

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041221\
 Data File : VU043019.D
 Acq On : 12 Apr 2021 12:28
 Operator : SY/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 IBLK

Quant Time: Apr 12 12:49:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 12 12:24:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	132422	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	218740	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	199492	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	93531	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	109121	54.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.96%	
35) Dibromofluoromethane	5.298	113	75858	49.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.46%	
50) Toluene-d8	7.906	98	270963	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.80%	
62) 4-Bromofluorobenzene	10.639	95	97109	44.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.38%	
Target Compounds						
						Qvalue
3) Chloromethane	1.523	50	927	0.58	ug/l	94
5) Bromomethane	1.851	94	719	0.76	ug/l	84
6) Chloroethane	1.944	64	497	0.54	ug/l #	42
10) Methyl Iodide	2.726	142	725	0.41	ug/l #	77
11) Tert butyl alcohol	3.176	59	207	0.45	ug/l #	94
12) 1,1-Dichloroethene	2.588	96	327	0.27	ug/l #	47
13) Acrolein	2.497	56	453	1.60	ug/l #	72
15) Acrylonitrile	3.317	53	1357	1.28	ug/l #	95
16) Acetone	2.629	43	1607	1.27	ug/l #	81
17) Carbon Disulfide	2.800	76	4879	1.33	ug/l	99
18) Methyl Acetate	2.961	43	596	0.26	ug/l #	55
20) Methylene Chloride	3.057	84	323	0.22	ug/l #	49
21) trans-1,2-Dichloroethene	3.366	96	625	0.48	ug/l #	62
23) Vinyl Acetate	3.967	43	1622	0.33	ug/l #	76
25) 2-Butanone	4.716	43	1511	0.88	ug/l #	54
29) Tetrahydrofuran	5.057	42	1331	1.25	ug/l #	55
31) Cyclohexane	5.382	56	3613	1.37	ug/l #	16
36) 1,1-Dichloropropene	5.378	75	11936	5.44	ug/l #	49
38) Carbon Tetrachloride	5.382	117	13628	5.82	ug/l #	15
42) 1,2-Dichloroethane	5.803	62	546	0.20	ug/l #	79
44) Trichloroethene	6.552	130	421	0.26	ug/l	64
49) 1,4-Dioxane	6.996	88	20	0.41	ug/l #	1
51) 4-Methyl-2-Pentanone	7.796	43	5648	1.62	ug/l	97
53) t-1,3-Dichloropropene	8.214	75	568	0.22	ug/l #	52
56) Ethyl methacrylate	8.336	69	546	0.20	ug/l #	56
59) 2-Hexanone	8.690	43	7760	2.76	ug/l	88
64) Tetrachloroethene	8.568	164	322	0.22	ug/l #	77
65) Chlorobenzene	9.449	112	1022	0.25	ug/l	93
68) m/p-Xylenes	9.703	106	1013	0.38	ug/l	88
70) Styrene	10.121	104	958	0.22	ug/l #	90
73) Isopropylbenzene	10.488	105	1675	0.27	ug/l #	70
74) N-amyl acetate	10.327	43	4149	1.15	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	10.790	83	795	0.33	ug/l #	83
76) 1,2,3-Trichloropropane	10.639	75	55109	23.15	ug/l #	37
77) Bromobenzene	10.793	156	563	0.34	ug/l	68
78) n-propylbenzene	10.912	91	2598	0.36	ug/l	83

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Instrument :
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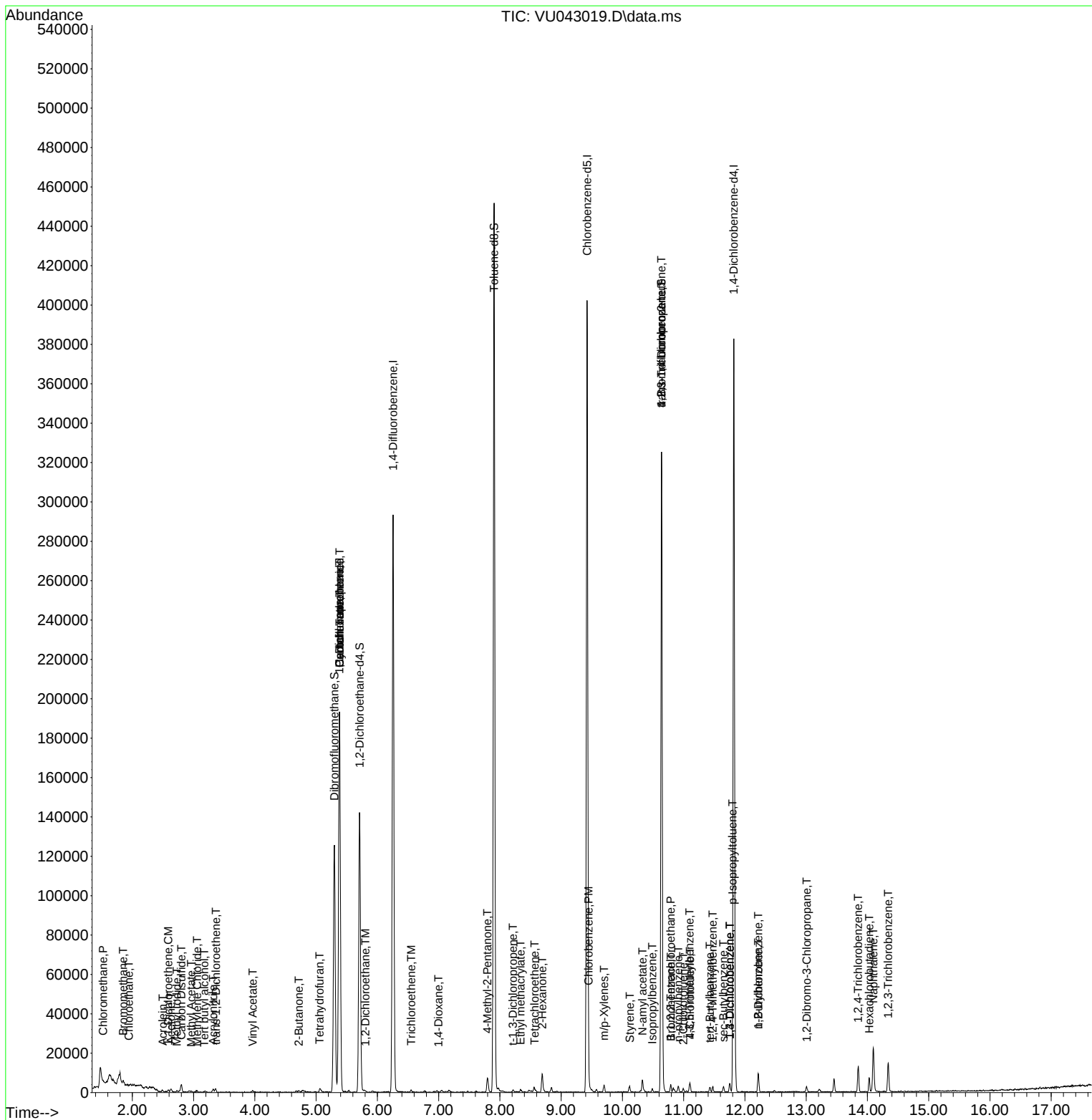
Quant Time: Apr 12 12:49:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 12 12:24:54 2021
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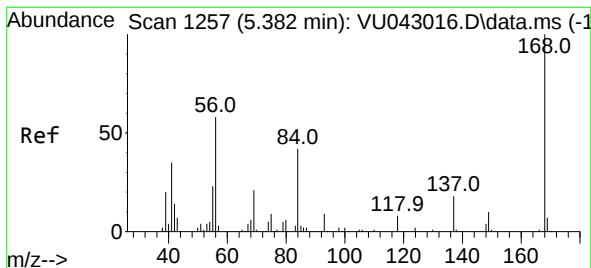
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

79) 2-Chlorotoluene	10.996	91	1227	0.28	ug/l	93
80) 1,3,5-Trimethylbenzene	11.095	105	1452	0.27	ug/l	91
81) trans-1,4-Dichloro-2-b...	10.639	75	55109	63.75	ug/l #	7
82) 4-Chlorotoluene	11.105	91	2412	0.47	ug/l	90
83) tert-Butylbenzene	11.426	119	1328	0.25	ug/l	86
84) 1,2,4-Trimethylbenzene	11.475	105	1695	0.31	ug/l	97
85) sec-Butylbenzene	11.648	105	2110	0.34	ug/l	86
86) p-Isopropyltoluene	11.799	119	2077	0.37	ug/l	95
87) 1,3-Dichlorobenzene	11.754	146	2059	0.71	ug/l	88
88) 1,4-Dichlorobenzene	11.754	146	2059	0.69	ug/l	87
89) n-Butylbenzene	12.217	91	2920	0.58	ug/l	86
91) 1,2-Dichlorobenzene	12.217	146	1755	0.59	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	13.008	75	656	0.99	ug/l	86
93) 1,2,4-Trichlorobenzene	13.848	180	4425	2.43	ug/l	97
94) Hexachlorobutadiene	14.028	225	1611	1.57	ug/l	85
95) Naphthalene	14.095	128	19353	3.69	ug/l	99
96) 1,2,3-Trichlorobenzene	14.339	180	5115	2.86	ug/l	94

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

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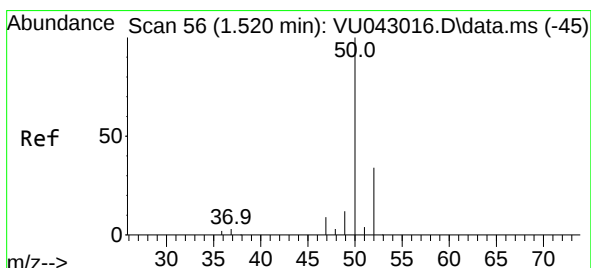
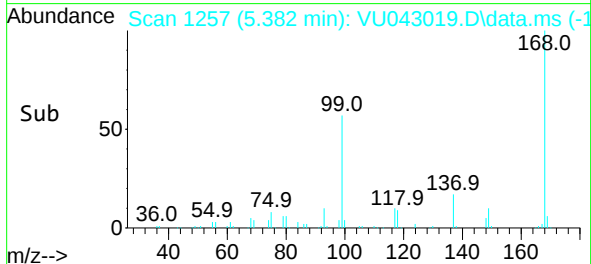
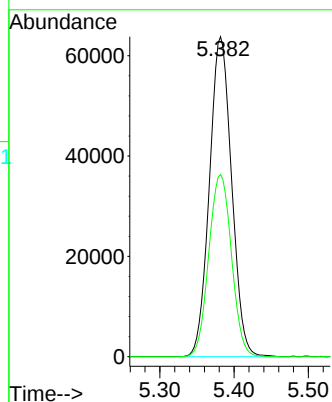
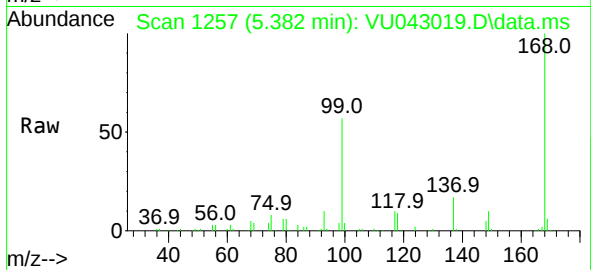




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043019.D
Acq: 12 Apr 2021 12:28

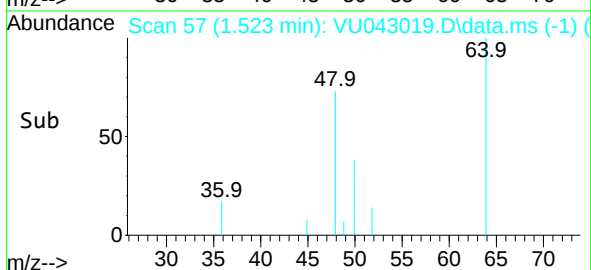
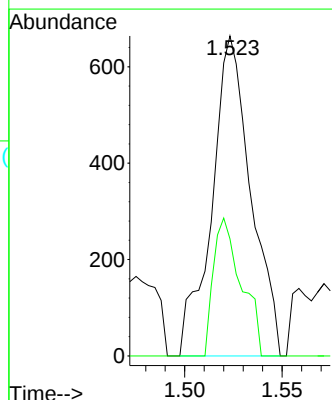
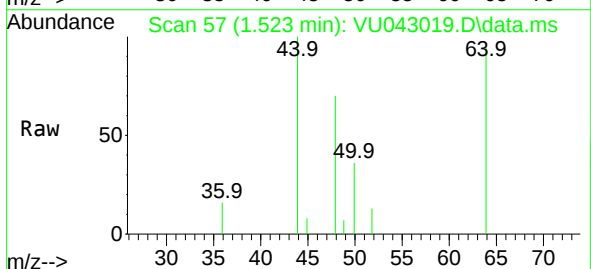
Instrument :
MSVOA_U
ClientSampleId :
IBLK

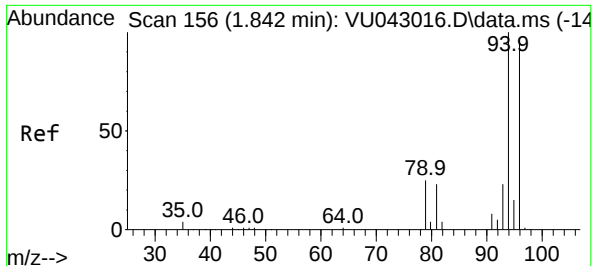
Tgt Ion:168 Resp: 132422
Ion Ratio Lower Upper
168 100
99 57.0 45.0 67.4



#3
Chloromethane
Concen: 0.58 ug/l
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043019.D
Acq: 12 Apr 2021 12:28

Tgt Ion: 50 Resp: 927
Ion Ratio Lower Upper
50 100
52 36.6 26.6 40.0

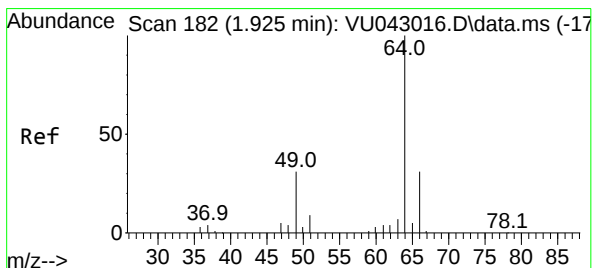
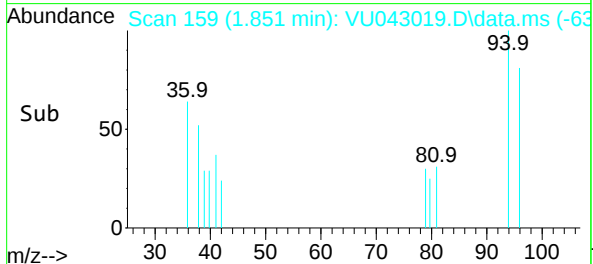
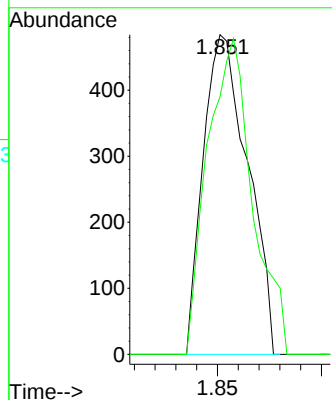
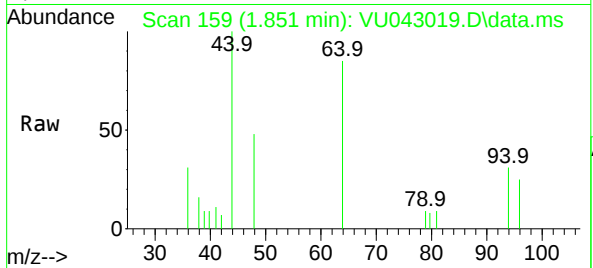




#5
Bromomethane
Concen: 0.76 ug/l
RT: 1.851 min Scan# 159
Delta R.T. 0.010 min
Lab File: VU043019.D
Acq: 12 Apr 2021 12:28

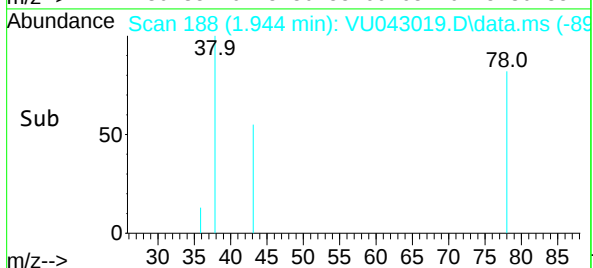
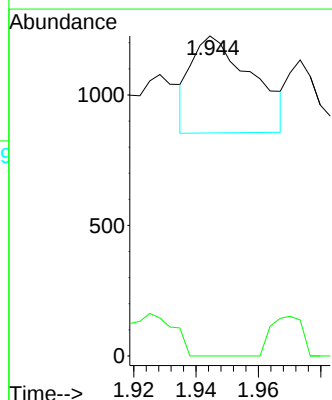
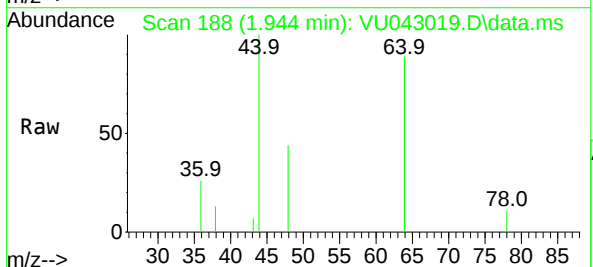
Instrument :
MSVOA_U
ClientSampled :
IBLK

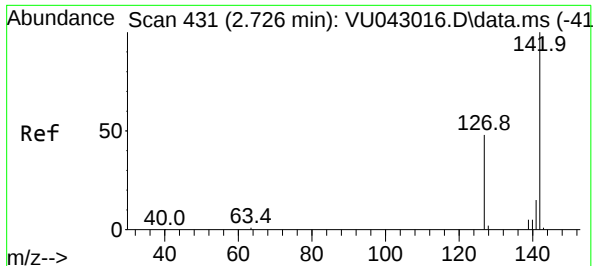
Tgt Ion: 94 Resp: 719
Ion Ratio Lower Upper
94 100
96 80.6 76.6 115.0



#6
Chloroethane
Concen: 0.54 ug/l
RT: 1.944 min Scan# 188
Delta R.T. 0.019 min
Lab File: VU043019.D
Acq: 12 Apr 2021 12:28

Tgt Ion: 64 Resp: 497
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#





#10

Methyl Iodide

Concen: 0.41 ug/l

RT: 2.726 min Scan# 431

Delta R.T. -0.000 min

Lab File: VU043019.D

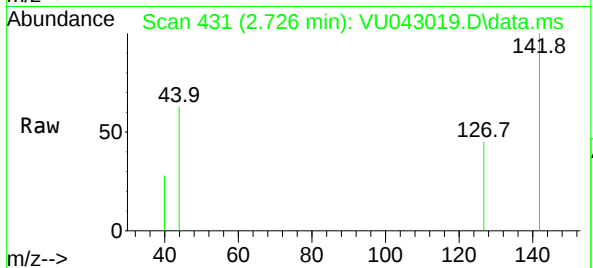
Acq: 12 Apr 2021 12:28

Instrument :

