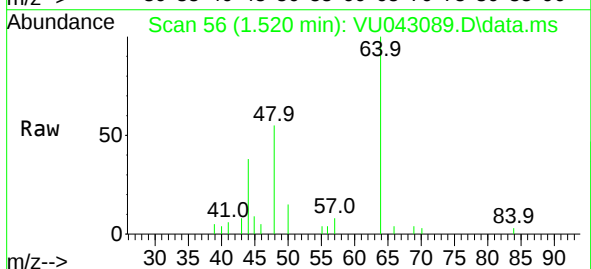
Instrument :
MSVOA_U
ClientSampled :

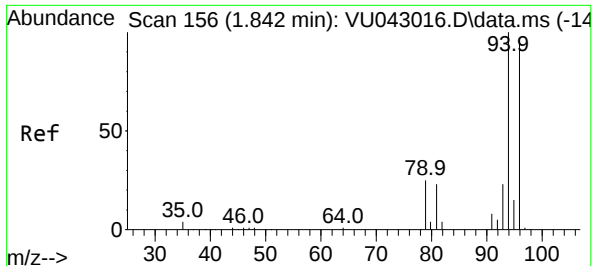
Tgt Ion:168 Resp: 201848
Ion Ratio Lower Upper
168 100
99 57.1 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU043089.D
Acq: 14 Apr 2021 13:13

Tgt Ion: 50 Resp: 756
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#

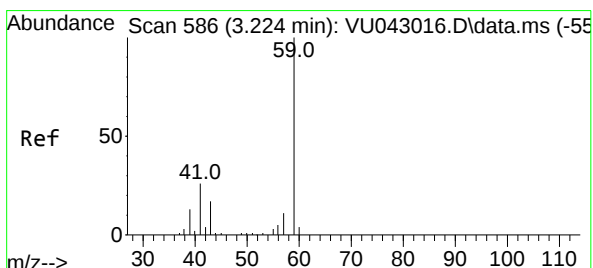
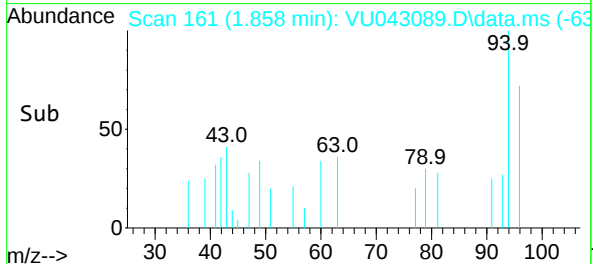
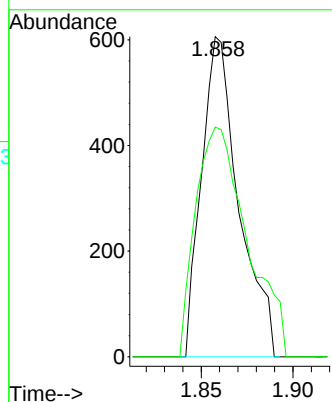
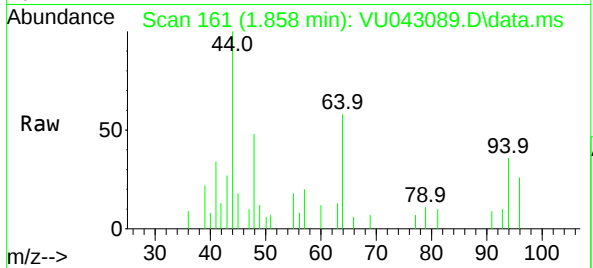




#5
Bromomethane
Concen: 0.69 ug/l
RT: 1.858 min Scan# 161
Delta R.T. 0.016 min
Lab File: VU043089.D
Acq: 14 Apr 2021 13:13

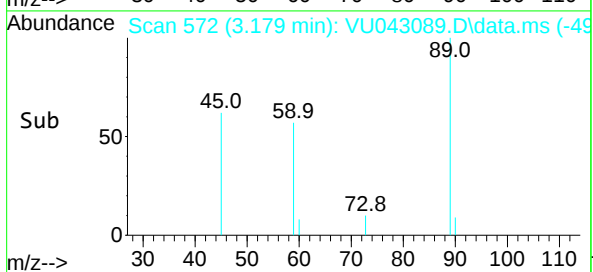
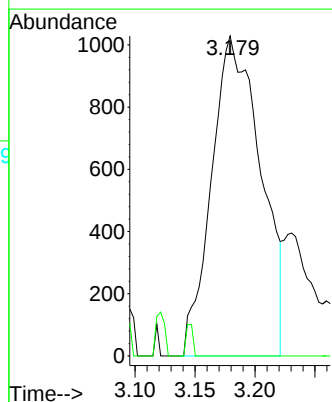
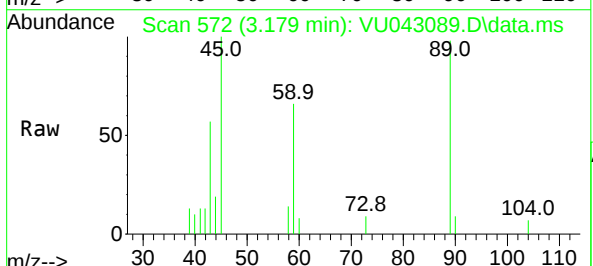
Instrument :
MSVOA_U
ClientSampleId :

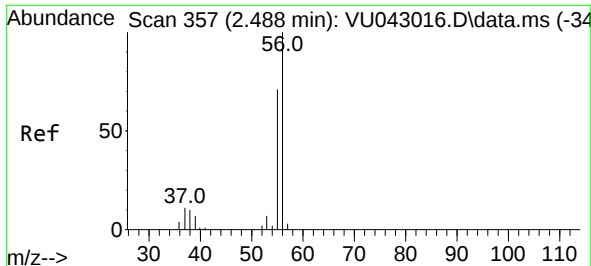
Tgt Ion: 94 Resp: 857
Ion Ratio Lower Upper
94 100
96 71.8 76.6 115.0#



#11
Tert butyl alcohol
Concen: 3.36 ug/l
RT: 3.179 min Scan# 572
Delta R.T. -0.045 min
Lab File: VU043089.D
Acq: 14 Apr 2021 13:13

Tgt Ion: 59 Resp: 2940
Ion Ratio Lower Upper
59 100
57 0.0 1.6 2.4#

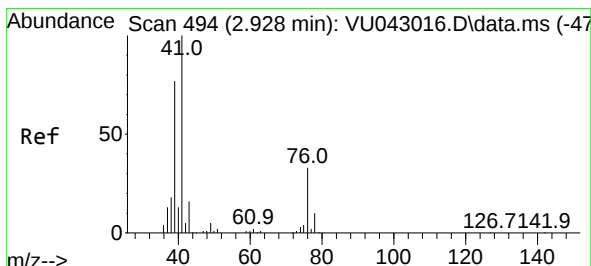
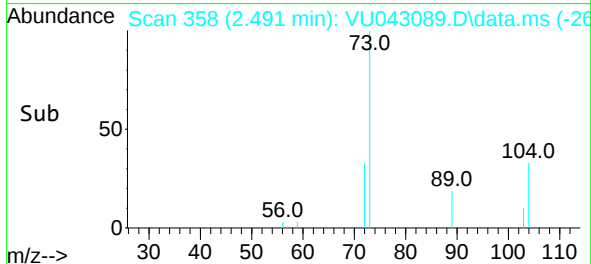
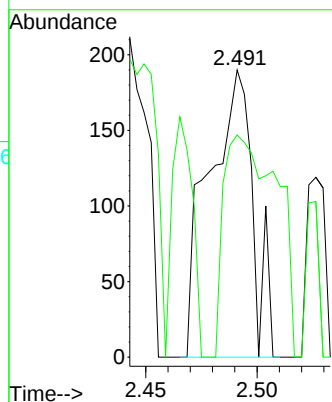
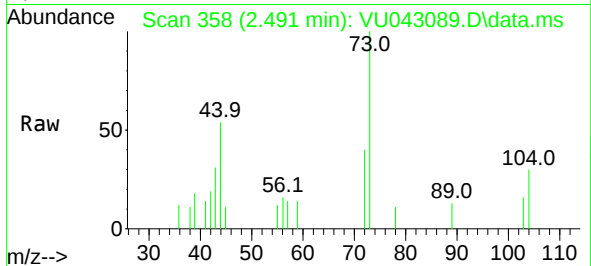




#13
Acrolein
Concen: 10.88 ug/l
RT: 2.491 min Scan# 358
Delta R.T. 0.003 min
Lab File: VU043089.D
Acq: 14 Apr 2021 13:13

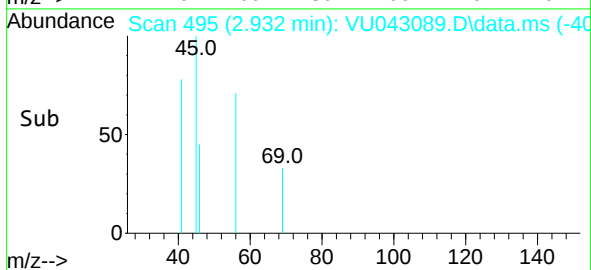
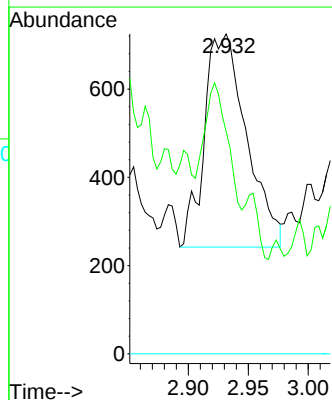
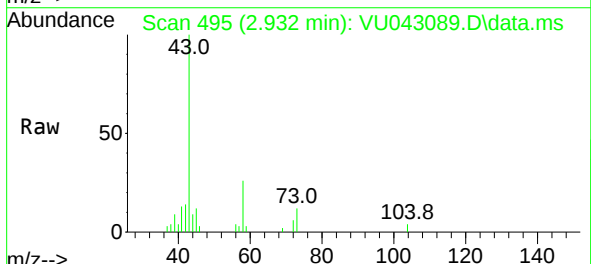
Instrument :
MSVOA_U
ClientSampled :

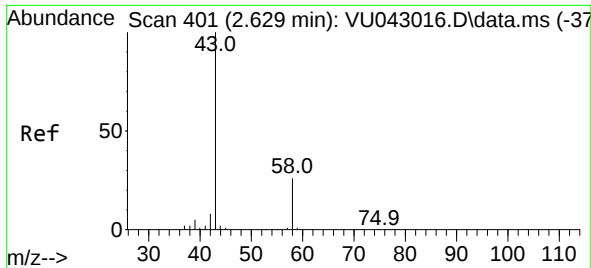
Tgt Ion: 56 Resp: 261
Ion Ratio Lower Upper
56 100
55 93.5 57.3 85.9#



#14
Allyl chloride
Concen: 0.26 ug/l
RT: 2.932 min Scan# 495
Delta R.T. 0.004 min
Lab File: VU043089.D
Acq: 14 Apr 2021 13:13

Tgt Ion: 41 Resp: 1180
Ion Ratio Lower Upper
41 100
39 0.0 54.9 82.3#
76 0.0 22.5 33.7#

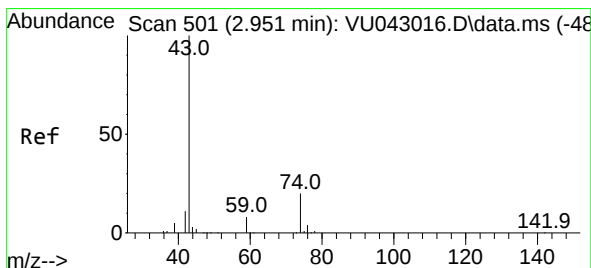
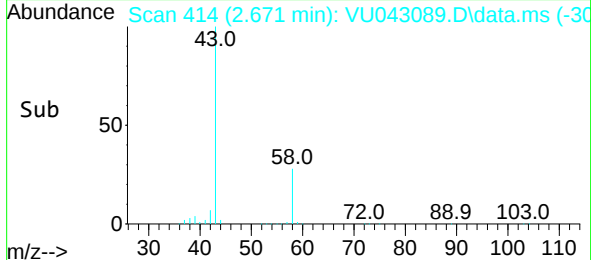
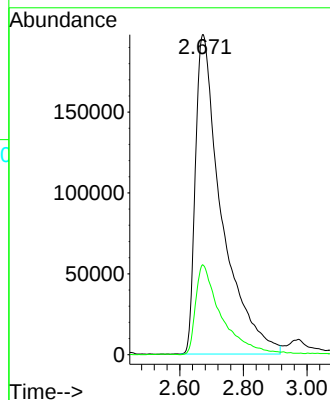
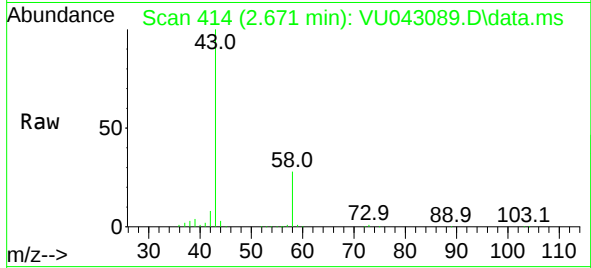




#16
Acetone
Concen: 566.68 ug/l
RT: 2.671 min Scan# 414
Delta R.T. 0.042 min
Lab File: VU043089.D
Acq: 14 Apr 2021 13:13

