

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041621\
 Data File : VU043164.D
 Acq On : 16 Apr 2021 13:33
 Operator : SY/MD
 Sample : M2061-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EB-01-041521

Quant Time: Apr 17 02:30:49 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)

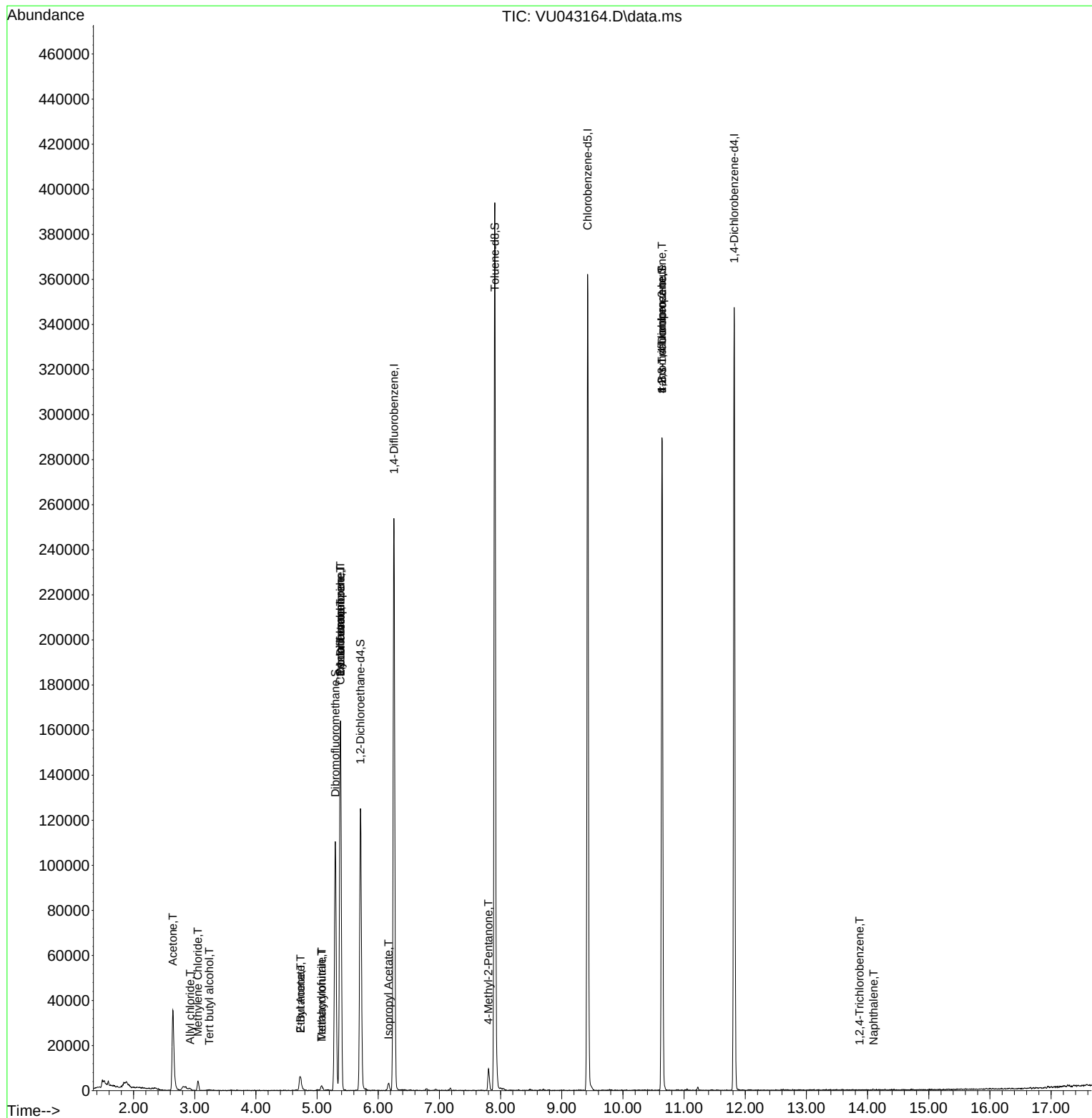
Internal Standards						
1) Pentafluorobenzene	5.382	168	111585	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	186834	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	177963	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	83925	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	96579	51.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.98%	
35) Dibromofluoromethane	5.298	113	66397	47.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.58%	
50) Toluene-d8	7.906	98	237246	47.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.52%	
62) 4-Bromofluorobenzene	10.639	95	85792	43.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.26%	
Target Compounds					Qvalue	
3) Chloromethane	1.520	50	348	Below Cal	#	76
11) Tert butyl alcohol	3.240	59	314	0.65 ug/l	#	94
14) Allyl chloride	2.925	41	774	0.31 ug/l	#	25
16) Acetone	2.642	43	51449	46.36 ug/l		97
20) Methylene Chloride	3.051	84	1827	1.37 ug/l	#	86
25) 2-Butanone	4.729	43	12025	7.06 ug/l		91
29) Tetrahydrofuran	5.073	42	1402	1.31 ug/l	#	83
31) Cyclohexane	5.382	56	3335	1.44 ug/l	#	44
36) 1,1-Dichloropropene	5.382	75	9398	4.74 ug/l	#	49
37) Ethyl Acetate	4.729	43	12025	3.55 ug/l	#	71
38) Carbon Tetrachloride	5.379	117	11497	5.41 ug/l	#	17
41) Methacrylonitrile	5.076	41	814	0.46 ug/l	#	36
43) Isopropyl Acetate	6.166	43	4347	0.90 ug/l	#	64
51) 4-Methyl-2-Pentanone	7.803	43	7211	2.02 ug/l		95
76) 1,2,3-Trichloropropane	10.639	75	48020	19.58 ug/l	#	36
81) trans-1,4-Dichloro-2-b...	10.639	75	48020	57.54 ug/l	#	7
93) 1,2,4-Trichlorobenzene	13.870	180	20	1.52 ug/l	#	13
95) Naphthalene	14.099	128	271	2.78 ug/l	#	69

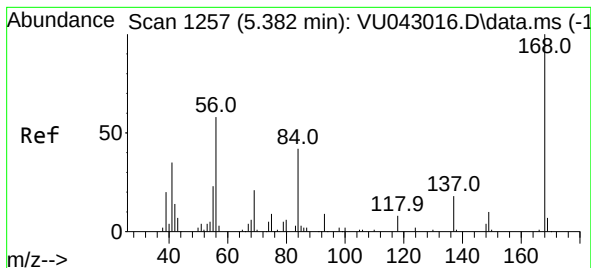
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 17 02:30:49 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

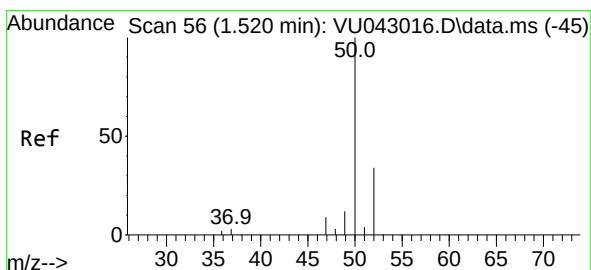
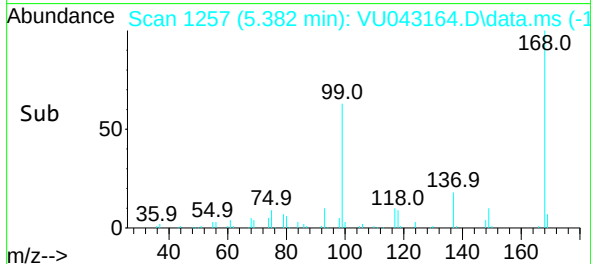
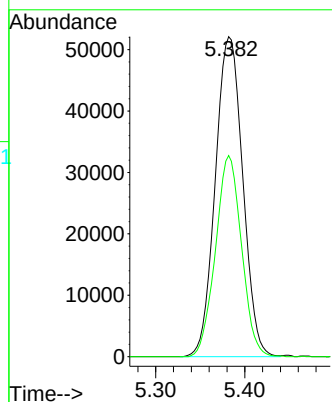
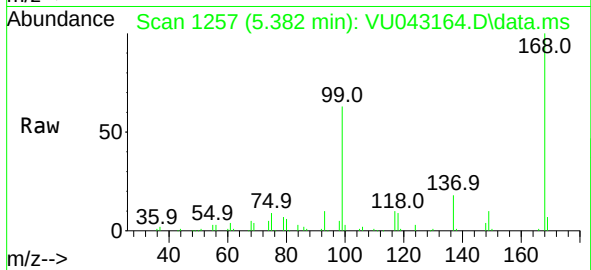