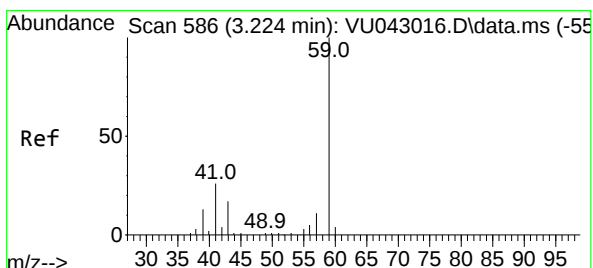
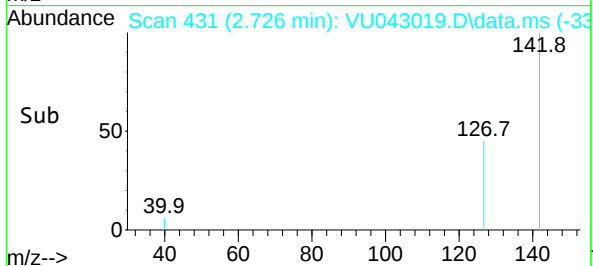
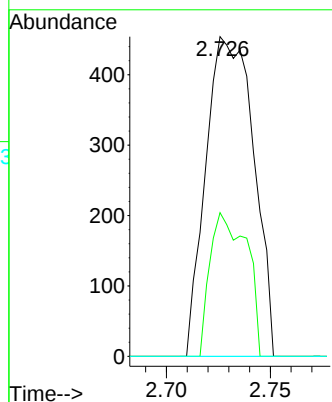
MSVOA_U

ClientSampleId :

IBLK



Tgt Ion:	142	Resp:	725
Ion	Ratio	Lower	Upper
142	100		
127	34.5	37.8	56.6#
141	0.0	11.8	17.6#



#11

Tert butyl alcohol

Concen: 0.45 ug/l

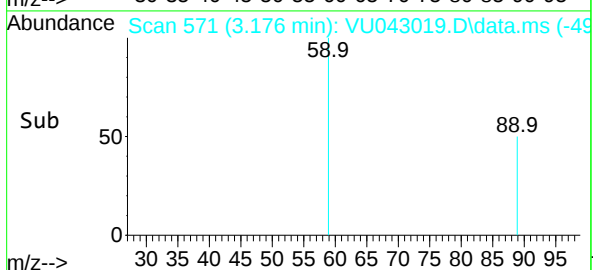
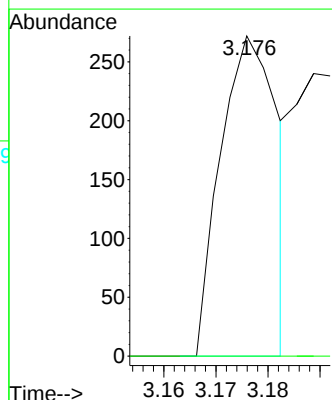
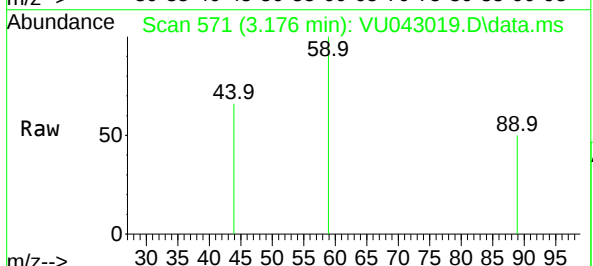
RT: 3.176 min Scan# 571

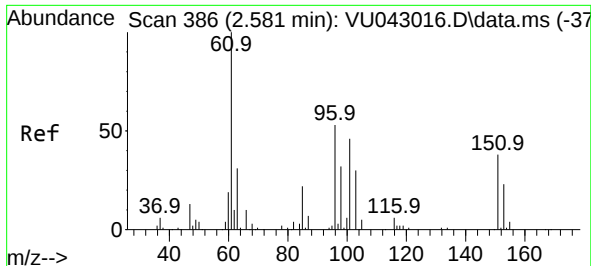
Delta R.T. -0.048 min

Lab File: VU043019.D

Acq: 12 Apr 2021 12:28

Tgt Ion:	59	Resp:	207
Ion	Ratio	Lower	Upper
59	100		
57	0.0	1.6	2.4#





#12

1,1-Dichloroethene

Concen: 0.27 ug/l

RT: 2.588 min Scan# 388

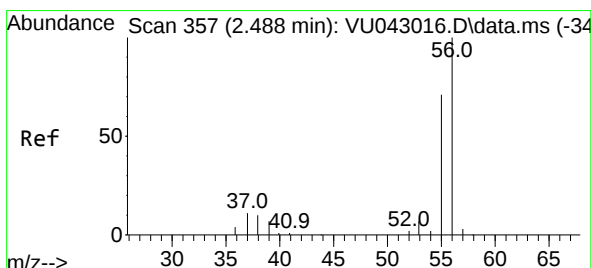
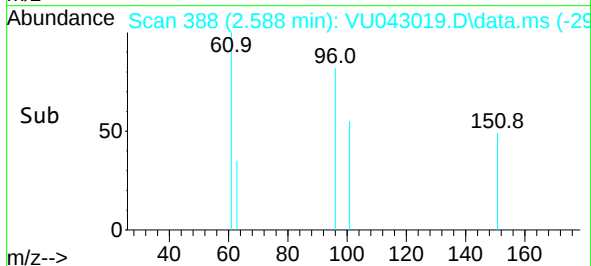
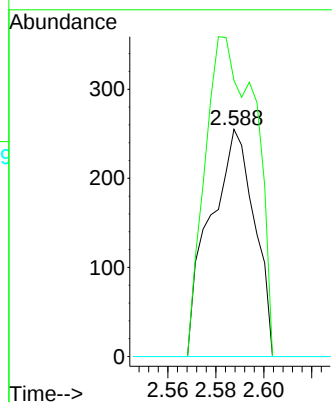
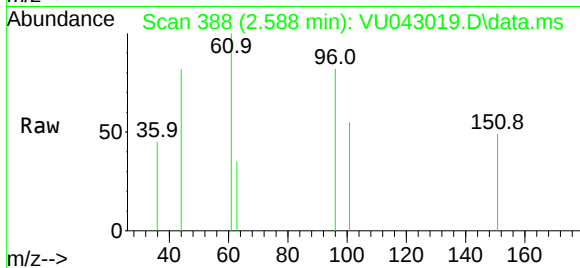
Delta R.T. 0.006 min

Lab File: VU043019.D

Acq: 12 Apr 2021 12:28

Tgt Ion:	96	Resp:	327
Ion	Ratio	Lower	Upper
96	100		
61	121.6	147.4	221.0#
98	0.0	51.4	77.2#

Instrument :
MSVOA_U
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IBLK



#13

Acrolein

Concen: 1.60 ug/l

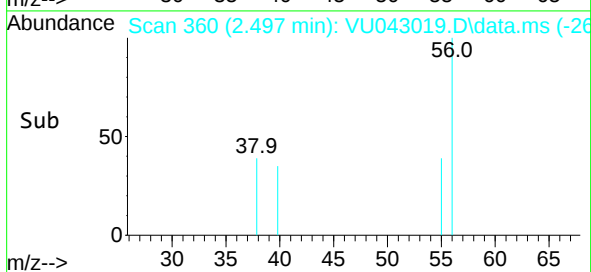
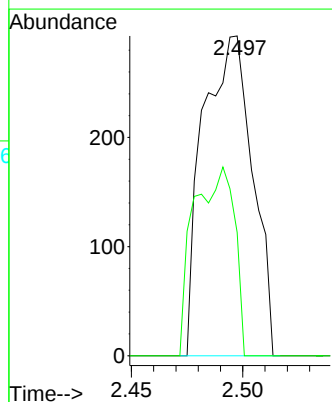
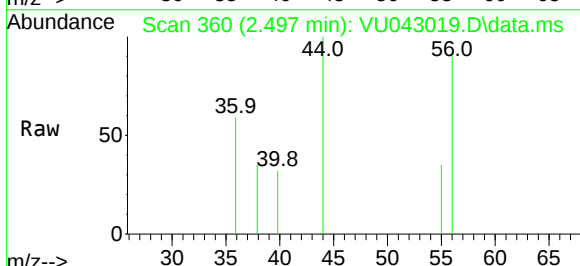
RT: 2.497 min Scan# 360

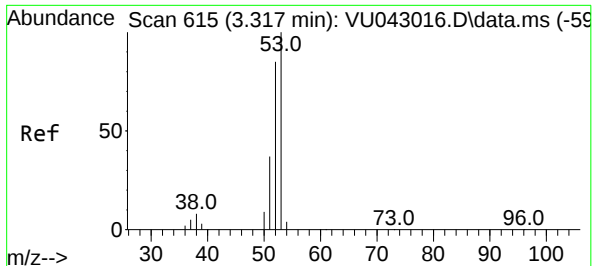
Delta R.T. 0.010 min

Lab File: VU043019.D

Acq: 12 Apr 2021 12:28

Tgt Ion:	56	Resp:	453
Ion	Ratio	Lower	Upper
56	100		
55	48.6	57.3	85.9#

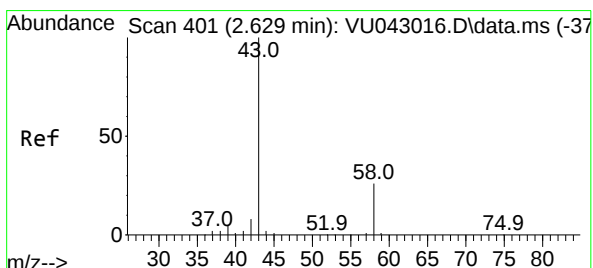
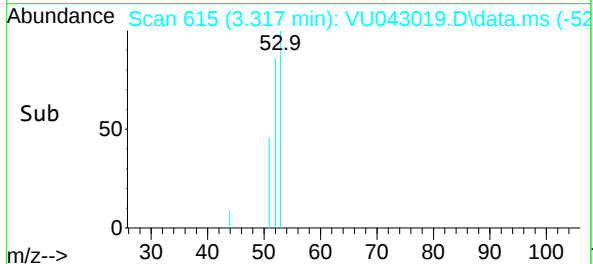
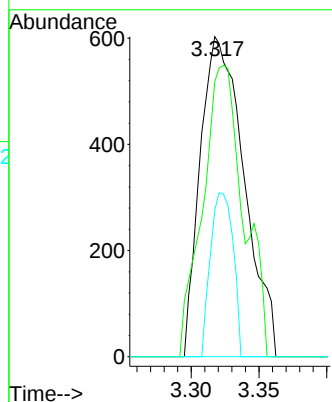
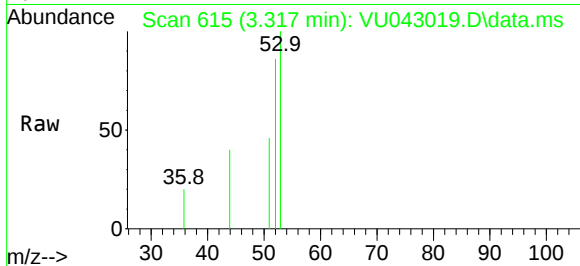




#15
Acrylonitrile
Concen: 1.28 ug/l
RT: 3.317 min Scan# 615
Delta R.T. -0.000 min
Lab File: VU043019.D
Acq: 12 Apr 2021 12:28

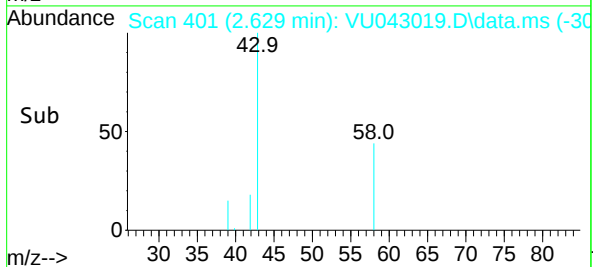
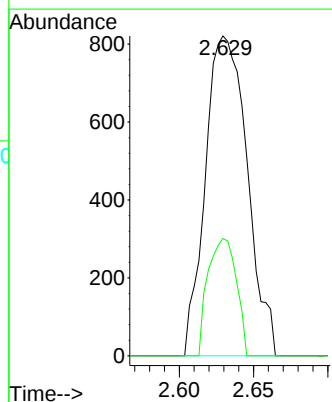
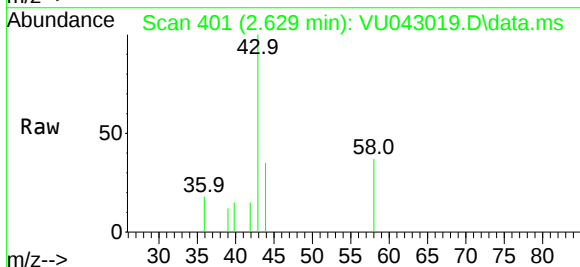
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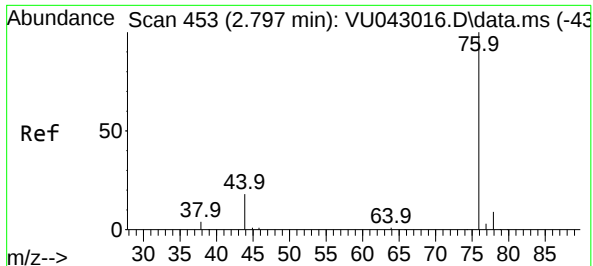
Tgt Ion:	53	Resp:	1357
Ion	Ratio	Lower	Upper
53	100		
52	84.9	68.2	102.2
51	26.5	29.2	43.8#



#16
Acetone
Concen: 1.27 ug/l
RT: 2.629 min Scan# 401
Delta R.T. -0.000 min
Lab File: VU043019.D
Acq: 12 Apr 2021 12:28

Tgt Ion:	43	Resp:	1607
Ion	Ratio	Lower	Upper
43	100		
58	36.7	21.5	32.3#

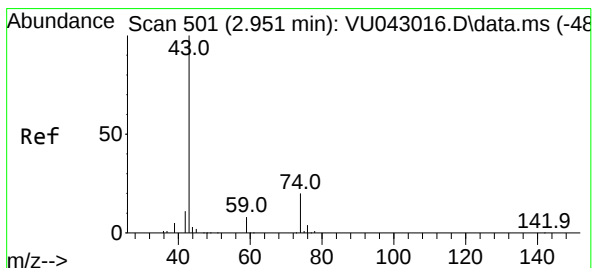
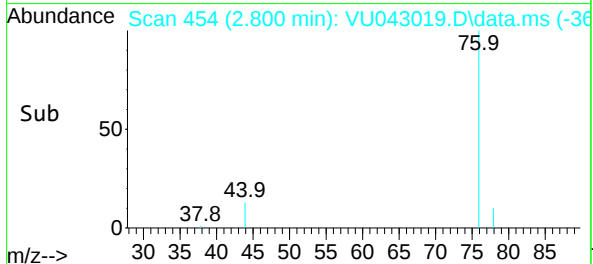
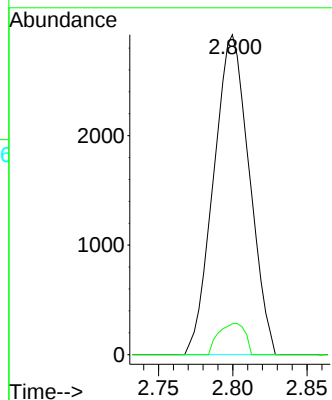
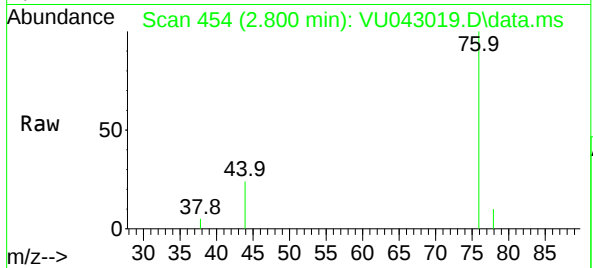




#17
Carbon Disulfide
Concen: 1.33 ug/l
RT: 2.800 min Scan# 454
Delta R.T. 0.003 min
Lab File: VU043019.D
Acq: 12 Apr 2021 12:28

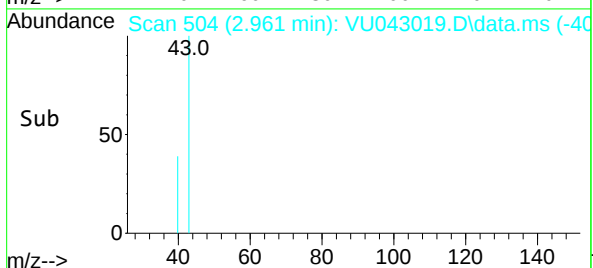
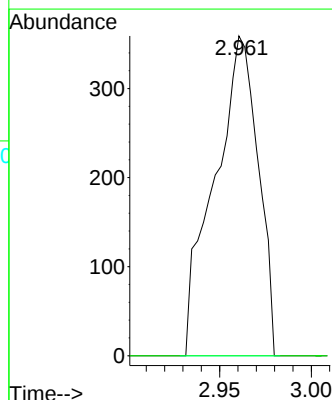
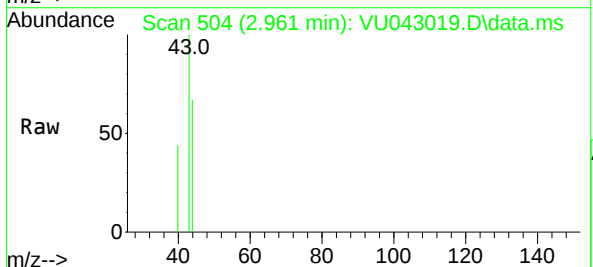
Instrument :
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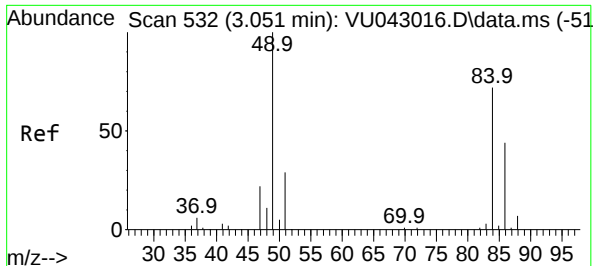
Tgt Ion: 76 Resp: 4879
Ion Ratio Lower Upper
76 100
78 9.6 7.5 11.3



#18
Methyl Acetate
Concen: 0.26 ug/l
RT: 2.961 min Scan# 504
Delta R.T. 0.010 min
Lab File: VU043019.D
Acq: 12 Apr 2021 12:28