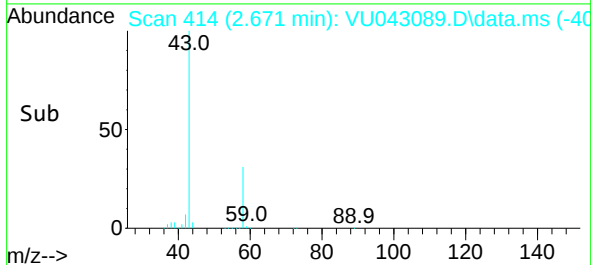
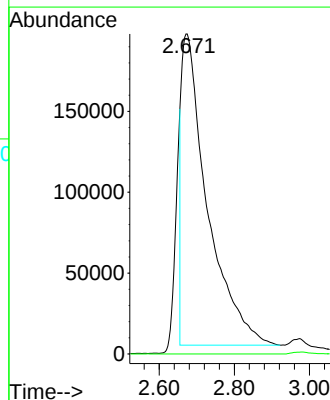
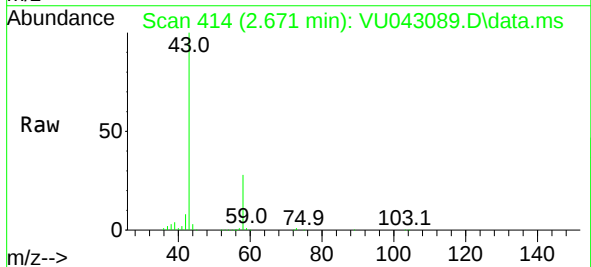
Instrument :
MSVOA_U
ClientSampled :

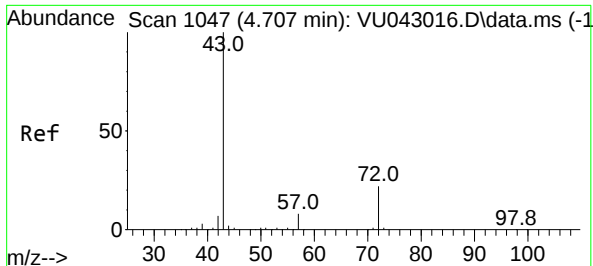
Tgt Ion: 43 Resp: 1130874
Ion Ratio Lower Upper
43 100
58 28.2 21.5 32.3



#18
Methyl Acetate
Concen: 216.16 ug/l
RT: 2.671 min Scan# 414
Delta R.T. -0.280 min
Lab File: VU043089.D
Acq: 14 Apr 2021 13:13

Tgt Ion: 43 Resp: 916835
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#

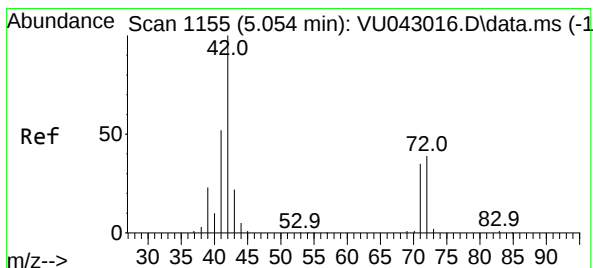
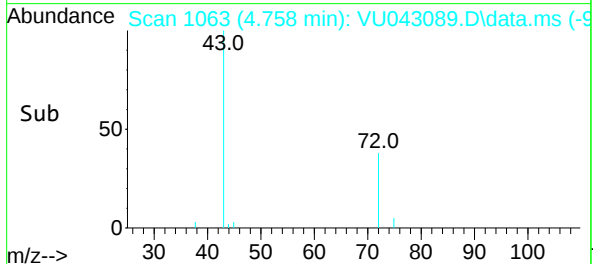
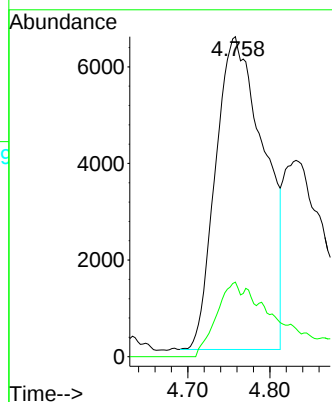
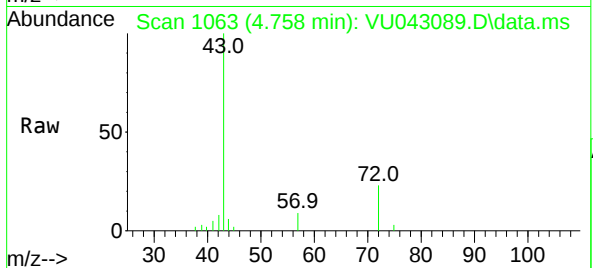




#25
2-Butanone
Concen: 8.62 ug/l
RT: 4.758 min Scan# 1063
Delta R.T. 0.051 min
Lab File: VU043089.D
Acq: 14 Apr 2021 13:13

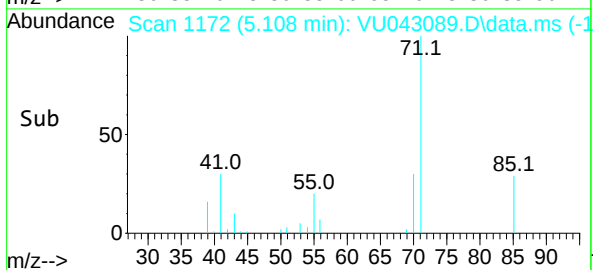
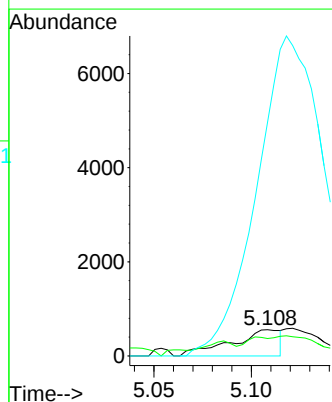
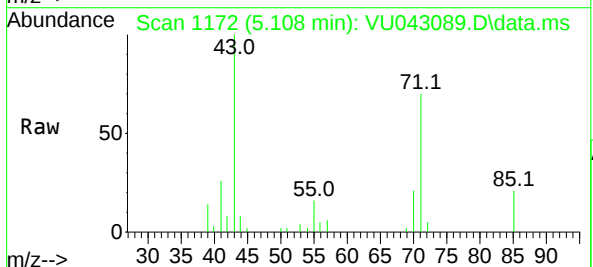
Instrument :
MSVOA_U
ClientSampleId :

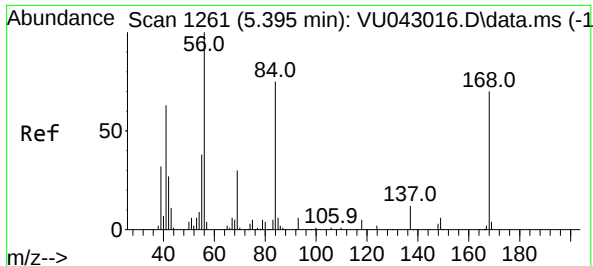
Tgt Ion: 43 Resp: 26585
Ion Ratio Lower Upper
43 100
72 23.8 17.4 26.0



#29
Tetrahydrofuran
Concen: 0.51 ug/l
RT: 5.108 min Scan# 1172
Delta R.T. 0.054 min
Lab File: VU043089.D
Acq: 14 Apr 2021 13:13

Tgt Ion: 42 Resp: 984
Ion Ratio Lower Upper
42 100
72 14.4 31.5 47.3#
71 1697.1 29.5 44.3#

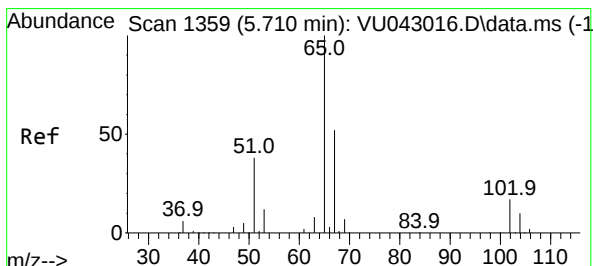
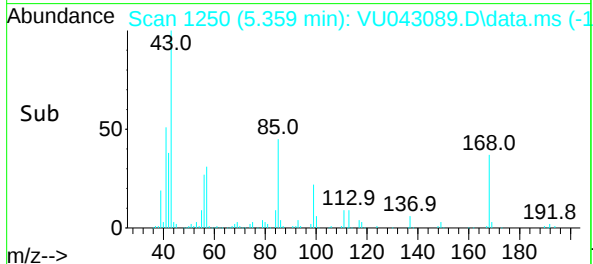
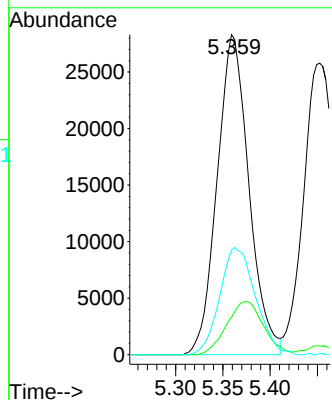
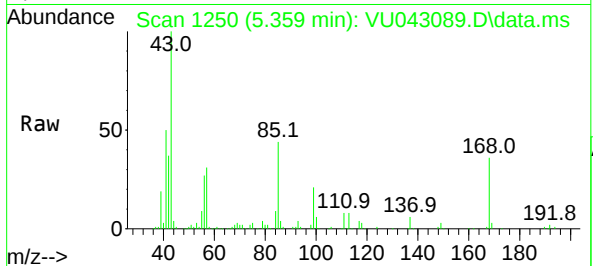




#31
Cyclohexane
Concen: 15.82 ug/l
RT: 5.359 min Scan# 1250
Delta R.T. -0.036 min
Lab File: VU043089.D
Acq: 14 Apr 2021 13:13

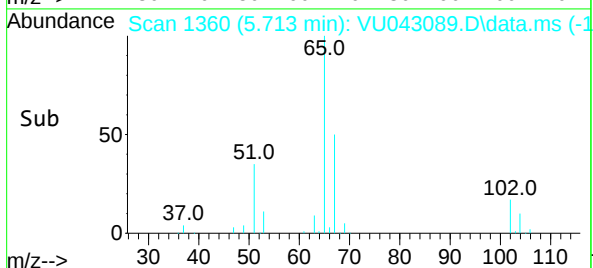
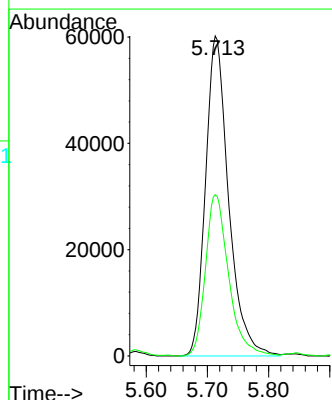
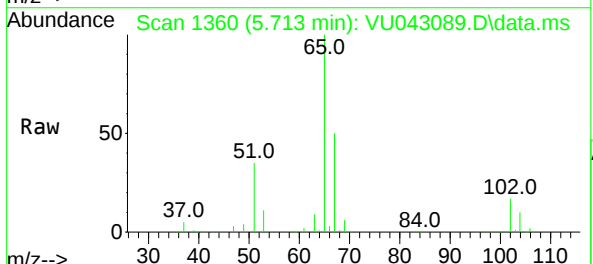
Instrument :
MSVOA_U
ClientSampleId :

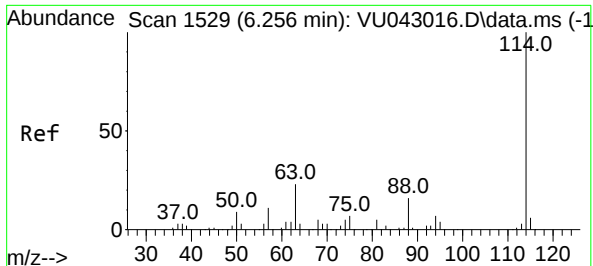
Tgt Ion: 56 Resp: 66214
Ion Ratio Lower Upper
56 100
69 11.8 24.9 37.3#
84 32.8 63.7 95.5#



#33
1,2-Dichloroethane-d4
Concen: 46.47 ug/l
RT: 5.713 min Scan# 1360
Delta R.T. 0.003 min
Lab File: VU043089.D
Acq: 14 Apr 2021 13:13

