

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060721\
 Data File : VU044059.D
 Acq On : 07 Jun 2021 16:10
 Operator : SY/MD
 Sample : I.BLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 I.BLK

Quant Time: Jun 08 05:43:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 08 05:21:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.385	168	191125	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.260	114	379943	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.427	117	373168	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	169616	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	179179	53.831	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.660%	
35) Dibromofluoromethane	5.301	113	135469	49.964	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.920%	
50) Toluene-d8	7.906	98	511366	48.896	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.800%	
62) 4-Bromofluorobenzene	10.642	95	182456	44.065	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.120%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.392	85	67	Below Cal	#	42
3) Chloromethane	1.527	50	1756	0.444	ug/l	93
5) Bromomethane	1.867	94	2265	1.544	ug/l	99
10) Methyl Iodide	2.739	142	1508	0.526	ug/l #	89
11) Tert butyl alcohol	3.189	59	2856	3.461	ug/l #	72
13) Acrolein	2.494	56	651	1.003	ug/l	88
15) Acrylonitrile	3.330	53	1778	0.970	ug/l #	95
16) Acetone	2.639	43	2600	1.353	ug/l	88
17) Carbon Disulfide	2.803	76	5208	0.665	ug/l	99
18) Methyl Acetate	2.951	43	1155	0.273	ug/l #	87
20) Methylene Chloride	3.060	84	1249	Below Cal		92
21) trans-1,2-Dichloroethene	3.363	96	644	0.244	ug/l	83
25) 2-Butanone	4.719	43	2502	0.913	ug/l	94
27) cis-1,2-Dichloroethene	4.678	96	597	0.205	ug/l	45
29) Tetrahydrofuran	5.063	42	888	0.584	ug/l #	82
31) Cyclohexane	5.382	56	4835	1.052	ug/l #	1
38) Carbon Tetrachloride	5.385	117	20332	5.257	ug/l #	17
49) 1,4-Dioxane	6.973	88	344	3.721	ug/l #	68
51) 4-Methyl-2-Pentanone	7.800	43	9673	1.708	ug/l	99
56) Ethyl methacrylate	8.346	69	1137	3.572	ug/l	91
58) 2-Chloroethyl Vinyl ether	7.472	63	148	19.386	ug/l #	51
59) 2-Hexanone	8.694	43	14376	3.267	ug/l	98
68) m/p-Xylenes	9.706	106	1407	0.266	ug/l	92
73) Isopropylbenzene	10.494	105	2326	0.204	ug/l	94
74) N-amyl acetate	10.333	43	7854	1.503	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	10.790	83	1288	0.248	ug/l #	89
76) 1,2,3-Trichloropropane	10.642	75	94034	19.818	ug/l #	43
77) Bromobenzene	10.793	156	1055	0.384	ug/l	97
78) n-propylbenzene	10.915	91	4616	0.313	ug/l	97
79) 2-Chlorotoluene	10.996	91	2407	0.273	ug/l	99
80) 1,3,5-Trimethylbenzene	11.099	105	2409	0.237	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.642	75	94034	57.868	ug/l #	11
82) 4-Chlorotoluene	11.108	91	3833	0.371	ug/l	92
83) tert-Butylbenzene	11.427	119	2785	0.295	ug/l	98
84) 1,2,4-Trimethylbenzene	11.475	105	3074	1.224	ug/l	94
85) sec-Butylbenzene	11.652	105	5000	0.406	ug/l	95

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

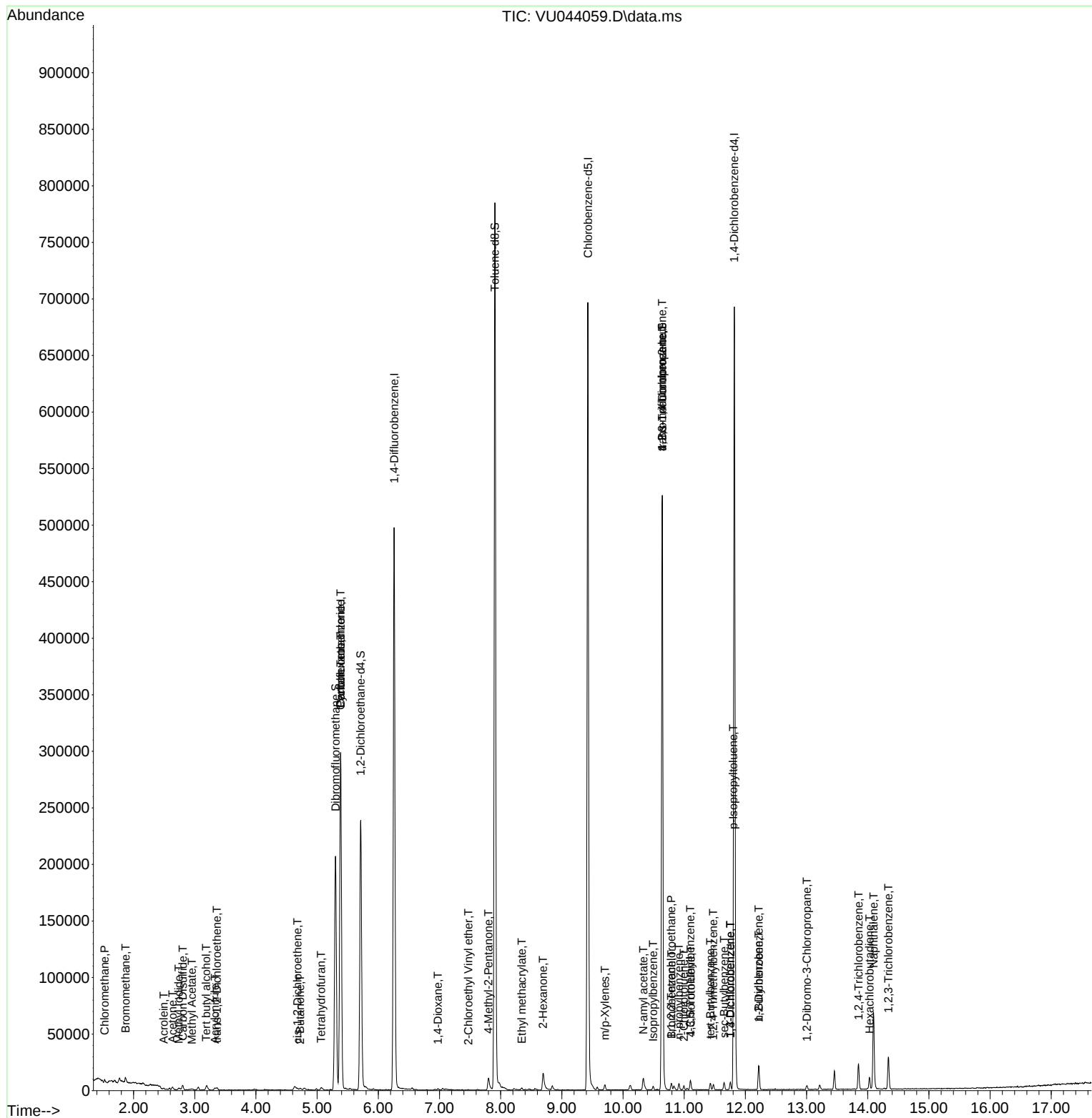
86) p-Isopropyltoluene	11.803	119	3961	0.379	ug/l #	81
87) 1,3-Dichlorobenzene	11.754	146	3096	0.565	ug/l	90
88) 1,4-Dichlorobenzene	11.754	146	3096	0.535	ug/l	90
89) n-Butylbenzene	12.217	91	7849	0.743	ug/l	99
91) 1,2-Dichlorobenzene	12.221	146	3322	0.611	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	1303	1.146	ug/l	86
93) 1,2,4-Trichlorobenzene	13.851	180	6662	2.090	ug/l	97
94) Hexachlorobutadiene	14.031	225	1791	0.986	ug/l	98
95) Naphthalene	14.095	128	55368	7.360	ug/l	99
96) 1,2,3-Trichlorobenzene	14.340	180	8779	2.859	ug/l	99