Tgt Ion: 43 Resp: 596
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#





#20

Methylene Chloride

Concen: 0.22 ug/l

RT: 3.057 min Scan# 534

Delta R.T. 0.006 min

Lab File: VU043019.D

Acq: 12 Apr 2021 12:28

Tgt Ion: 84 Resp: 323

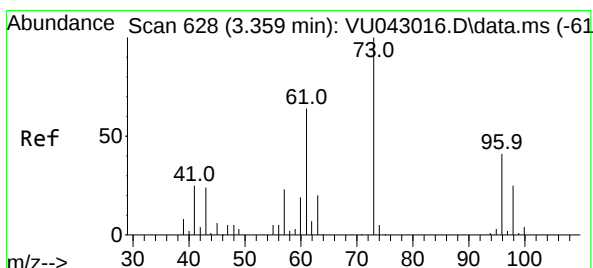
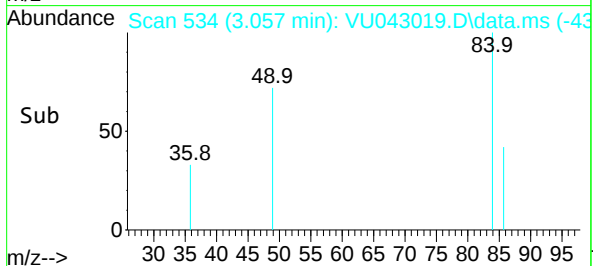
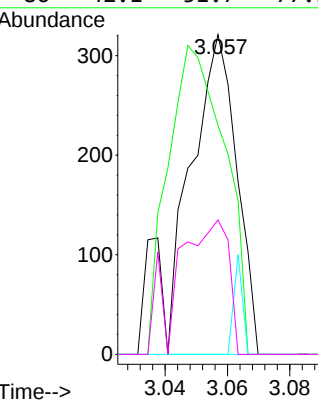
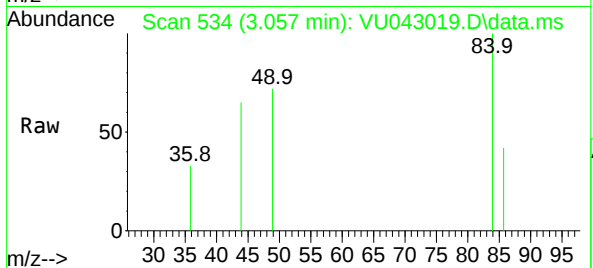
Ion Ratio Lower Upper

84 100

49 71.7 112.6 169.0#

51 0.0 33.7 50.5#

86 42.1 51.7 77.5#



#21

trans-1,2-Dichloroethene

Concen: 0.48 ug/l

RT: 3.366 min Scan# 630

Delta R.T. 0.006 min

Lab File: VU043019.D

Acq: 12 Apr 2021 12:28

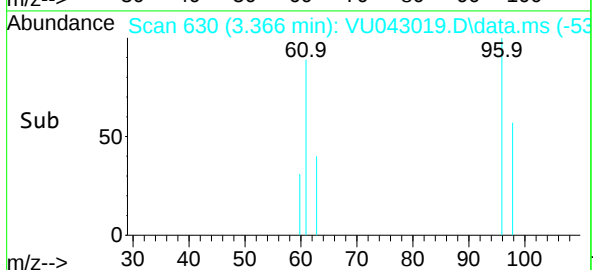
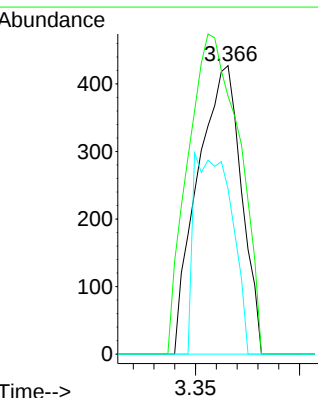
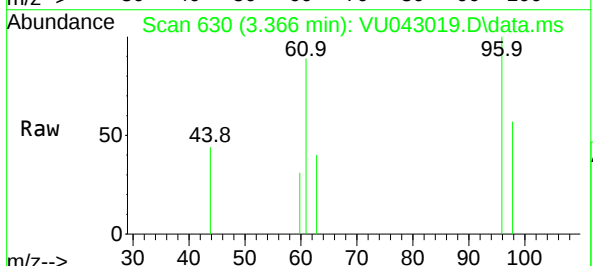
Tgt Ion: 96 Resp: 625

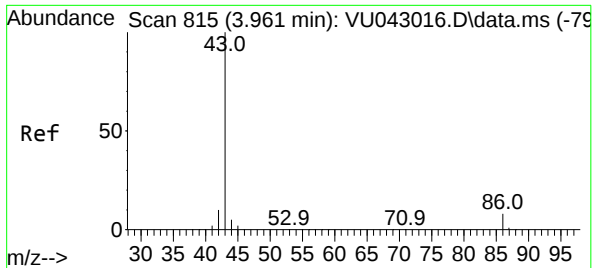
Ion Ratio Lower Upper

96 100

61 89.5 122.4 183.6#

98 57.4 51.9 77.9

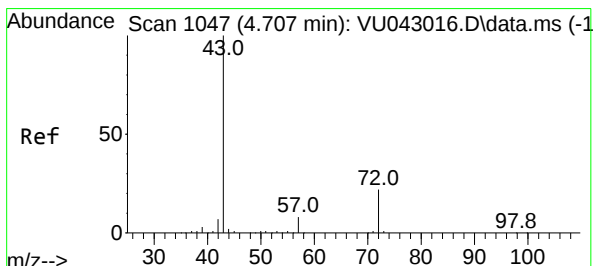
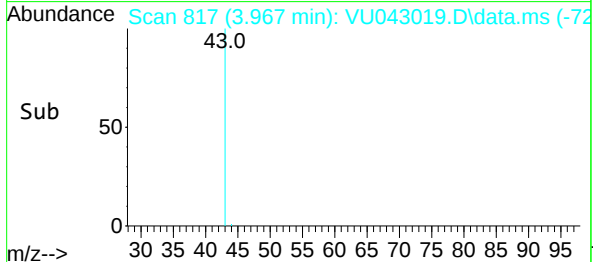
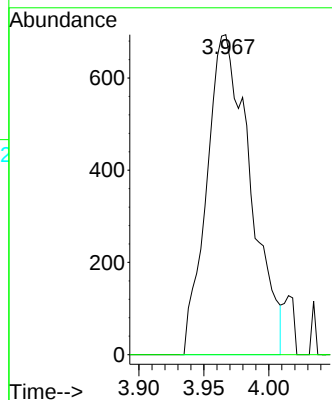
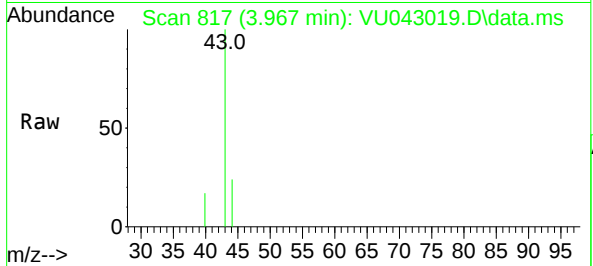




#23
 Vinyl Acetate
 Concen: 0.33 ug/l
 RT: 3.967 min Scan# 817
 Delta R.T. 0.006 min
 Lab File: VU043019.D
 Acq: 12 Apr 2021 12:28

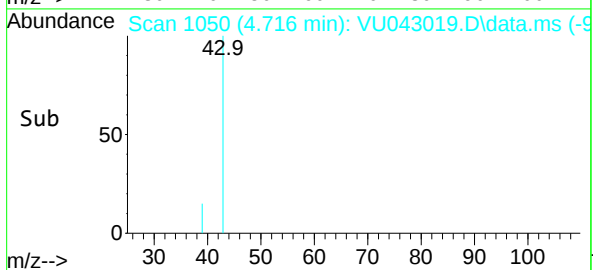
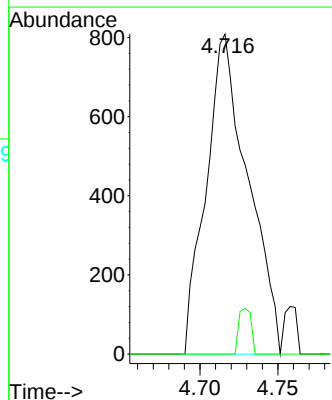
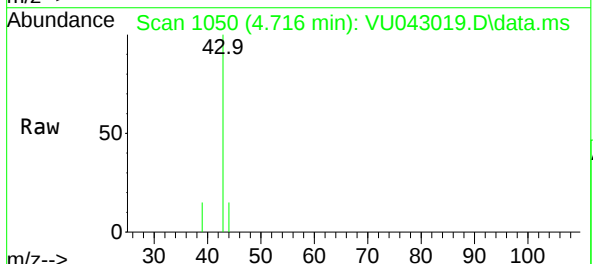
Instrument :
 MSVOA_U
 ClientSampleId :
 IBLK

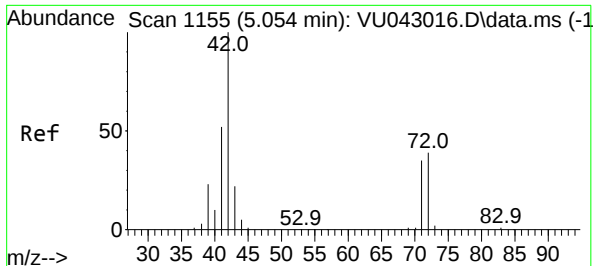
Tgt Ion: 43 Resp: 1622
 Ion Ratio Lower Upper
 43 100
 86 0.0 6.7 10.1#



#25
 2-Butanone
 Concen: 0.88 ug/l
 RT: 4.716 min Scan# 1050
 Delta R.T. 0.010 min
 Lab File: VU043019.D
 Acq: 12 Apr 2021 12:28

Tgt Ion: 43 Resp: 1511
 Ion Ratio Lower Upper
 43 100
 72 0.0 17.4 26.0#





#29

Tetrahydrofuran

Concen: 1.25 ug/l

RT: 5.057 min Scan# 1156

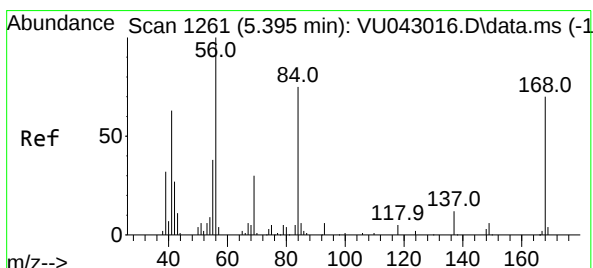
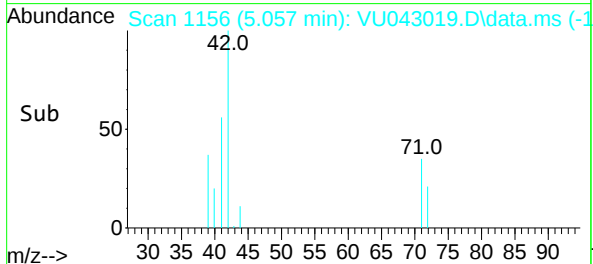
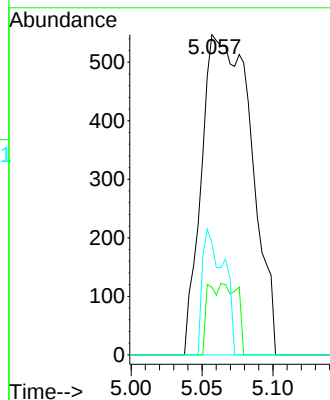
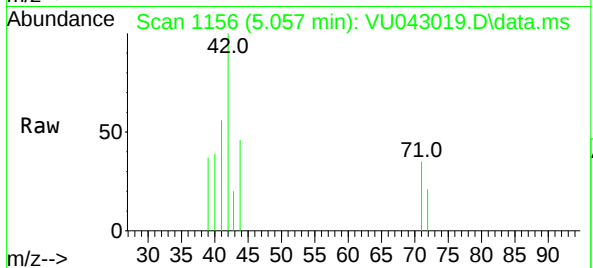
Delta R.T. 0.003 min

Lab File: VU043019.D

Acq: 12 Apr 2021 12:28

Instrument :
MSVOA_U
ClientSampleId :
IBLK

Tgt Ion:	42	Resp:	1331
Ion	Ratio	Lower	Upper
42	100		
72	4.9	31.5	47.3#
71	16.9	29.5	44.3#



#31

Cyclohexane

Concen: 1.37 ug/l

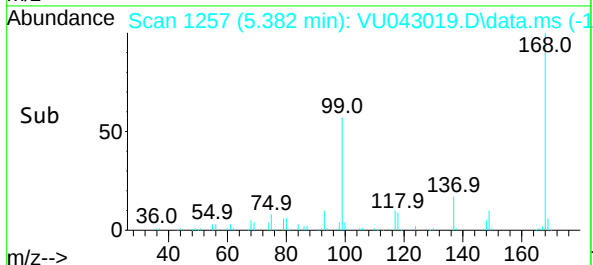
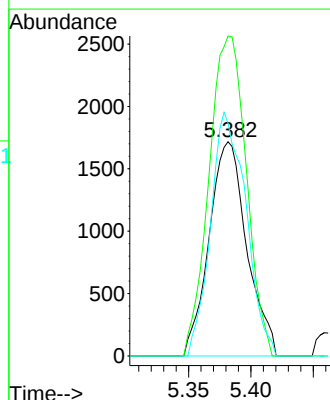
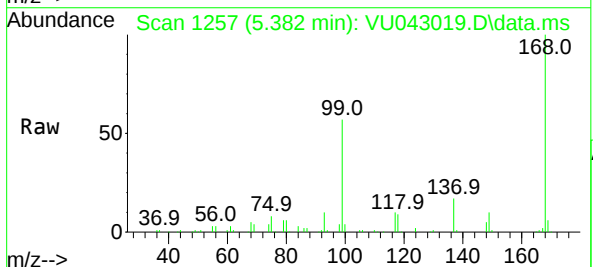
RT: 5.382 min Scan# 1257

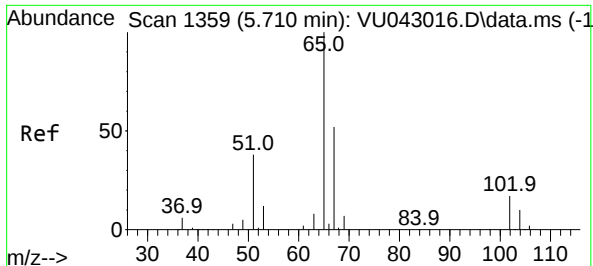
Delta R.T. -0.013 min

Lab File: VU043019.D

Acq: 12 Apr 2021 12:28

Tgt Ion:	56	Resp:	3613
Ion	Ratio	Lower	Upper
56	100		
69	149.4	24.9	37.3#
84	108.7	63.7	95.5#

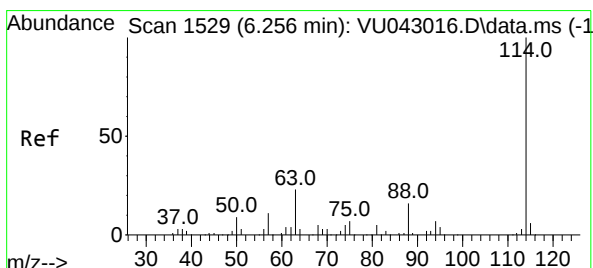
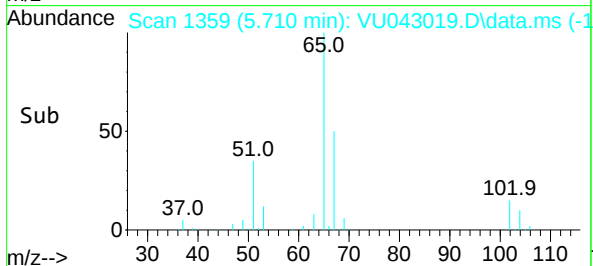
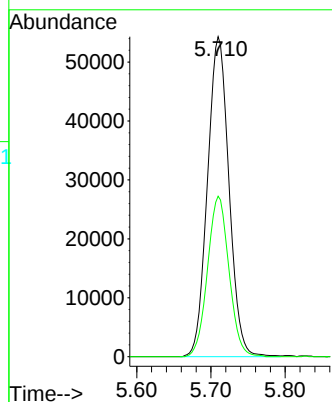
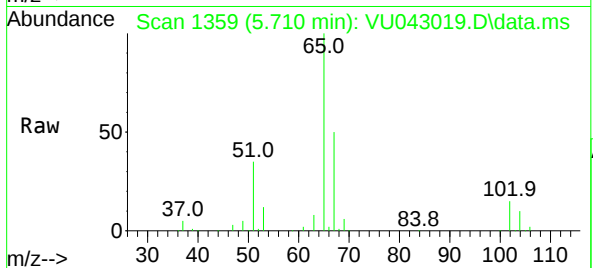




#33
 1,2-Dichloroethane-d4
 Concen: 54.48 ug/l
 RT: 5.710 min Scan# 1359
 Delta R.T. -0.000 min
 Lab File: VU043019.D
 Acq: 12 Apr 2021 12:28

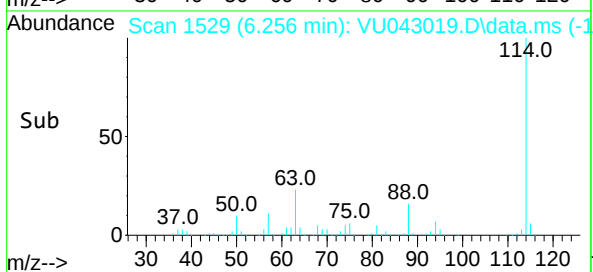
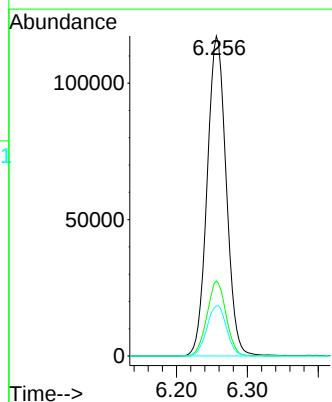
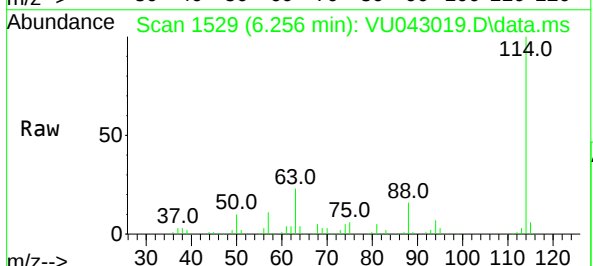
Instrument :
 MSVOA_U
 ClientSampled :
 IBLK

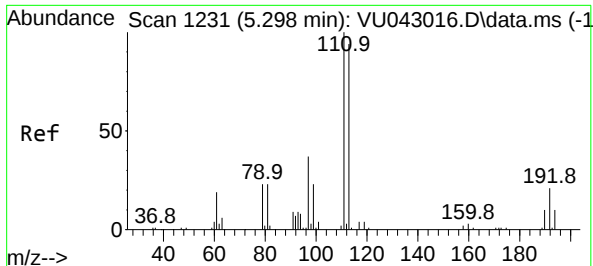
Tgt Ion: 65 Resp: 109121
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.256 min Scan# 1529
 Delta R.T. -0.000 min
 Lab File: VU043019.D
 Acq: 12 Apr 2021 12:28

Tgt Ion: 114 Resp: 218740
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 44.2
 88 15.6 0.0 33.4