Tgt Ion: 65 Resp: 157689
Ion Ratio Lower Upper
65 100
67 50.8 0.0 99.8

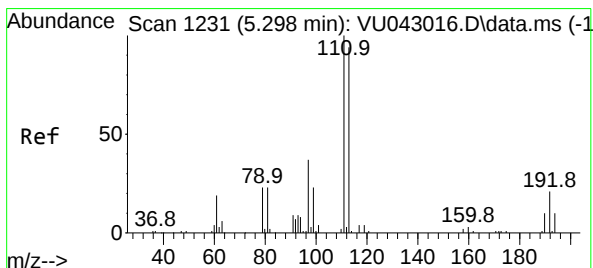
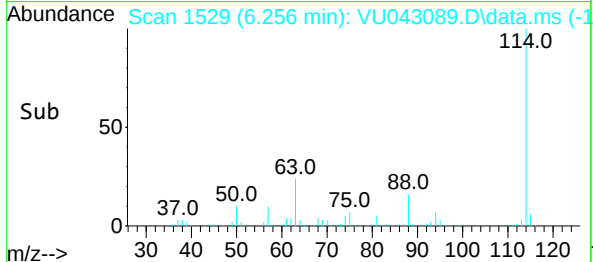
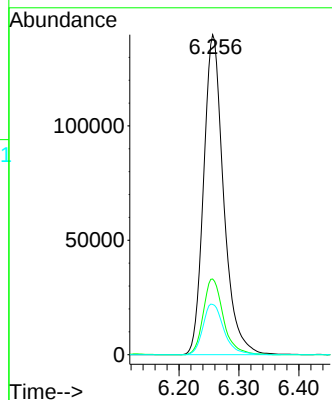
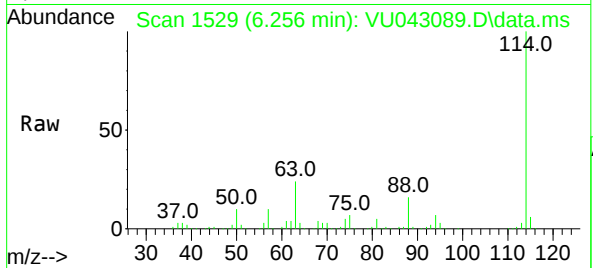




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043089.D
Acq: 14 Apr 2021 13:13

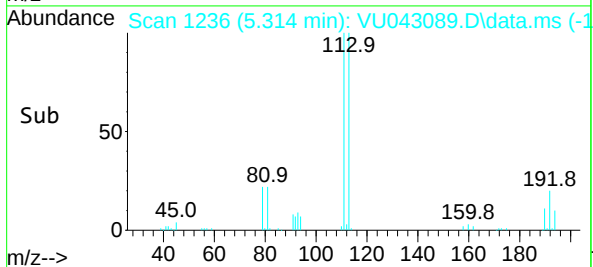
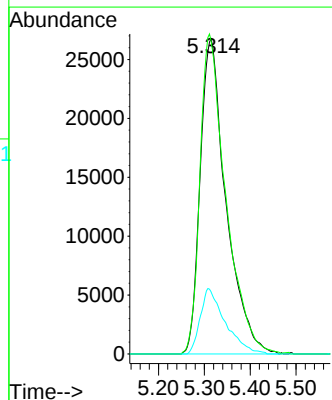
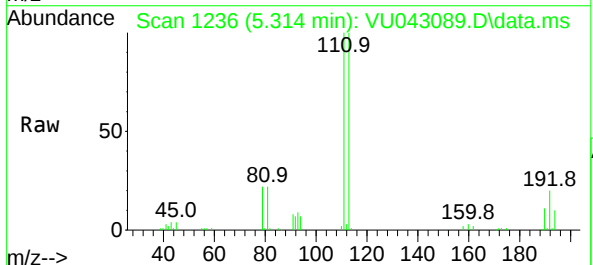
Instrument :
MSVOA_U
ClientSampleId :

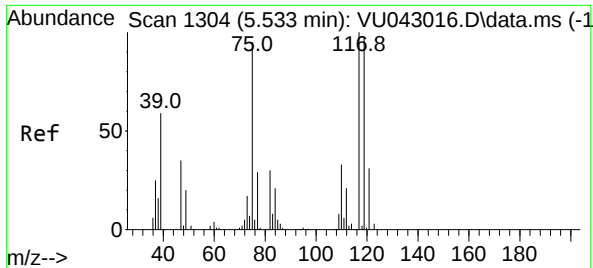
Tgt Ion:114 Resp: 324484
Ion Ratio Lower Upper
114 100
63 23.6 0.0 44.2
88 15.7 0.0 33.4



#35
Dibromofluoromethane
Concen: 42.87 ug/l
RT: 5.314 min Scan# 1236
Delta R.T. 0.016 min
Lab File: VU043089.D
Acq: 14 Apr 2021 13:13

Tgt Ion:113 Resp: 104518
Ion Ratio Lower Upper
113 100
111 101.6 81.8 122.8
192 20.1 17.2 25.8

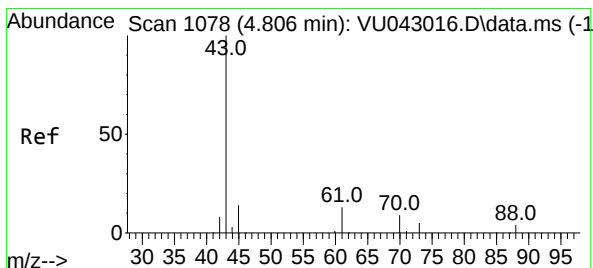
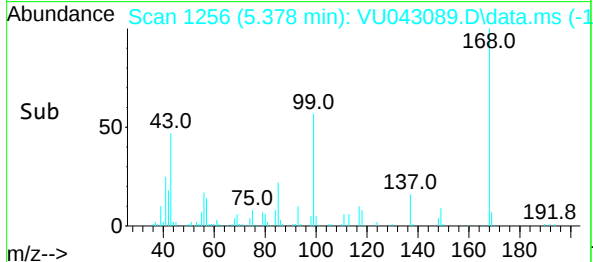
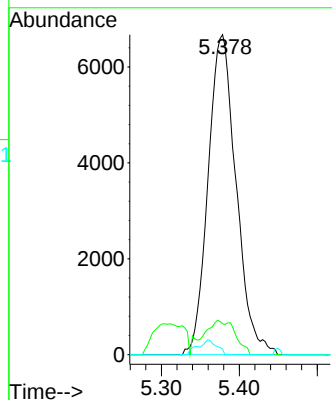
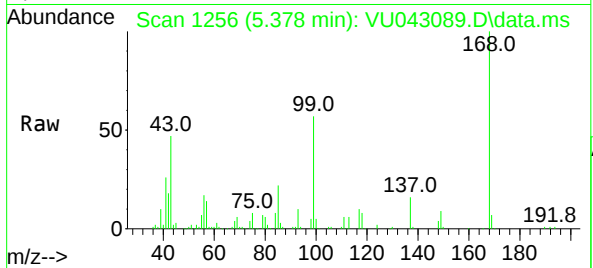




#36
1,1-Dichloropropene
Concen: 4.84 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.155 min
Lab File: VU043089.D
Acq: 14 Apr 2021 13:13

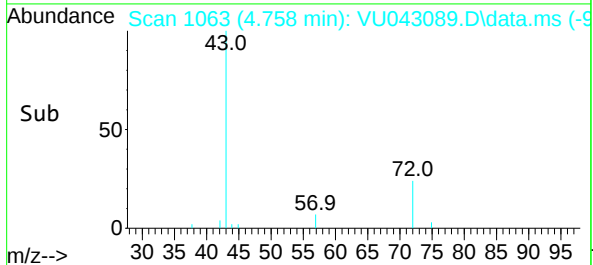
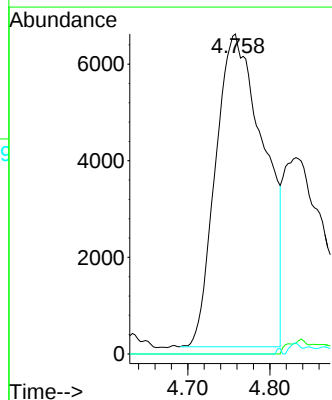
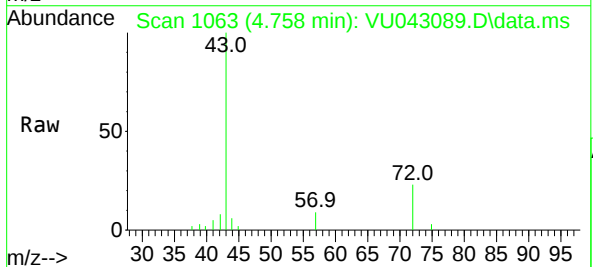
Instrument :
MSVOA_U
ClientSampleId :

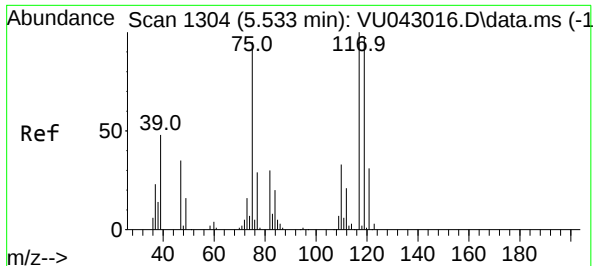
Tgt Ion: 75 Resp: 16666
Ion Ratio Lower Upper
75 100
110 3.3 16.8 50.3#
77 3.1 24.8 37.2#



#37
Ethyl Acetate
Concen: 4.52 ug/l
RT: 4.758 min Scan# 1063
Delta R.T. -0.048 min
Lab File: VU043089.D
Acq: 14 Apr 2021 13:13

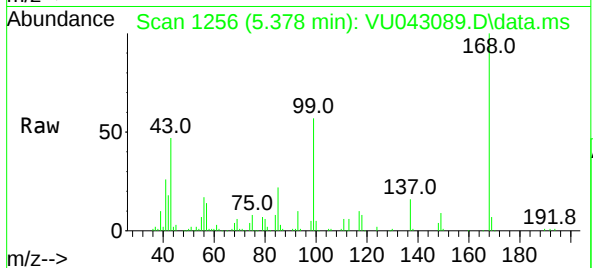
Tgt Ion: 43 Resp: 26585
Ion Ratio Lower Upper
43 100
61 0.0 10.1 15.1#
70 0.0 7.2 10.8#



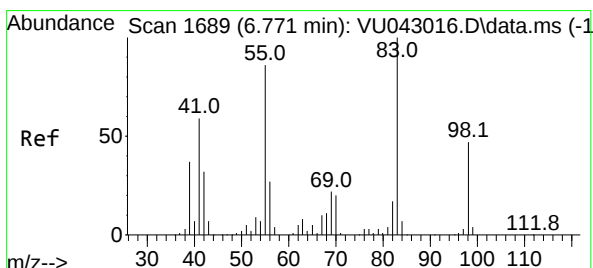
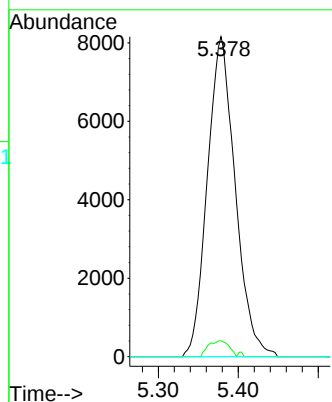
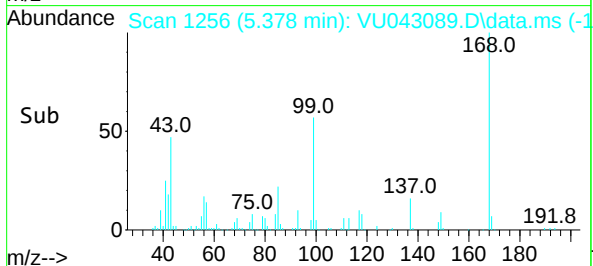


#38
Carbon Tetrachloride
Concen: 5.35 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.155 min
Lab File: VU043089.D
Acq: 14 Apr 2021 13:13

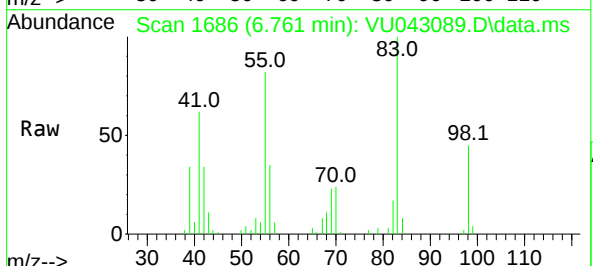
Instrument :
MSVOA_U
ClientSampleId :



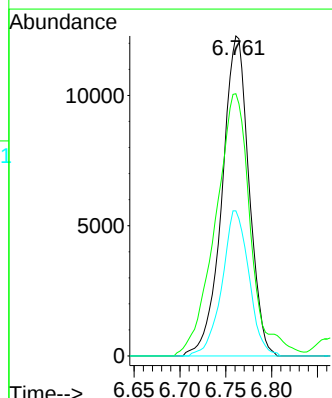
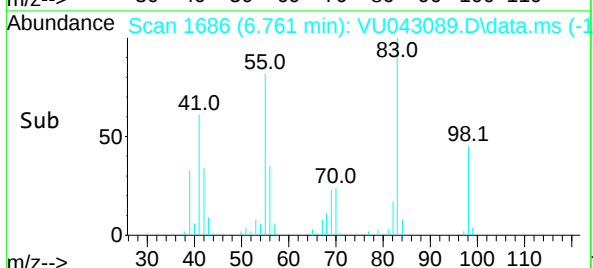
Tgt Ion:117 Resp: 19761
Ion Ratio Lower Upper
117 100
119 4.9 75.5 113.3#
121 0.0 24.7 37.1#

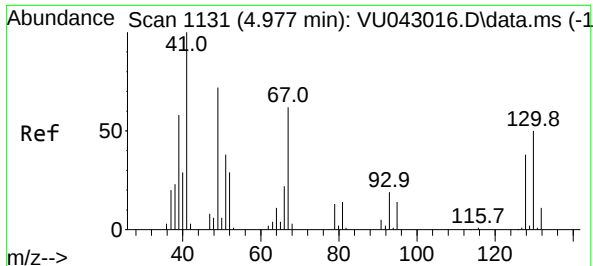


#39
Methylcyclohexane
Concen: 6.63 ug/l
RT: 6.761 min Scan# 1686
Delta R.T. -0.010 min
Lab File: VU043089.D
Acq: 14 Apr 2021 13:13