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043164.D
Acq: 16 Apr 2021 13:33

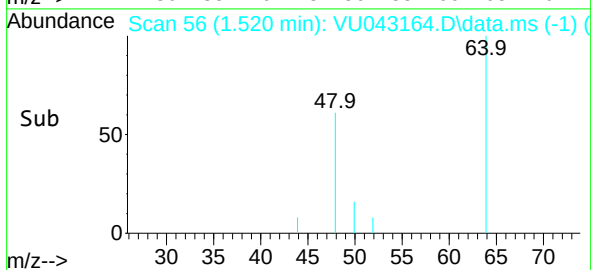
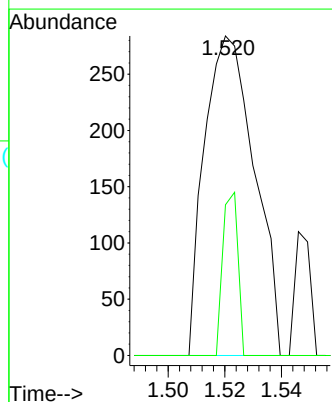
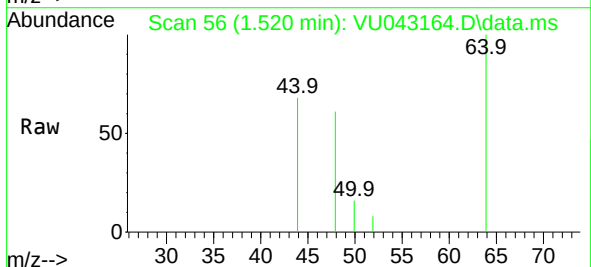
Instrument :
MSVOA_U
ClientSampleId :
EB-01-041521

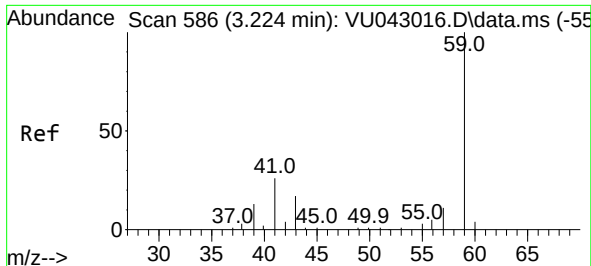
Tgt Ion:168 Resp: 111585
Ion Ratio Lower Upper
168 100
99 62.8 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU043164.D
Acq: 16 Apr 2021 13:33

Tgt Ion: 50 Resp: 348
Ion Ratio Lower Upper
50 100
52 47.2 26.6 40.0#

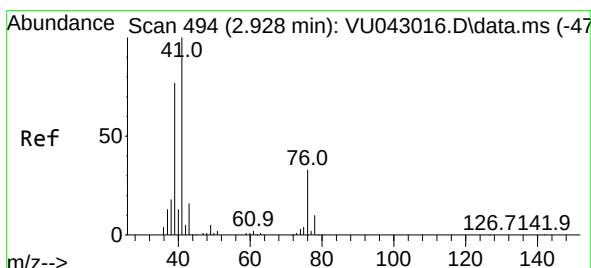
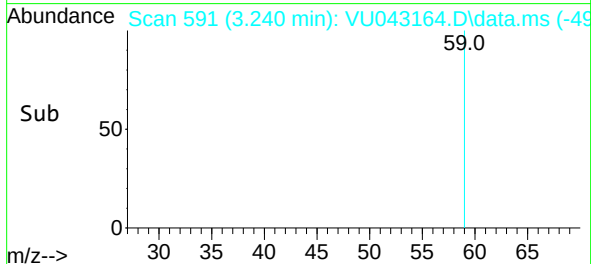
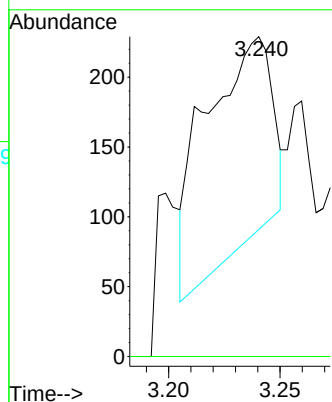
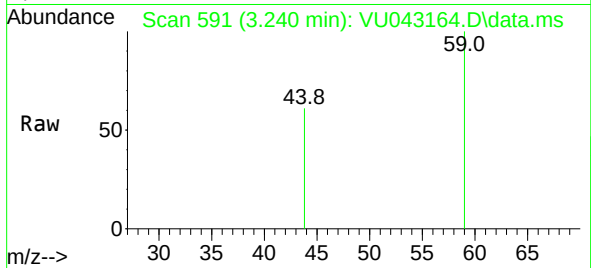




#11
Tert butyl alcohol
Concen: 0.65 ug/l
RT: 3.240 min Scan# 591
Delta R.T. 0.016 min
Lab File: VU043164.D
Acq: 16 Apr 2021 13:33

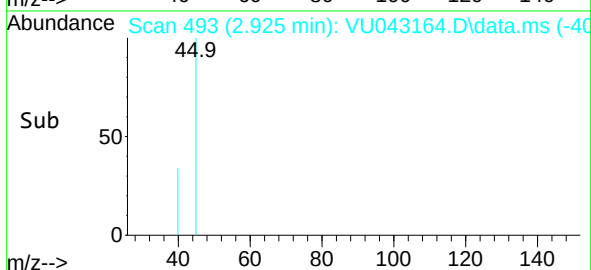
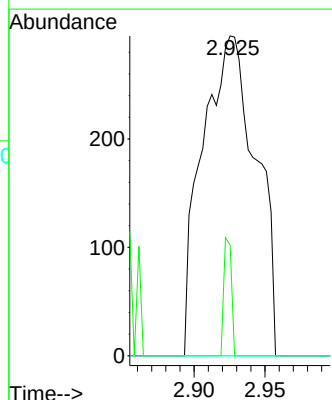
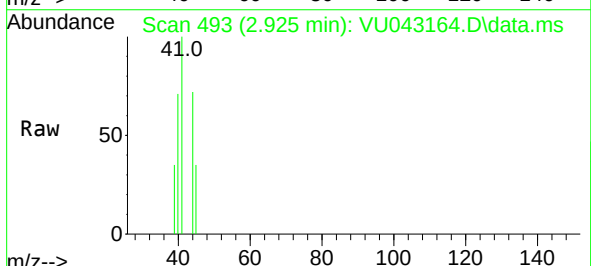
Instrument :
MSVOA_U
ClientSampleId :
EB-01-041521

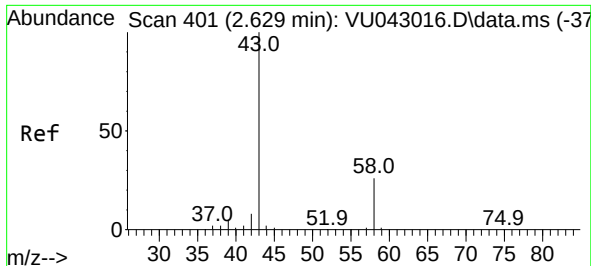
Tgt Ion: 59 Resp: 314
Ion Ratio Lower Upper
59 100
57 0.0 1.6 2.4#



#14
Allyl chloride
Concen: 0.31 ug/l
RT: 2.925 min Scan# 493
Delta R.T. -0.003 min
Lab File: VU043164.D
Acq: 16 Apr 2021 13:33

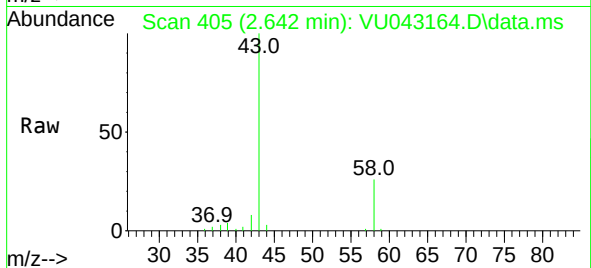
Tgt Ion: 41 Resp: 774
Ion Ratio Lower Upper
41 100
39 0.0 54.9 82.3#
76 0.0 22.5 33.7#