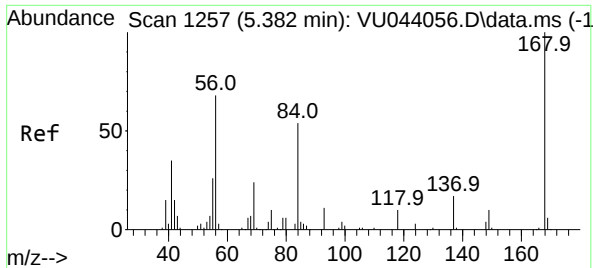
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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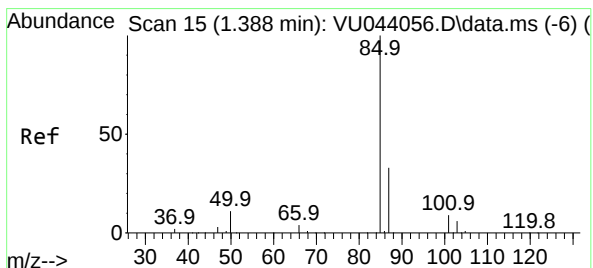
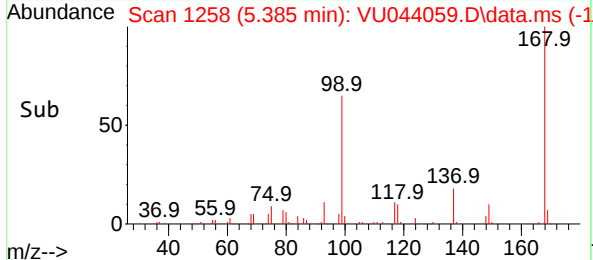
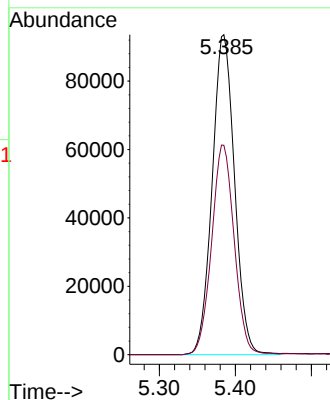
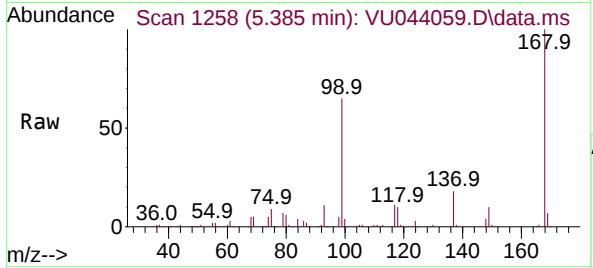




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. 0.003 min
Lab File: VU044059.D
Acq: 07 Jun 2021 16:10

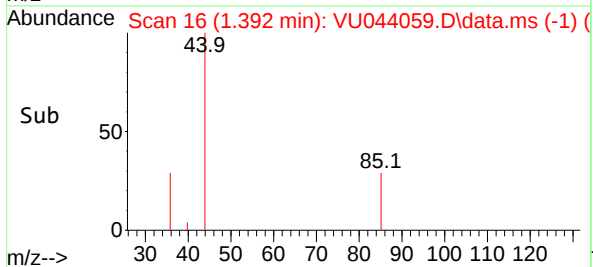
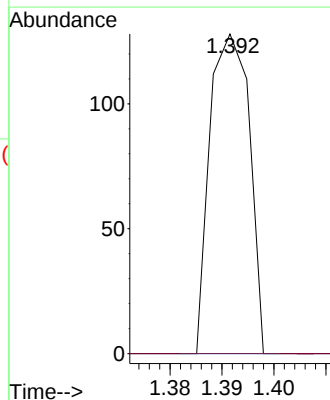
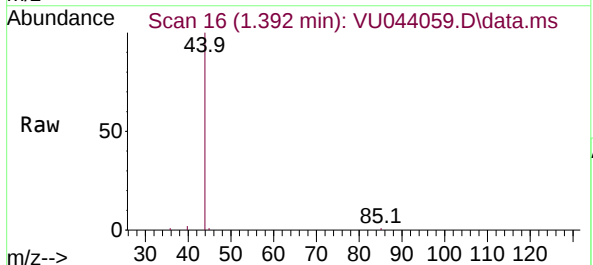
Instrument :
MSVOA_U
ClientSampleId :
I.BLK