#35

Dibromofluoromethane

Concen: 49.23 ug/l

RT: 5.298 min Scan# 1231

Delta R.T. -0.000 min

Lab File: VU043019.D

Acq: 12 Apr 2021 12:28

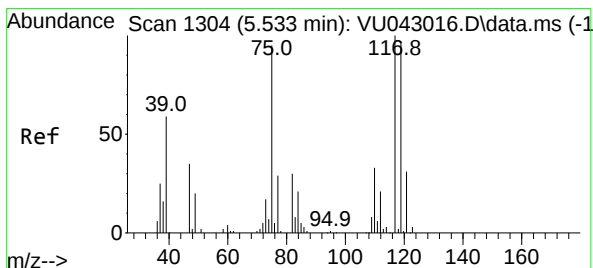
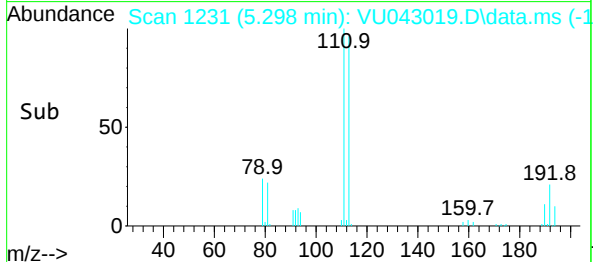
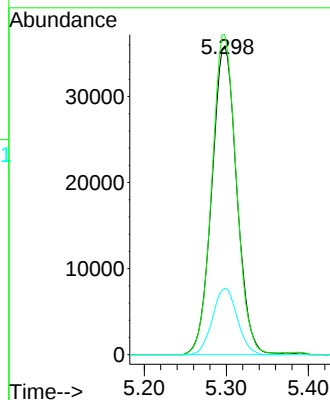
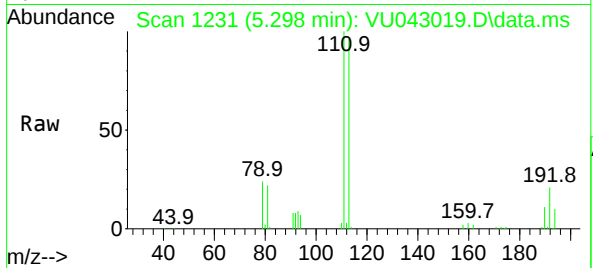
Tgt Ion:113 Resp: 75858

Ion Ratio Lower Upper

113 100

111 101.9 81.8 122.8

192 21.4 17.2 25.8



#36

1,1-Dichloropropene

Concen: 5.44 ug/l

RT: 5.378 min Scan# 1256

Delta R.T. -0.154 min

Lab File: VU043019.D

Acq: 12 Apr 2021 12:28

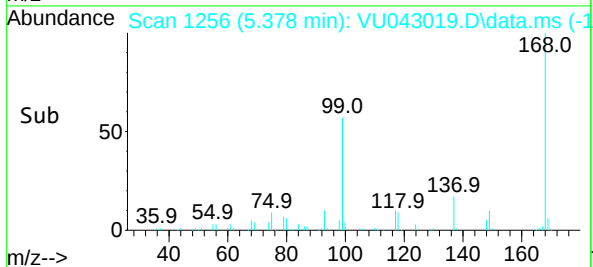
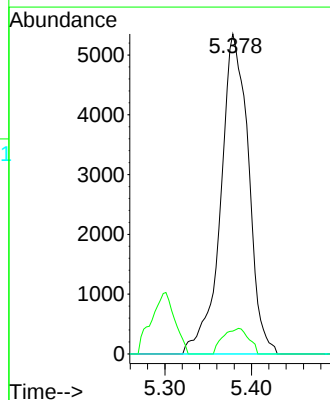
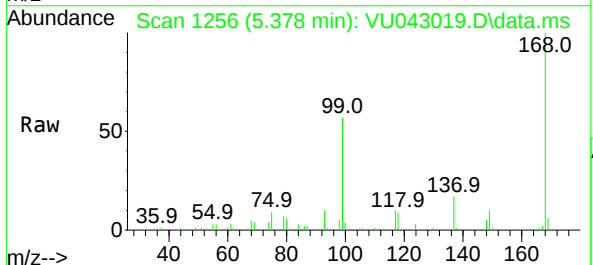
Tgt Ion: 75 Resp: 11936

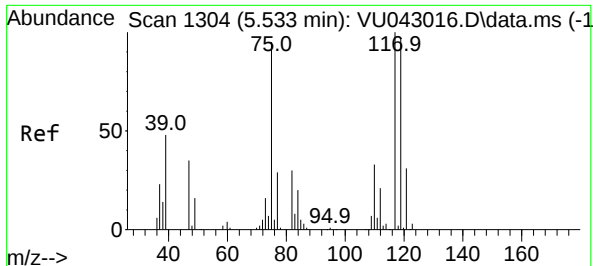
Ion Ratio Lower Upper

75 100

110 7.4 16.8 50.3#

77 0.0 24.8 37.2#

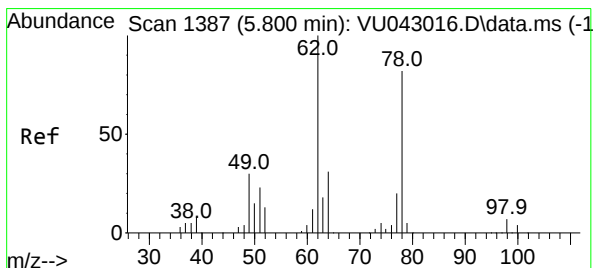
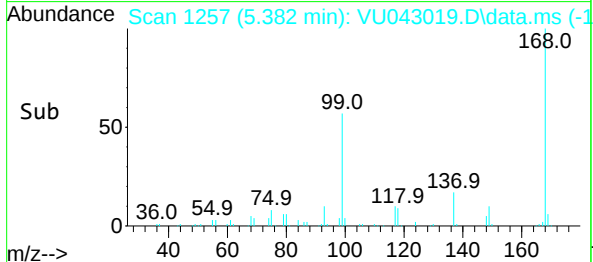
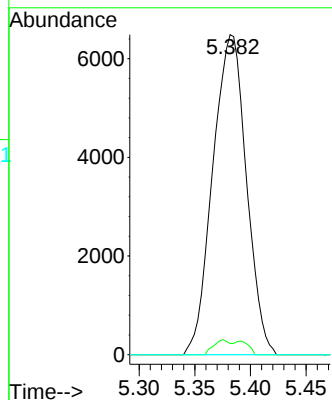
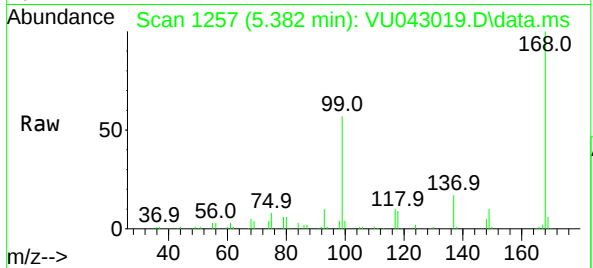




#38
Carbon Tetrachloride
Concen: 5.82 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043019.D
Acq: 12 Apr 2021 12:28

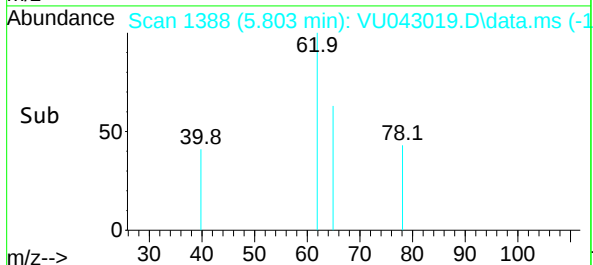
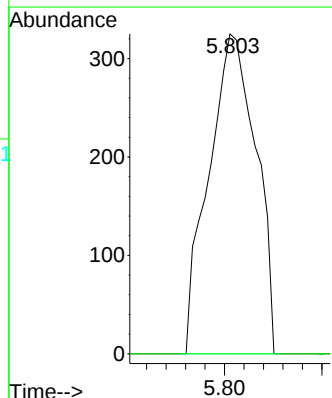
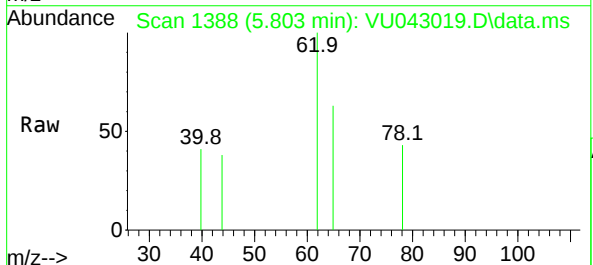
Instrument :
MSVOA_U
ClientSampleId :
IBLK

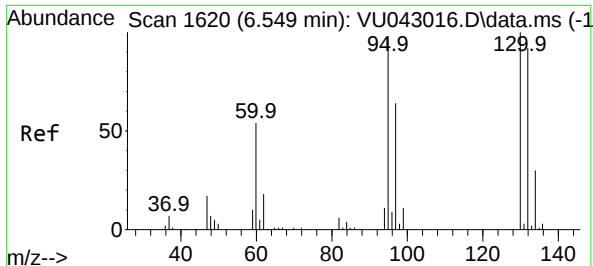
Tgt Ion:117 Resp: 13628
Ion Ratio Lower Upper
117 100
119 3.5 75.5 113.3#
121 0.0 24.7 37.1#



#42
1,2-Dichloroethane
Concen: 0.20 ug/l
RT: 5.803 min Scan# 1388
Delta R.T. 0.003 min
Lab File: VU043019.D
Acq: 12 Apr 2021 12:28

Tgt Ion: 62 Resp: 546
Ion Ratio Lower Upper
62 100
98 0.0 0.0 14.8

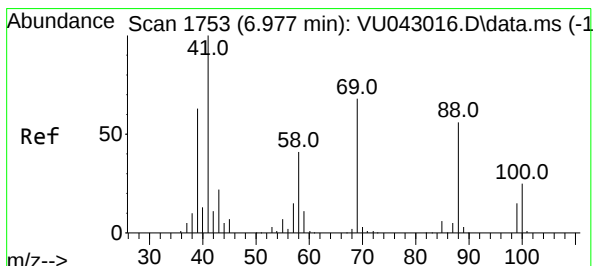
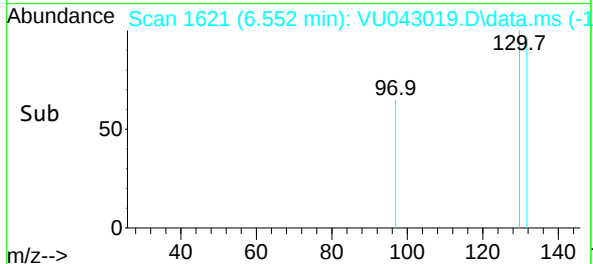
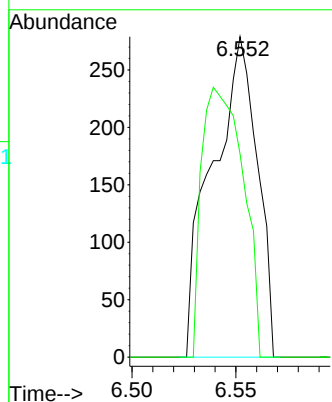
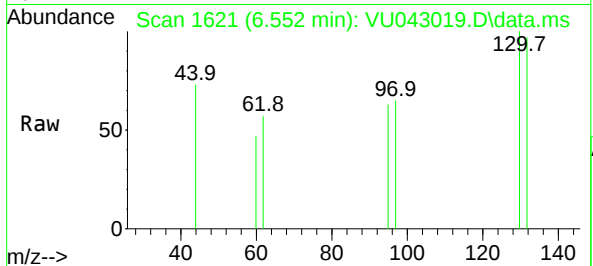




#44
Trichloroethene
Concen: 0.26 ug/l
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU043019.D
Acq: 12 Apr 2021 12:28

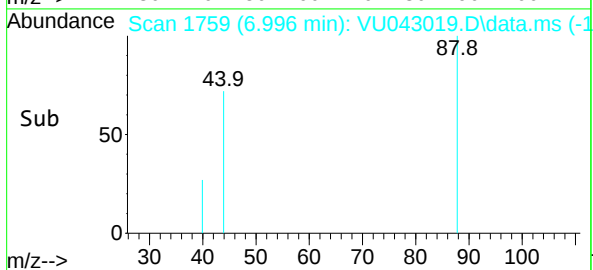
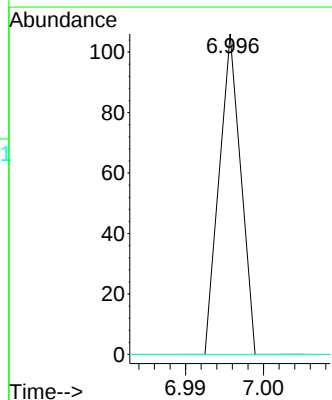
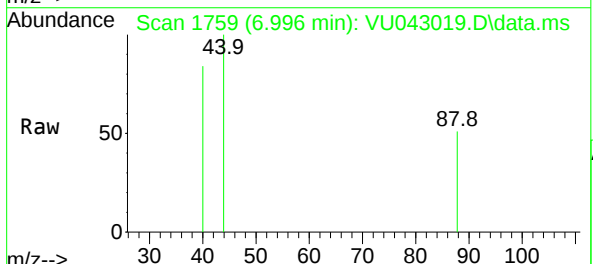
Instrument :
MSVOA_U
ClientSampleId :
IBLK

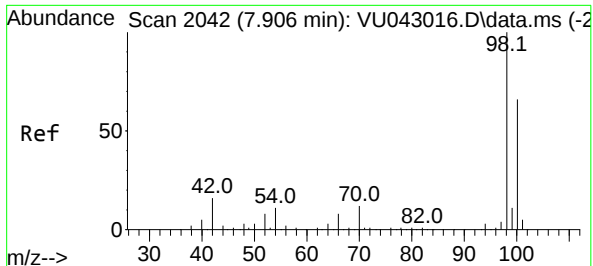
Tgt Ion:130 Resp: 421
Ion Ratio Lower Upper
130 100
95 63.4 0.0 197.8



#49
1,4-Dioxane
Concen: 0.41 ug/l
RT: 6.996 min Scan# 1759
Delta R.T. 0.019 min
Lab File: VU043019.D
Acq: 12 Apr 2021 12:28

Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 205.0 60.4 90.6#

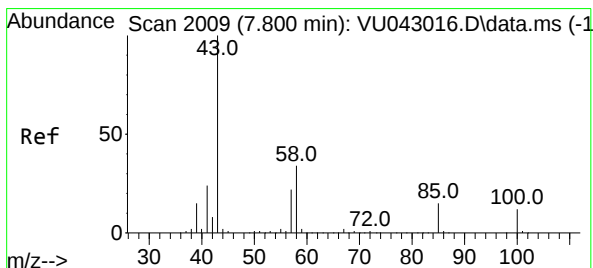
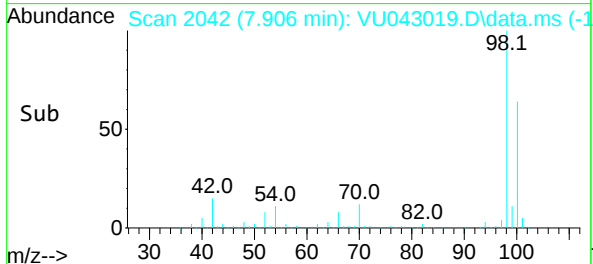
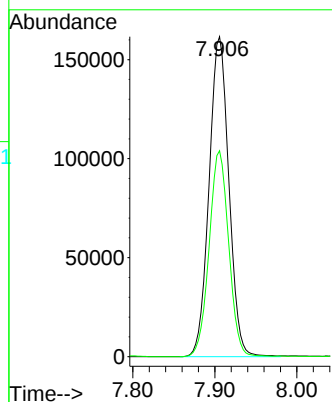
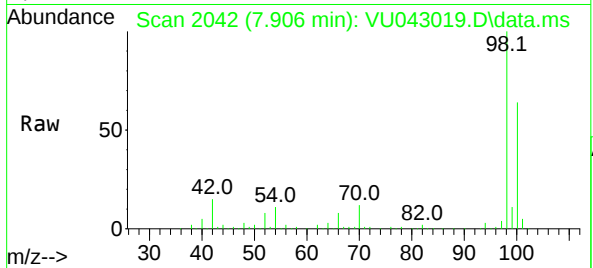




#50
Toluene-d8
Concen: 48.90 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043019.D
Acq: 12 Apr 2021 12:28

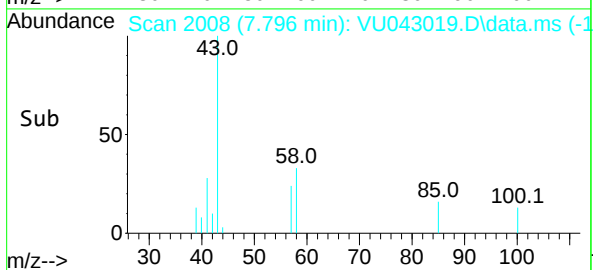
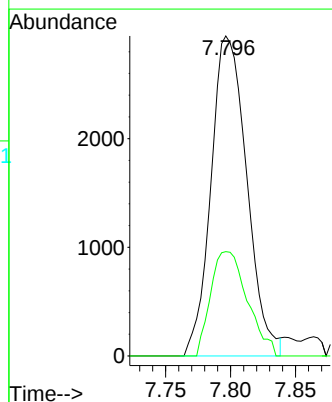
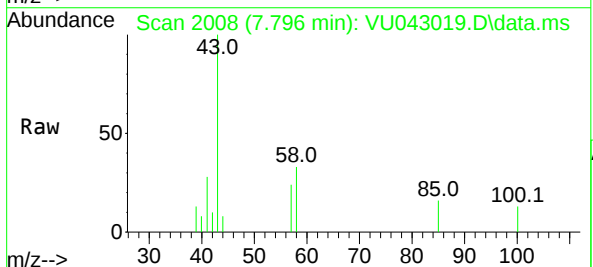
Instrument :
MSVOA_U
ClientSampleId :
IBLK

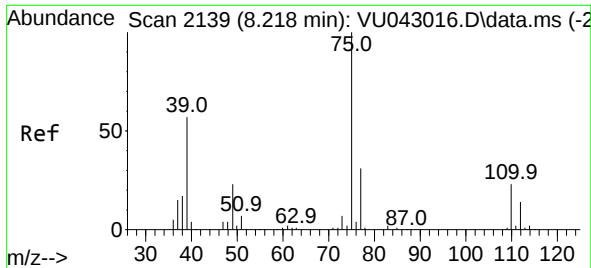
Tgt Ion: 98 Resp: 270963
Ion Ratio Lower Upper
98 100
100 63.6 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.62 ug/l
RT: 7.796 min Scan# 2008
Delta R.T. -0.003 min
Lab File: VU043019.D
Acq: 12 Apr 2021 12:28