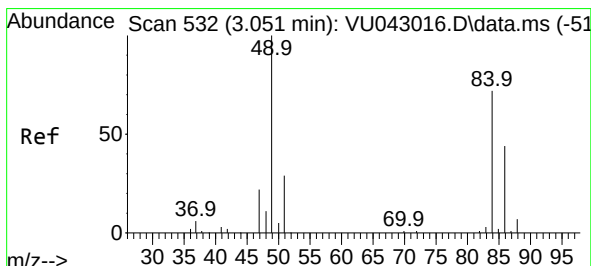
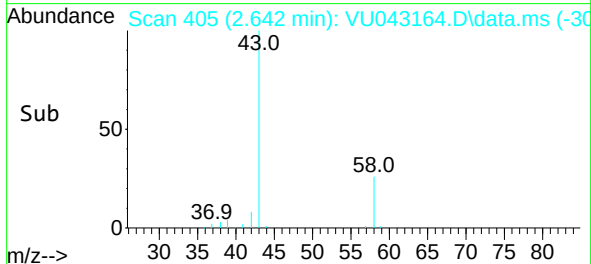
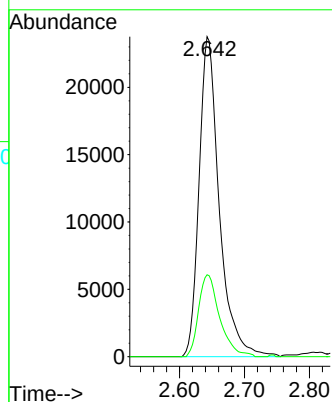


#16
Acetone
Concen: 46.36 ug/l
RT: 2.642 min Scan# 405
Delta R.T. 0.013 min
Lab File: VU043164.D
Acq: 16 Apr 2021 13:33

Instrument :
MSVOA_U
ClientSampleId :
EB-01-041521

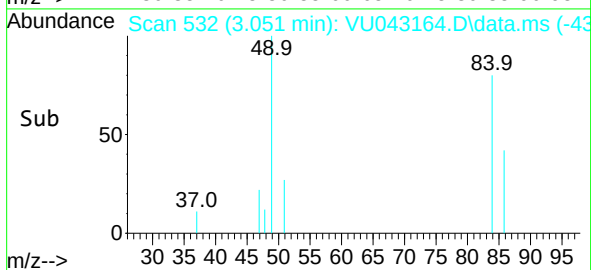
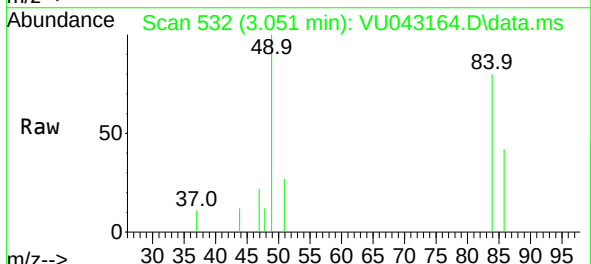
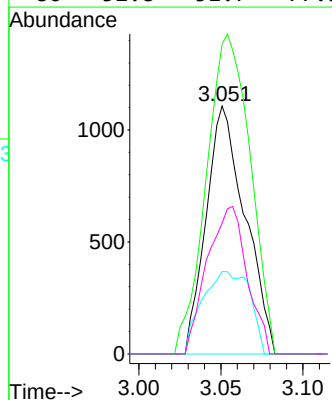


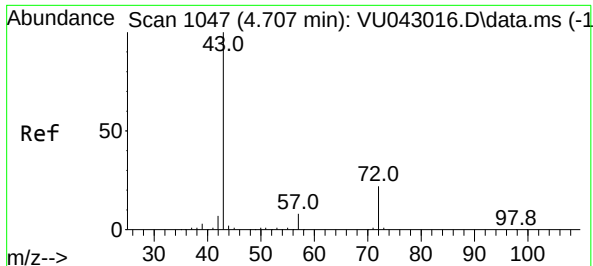
Tgt Ion: 43 Resp: 51449
Ion Ratio Lower Upper
43 100
58 25.6 21.5 32.3



#20
Methylene Chloride
Concen: 1.37 ug/l
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU043164.D
Acq: 16 Apr 2021 13:33

Tgt Ion: 84 Resp: 1827
Ion Ratio Lower Upper
84 100
49 125.0 112.6 169.0
51 33.2 33.7 50.5#
86 52.8 51.7 77.5

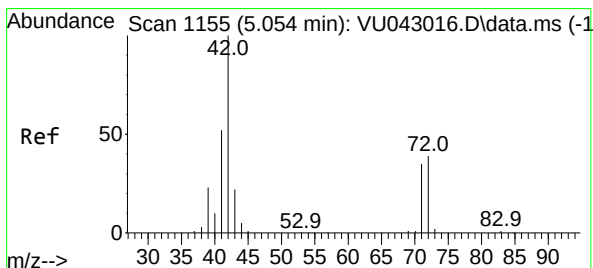
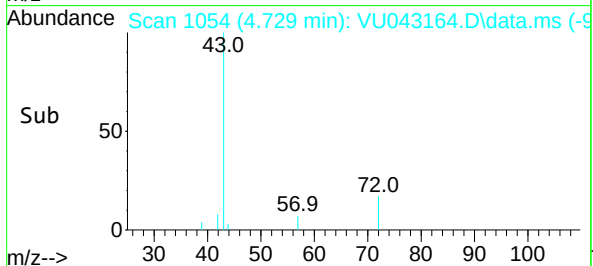
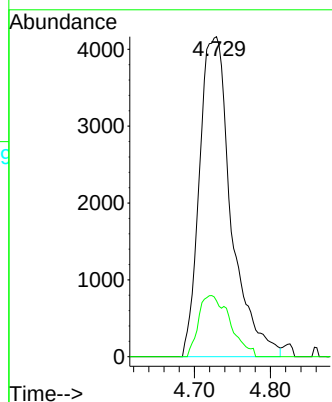
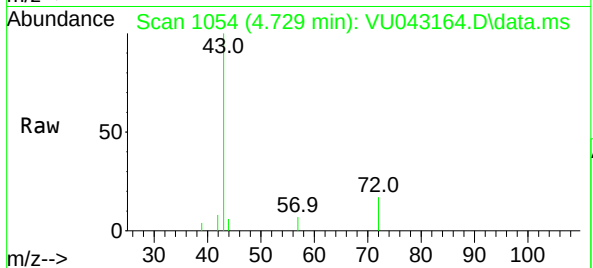




#25
2-Butanone
Concen: 7.06 ug/l
RT: 4.729 min Scan# 1054
Delta R.T. 0.022 min
Lab File: VU043164.D
Acq: 16 Apr 2021 13:33

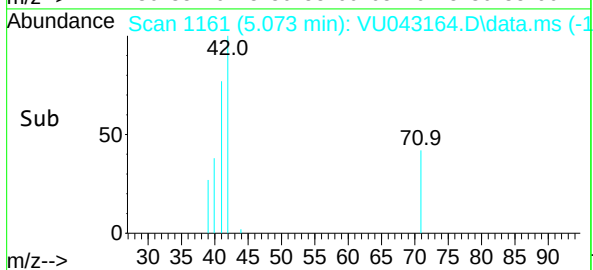
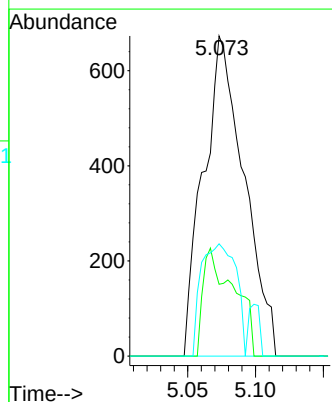
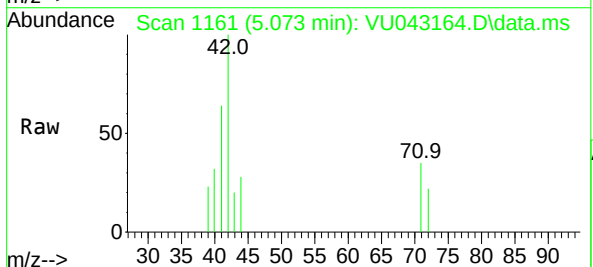
Instrument :
MSVOA_U
ClientSampleId :
EB-01-041521