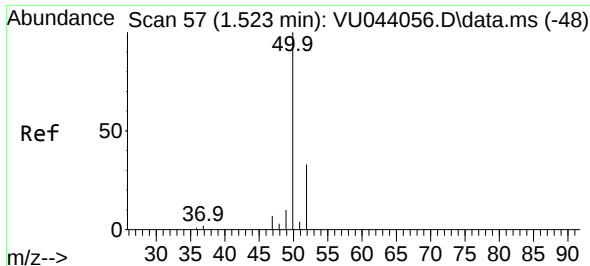
Tgt Ion:168 Resp: 191125
Ion Ratio Lower Upper
168 100
99 65.5 52.6 78.8



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.392 min Scan# 16
Delta R.T. 0.004 min
Lab File: VU044059.D
Acq: 07 Jun 2021 16:10

Tgt Ion: 85 Resp: 67
Ion Ratio Lower Upper
85 100
87 0.0 16.4 49.4#

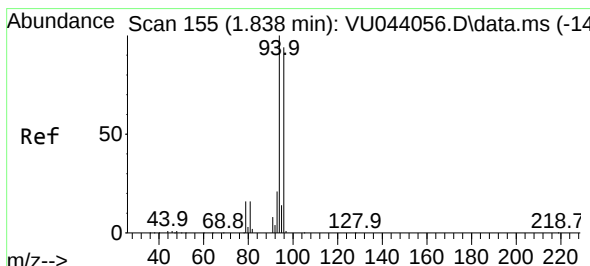
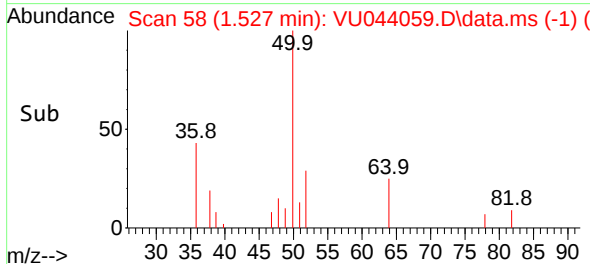
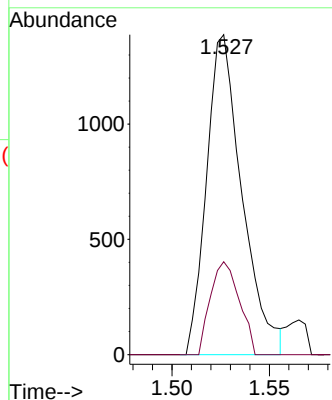
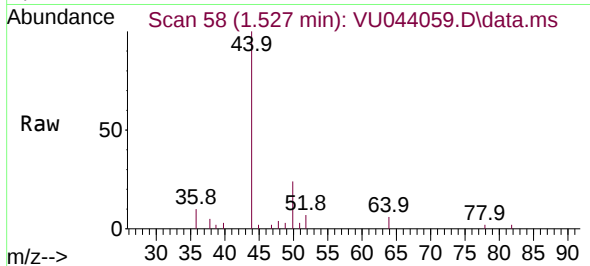




#3
Chloromethane
Concen: 0.444 ug/l
RT: 1.527 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU044059.D
Acq: 07 Jun 2021 16:10

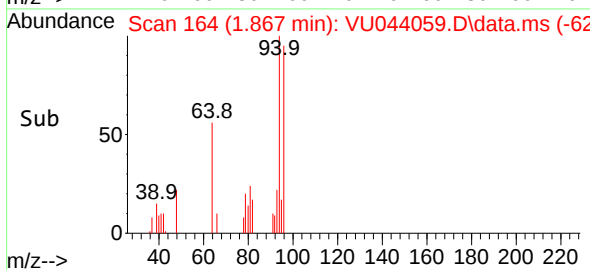
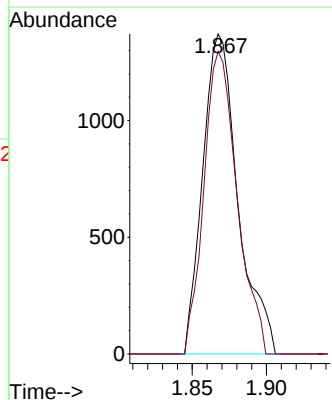
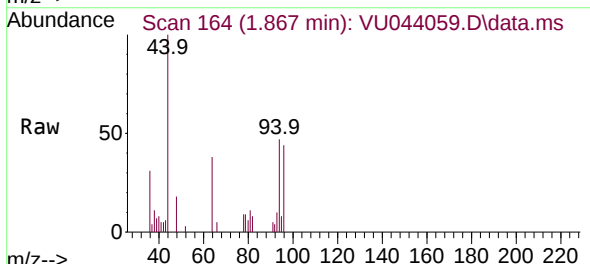
Instrument :
MSVOA_U
ClientSampled :
I.BLK

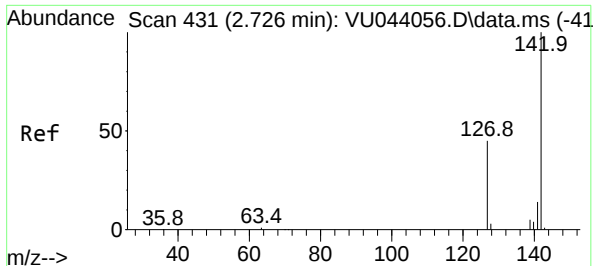
Tgt Ion: 50 Resp: 1756
Ion Ratio Lower Upper
50 100
52 29.0 26.2 39.2