Tgt Ion: 43 Resp: 5648
Ion Ratio Lower Upper
43 100
58 33.5 28.1 42.1

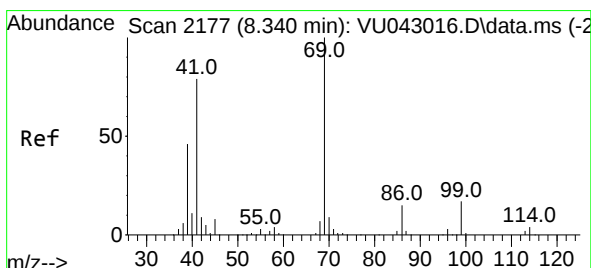
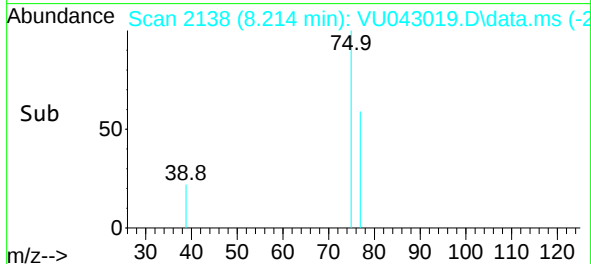
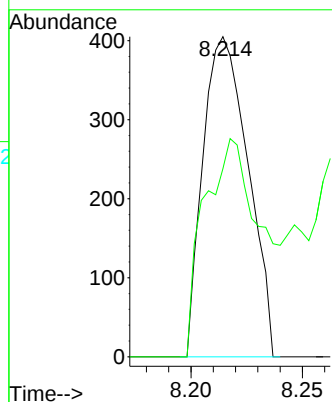
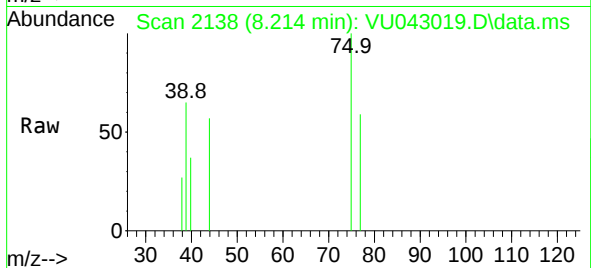




#53
t-1,3-Dichloropropene
Concen: 0.22 ug/l
RT: 8.214 min Scan# 2138
Delta R.T. -0.003 min
Lab File: VU043019.D
Acq: 12 Apr 2021 12:28

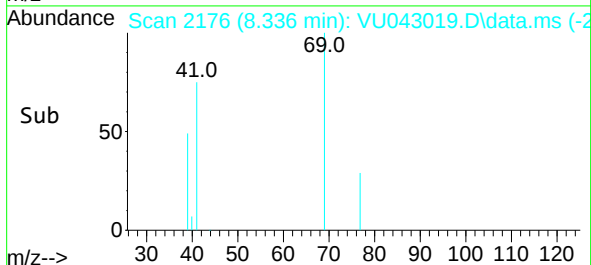
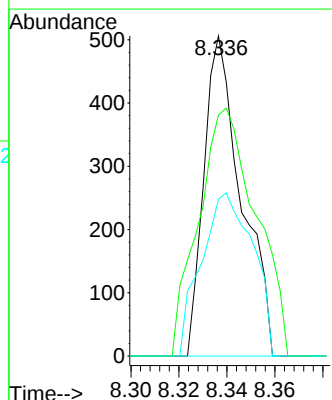
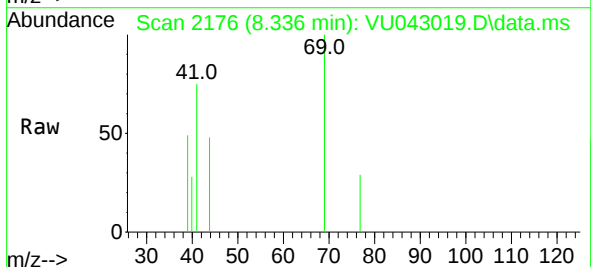
Instrument :
MSVOA_U
ClientSampleId :
IBLK

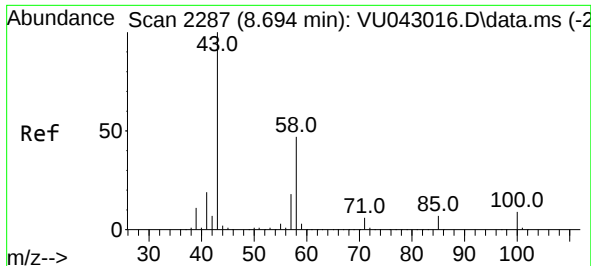
Tgt Ion: 75 Resp: 568
Ion Ratio Lower Upper
75 100
77 58.8 25.6 38.4#



#56
Ethyl methacrylate
Concen: 0.20 ug/l
RT: 8.336 min Scan# 2176
Delta R.T. -0.003 min
Lab File: VU043019.D
Acq: 12 Apr 2021 12:28

Tgt Ion: 69 Resp: 546
Ion Ratio Lower Upper
69 100
41 119.2 62.8 94.2#
39 70.5 36.2 54.2#





#59

2-Hexanone

Concen: 2.76 ug/l

RT: 8.690 min Scan# 2286

Delta R.T. -0.003 min

Lab File: VU043019.D

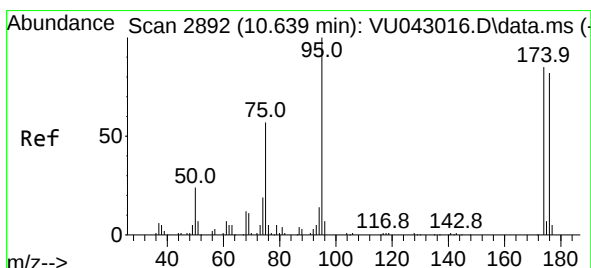
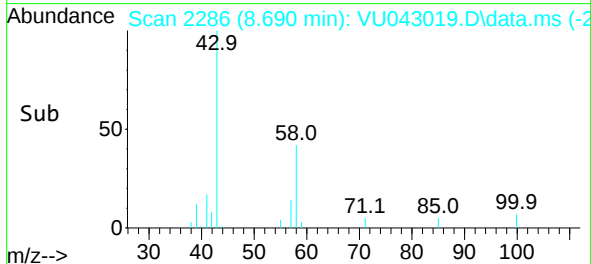
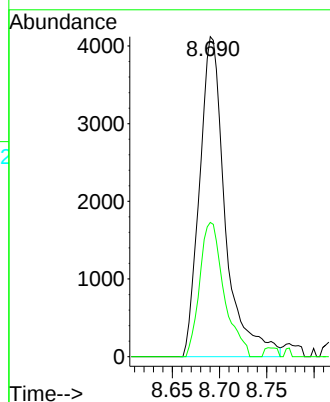
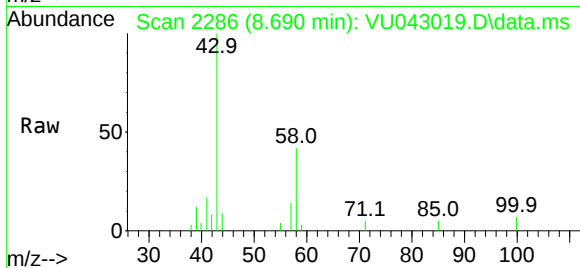
Acq: 12 Apr 2021 12:28

Tgt Ion: 43 Resp: 7760

Ion Ratio Lower Upper

43 100

58 39.7 24.0 72.0



#62

4-Bromofluorobenzene

Concen: 44.19 ug/l

RT: 10.639 min Scan# 2892

Delta R.T. -0.000 min

Lab File: VU043019.D

Acq: 12 Apr 2021 12:28

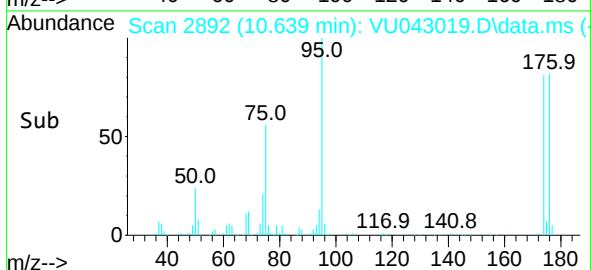
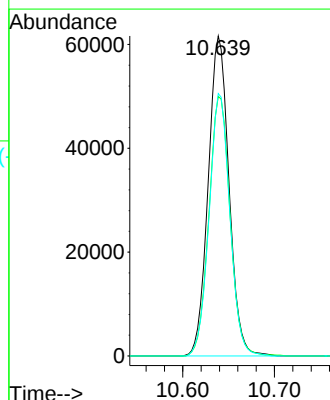
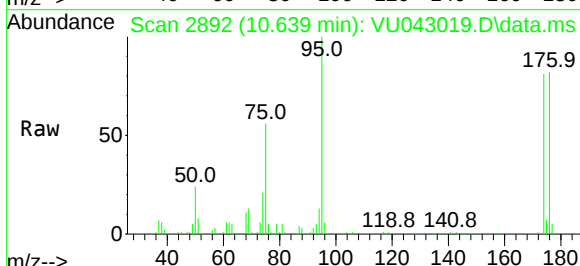
Tgt Ion: 95 Resp: 97109

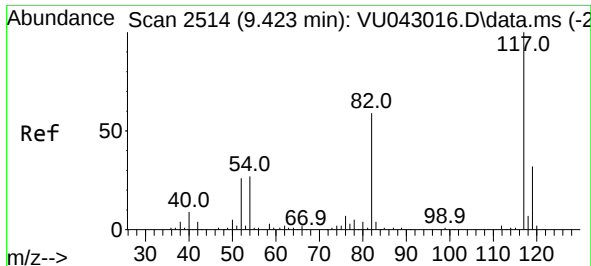
Ion Ratio Lower Upper

95 100

174 82.8 0.0 172.2

176 81.8 0.0 168.8

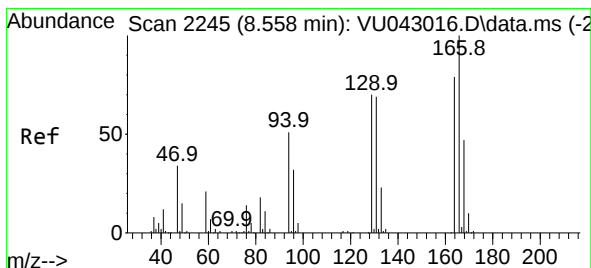
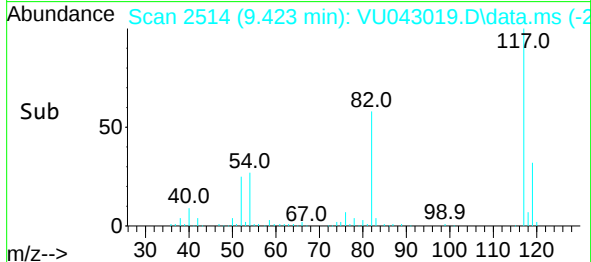
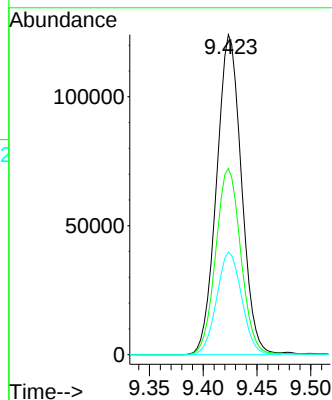
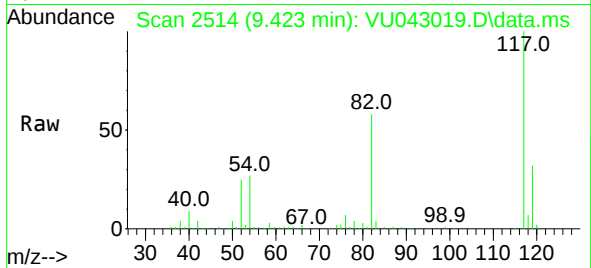




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.000 min
Lab File: VU043019.D
Acq: 12 Apr 2021 12:28

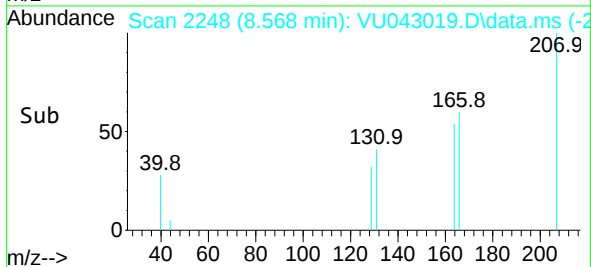
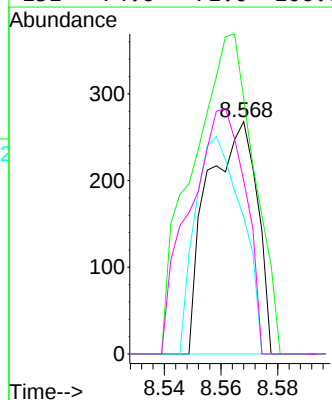
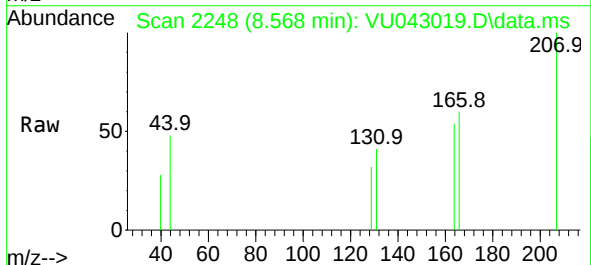
Instrument :
MSVOA_U
ClientSampleId :
IBLK

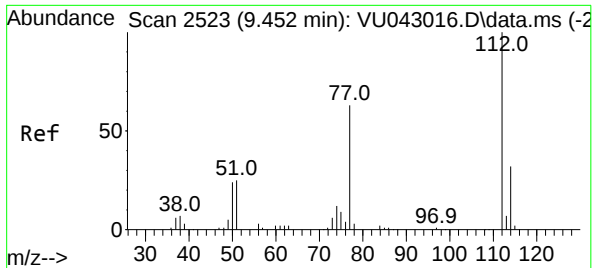
Tgt Ion:117 Resp: 199492
Ion Ratio Lower Upper
117 100
82 58.2 45.8 68.6
119 32.1 25.8 38.8



#64
Tetrachloroethene
Concen: 0.22 ug/l
RT: 8.568 min Scan# 2248
Delta R.T. 0.010 min
Lab File: VU043019.D
Acq: 12 Apr 2021 12:28

Tgt Ion:164 Resp: 322
Ion Ratio Lower Upper
164 100
166 109.7 105.3 157.9
129 59.0 75.0 112.6#
131 74.6 71.0 106.6

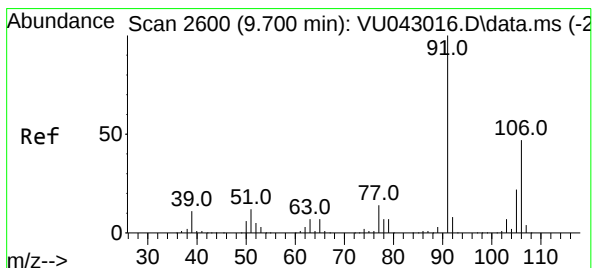
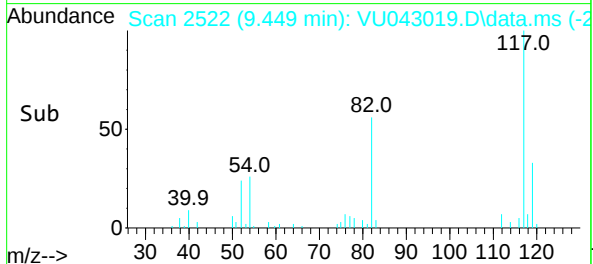
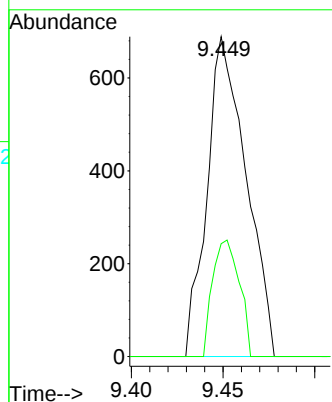
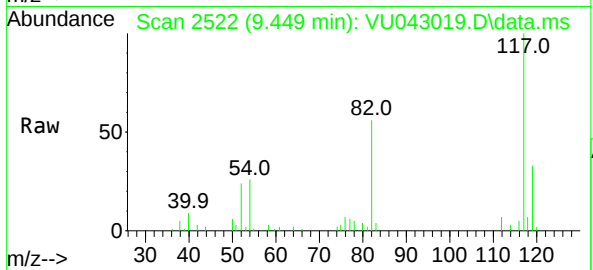




#65
Chlorobenzene
Concen: 0.25 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. -0.003 min
Lab File: VU043019.D
Acq: 12 Apr 2021 12:28

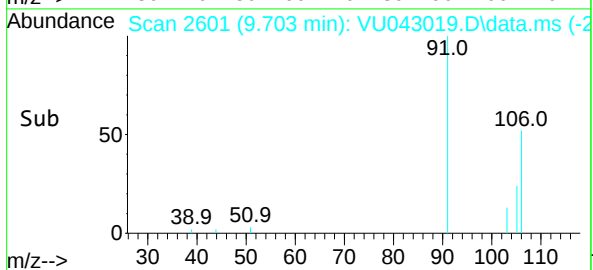
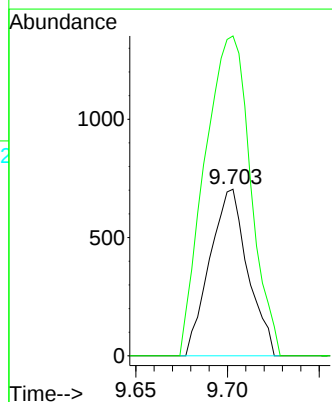
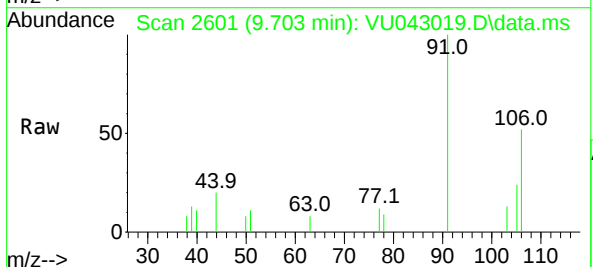
Instrument :
MSVOA_U
ClientSampleId :
IBLK

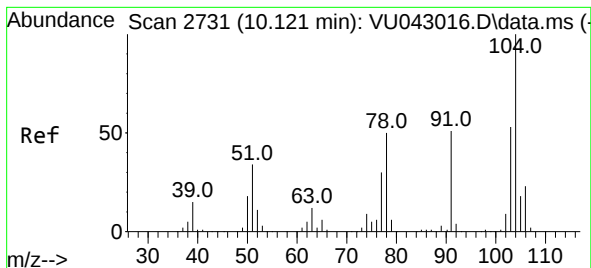
Tgt Ion:112 Resp: 1022
Ion Ratio Lower Upper
112 100
114 35.3 25.0 37.4



#68
m/p-Xylenes
Concen: 0.38 ug/l
RT: 9.703 min Scan# 2601
Delta R.T. 0.003 min
Lab File: VU043019.D
Acq: 12 Apr 2021 12:28