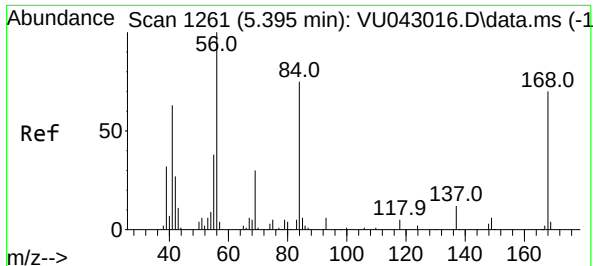
Tgt Ion: 43 Resp: 12025
Ion Ratio Lower Upper
43 100
72 17.5 17.4 26.0



#29
Tetrahydrofuran
Concen: 1.31 ug/l
RT: 5.073 min Scan# 1161
Delta R.T. 0.019 min
Lab File: VU043164.D
Acq: 16 Apr 2021 13:33

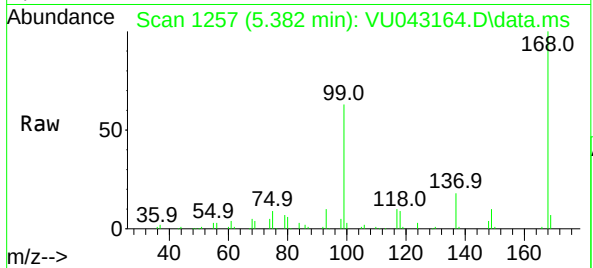
Tgt Ion: 42 Resp: 1402
Ion Ratio Lower Upper
42 100
72 25.5 31.5 47.3#
71 30.0 29.5 44.3



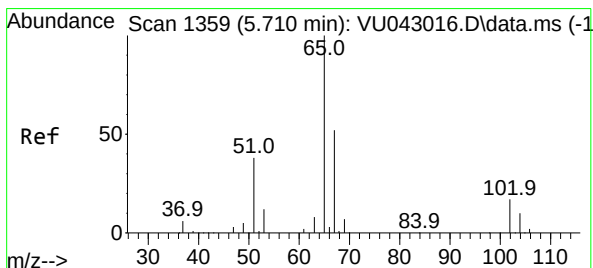
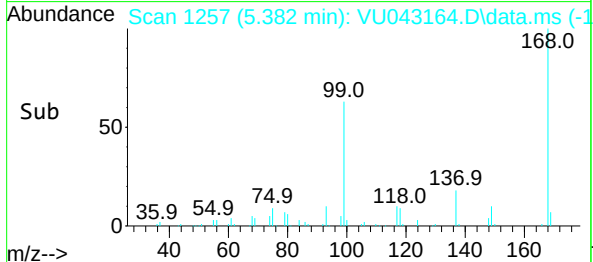
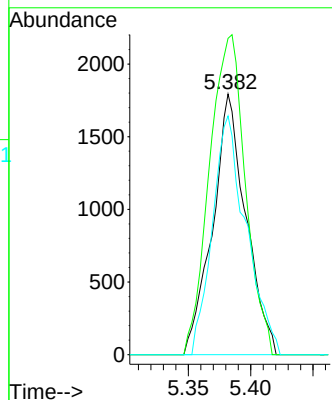


#31
Cyclohexane
Concen: 1.44 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.013 min
Lab File: VU043164.D
Acq: 16 Apr 2021 13:33

Instrument :
MSVOA_U
ClientSampleId :
EB-01-041521

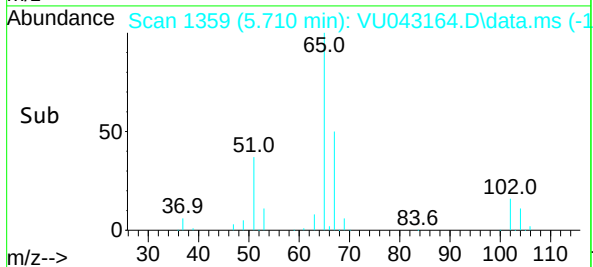
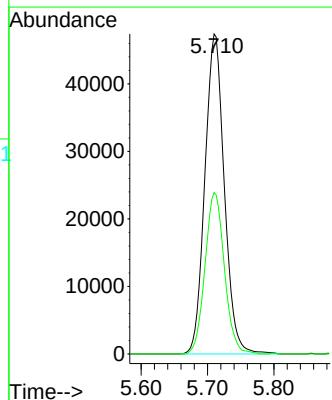
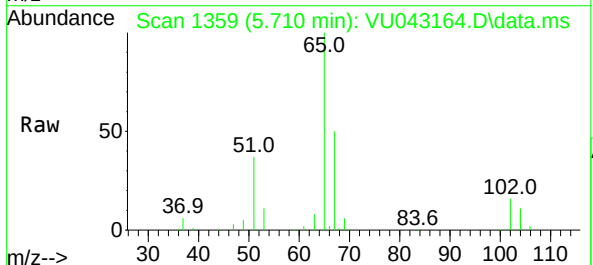


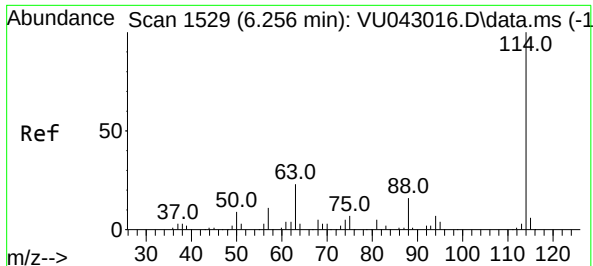
Tgt Ion: 56 Resp: 3335
Ion Ratio Lower Upper
56 100
69 121.3 24.9 37.3#
84 91.6 63.7 95.5



#33
1,2-Dichloroethane-d4
Concen: 51.49 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043164.D
Acq: 16 Apr 2021 13:33

Tgt Ion: 65 Resp: 96579
Ion Ratio Lower Upper
65 100
67 50.2 0.0 99.8

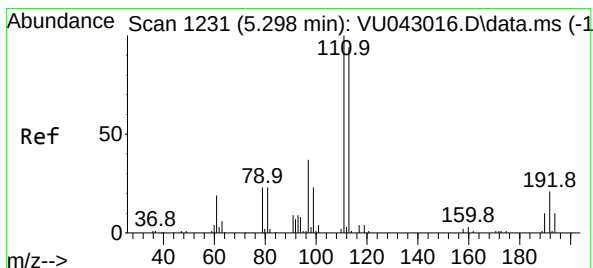
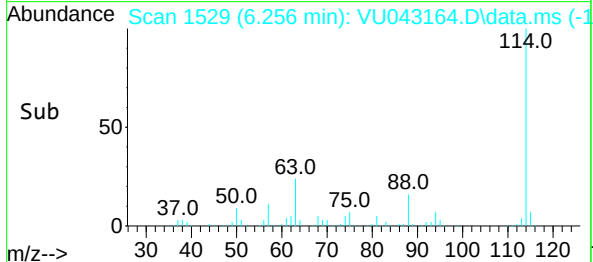
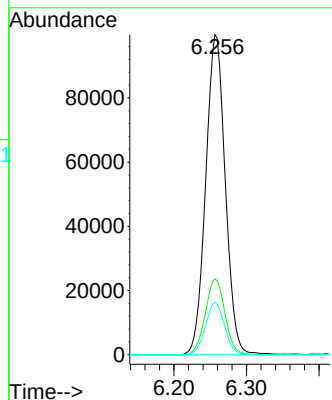
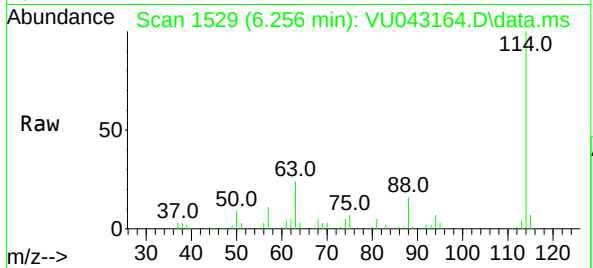




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043164.D
Acq: 16 Apr 2021 13:33