#5
Bromomethane
Concen: 1.544 ug/l
RT: 1.867 min Scan# 164
Delta R.T. 0.029 min
Lab File: VU044059.D
Acq: 07 Jun 2021 16:10

Tgt Ion: 94 Resp: 2265
Ion Ratio Lower Upper
94 100
96 94.5 74.8 112.2

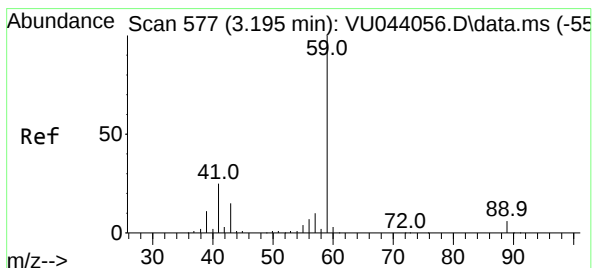
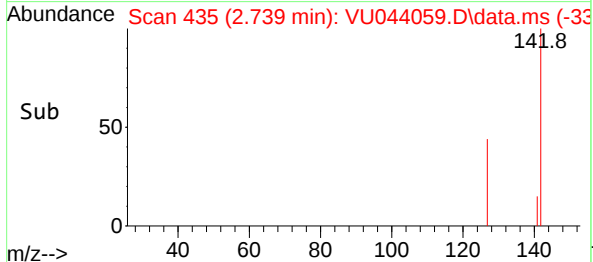
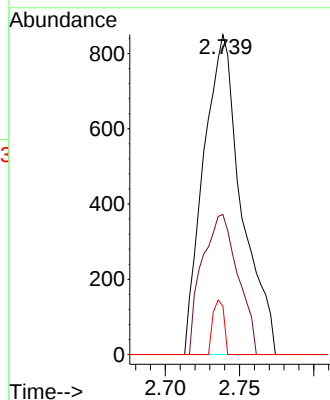
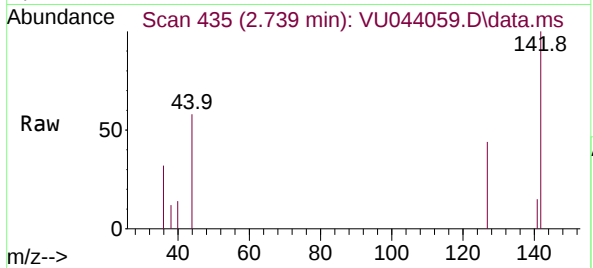




#10
Methyl Iodide
Concen: 0.526 ug/l
RT: 2.739 min Scan# 435
Delta R.T. 0.013 min
Lab File: VU044059.D
Acq: 07 Jun 2021 16:10

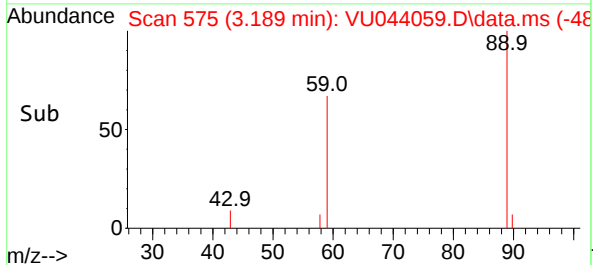
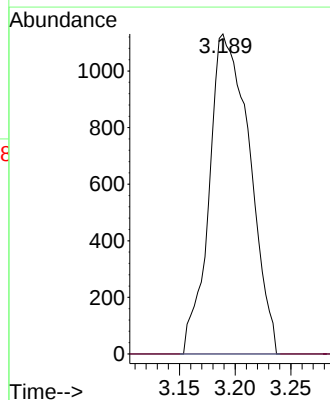
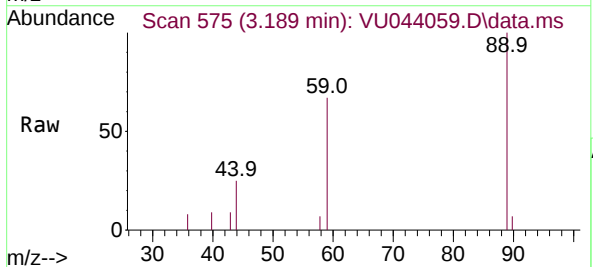
Instrument :
MSVOA_U
ClientSampleId :
I.BLK

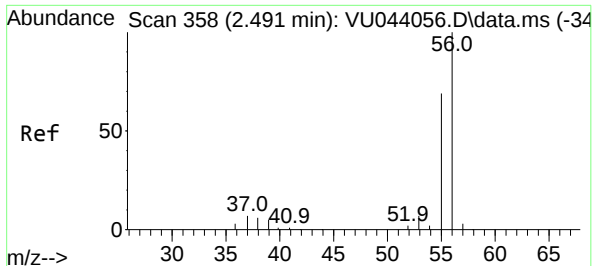
Tgt Ion:142 Resp: 1508
Ion Ratio Lower Upper
142 100
127 41.3 37.0 55.4
141 5.0 11.5 17.3#



#11
Tert butyl alcohol
Concen: 3.461 ug/l
RT: 3.189 min Scan# 575
Delta R.T. -0.006 min
Lab File: VU044059.D
Acq: 07 Jun 2021 16:10