Tgt Ion: 83 Resp: 25094
Ion Ratio Lower Upper
83 100
55 80.5 66.8 100.2
98 45.4 36.9 55.3





#41

Methacrylonitrile

Concen: 2.24 ug/l

RT: 5.128 min Scan# 1178

Delta R.T. 0.151 min

Lab File: VU043089.D

Acq: 14 Apr 2021 13:13

Tgt Ion: 41 Resp: 6944

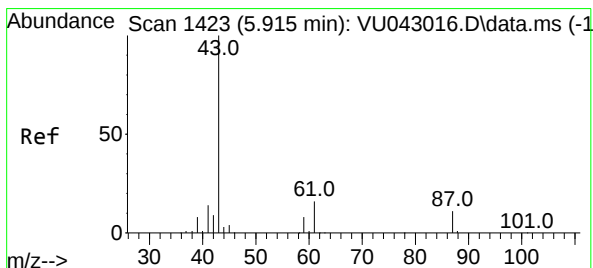
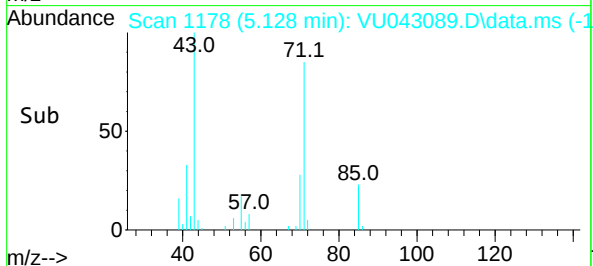
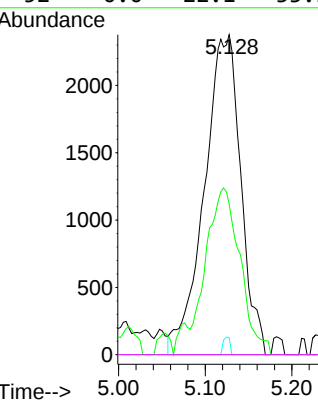
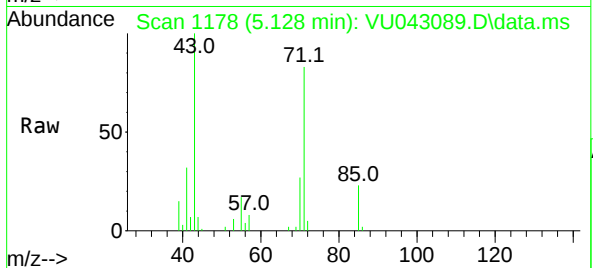
Ion Ratio Lower Upper

41 100

39 48.4 45.1 67.7

67 1.0 50.2 75.2#

52 0.0 22.1 33.1#



#43

Isopropyl Acetate

Concen: 4.68 ug/l

RT: 5.845 min Scan# 1401

Delta R.T. -0.070 min

Lab File: VU043089.D

Acq: 14 Apr 2021 13:13

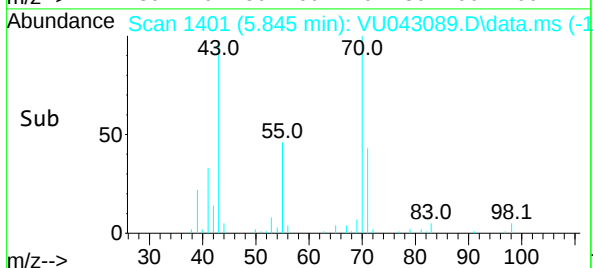
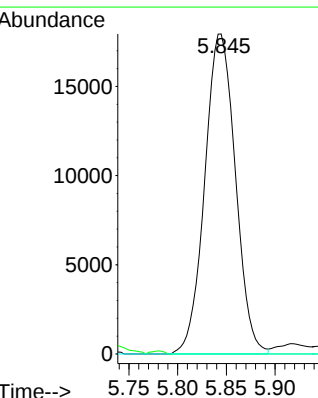
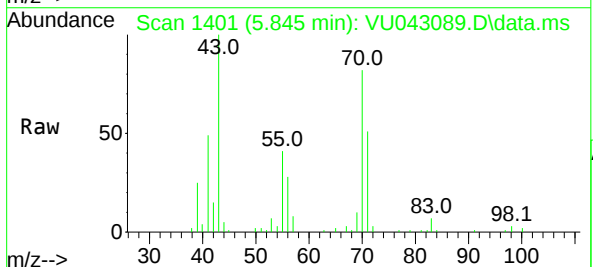
Tgt Ion: 43 Resp: 39316

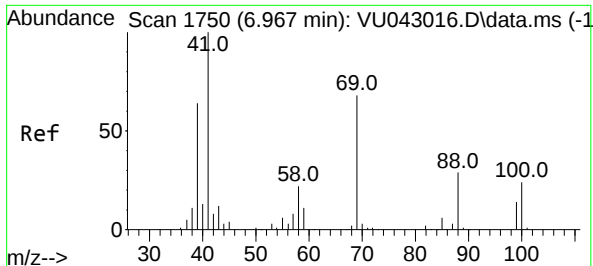
Ion Ratio Lower Upper

43 100

61 0.0 14.4 21.6#

87 0.0 8.8 13.2#





#48

Methyl methacrylate

Concen: 1.82 ug/l

RT: 6.980 min Scan# 1754

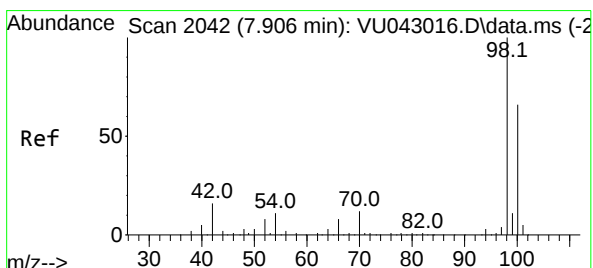
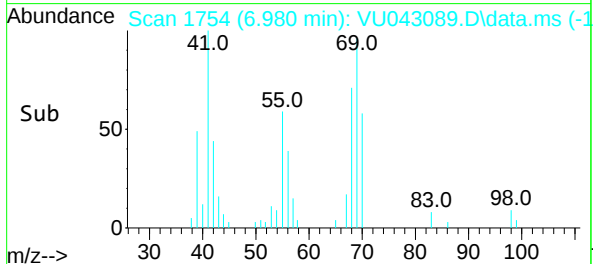
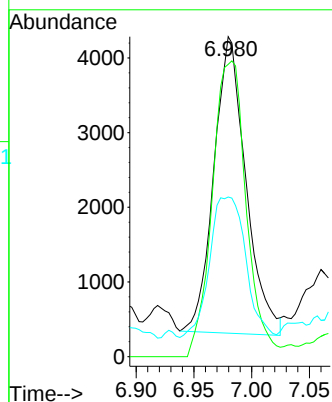
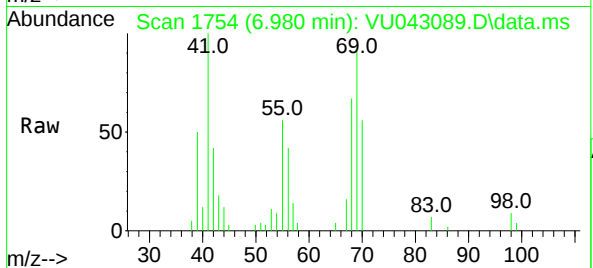
Delta R.T. 0.013 min

Lab File: VU043089.D

Acq: 14 Apr 2021 13:13

Tgt Ion: 41 Resp: 7651

Ion	Ratio	Lower	Upper
41	100		
69	105.4	57.0	85.6#
39	53.3	48.4	72.6



#50

Toluene-d8

Concen: 47.51 ug/l

RT: 7.909 min Scan# 2043

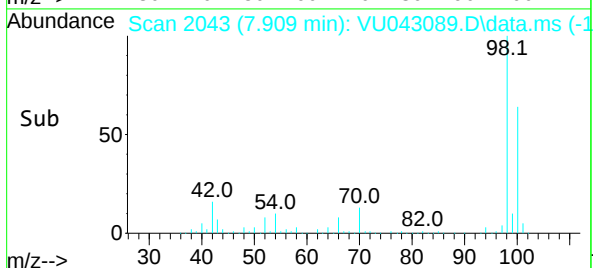
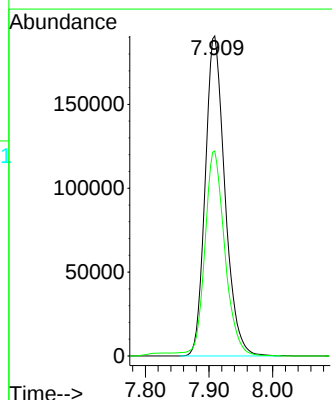
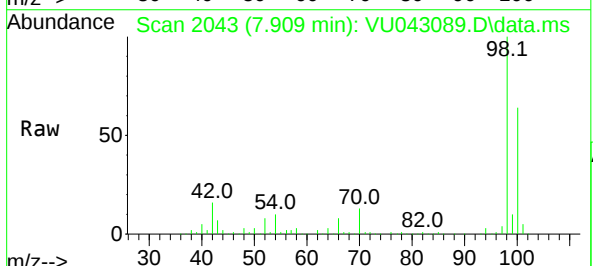
Delta R.T. 0.003 min

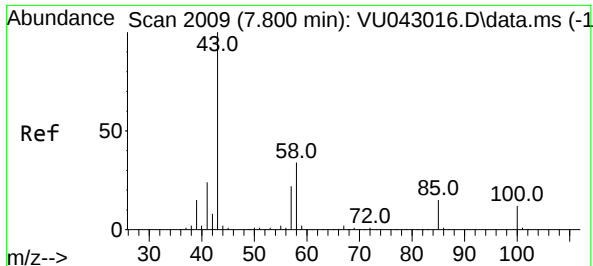
Lab File: VU043089.D

Acq: 14 Apr 2021 13:13

Tgt Ion: 98 Resp: 409925

Ion	Ratio	Lower	Upper
98	100		
100	64.8	50.2	75.2

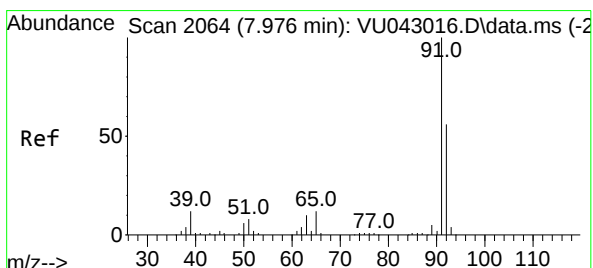
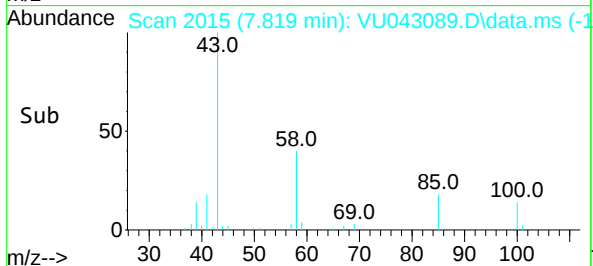
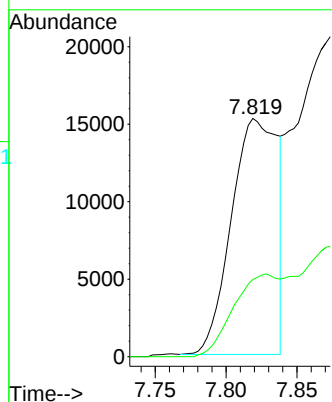
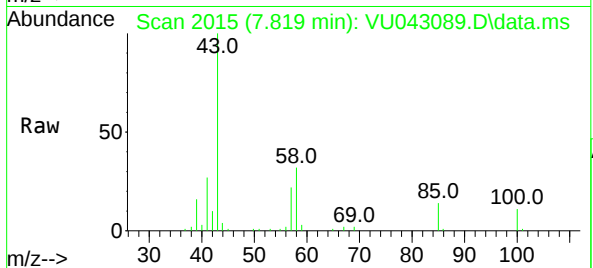




#51
4-Methyl-2-Pentanone
Concen: 5.54 ug/l
RT: 7.819 min Scan# 2015
Delta R.T. 0.019 min
Lab File: VU043089.D
Acq: 14 Apr 2021 13:13