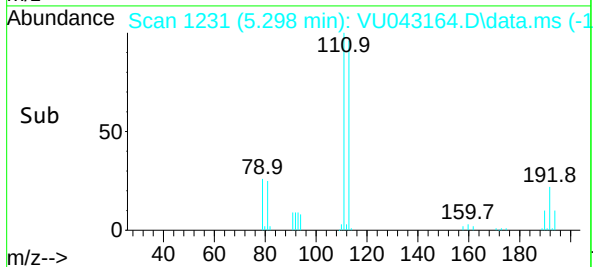
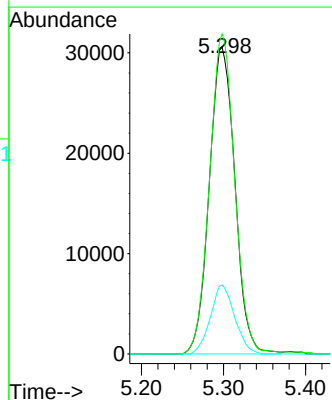
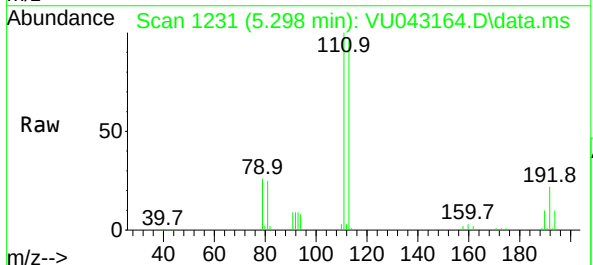
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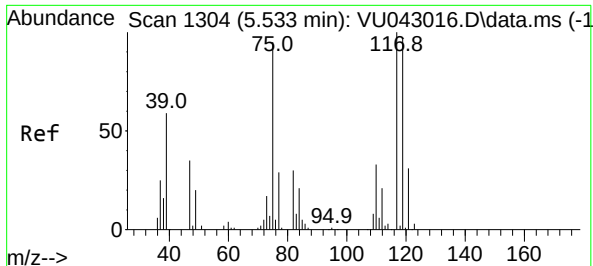
Tgt Ion:114 Resp: 186834
Ion Ratio Lower Upper
114 100
63 23.7 0.0 44.2
88 16.4 0.0 33.4



#35
Dibromofluoromethane
Concen: 47.29 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043164.D
Acq: 16 Apr 2021 13:33

Tgt Ion:113 Resp: 66397
Ion Ratio Lower Upper
113 100
111 102.4 81.8 122.8
192 21.3 17.2 25.8



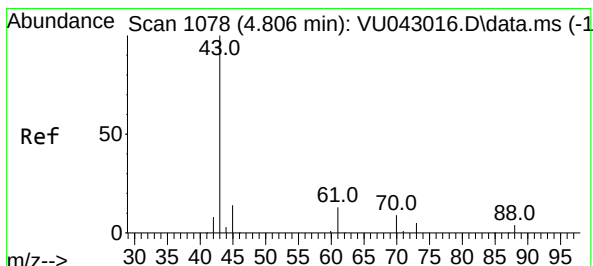
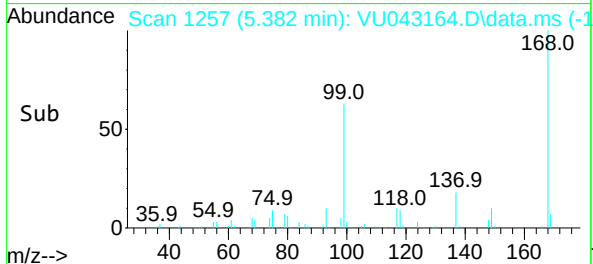
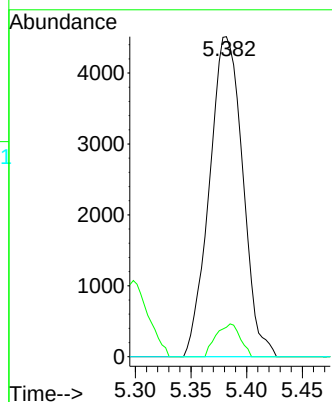
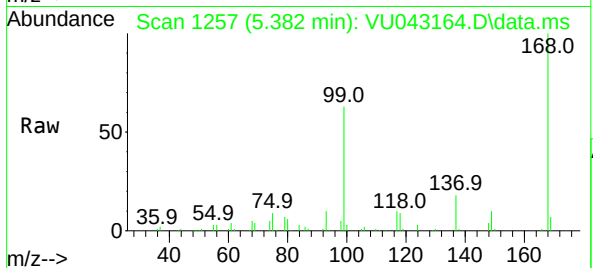


#36

1,1-Dichloropropene
Concen: 4.74 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043164.D
Acq: 16 Apr 2021 13:33

Instrument :
MSVOA_U
ClientSampleId :
EB-01-041521

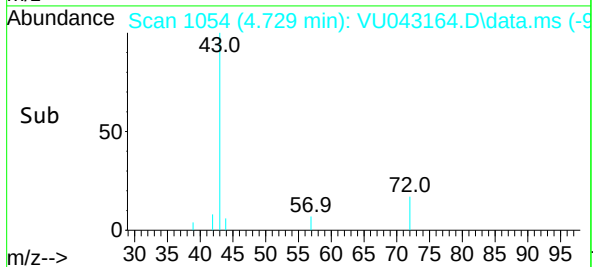
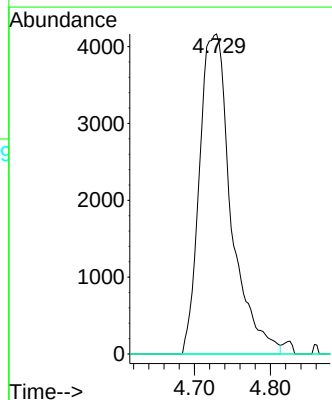
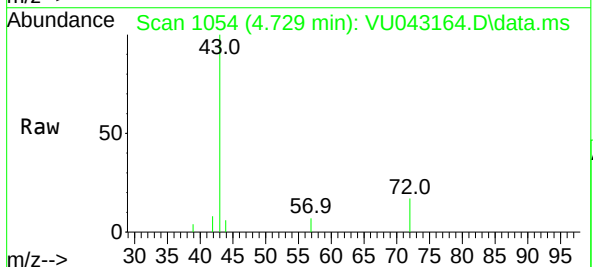
Tgt Ion: 75 Resp: 9398
Ion Ratio Lower Upper
75 100
110 7.4 16.8 50.3#
77 0.0 24.8 37.2#

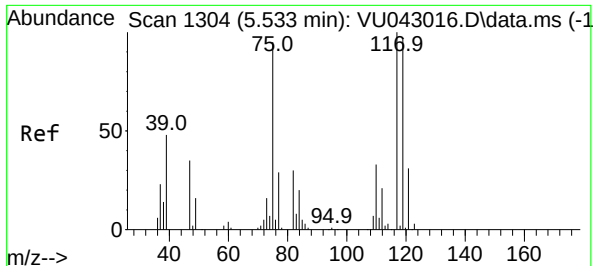


#37

Ethyl Acetate
Concen: 3.55 ug/l
RT: 4.729 min Scan# 1054
Delta R.T. -0.077 min
Lab File: VU043164.D
Acq: 16 Apr 2021 13:33

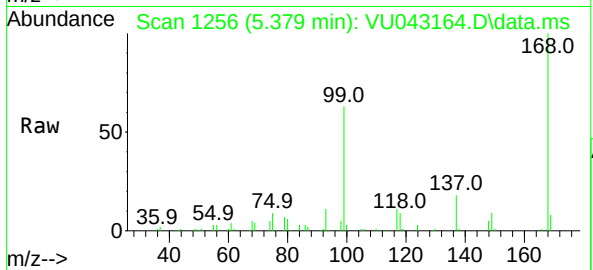
Tgt Ion: 43 Resp: 12025
Ion Ratio Lower Upper
43 100
61 0.0 10.1 15.1#
70 0.0 7.2 10.8#



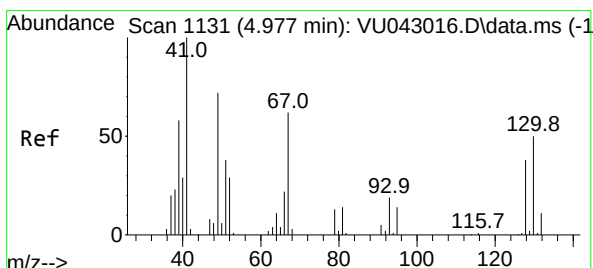
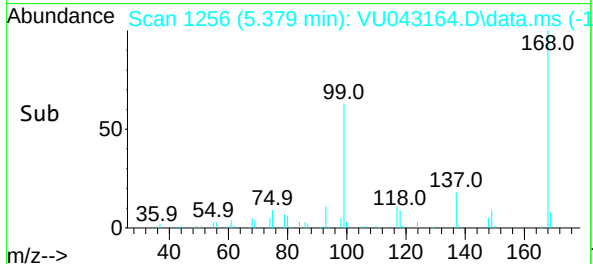
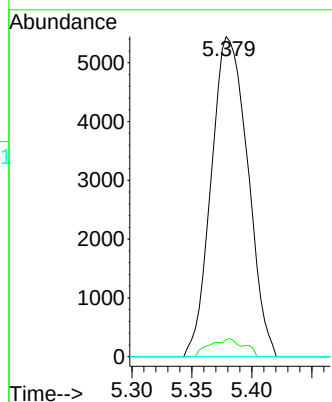