Tgt Ion: 59 Resp: 2856
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

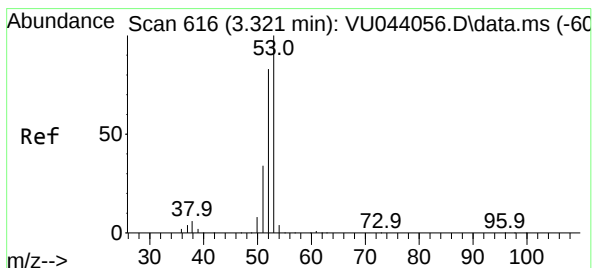
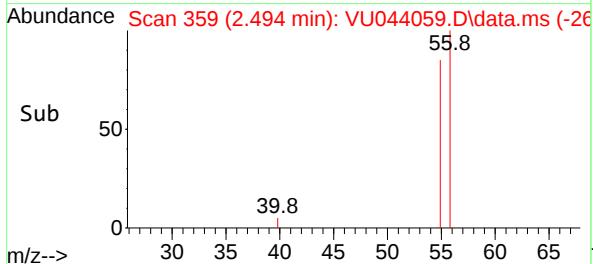
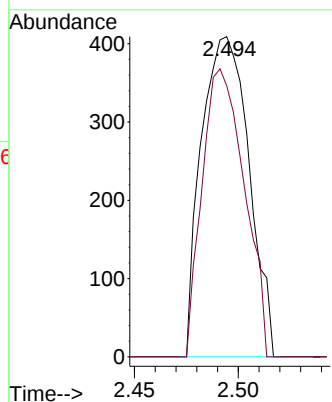
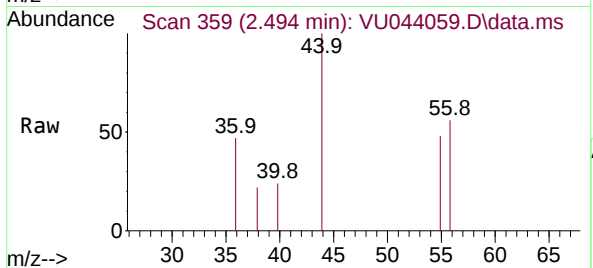




#13
Acrolein
Concen: 1.003 ug/l
RT: 2.494 min Scan# 359
Delta R.T. 0.003 min
Lab File: VU044059.D
Acq: 07 Jun 2021 16:10

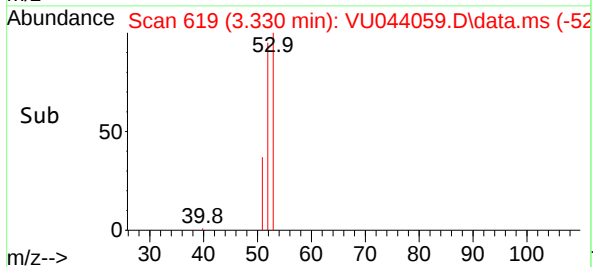
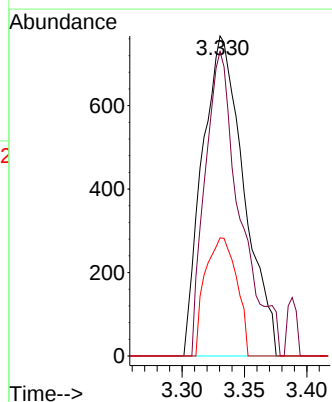
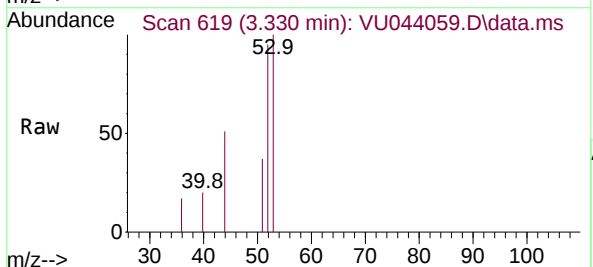
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MSVOA_U
ClientSampleId :
I.BLK

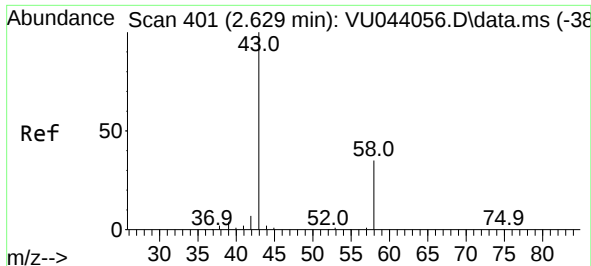
Tgt Ion: 56 Resp: 651
Ion Ratio Lower Upper
56 100
55 79.9 56.1 84.1



#15
Acrylonitrile
Concen: 0.970 ug/l
RT: 3.330 min Scan# 619
Delta R.T. 0.010 min
Lab File: VU044059.D
Acq: 07 Jun 2021 16:10

Tgt Ion: 53 Resp: 1778
Ion Ratio Lower Upper
53 100
52 80.3 65.7 98.5
51 27.8 27.8 41.8#

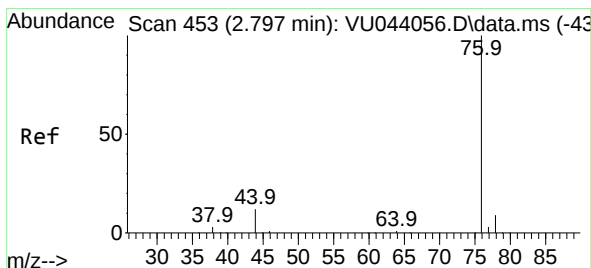
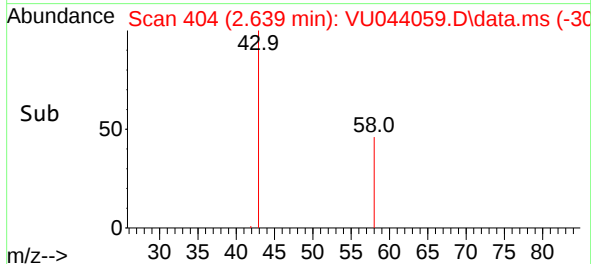
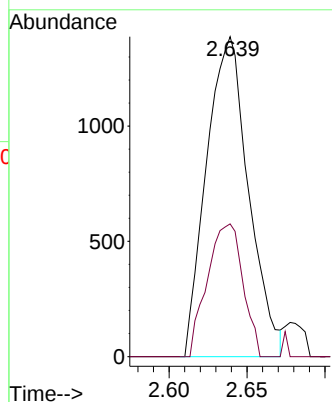
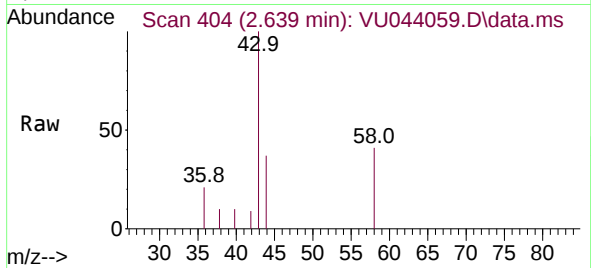