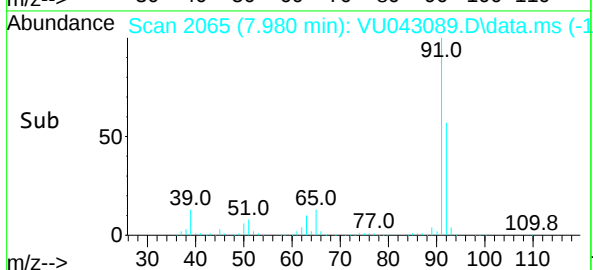
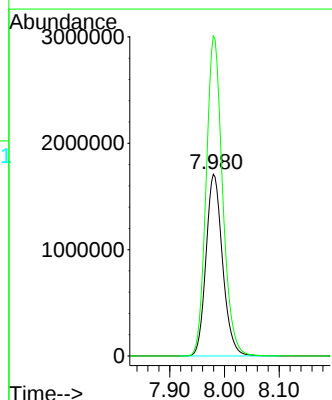
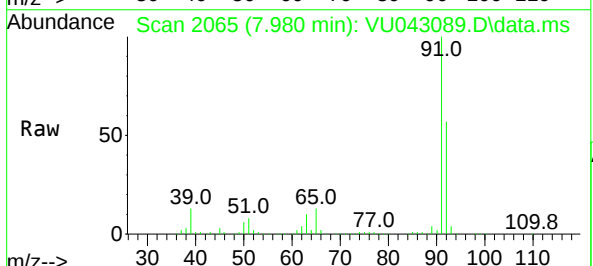
Instrument :
MSVOA_U
ClientSampled :

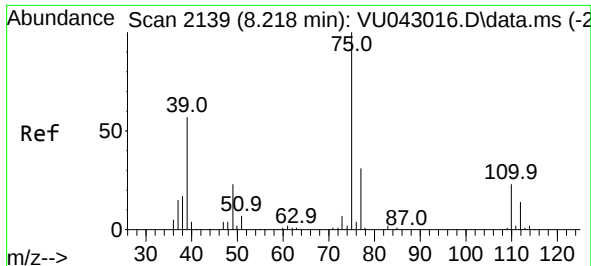
Tgt Ion: 43 Resp: 34426
Ion Ratio Lower Upper
43 100
58 34.3 28.1 42.1



#52
Toluene
Concen: 587.62 ug/l
RT: 7.980 min Scan# 2065
Delta R.T. 0.004 min
Lab File: VU043089.D
Acq: 14 Apr 2021 13:13

Tgt Ion: 92 Resp: 3583241
Ion Ratio Lower Upper
92 100
91 174.9 140.3 210.5





#53

t-1,3-Dichloropropene

Concen: 10.95 ug/l

RT: 7.980 min Scan# 2065

Delta R.T. -0.238 min

Lab File: VU043089.D

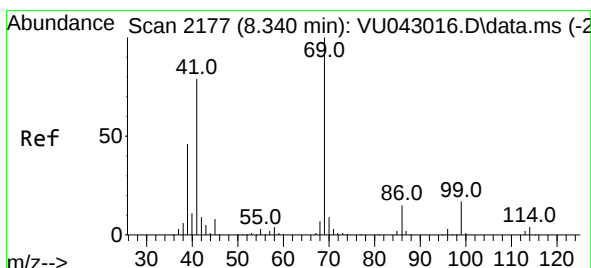
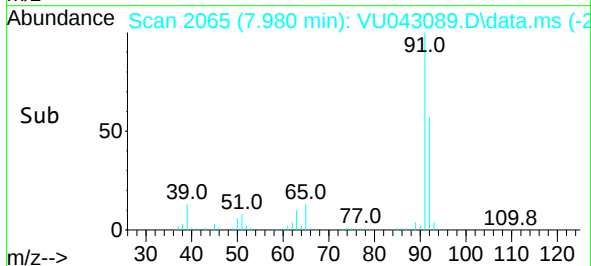
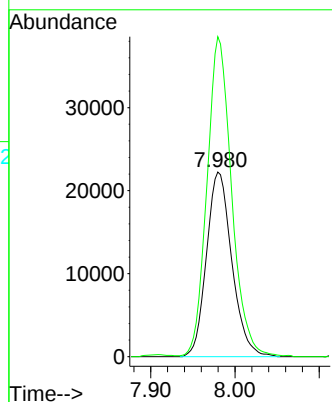
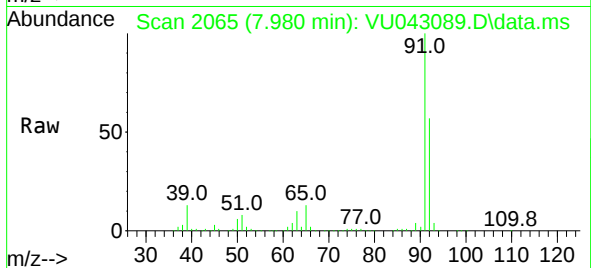
Acq: 14 Apr 2021 13:13

Tgt Ion: 75 Resp: 46515

Ion Ratio Lower Upper

75 100

77 172.7 25.6 38.4#



#56

Ethyl methacrylate

Concen: 0.31 ug/l

RT: 8.324 min Scan# 2172

Delta R.T. -0.016 min

Lab File: VU043089.D

Acq: 14 Apr 2021 13:13

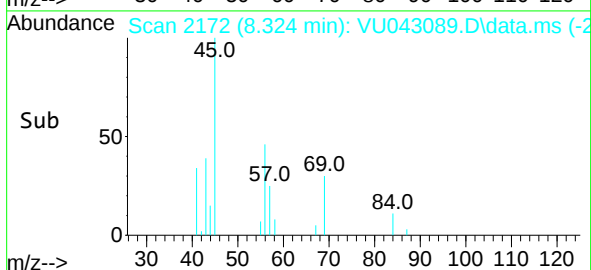
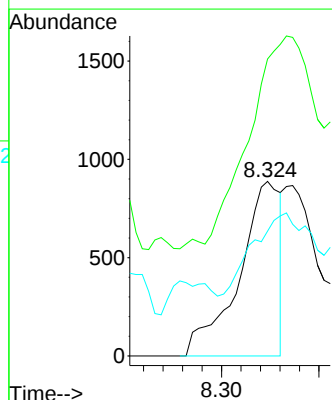
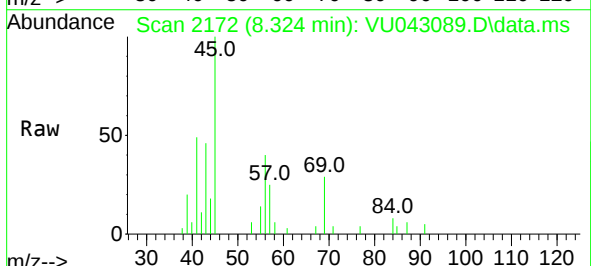
Tgt Ion: 69 Resp: 1307

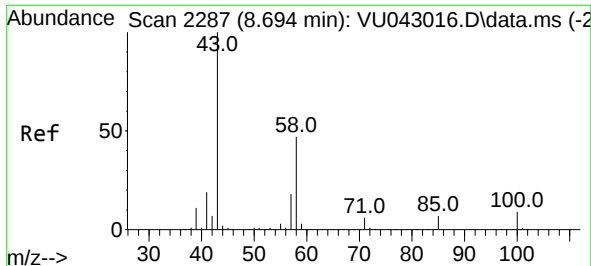
Ion Ratio Lower Upper

69 100

41 183.9 62.8 94.2#

39 64.3 36.2 54.2#

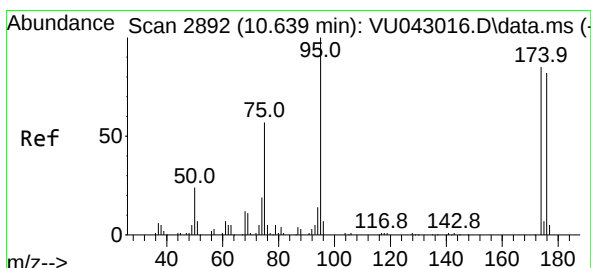
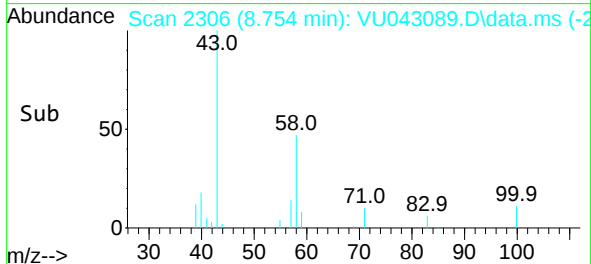
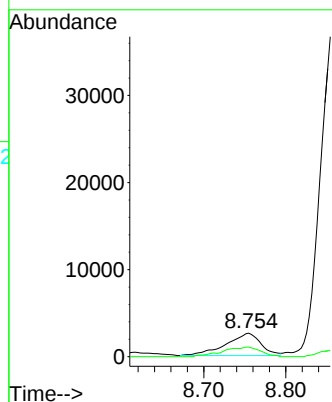
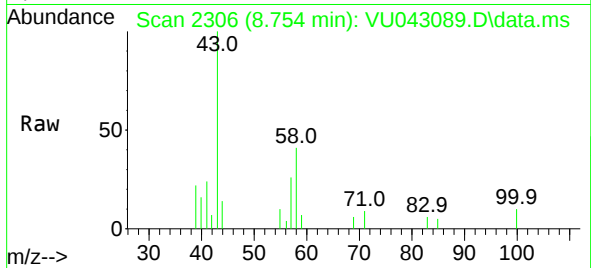




#59
2-Hexanone
Concen: 1.48 ug/l
RT: 8.754 min Scan# 2306
Delta R.T. 0.060 min
Lab File: VU043089.D
Acq: 14 Apr 2021 13:13

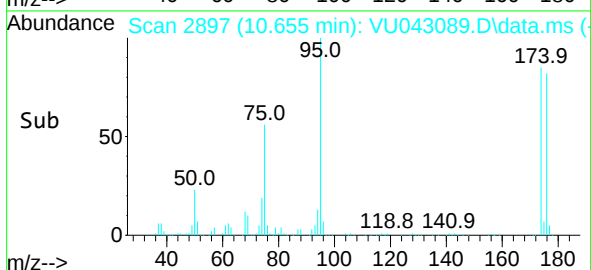
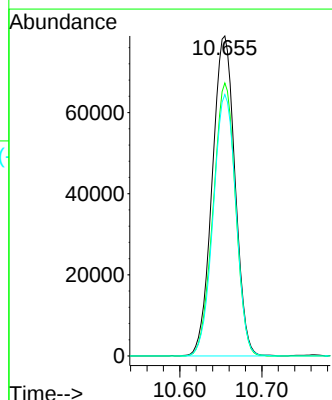
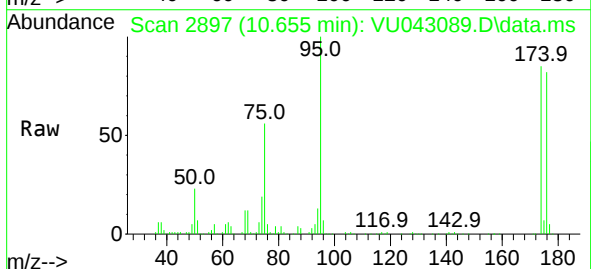
Instrument :
MSVOA_U
ClientSampled :

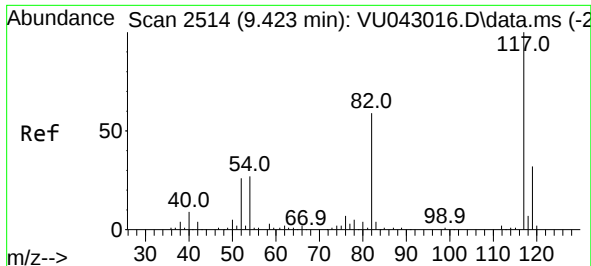
Tgt Ion: 43 Resp: 7552
Ion Ratio Lower Upper
43 100
58 47.3 24.0 72.0



#62
4-Bromofluorobenzene
Concen: 44.07 ug/l
RT: 10.655 min Scan# 2897
Delta R.T. 0.016 min
Lab File: VU043089.D
Acq: 14 Apr 2021 13:13

Tgt Ion: 95 Resp: 152270
Ion Ratio Lower Upper
95 100
174 83.8 0.0 172.2
176 81.3 0.0 168.8

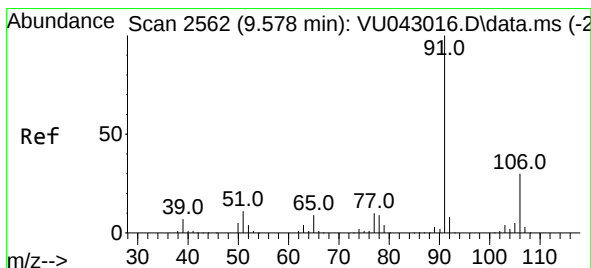
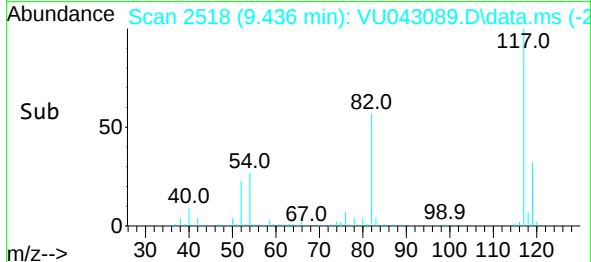
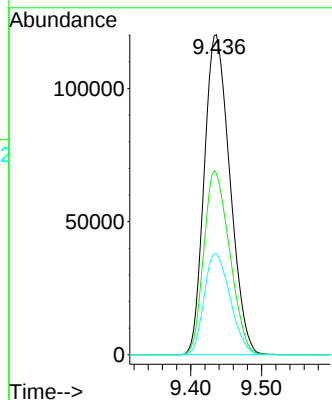
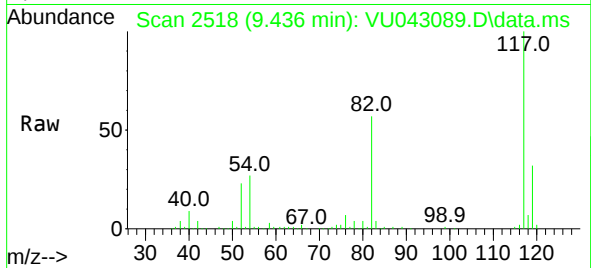