#38
Carbon Tetrachloride
Concen: 5.41 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.154 min
Lab File: VU043164.D
Acq: 16 Apr 2021 13:33

Instrument :
MSVOA_U
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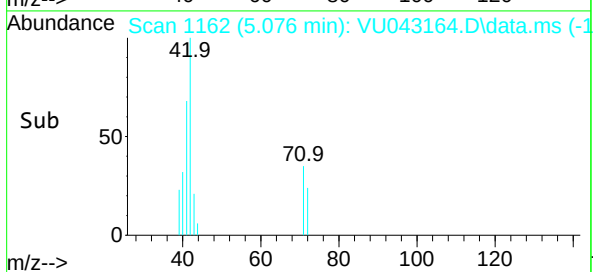
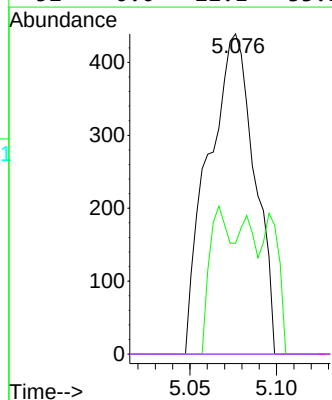
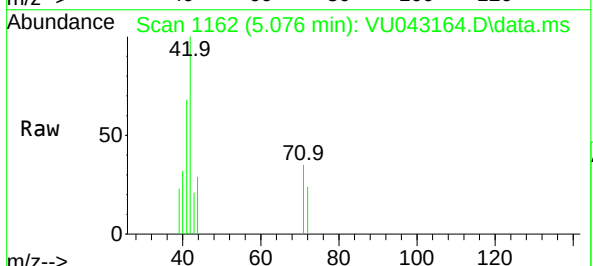


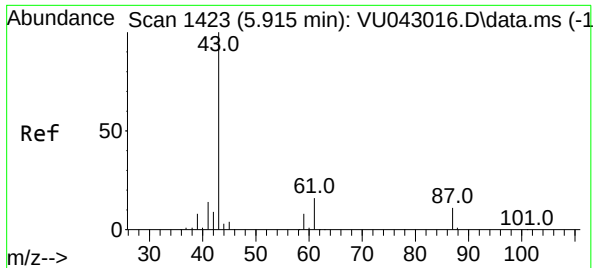
Tgt Ion:117 Resp: 11497
Ion Ratio Lower Upper
117 100
119 5.3 75.5 113.3#
121 0.0 24.7 37.1#



#41
Methacrylonitrile
Concen: 0.46 ug/l
RT: 5.076 min Scan# 1162
Delta R.T. 0.099 min
Lab File: VU043164.D
Acq: 16 Apr 2021 13:33

Tgt Ion: 41 Resp: 814
Ion Ratio Lower Upper
41 100
39 19.7 45.1 67.7#
67 0.0 50.2 75.2#
52 0.0 22.1 33.1#

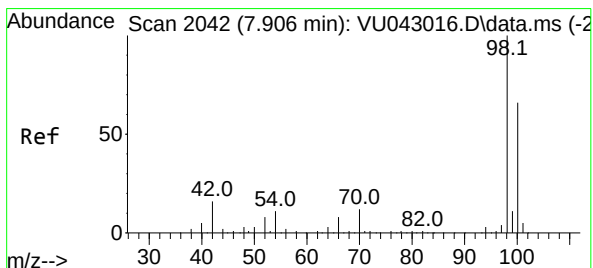
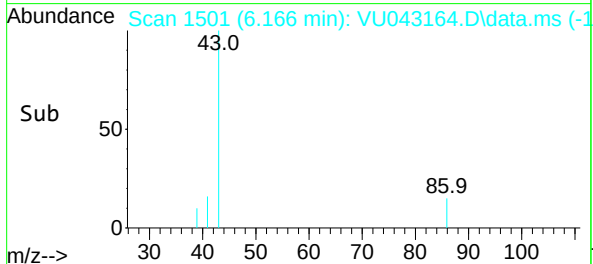
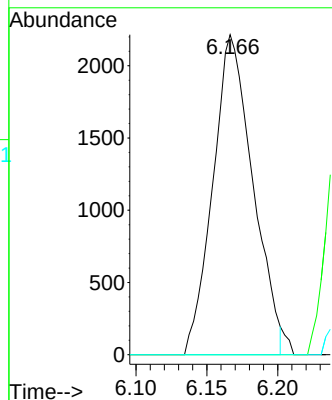
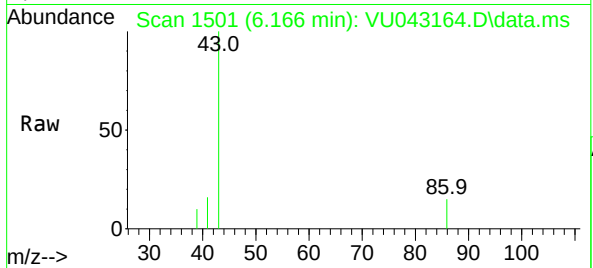




#43
Isopropyl Acetate
Concen: 0.90 ug/l
RT: 6.166 min Scan# 1501
Delta R.T. 0.251 min
Lab File: VU043164.D
Acq: 16 Apr 2021 13:33

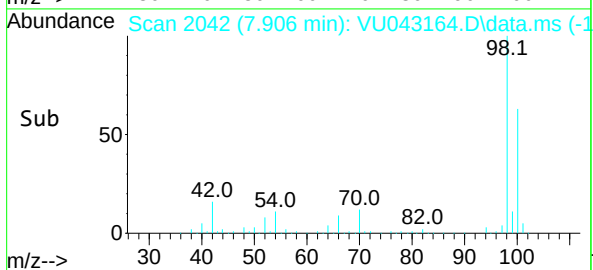
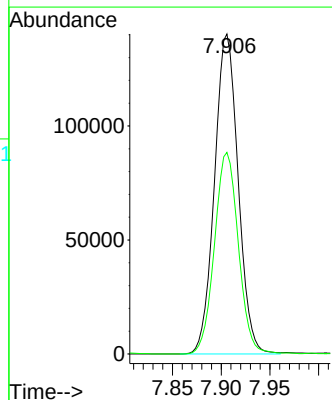
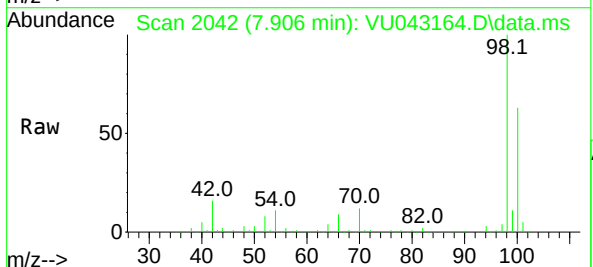
Instrument :
MSVOA_U
ClientSampleId :
EB-01-041521

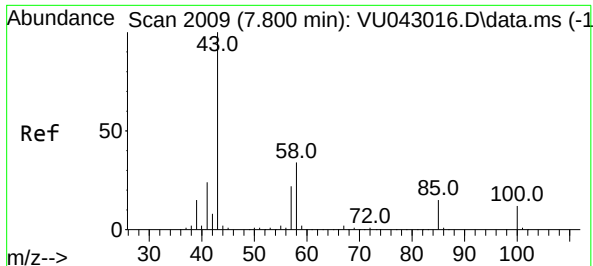
Tgt Ion: 43 Resp: 4347
Ion Ratio Lower Upper
43 100
61 0.0 14.4 21.6#
87 0.0 8.8 13.2#



#50
Toluene-d8
Concen: 47.76 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043164.D
Acq: 16 Apr 2021 13:33