#16
Acetone
Concen: 1.353 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.010 min
Lab File: VU044059.D
Acq: 07 Jun 2021 16:10

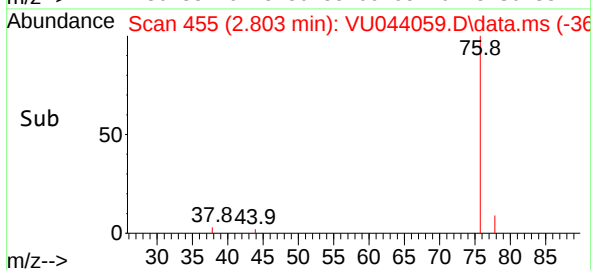
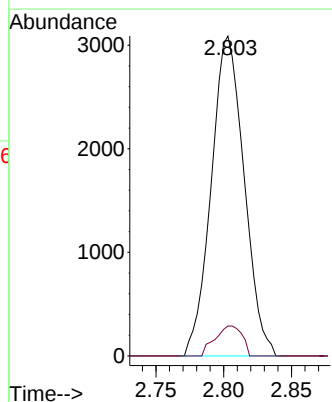
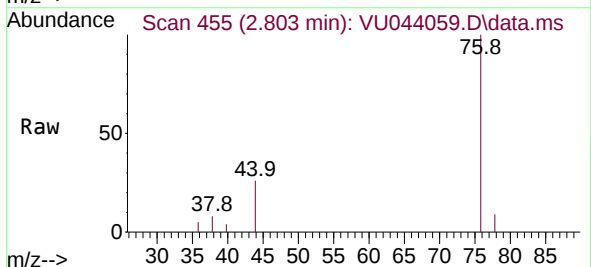
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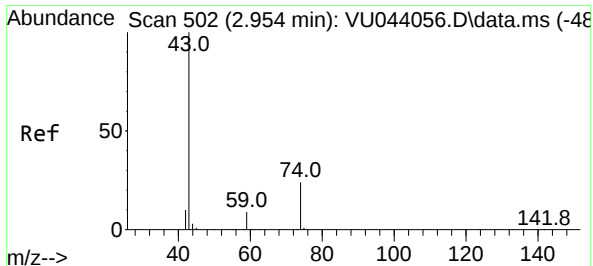
Tgt Ion: 43 Resp: 2600
Ion Ratio Lower Upper
43 100
58 41.5 27.7 41.5



#17
Carbon Disulfide
Concen: 0.665 ug/l
RT: 2.803 min Scan# 455
Delta R.T. 0.006 min
Lab File: VU044059.D
Acq: 07 Jun 2021 16:10

Tgt Ion: 76 Resp: 5208
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

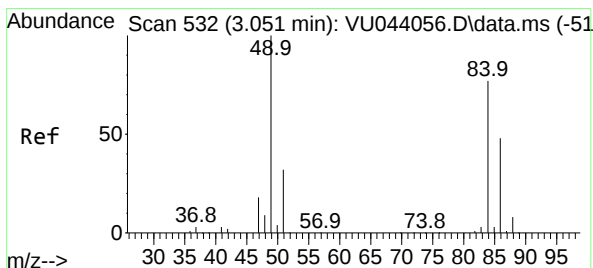
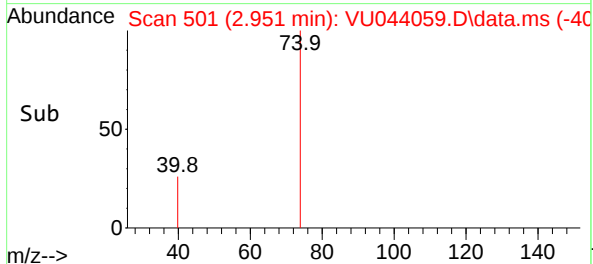
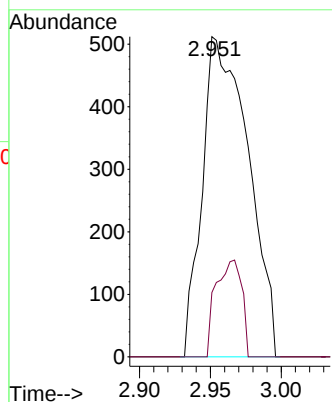
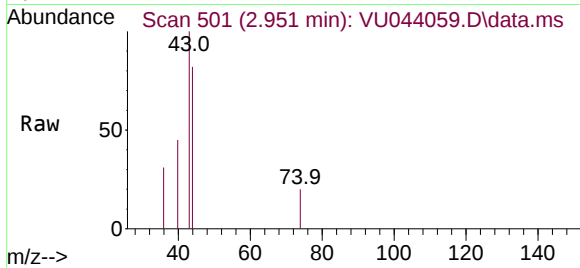




#18
Methyl Acetate
Concen: 0.273 ug/l
RT: 2.951 min Scan# 501
Delta R.T. -0.003 min
Lab File: VU044059.D
Acq: 07 Jun 2021 16:10