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.436 min Scan# 2518
Delta R.T. 0.013 min
Lab File: VU043089.D
Acq: 14 Apr 2021 13:13

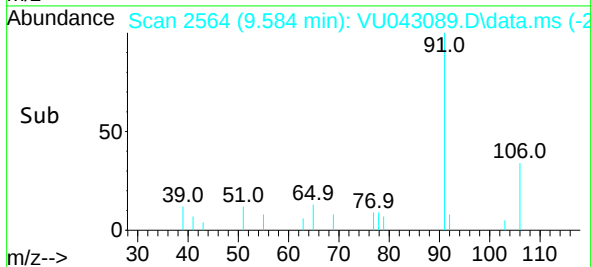
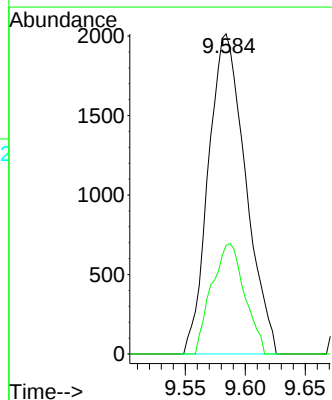
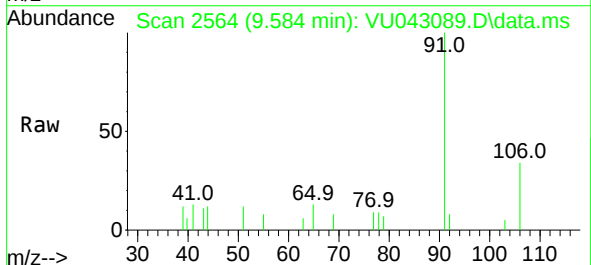
Instrument :
MSVOA_U
ClientSampleId :

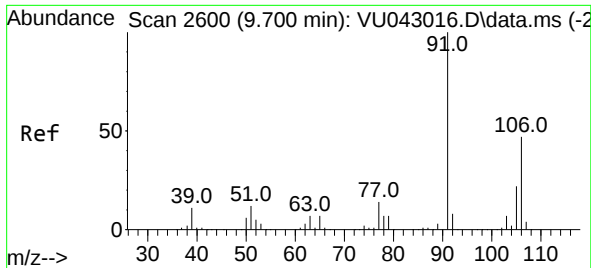
Tgt Ion:117 Resp: 302654
Ion Ratio Lower Upper
117 100
82 56.6 45.8 68.6
119 31.5 25.8 38.8



#67
Ethyl Benzene
Concen: 0.37 ug/l
RT: 9.584 min Scan# 2564
Delta R.T. 0.006 min
Lab File: VU043089.D
Acq: 14 Apr 2021 13:13

Tgt Ion: 91 Resp: 4335
Ion Ratio Lower Upper
91 100
106 34.0 24.1 36.1

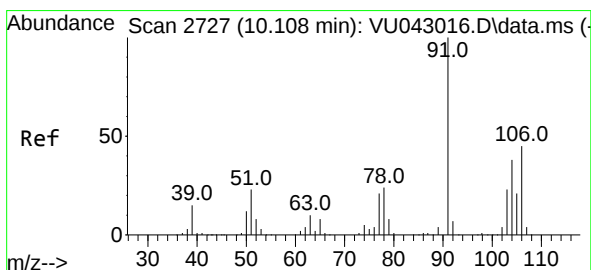
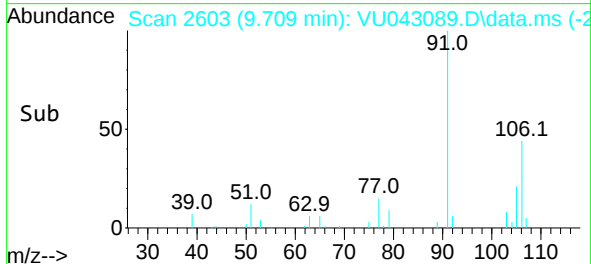
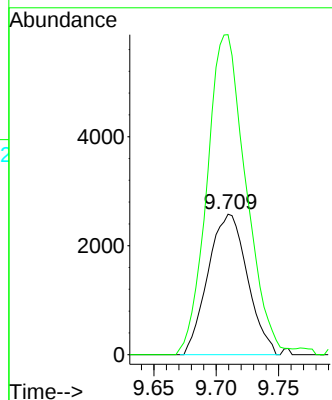
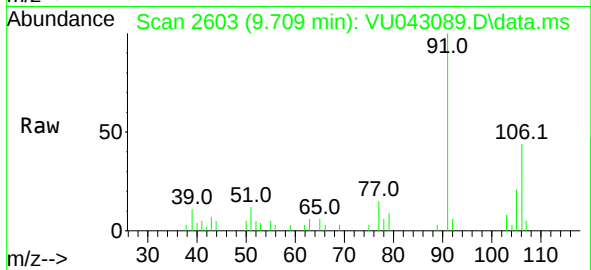




#68
m/p-Xylenes
Concen: 1.31 ug/l
RT: 9.709 min Scan# 2603
Delta R.T. 0.009 min
Lab File: VU043089.D
Acq: 14 Apr 2021 13:13

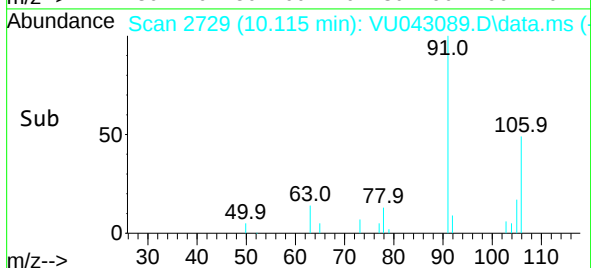
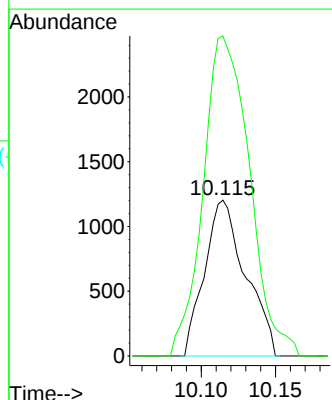
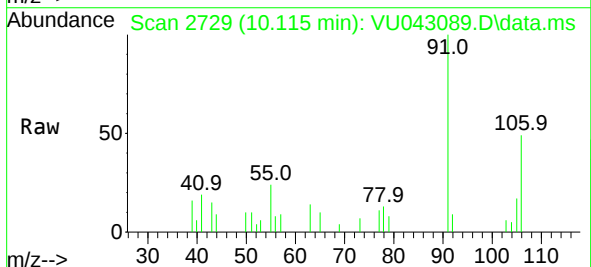
Instrument :
MSVOA_U
ClientSampled :

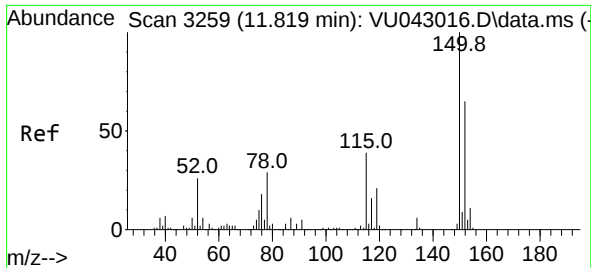
Tgt Ion:106 Resp: 5658
Ion Ratio Lower Upper
106 100
91 225.4 169.9 254.9



#69
o-Xylene
Concen: 0.55 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.007 min
Lab File: VU043089.D
Acq: 14 Apr 2021 13:13

Tgt Ion:106 Resp: 2315
Ion Ratio Lower Upper
106 100
91 231.7 111.2 333.6

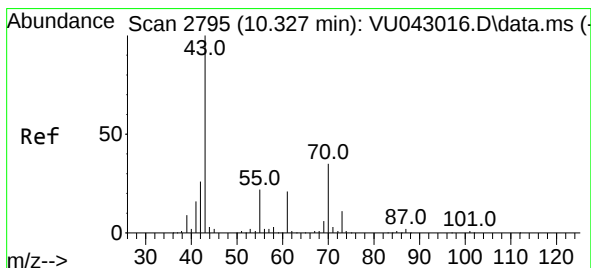
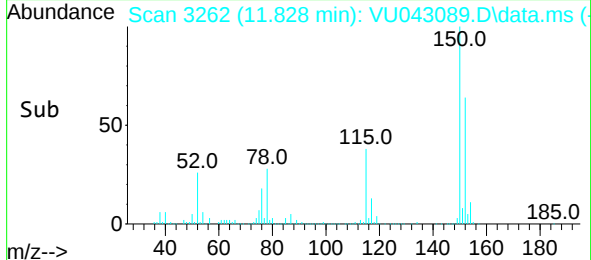
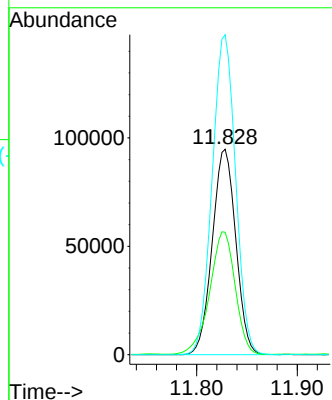
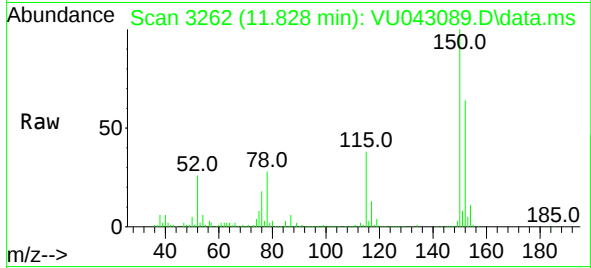




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.828 min Scan# 3262
Delta R.T. 0.009 min
Lab File: VU043089.D
Acq: 14 Apr 2021 13:13

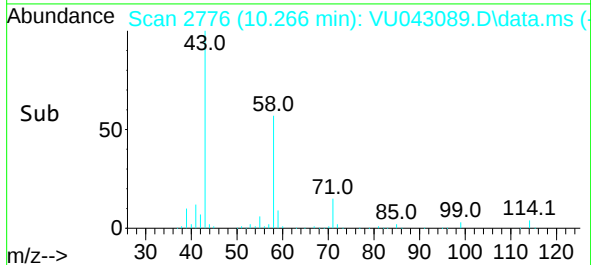
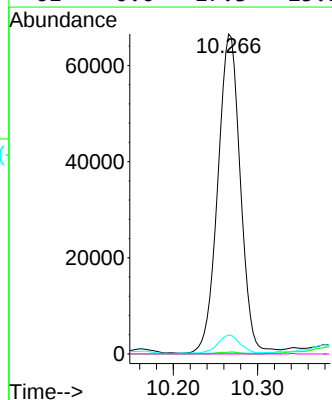
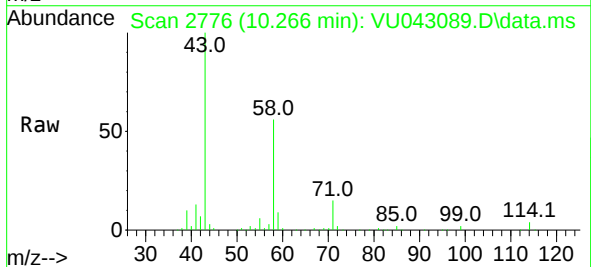
Instrument :
MSVOA_U
ClientSampleId :

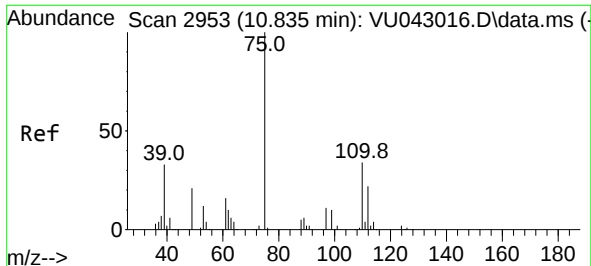
Tgt Ion:152 Resp: 154243
Ion Ratio Lower Upper
152 100
115 64.4 41.5 124.6
150 155.0 0.0 342.4



#74
N-ethyl acetate
Concen: 18.50 ug/l
RT: 10.266 min Scan# 2776
Delta R.T. -0.061 min
Lab File: VU043089.D
Acq: 14 Apr 2021 13:13

Tgt Ion: 43 Resp: 123056
Ion Ratio Lower Upper
43 100
70 0.6 28.3 42.5#
55 5.5 17.2 25.8#
61 0.0 17.3 25.9#