Tgt Ion: 98 Resp: 237246
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2

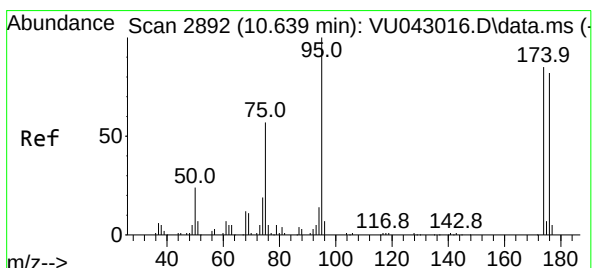
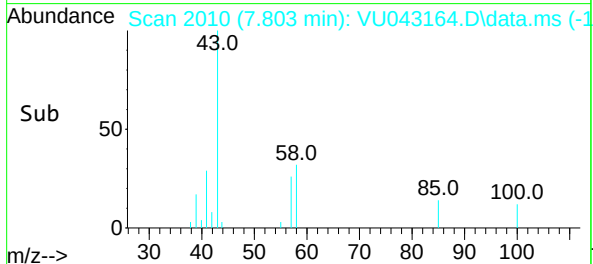
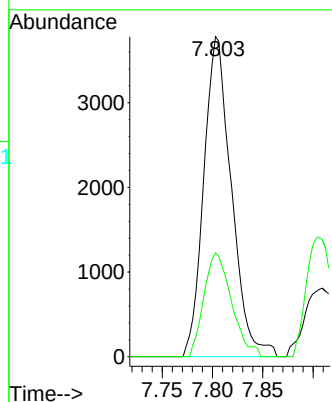
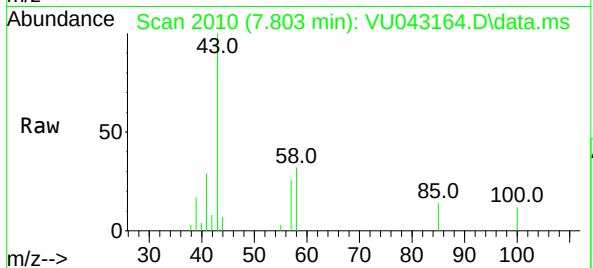




#51
4-Methyl-2-Pentanone
Concen: 2.02 ug/l
RT: 7.803 min Scan# 2010
Delta R.T. 0.003 min
Lab File: VU043164.D
Acq: 16 Apr 2021 13:33

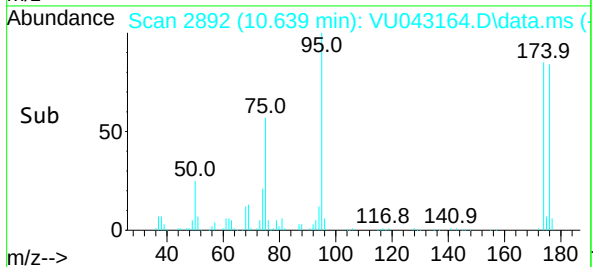
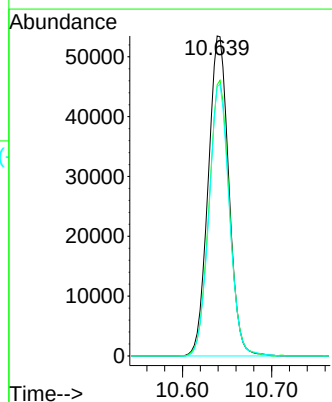
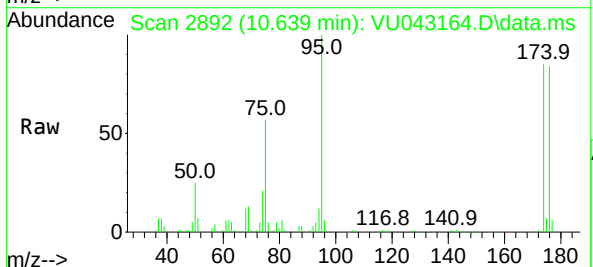
Instrument :
MSVOA_U
ClientSampleId :
EB-01-041521

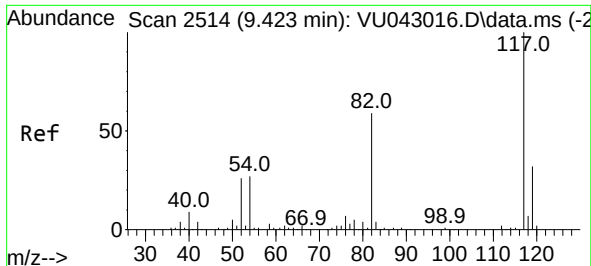
Tgt Ion: 43 Resp: 7211
Ion Ratio Lower Upper
43 100
58 32.4 28.1 42.1



#62
4-Bromofluorobenzene
Concen: 43.13 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043164.D
Acq: 16 Apr 2021 13:33

Tgt Ion: 95 Resp: 85792
Ion Ratio Lower Upper
95 100
174 85.6 0.0 172.2
176 83.8 0.0 168.8

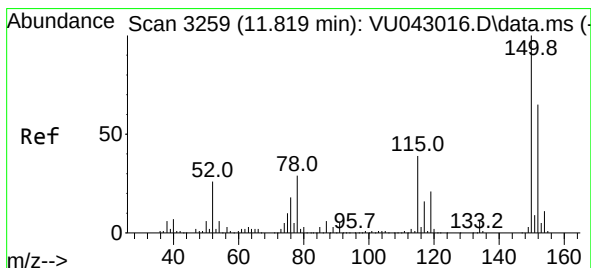
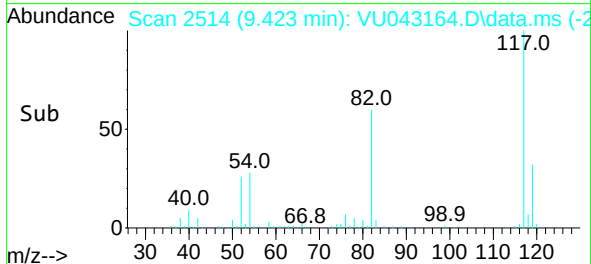
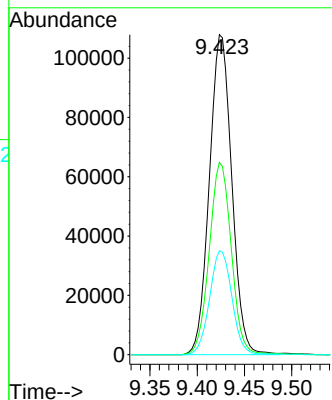
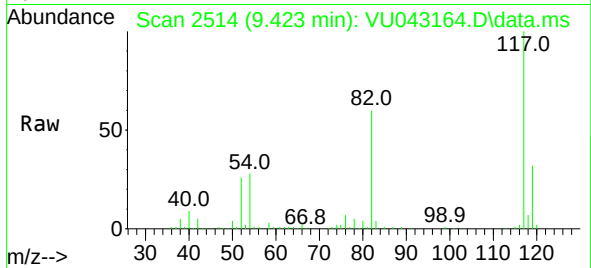




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043164.D
Acq: 16 Apr 2021 13:33

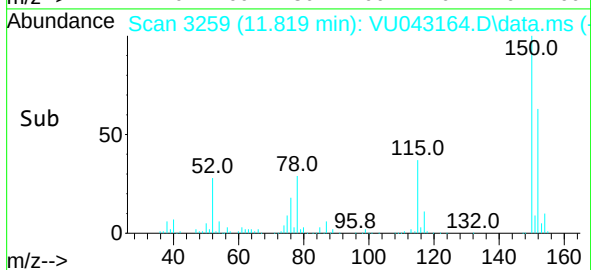
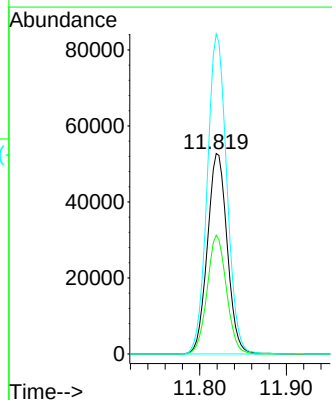
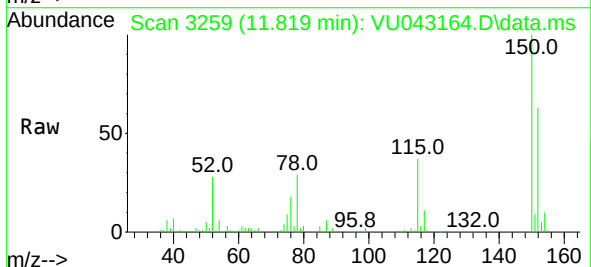
Instrument :
MSVOA_U
ClientSampleId :
EB-01-041521