Tgt Ion:106 Resp: 1013
Ion Ratio Lower Upper
106 100
91 231.7 169.9 254.9





#70

Styrene

Concen: 0.22 ug/l

RT: 10.121 min Scan# 2731

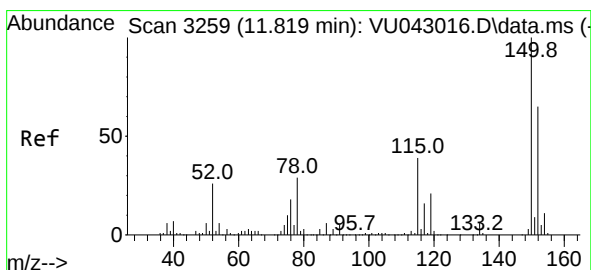
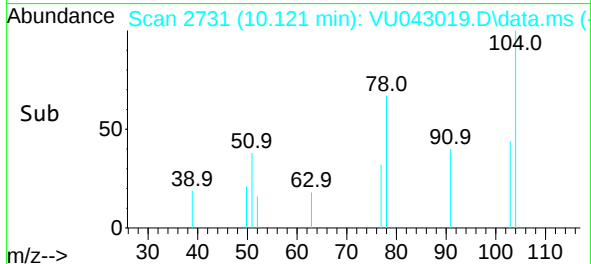
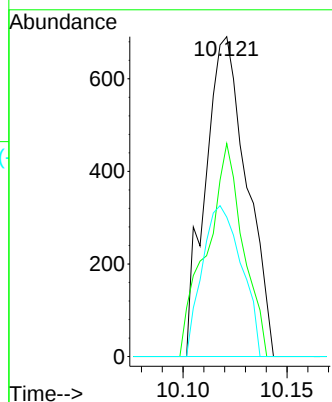
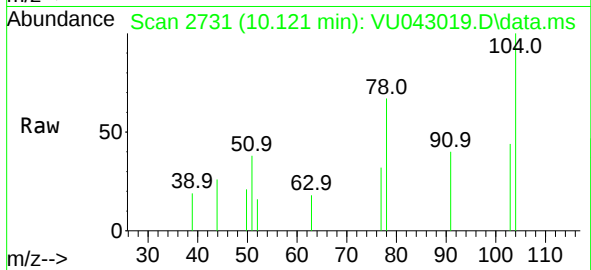
Delta R.T. -0.000 min

Lab File: VU043019.D

Acq: 12 Apr 2021 12:28

Tgt Ion:	104	Resp:	958
Ion	Ratio	Lower	Upper
104	100		
78	58.6	44.8	67.2
103	44.5	45.7	68.5#

Instrument :
MSVOA_U
ClientSampleId :
IBLK



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

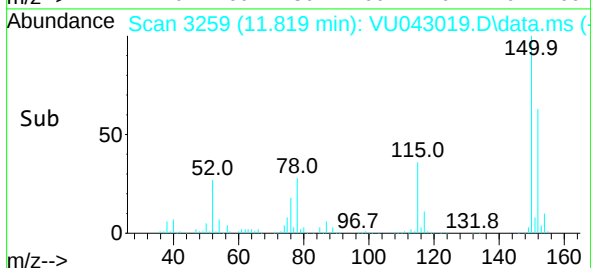
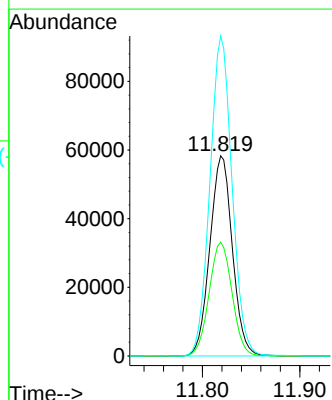
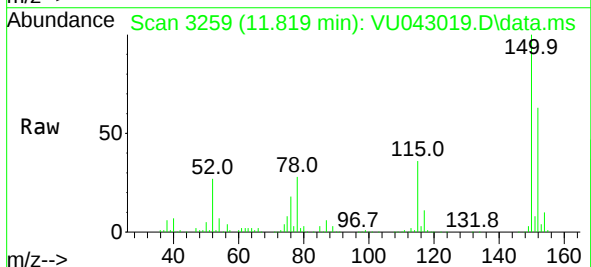
RT: 11.819 min Scan# 3259

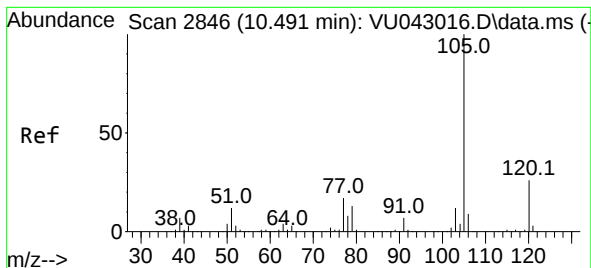
Delta R.T. -0.000 min

Lab File: VU043019.D

Acq: 12 Apr 2021 12:28

Tgt Ion:	152	Resp:	93531
Ion	Ratio	Lower	Upper
152	100		
115	57.9	41.5	124.6
150	157.4	0.0	342.4





#73

Isopropylbenzene

Concen: 0.27 ug/l

RT: 10.488 min Scan# 2845

Delta R.T. -0.003 min

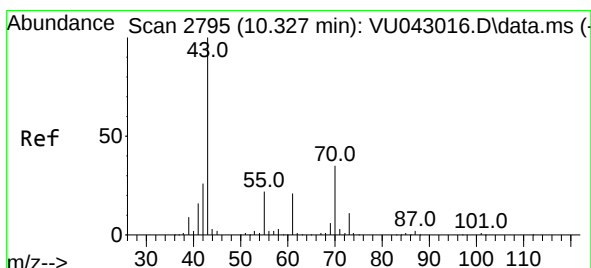
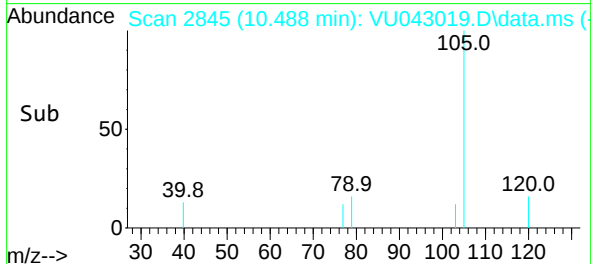
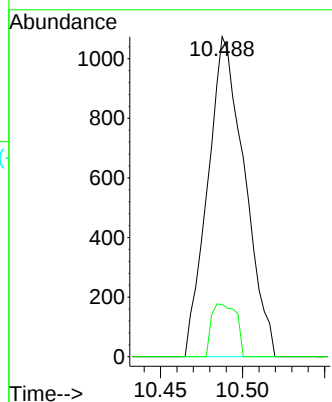
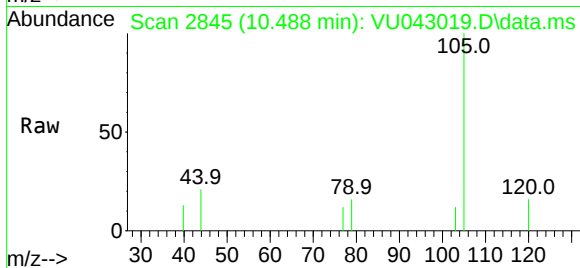
Lab File: VU043019.D

Acq: 12 Apr 2021 12:28

Tgt Ion:105 Resp: 1675

Ion Ratio Lower Upper

105 100
120 11.0 13.1 39.3#



#74

N-ethyl acetate

Concen: 1.15 ug/l

RT: 10.327 min Scan# 2795

Delta R.T. -0.000 min

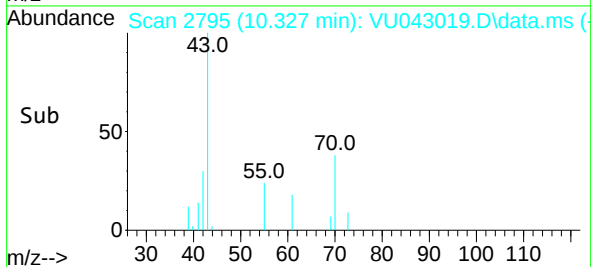
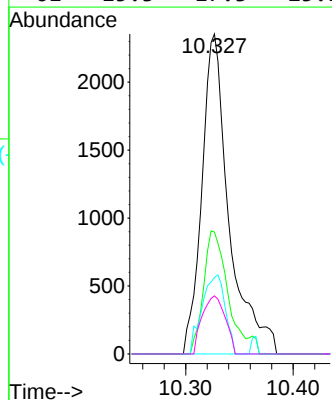
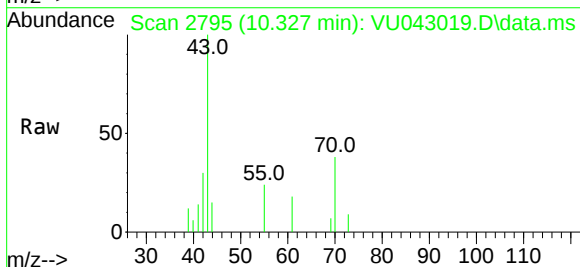
Lab File: VU043019.D

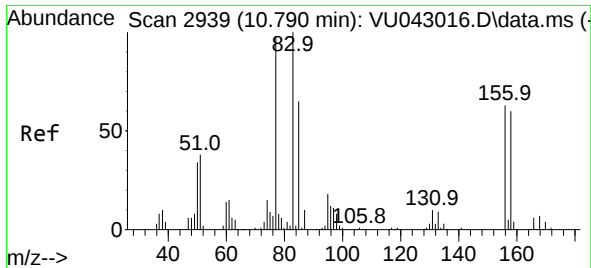
Acq: 12 Apr 2021 12:28

Tgt Ion: 43 Resp: 4149

Ion Ratio Lower Upper

43 100
70 35.1 28.3 42.5
55 20.9 17.2 25.8
61 15.3 17.3 25.9#

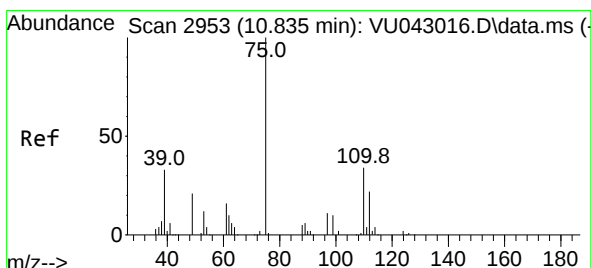
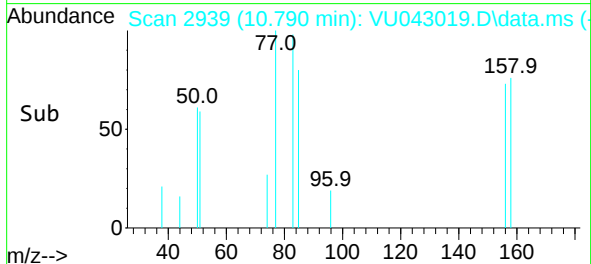
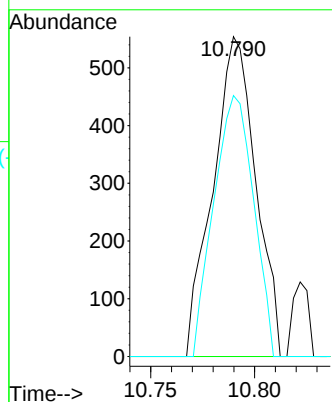
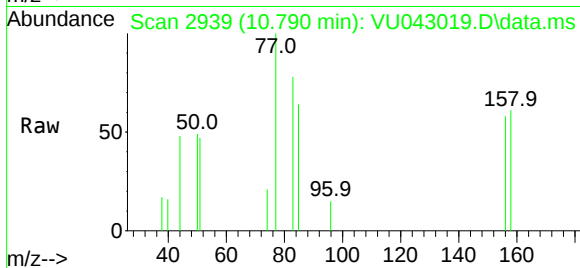




#75
1,1,2,2-Tetrachloroethane
Concen: 0.33 ug/l
RT: 10.790 min Scan# 2939
Delta R.T. -0.000 min
Lab File: VU043019.D
Acq: 12 Apr 2021 12:28

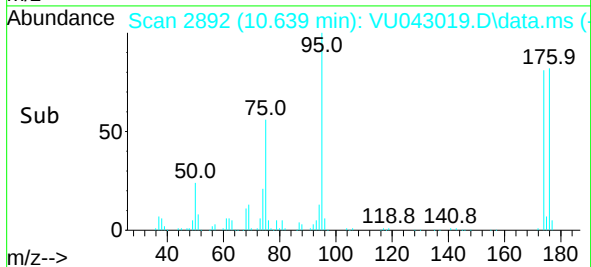
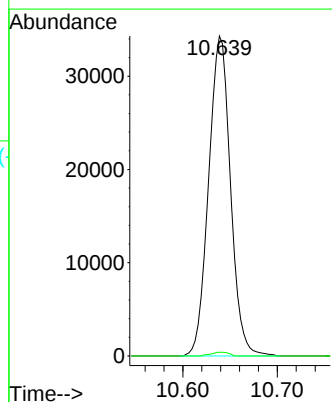
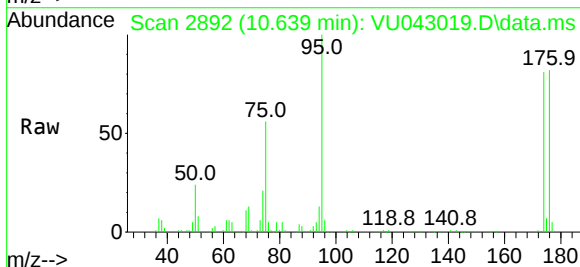
Instrument :
MSVOA_U
ClientSampleId :
IBLK

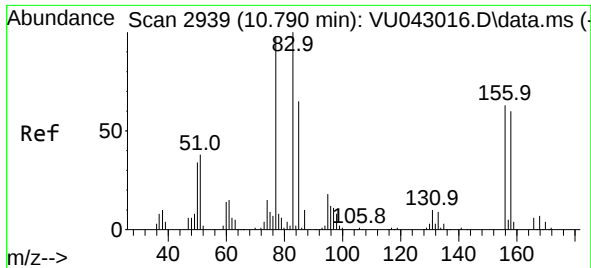
Tgt Ion: 83 Resp: 795
Ion Ratio Lower Upper
83 100
131 0.0 5.1 15.2#
85 75.7 31.7 95.1



#76
1,2,3-Trichloropropane
Concen: 23.15 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.196 min
Lab File: VU043019.D
Acq: 12 Apr 2021 12:28

Tgt Ion: 75 Resp: 55109
Ion Ratio Lower Upper
75 100
77 1.0 20.2 60.5#

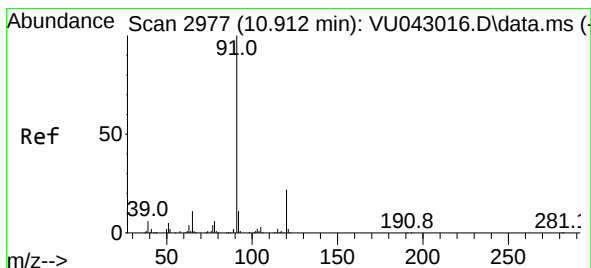
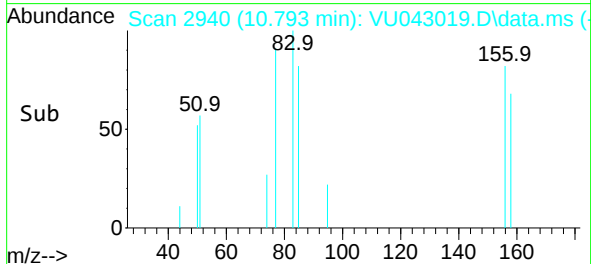
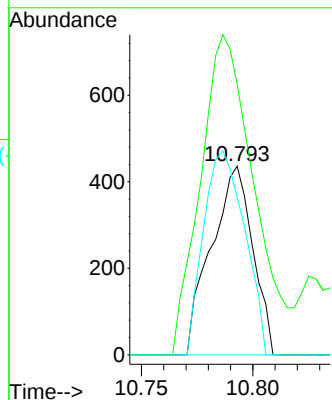
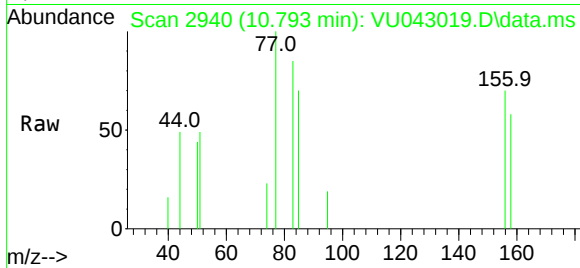




#77
Bromobenzene
Concen: 0.34 ug/l
RT: 10.793 min Scan# 2940
Delta R.T. 0.003 min
Lab File: VU043019.D
Acq: 12 Apr 2021 12:28

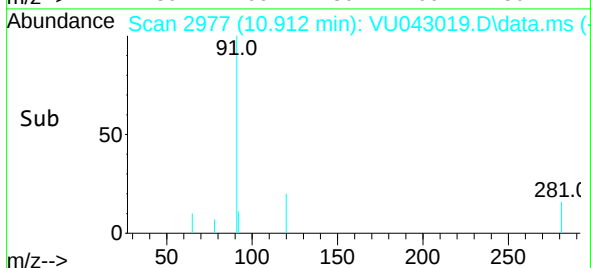
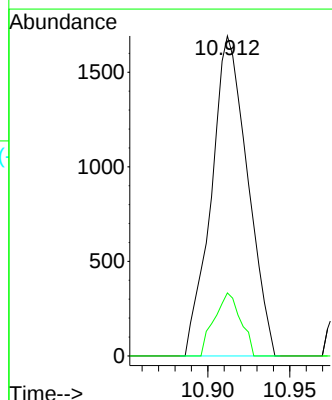
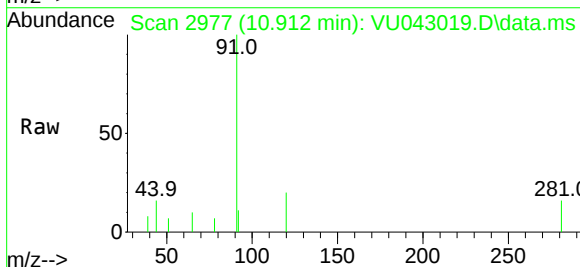
Instrument :
MSVOA_U
ClientSampleId :
IBLK

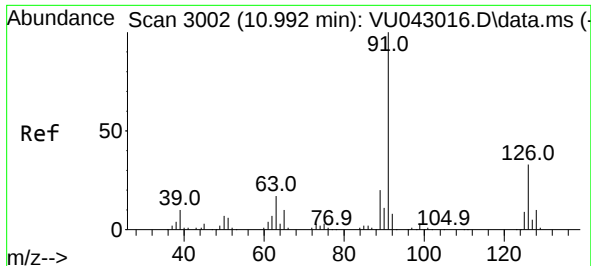
Tgt Ion:156 Resp: 563
Ion Ratio Lower Upper
156 100
77 216.9 79.3 238.1
158 107.5 48.3 144.9



#78
n-propylbenzene
Concen: 0.36 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. -0.000 min
Lab File: VU043019.D
Acq: 12 Apr 2021 12:28