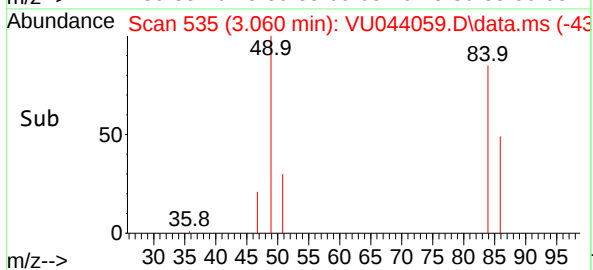
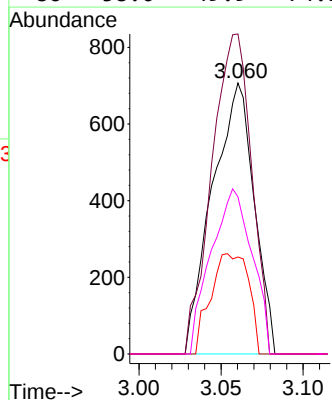
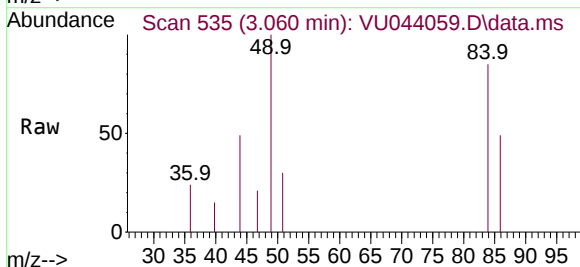
Instrument :
MSVOA_U
ClientSampleId :
I.BLK

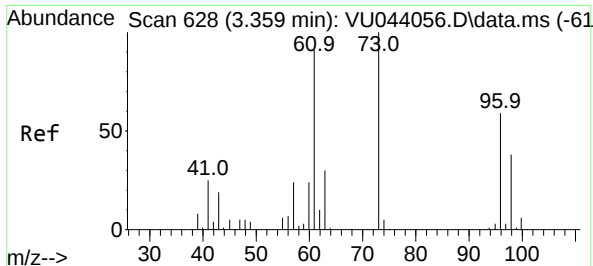
Tgt Ion: 43 Resp: 1155
Ion Ratio Lower Upper
43 100
74 17.0 18.7 28.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 3.060 min Scan# 535
Delta R.T. 0.009 min
Lab File: VU044059.D
Acq: 07 Jun 2021 16:10

Tgt Ion: 84 Resp: 1249
Ion Ratio Lower Upper
84 100
49 118.1 103.6 155.4
51 35.8 32.8 49.2
86 58.0 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 0.244 ug/l

RT: 3.363 min Scan# 629

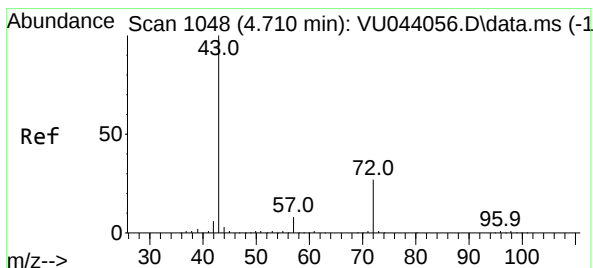
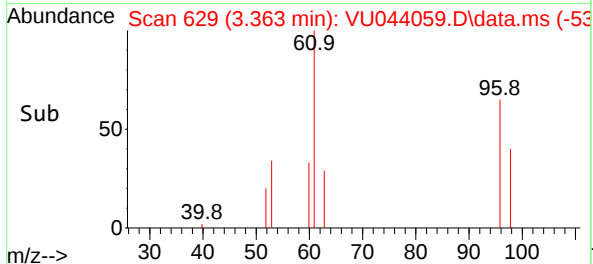
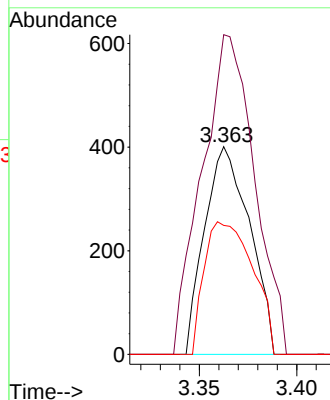
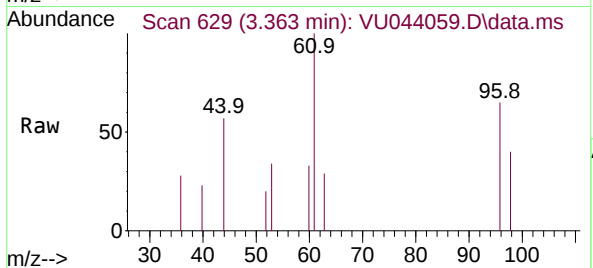
Delta R.T. 0.003 min

Lab File: VU044059.D

Acq: 07 Jun 2021 16:10

Tgt Ion: 96 Resp: 644

Ion	Ratio	Lower	Upper
96	100		
61	125.7	124.7	187.1
98	62.1	51.3	76.9



#25

2-Butanone

Concen: 0.913 ug/l

RT: 4.719 min Scan# 1051

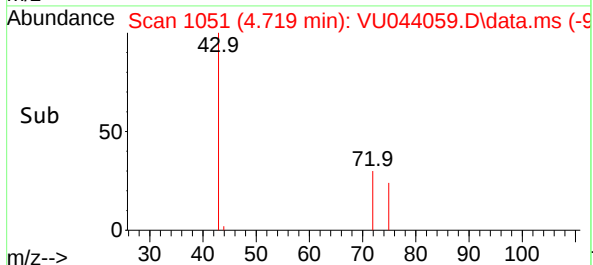
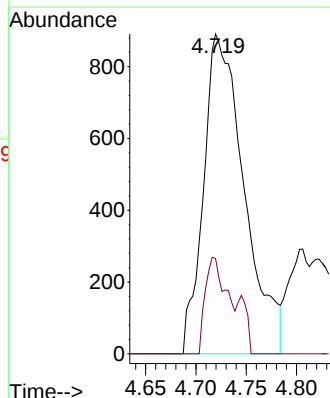
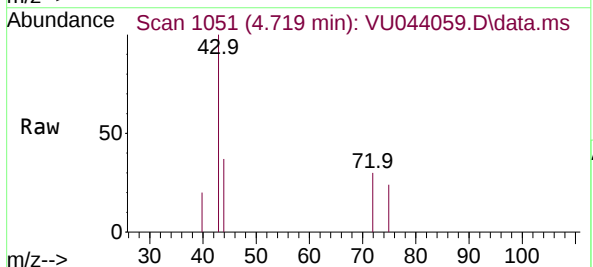
Delta R.T. 0.010 min