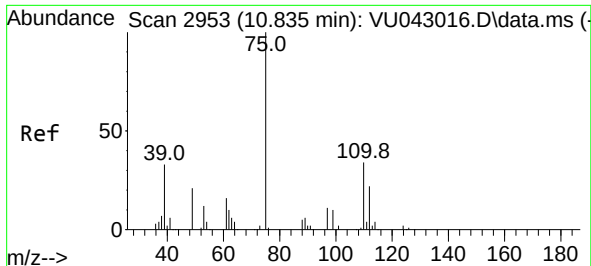
Tgt Ion:117 Resp: 177963
Ion Ratio Lower Upper
117 100
82 60.1 45.8 68.6
119 32.5 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043164.D
Acq: 16 Apr 2021 13:33

Tgt Ion:152 Resp: 83925
Ion Ratio Lower Upper
152 100
115 57.7 41.5 124.6
150 157.2 0.0 342.4

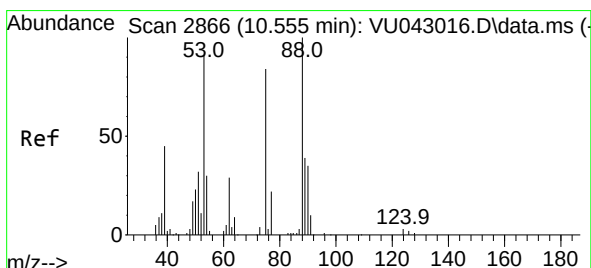
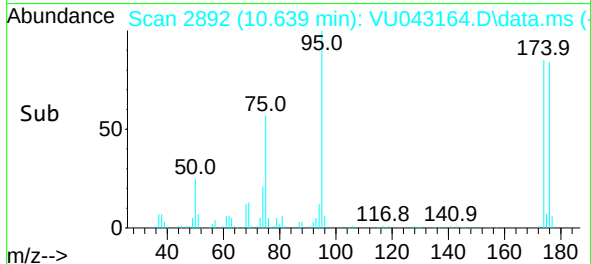
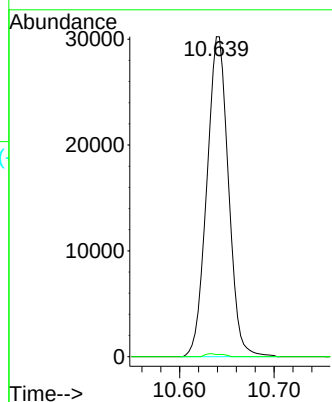
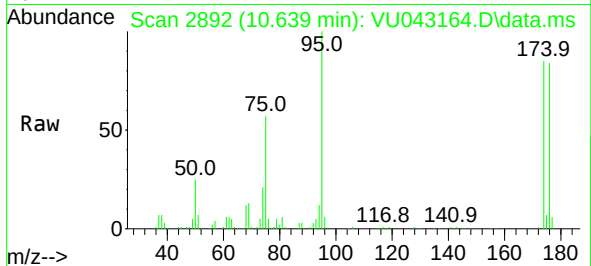




#76
1,2,3-Trichloropropane
Concen: 19.58 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.196 min
Lab File: VU043164.D
Acq: 16 Apr 2021 13:33

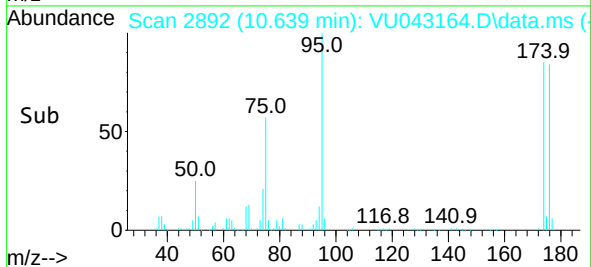
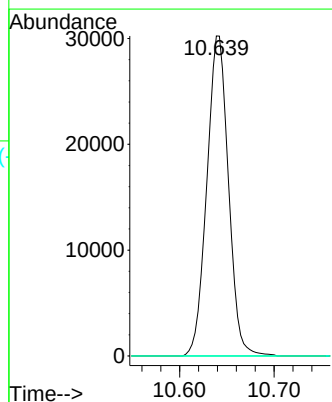
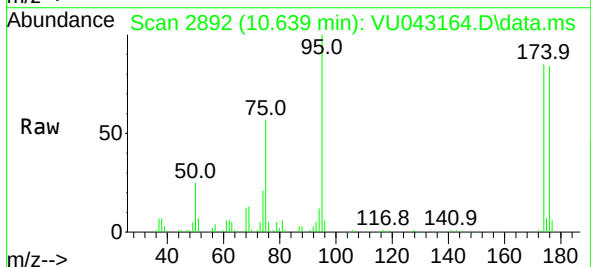
Instrument :
MSVOA_U
ClientSampleId :
EB-01-041521

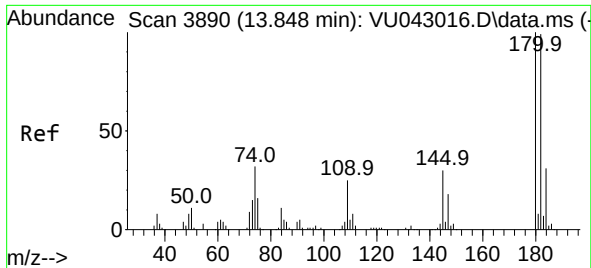
Tgt Ion: 75 Resp: 48020
Ion Ratio Lower Upper
75 100
77 0.7 20.2 60.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.54 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043164.D
Acq: 16 Apr 2021 13:33

Tgt Ion: 75 Resp: 48020
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#

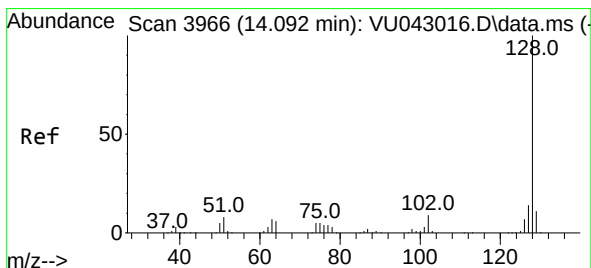
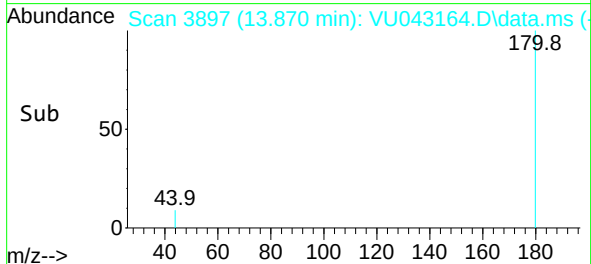
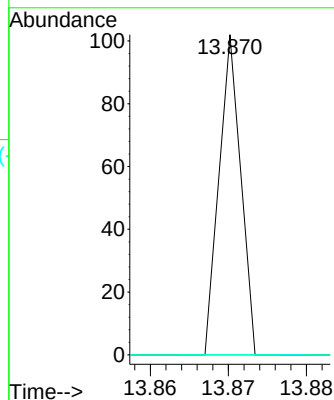
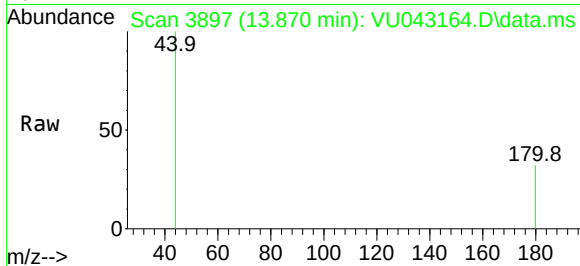




#93
1,2,4-Trichlorobenzene
Concen: 1.52 ug/l
RT: 13.870 min Scan# 3897
Delta R.T. 0.022 min
Lab File: VU043164.D
Acq: 16 Apr 2021 13:33

Instrument :
MSVOA_U
ClientSampleId :
EB-01-041521

Tgt Ion:180 Resp: 20
Ion Ratio Lower Upper
180 100
182 0.0 46.9 140.8#
145 0.0 14.4 43.4#



#95
Naphthalene
Concen: 2.78 ug/l
RT: 14.099 min Scan# 3968
Delta R.T. 0.006 min
Lab File: VU043164.D
Acq: 16 Apr 2021 13:33

Tgt Ion:128 Resp: 271
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#