Tgt Ion: 91 Resp: 2598
Ion Ratio Lower Upper
91 100
120 14.3 11.2 33.6

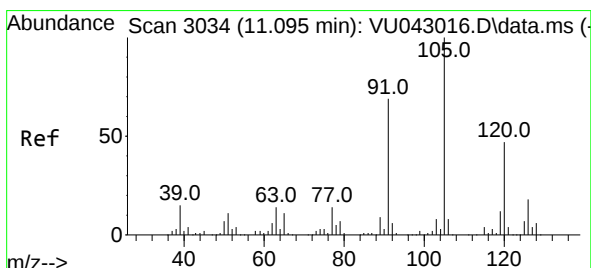
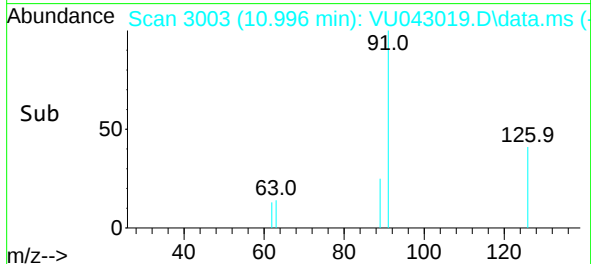
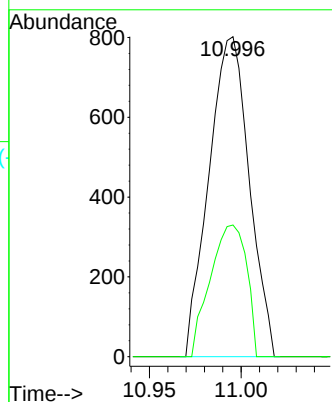
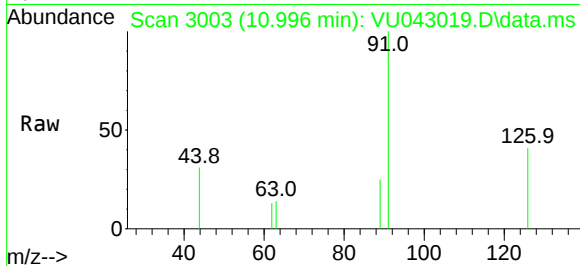




#79
2-Chlorotoluene
Concen: 0.28 ug/l
RT: 10.996 min Scan# 3003
Delta R.T. 0.003 min
Lab File: VU043019.D
Acq: 12 Apr 2021 12:28

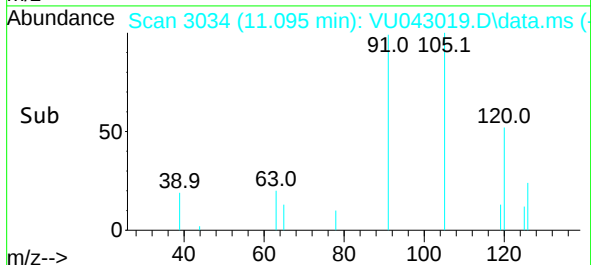
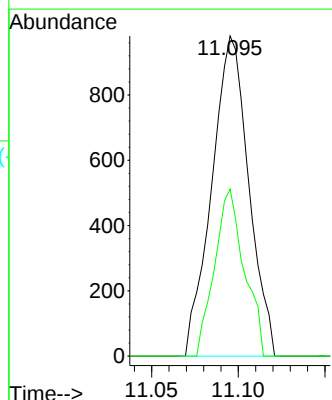
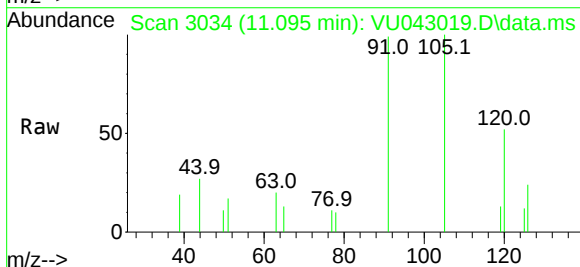
Instrument :
MSVOA_U
ClientSampleId :
IBLK

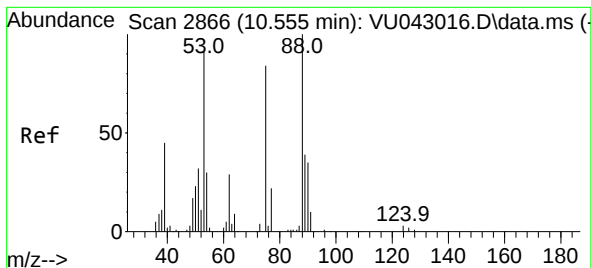
Tgt Ion: 91 Resp: 1227
Ion Ratio Lower Upper
91 100
126 37.1 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 0.27 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU043019.D
Acq: 12 Apr 2021 12:28

Tgt Ion: 105 Resp: 1452
Ion Ratio Lower Upper
105 100
120 41.9 23.8 71.4

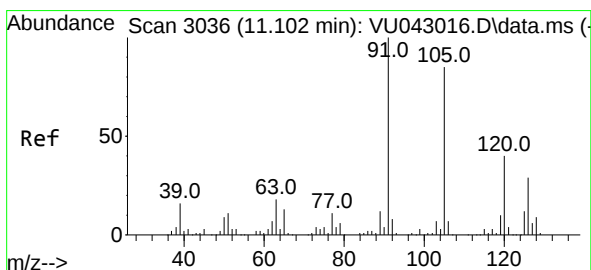
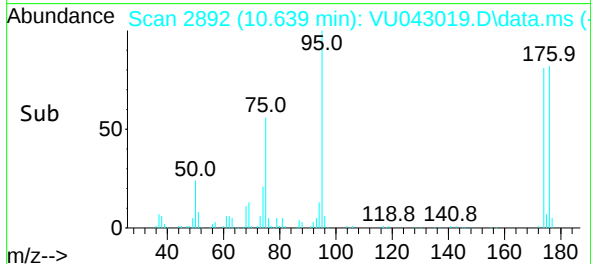
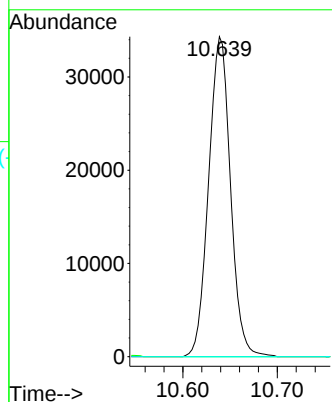
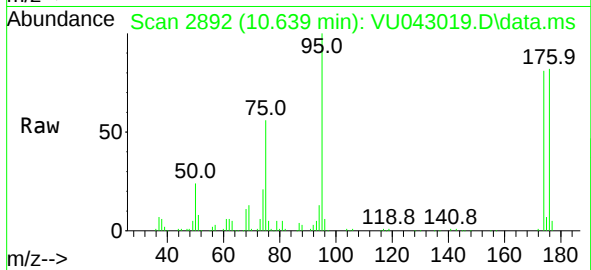




#81
trans-1,4-Dichloro-2-butene
Concen: 63.75 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043019.D
Acq: 12 Apr 2021 12:28

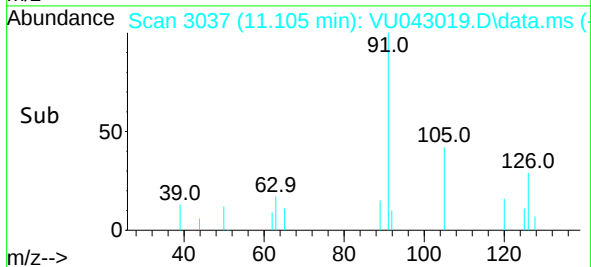
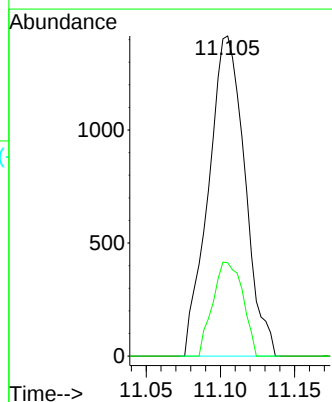
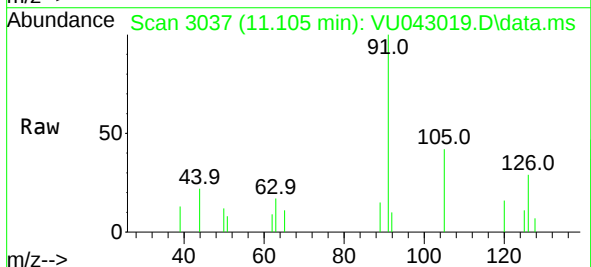
Instrument :
MSVOA_U
ClientSampleId :
IBLK

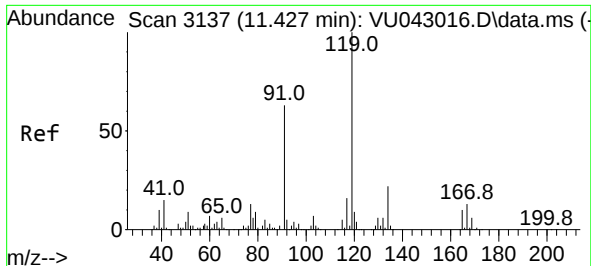
Tgt Ion: 75 Resp: 55109
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#



#82
4-Chlorotoluene
Concen: 0.47 ug/l
RT: 11.105 min Scan# 3037
Delta R.T. 0.003 min
Lab File: VU043019.D
Acq: 12 Apr 2021 12:28

Tgt Ion: 91 Resp: 2412
Ion Ratio Lower Upper
91 100
126 24.1 14.6 44.0

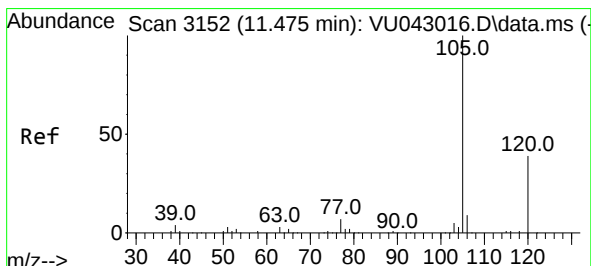
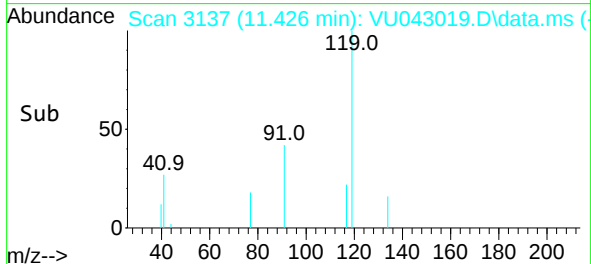
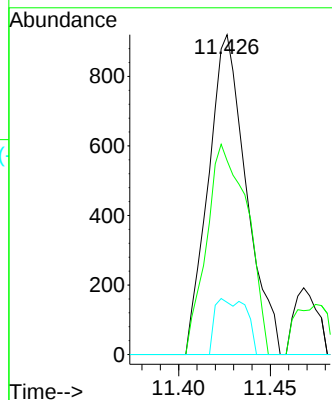
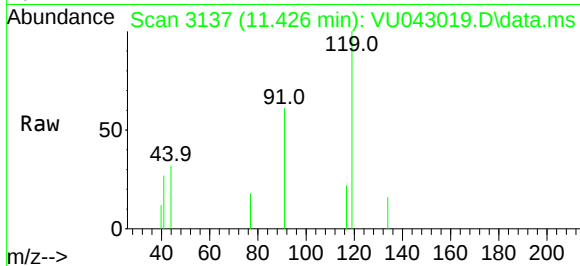




#83
tert-Butylbenzene
Concen: 0.25 ug/l
RT: 11.426 min Scan# 3137
Delta R.T. -0.000 min
Lab File: VU043019.D
Acq: 12 Apr 2021 12:28

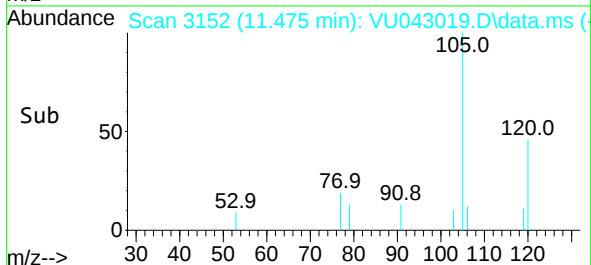
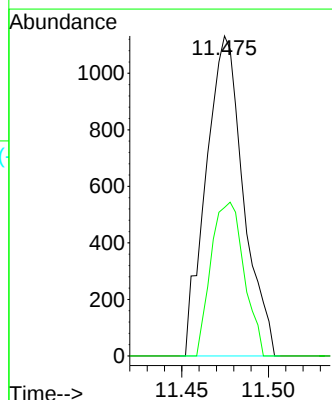
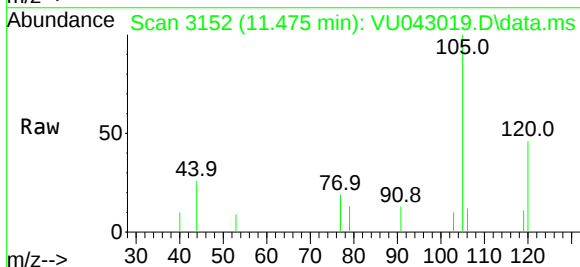
Instrument :
MSVOA_U
ClientSampleId :
IBLK

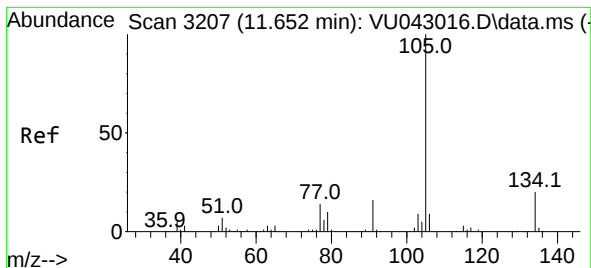
Tgt Ion:	119	Resp:	1328
Ion	Ratio	Lower	Upper
119	100		
91	70.8	30.3	90.9
134	14.4	11.4	34.1



#84
1,2,4-Trimethylbenzene
Concen: 0.31 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU043019.D
Acq: 12 Apr 2021 12:28

Tgt Ion:	105	Resp:	1695
Ion	Ratio	Lower	Upper
105	100		
120	42.4	22.3	66.8

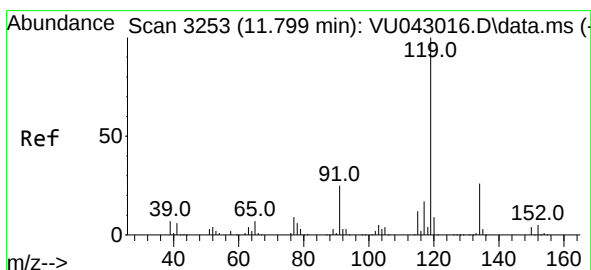
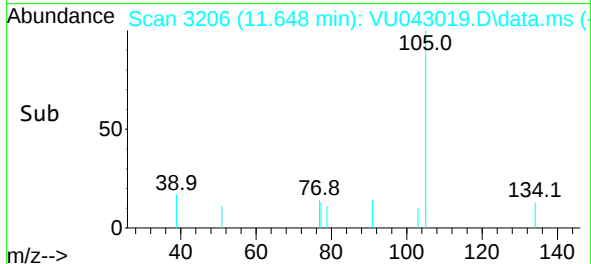
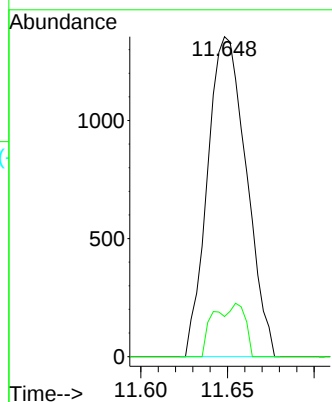
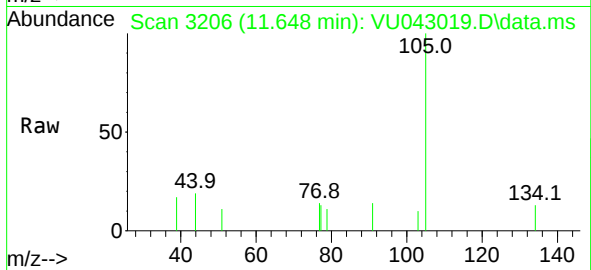




#85
 sec-Butylbenzene
 Concen: 0.34 ug/l
 RT: 11.648 min Scan# 3206
 Delta R.T. -0.003 min
 Lab File: VU043019.D
 Acq: 12 Apr 2021 12:28

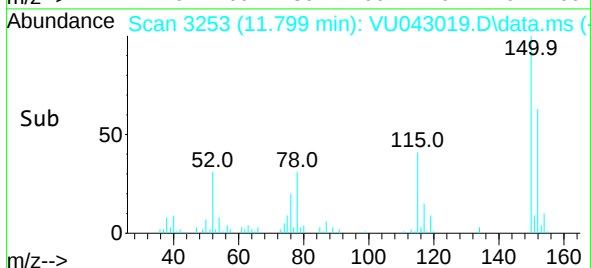
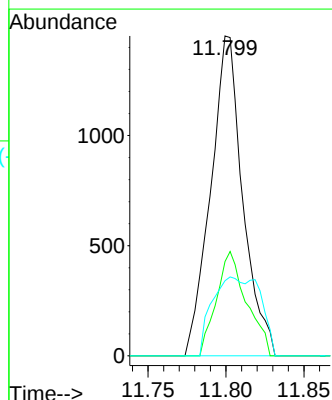
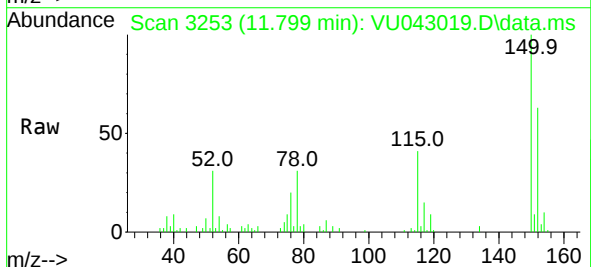
Instrument :
 MSVOA_U
 ClientSampleId :
 IBLK

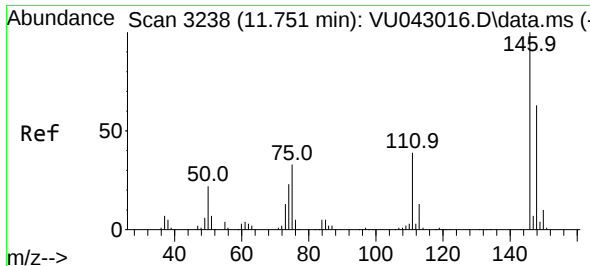
Tgt Ion:105 Resp: 2110
 Ion Ratio Lower Upper
 105 100
 134 13.5 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 0.37 ug/l
 RT: 11.799 min Scan# 3253
 Delta R.T. -0.000 min
 Lab File: VU043019.D
 Acq: 12 Apr 2021 12:28

Tgt Ion:119 Resp: 2077
 Ion Ratio Lower Upper
 119 100
 134 30.7 13.2 39.6
 91 25.0 12.8 38.3