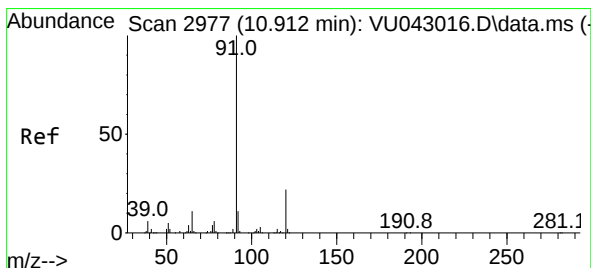
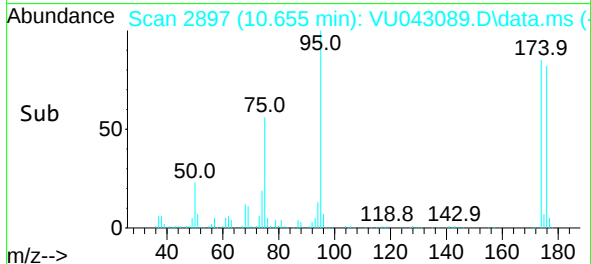
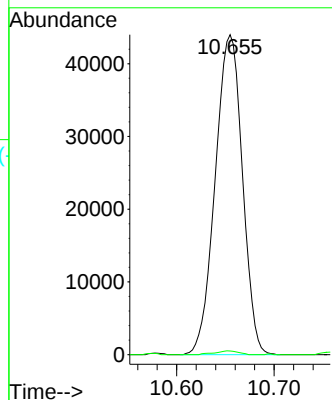
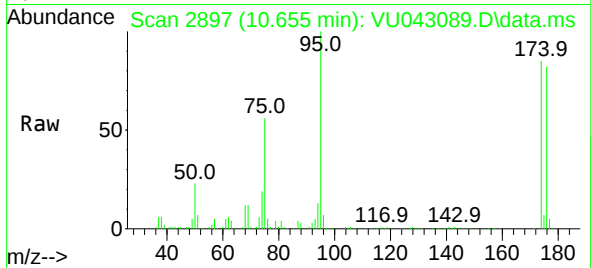




#76
1,2,3-Trichloropropane
Concen: 18.92 ug/l
RT: 10.655 min Scan# 2897
Delta R.T. -0.180 min
Lab File: VU043089.D
Acq: 14 Apr 2021 13:13

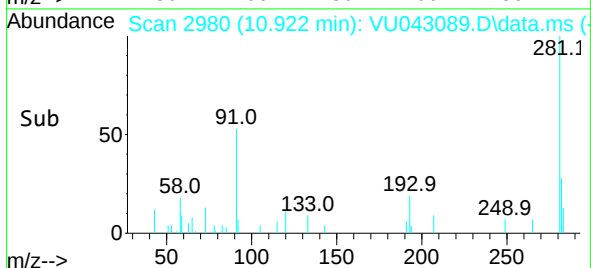
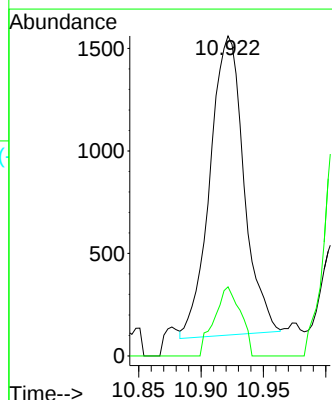
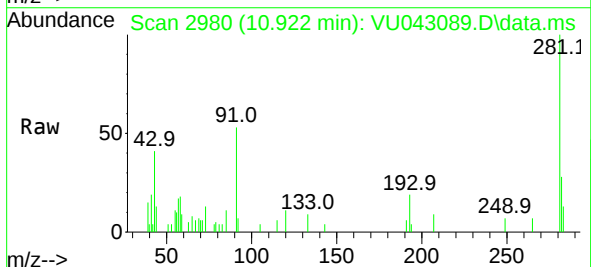
Instrument :
MSVOA_U
ClientSampled :

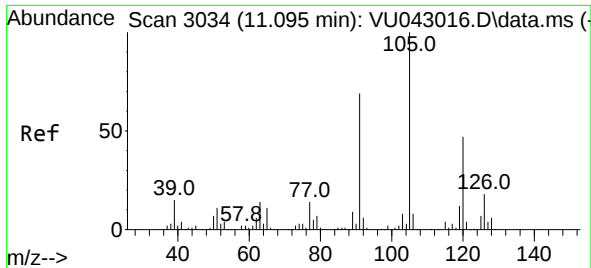
Tgt Ion: 75 Resp: 85282
Ion Ratio Lower Upper
75 100
77 1.0 20.2 60.5#



#78
n-propylbenzene
Concen: 0.22 ug/l
RT: 10.922 min Scan# 2980
Delta R.T. 0.010 min
Lab File: VU043089.D
Acq: 14 Apr 2021 13:13

Tgt Ion: 91 Resp: 2769
Ion Ratio Lower Upper
91 100
120 17.8 11.2 33.6

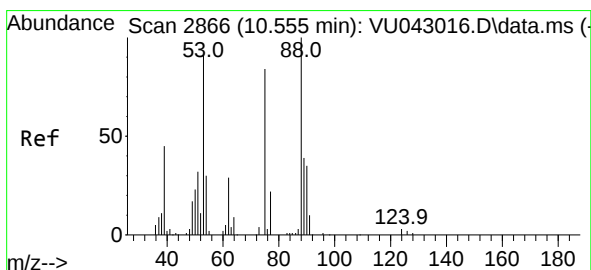
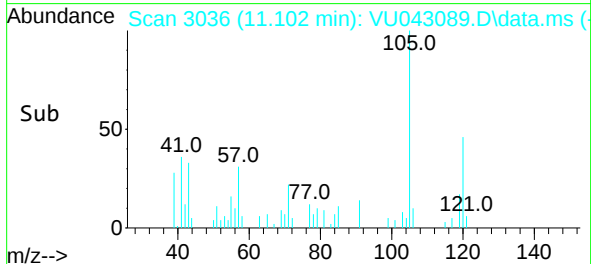
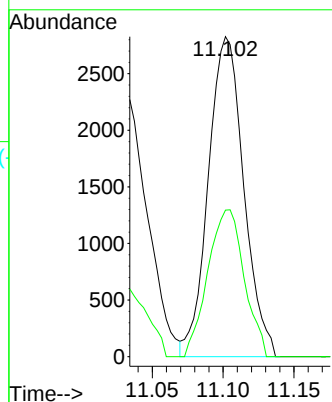
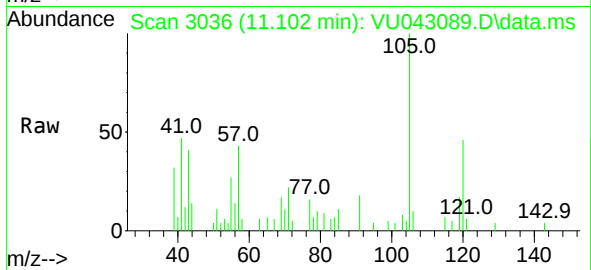




#80
1,3,5-Trimethylbenzene
Concen: 0.54 ug/l
RT: 11.102 min Scan# 3036
Delta R.T. 0.007 min
Lab File: VU043089.D
Acq: 14 Apr 2021 13:13

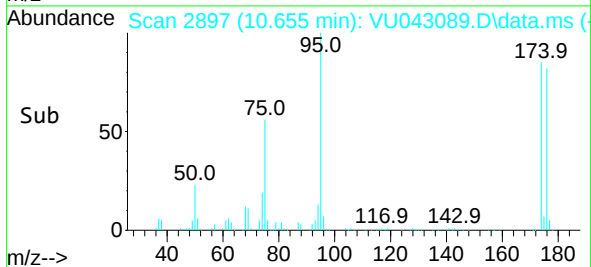
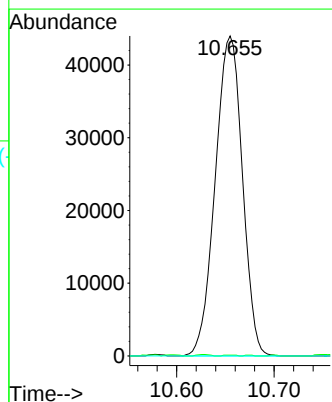
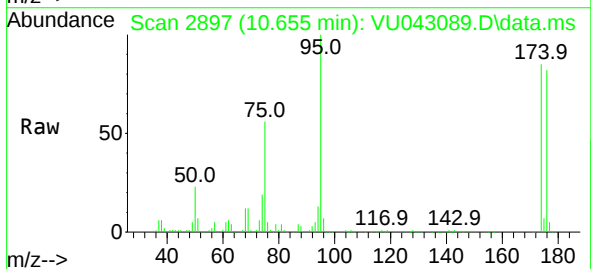
Instrument :
MSVOA_U
ClientSampled :

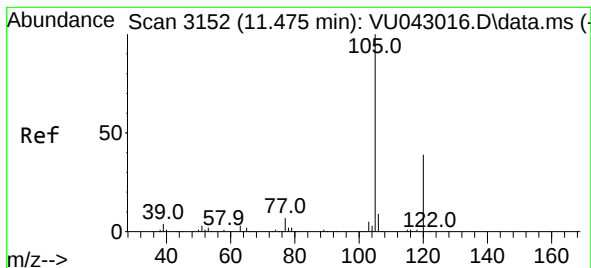
Tgt Ion:105 Resp: 4912
Ion Ratio Lower Upper
105 100
120 47.1 23.8 71.4



#81
trans-1,4-Dichloro-2-butene
Concen: 55.60 ug/l
RT: 10.655 min Scan# 2897
Delta R.T. 0.100 min
Lab File: VU043089.D
Acq: 14 Apr 2021 13:13

Tgt Ion: 75 Resp: 85282
Ion Ratio Lower Upper
75 100
53 0.1 85.6 128.4#
89 0.0 35.7 53.5#

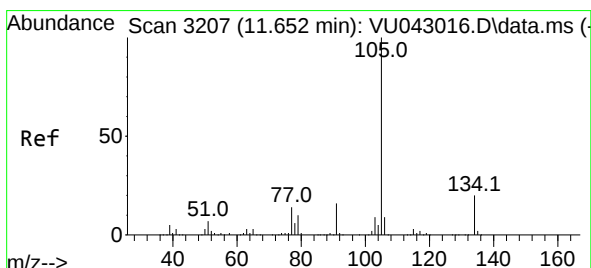
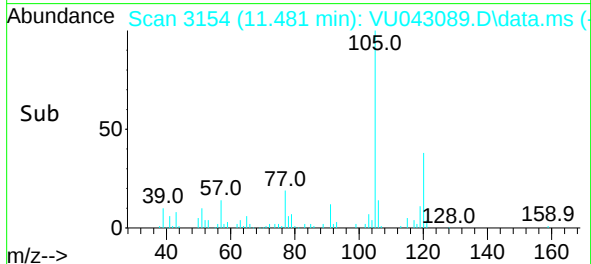
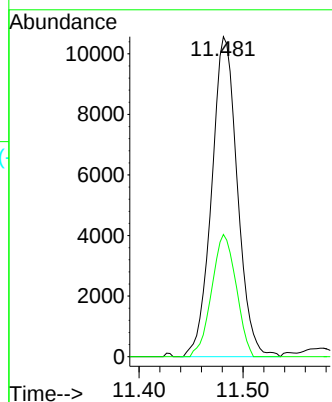
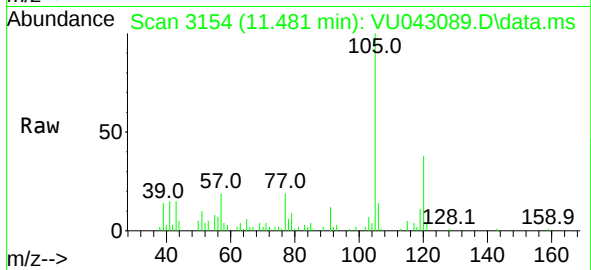




#84
1,2,4-Trimethylbenzene
Concen: 1.93 ug/l
RT: 11.481 min Scan# 3154
Delta R.T. 0.006 min
Lab File: VU043089.D
Acq: 14 Apr 2021 13:13

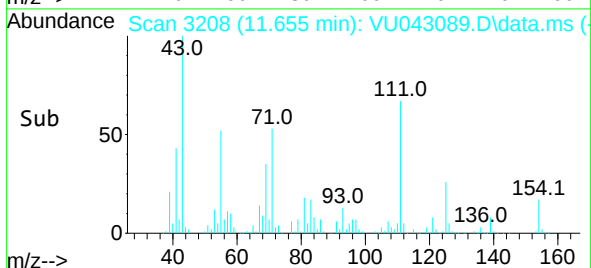
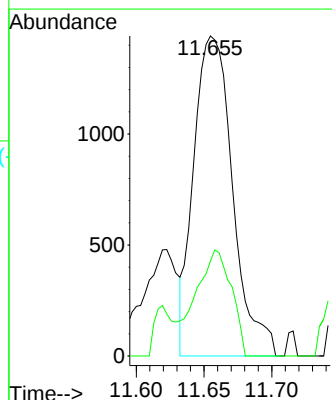
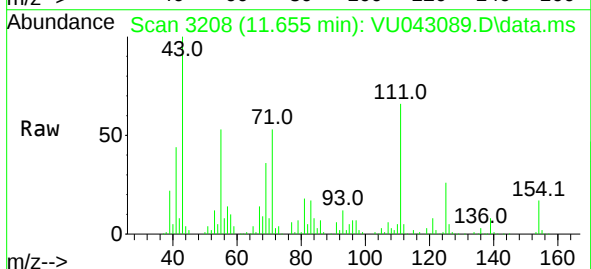
Instrument :
MSVOA_U
ClientSampled :

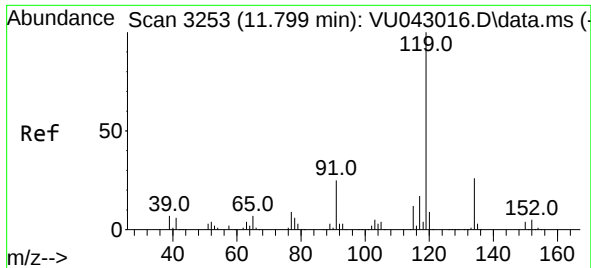
Tgt Ion:105 Resp: 18165
Ion Ratio Lower Upper
105 100
120 36.2 22.3 66.8



#85
sec-Butylbenzene
Concen: 0.27 ug/l
RT: 11.655 min Scan# 3208
Delta R.T. 0.003 min
Lab File: VU043089.D
Acq: 14 Apr 2021 13:13

Tgt Ion:105 Resp: 2883
Ion Ratio Lower Upper
105 100
134 0.0 10.0 30.0#

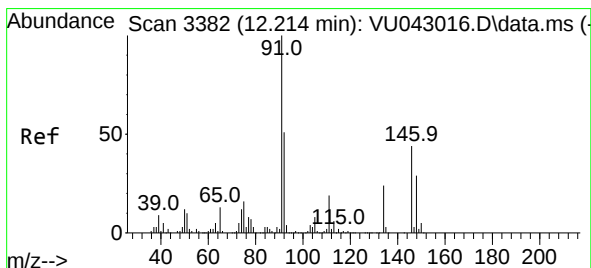
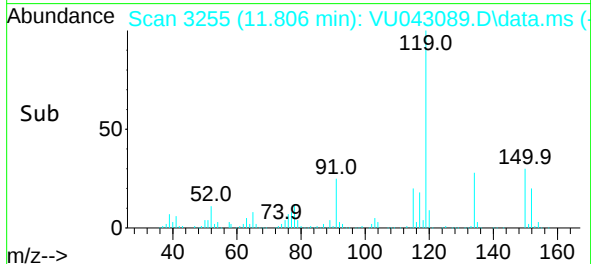
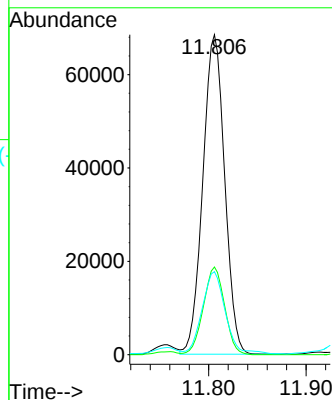
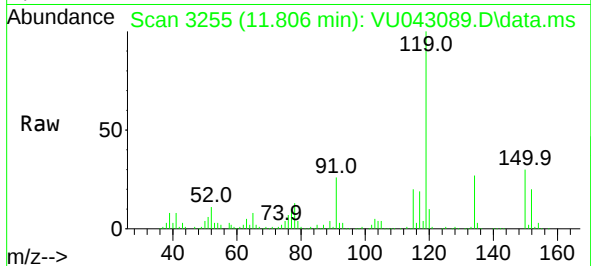




#86
p-Isopropyltoluene
Concen: 10.99 ug/l
RT: 11.806 min Scan# 3255
Delta R.T. 0.007 min
Lab File: VU043089.D
Acq: 14 Apr 2021 13:13

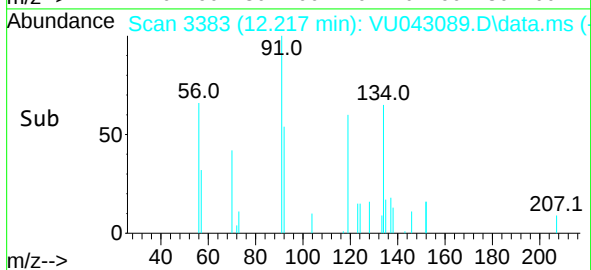
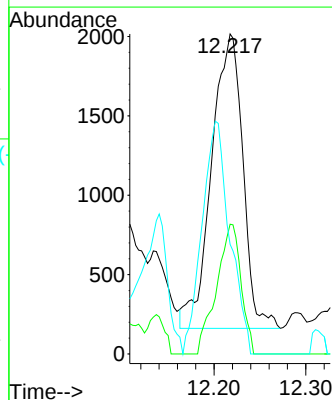
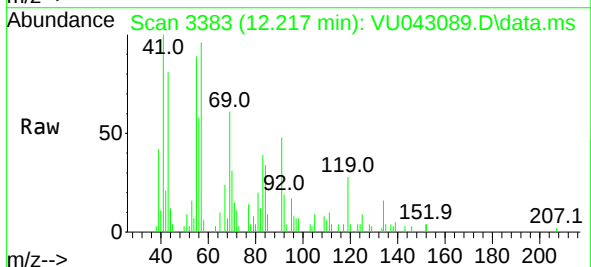
Instrument :
MSVOA_U
ClientSampleId :

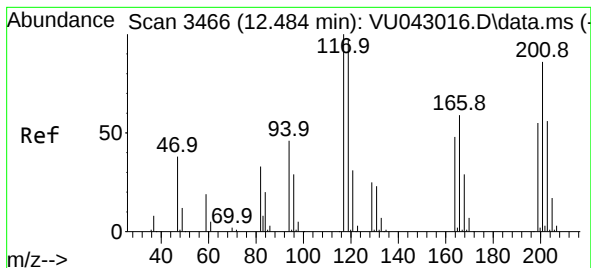
Tgt Ion:119 Resp: 106568
Ion Ratio Lower Upper
119 100
134 26.7 13.2 39.6
91 27.1 12.8 38.3



#89
n-Butylbenzene
Concen: 0.49 ug/l
RT: 12.217 min Scan# 3383
Delta R.T. 0.003 min
Lab File: VU043089.D
Acq: 14 Apr 2021 13:13

Tgt Ion: 91 Resp: 4405
Ion Ratio Lower Upper
91 100
92 34.3 26.2 78.6
134 69.7 12.7 38.1#





#90

Hexachloroethane

Concen: 0.34 ug/l

RT: 12.475 min Scan# 3463

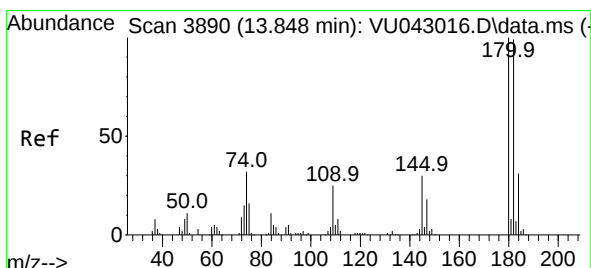
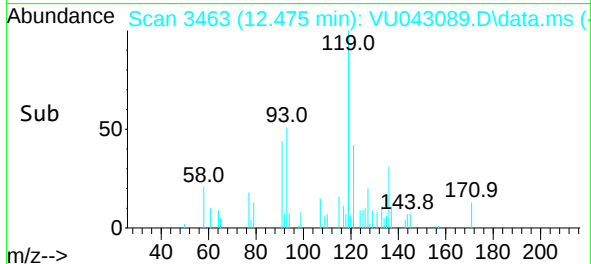
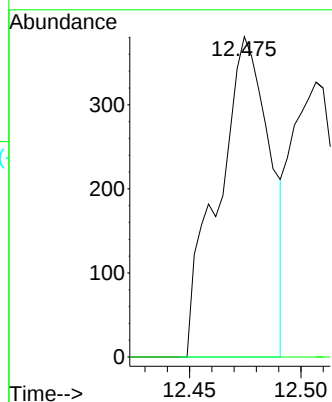
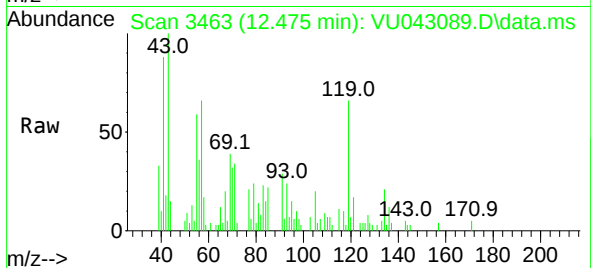
Delta R.T. -0.009 min

Lab File: VU043089.D

Acq: 14 Apr 2021 13:13

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:117 Resp: 617
Ion Ratio Lower Upper
117 100
201 0.0 43.5 130.7#



#93

1,2,4-Trichlorobenzene

Concen: 1.69 ug/l

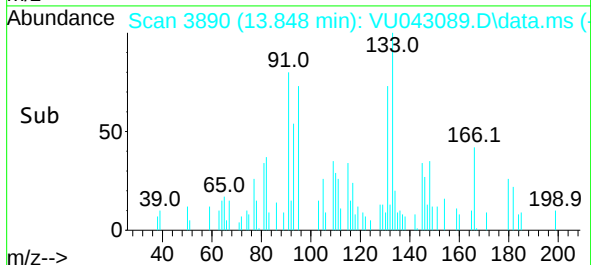
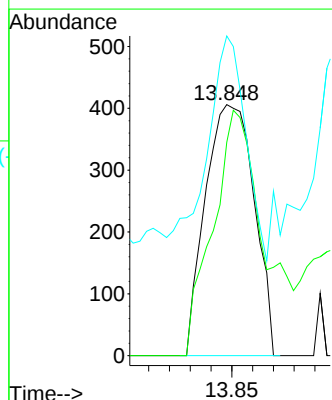
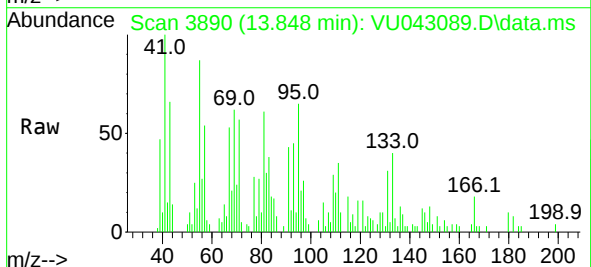
RT: 13.848 min Scan# 3890

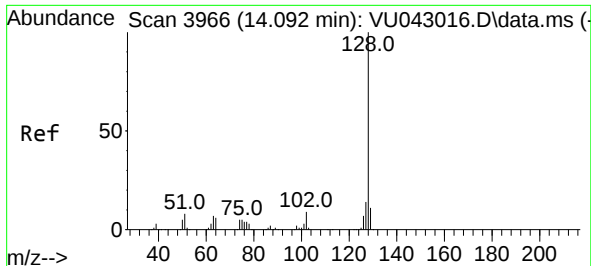
Delta R.T. -0.000 min

Lab File: VU043089.D

Acq: 14 Apr 2021 13:13

Tgt Ion:180 Resp: 662
Ion Ratio Lower Upper
180 100
182 101.4 46.9 140.8
145 66.2 14.4 43.4#

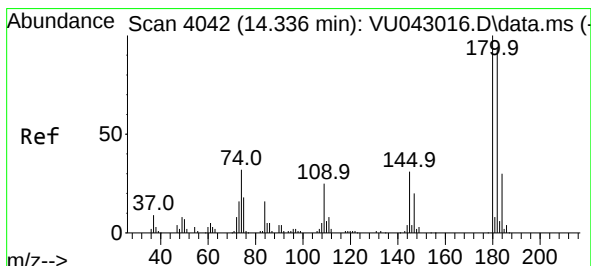
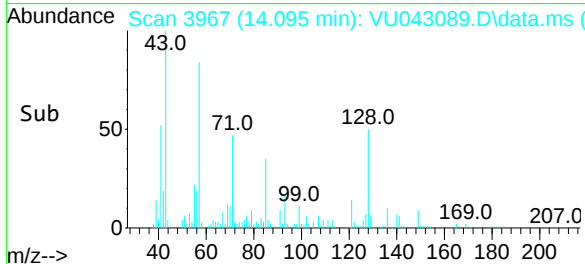
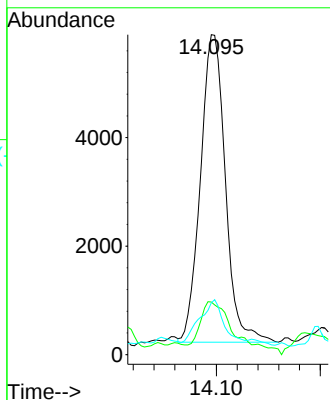
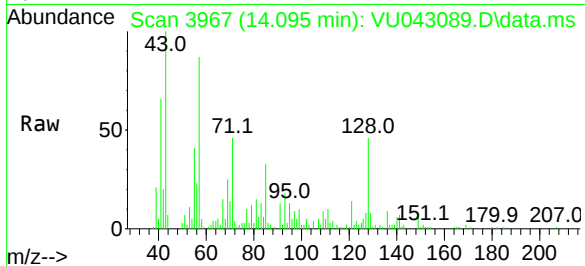




#95
Naphthalene
Concen: 3.54 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU043089.D
Acq: 14 Apr 2021 13:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 9455
Ion Ratio Lower Upper
128 100
127 24.1 10.8 16.2#
129 13.0 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 1.65 ug/l
RT: 14.150 min Scan# 3984
Delta R.T. -0.186 min
Lab File: VU043089.D
Acq: 14 Apr 2021 13:13

Tgt Ion:180 Resp: 668
Ion Ratio Lower Upper
180 100
182 106.9 48.0 144.0
145 41.2 15.5 46.5