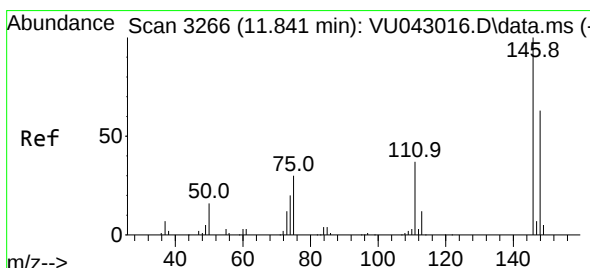
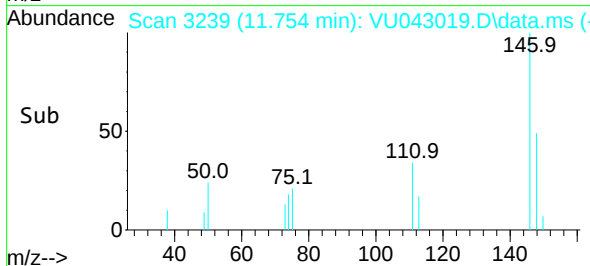
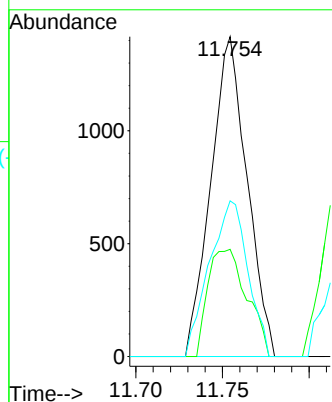
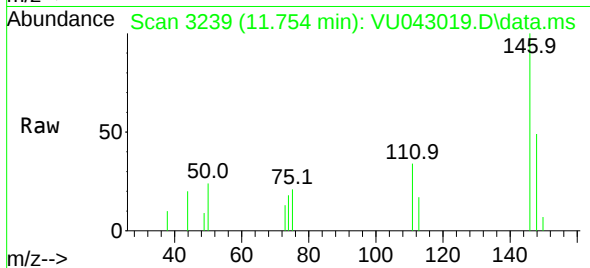




#87
1,3-Dichlorobenzene
Concen: 0.71 ug/l
RT: 11.754 min Scan# 3239
Delta R.T. 0.003 min
Lab File: VU043019.D
Acq: 12 Apr 2021 12:28

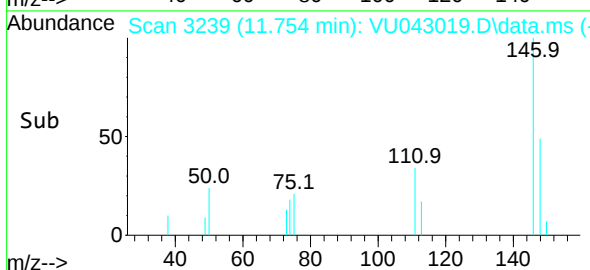
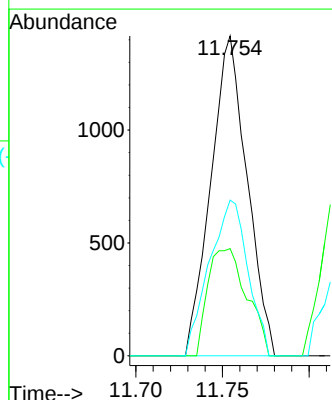
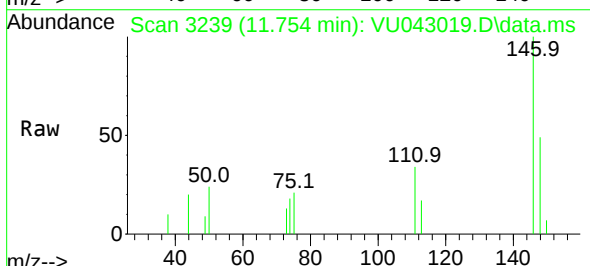
Instrument :
MSVOA_U
ClientSampled :
IBLK

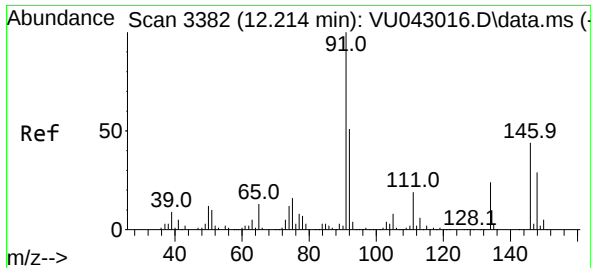
Tgt Ion:146 Resp: 2059
Ion Ratio Lower Upper
146 100
111 36.0 19.9 59.6
148 51.7 32.0 96.2



#88
1,4-Dichlorobenzene
Concen: 0.69 ug/l
RT: 11.754 min Scan# 3239
Delta R.T. -0.087 min
Lab File: VU043019.D
Acq: 12 Apr 2021 12:28

Tgt Ion:146 Resp: 2059
Ion Ratio Lower Upper
146 100
111 36.0 19.7 59.0
148 51.7 32.8 98.3

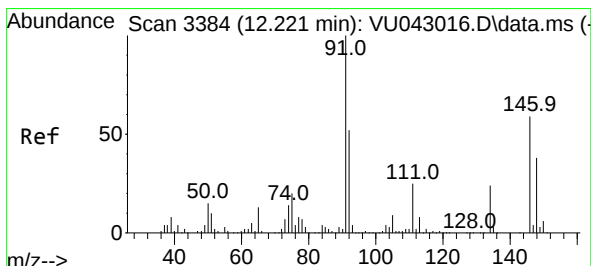
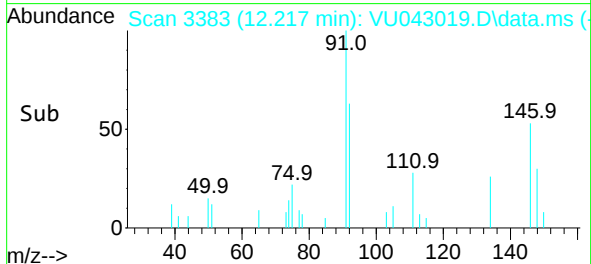
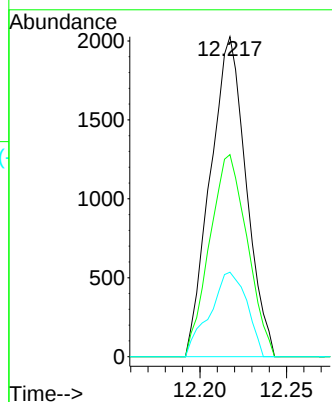
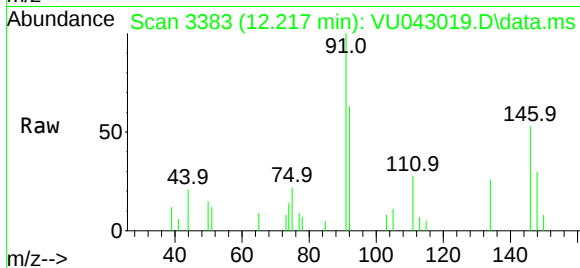




#89
n-Butylbenzene
Concen: 0.58 ug/l
RT: 12.217 min Scan# 3383
Delta R.T. 0.003 min
Lab File: VU043019.D
Acq: 12 Apr 2021 12:28

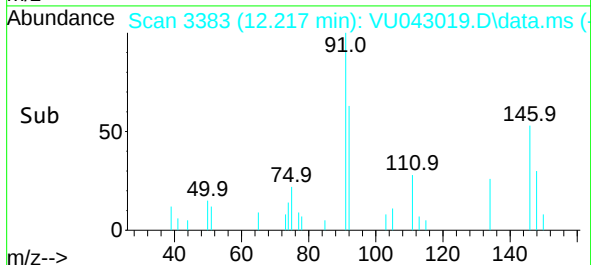
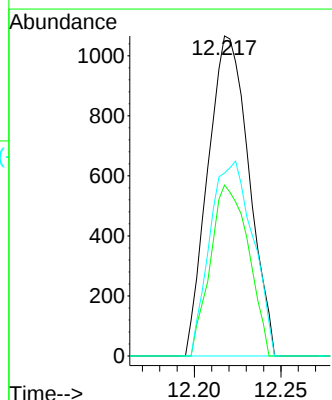
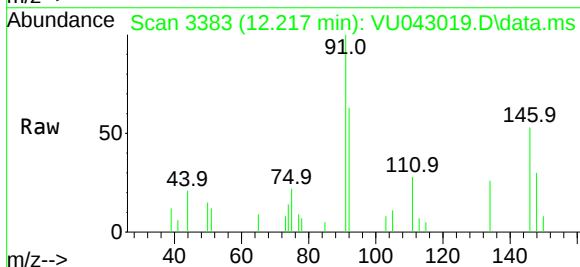
Instrument :
MSVOA_U
ClientSampled :
IBLK

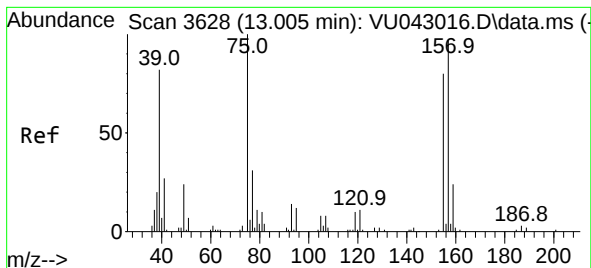
Tgt Ion: 91 Resp: 2920
Ion Ratio Lower Upper
91 100
92 66.1 26.2 78.6
134 27.2 12.7 38.1



#91
1,2-Dichlorobenzene
Concen: 0.59 ug/l
RT: 12.217 min Scan# 3383
Delta R.T. -0.003 min
Lab File: VU043019.D
Acq: 12 Apr 2021 12:28

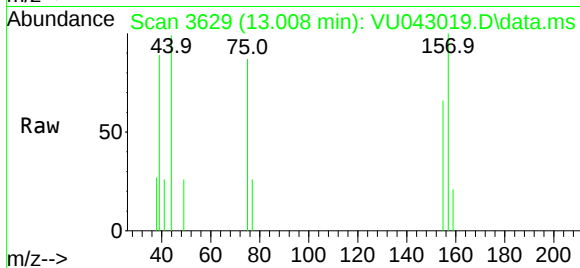
Tgt Ion: 146 Resp: 1755
Ion Ratio Lower Upper
146 100
111 49.5 20.8 62.4
148 63.6 31.9 95.7



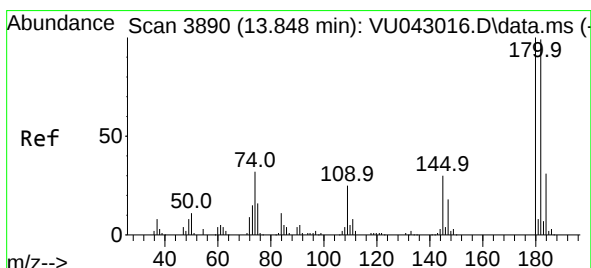
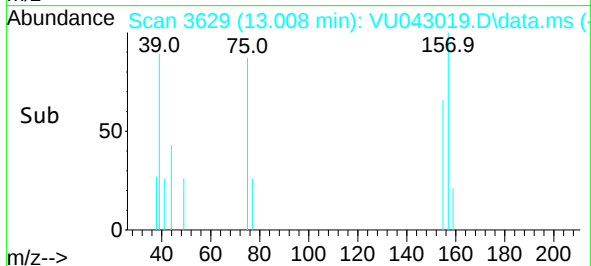
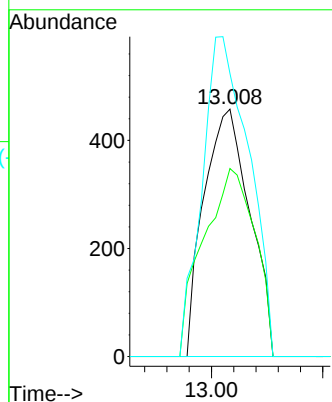


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.99 ug/l
RT: 13.008 min Scan# 3629
Delta R.T. 0.003 min
Lab File: VU043019.D
Acq: 12 Apr 2021 12:28

Instrument :
MSVOA_U
ClientSampleId :
IBLK

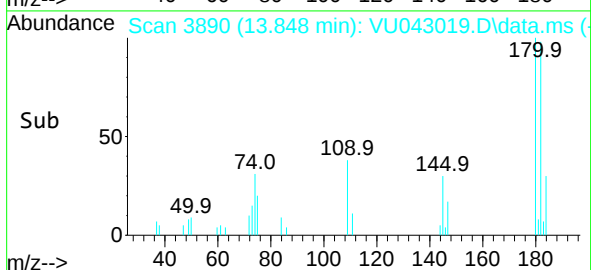
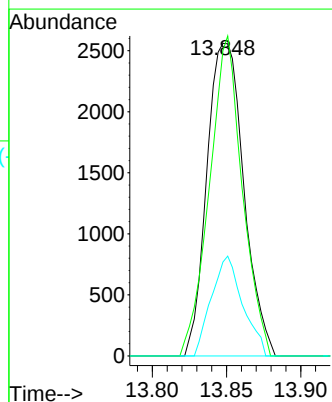
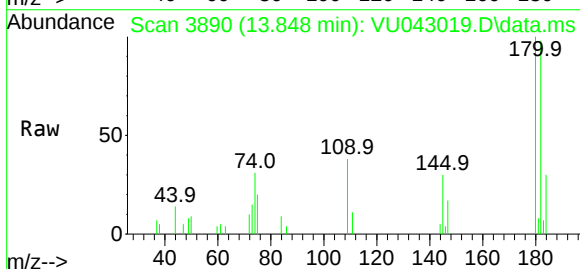


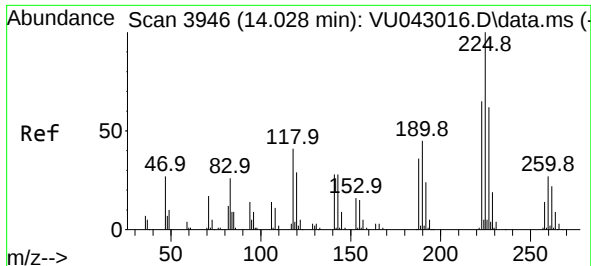
Tgt Ion: 75 Resp: 656
Ion Ratio Lower Upper
75 100
155 85.2 41.7 125.1
157 131.9 53.9 161.7



#93
1,2,4-Trichlorobenzene
Concen: 2.43 ug/l
RT: 13.848 min Scan# 3890
Delta R.T. -0.000 min
Lab File: VU043019.D
Acq: 12 Apr 2021 12:28

Tgt Ion: 180 Resp: 4425
Ion Ratio Lower Upper
180 100
182 91.2 46.9 140.8
145 27.1 14.4 43.4

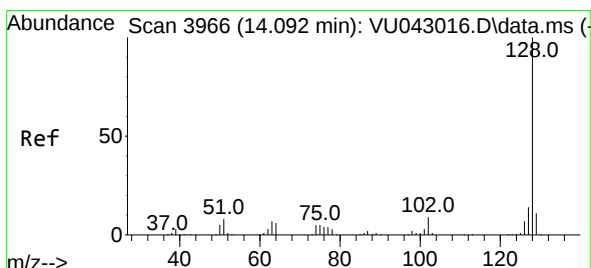
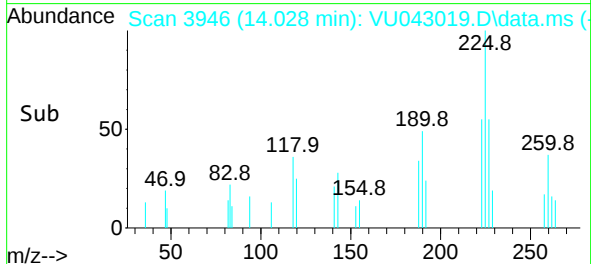
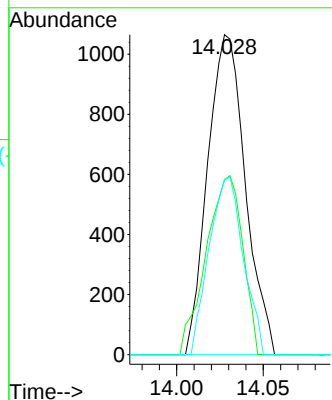
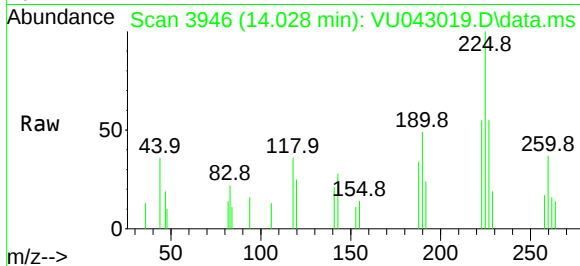




#94
Hexachlorobutadiene
Concen: 1.57 ug/l
RT: 14.028 min Scan# 3946
Delta R.T. -0.000 min
Lab File: VU043019.D
Acq: 12 Apr 2021 12:28

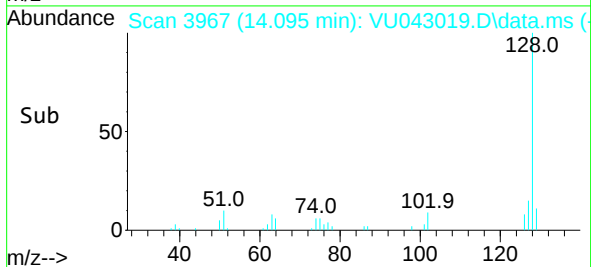
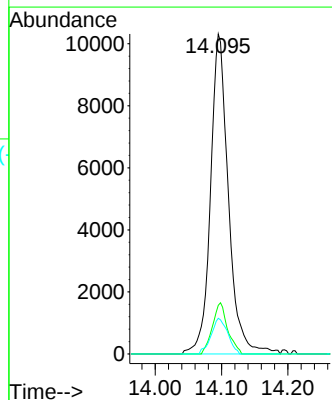
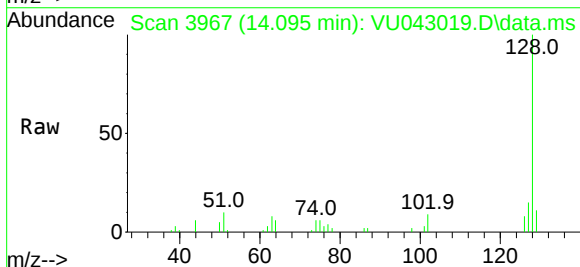
Instrument :
MSVOA_U
ClientSampled :
IBLK

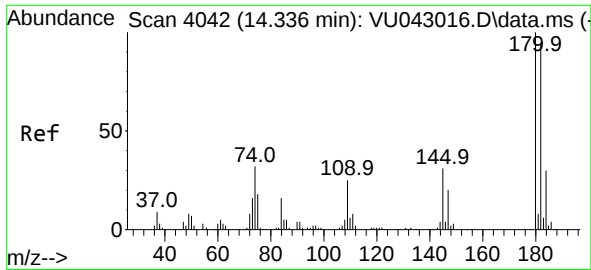
Tgt Ion:	225	Resp:	1611
Ion	Ratio	Lower	Upper
225	100		
223	54.3	32.3	96.9
227	50.5	31.8	95.4



#95
Naphthalene
Concen: 3.69 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU043019.D
Acq: 12 Apr 2021 12:28

Tgt Ion:	128	Resp:	19353
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.8	16.2
129	10.3	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 2.86 ug/l
 RT: 14.339 min Scan# 4043
 Delta R.T. 0.003 min
 Lab File: VU043019.D
 Acq: 12 Apr 2021 12:28

Instrument :
 MSVOA_U
 ClientSampleId :
 IBLK

Tgt Ion:180 Resp: 5115
 Ion Ratio Lower Upper
 180 100
 182 89.6 48.0 144.0
 145 32.4 15.5 46.5