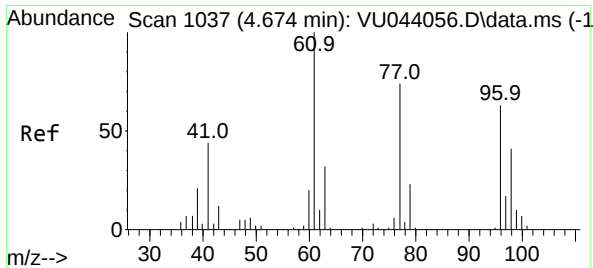
Lab File: VU044059.D

Acq: 07 Jun 2021 16:10

Tgt Ion: 43 Resp: 2502

Ion	Ratio	Lower	Upper
43	100		
72	29.9	21.4	32.2



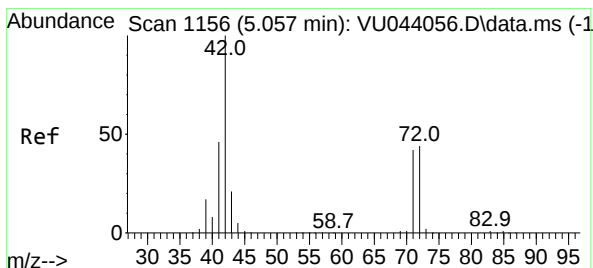
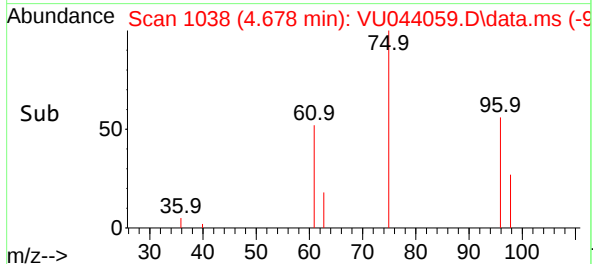
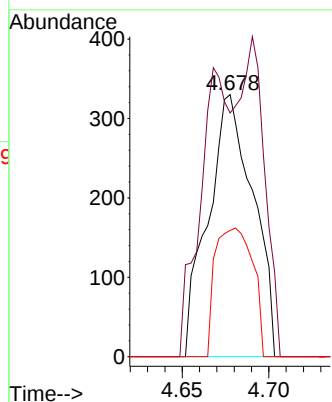
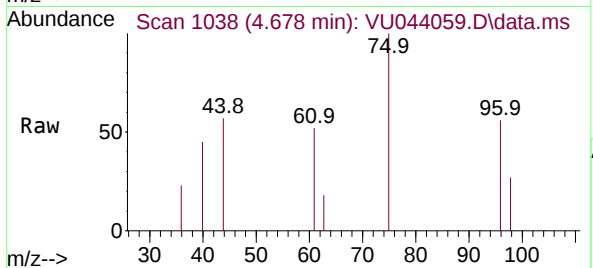


#27

cis-1,2-Dichloroethene
Concen: 0.205 ug/l
RT: 4.678 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VU044059.D
Acq: 07 Jun 2021 16:10

Instrument :
MSVOA_U
ClientSampled :
I.BLK

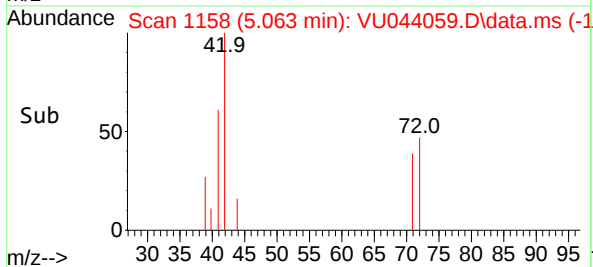
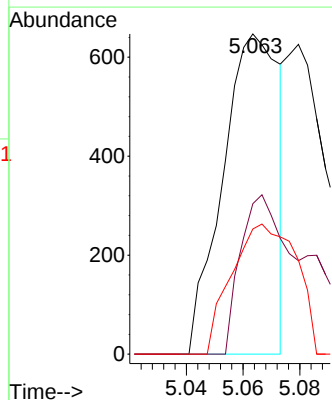
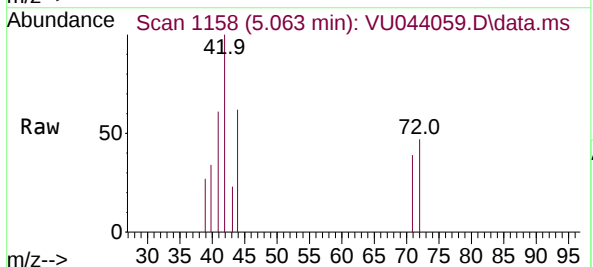
Tgt Ion:	96	Resp:	597
Ion	Ratio	Lower	Upper
96	100		
61	72.0	0.0	317.4
98	40.9	0.0	127.6

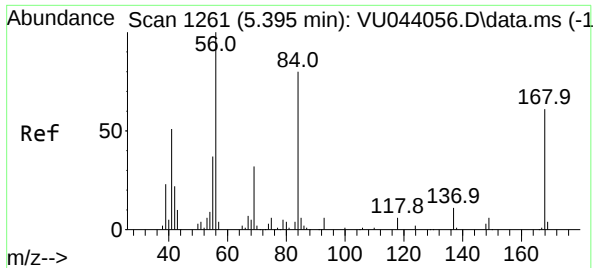


#29

Tetrahydrofuran
Concen: 0.584 ug/l
RT: 5.063 min Scan# 1158
Delta R.T. 0.006 min
Lab File: VU044059.D
Acq: 07 Jun 2021 16:10

Tgt Ion:	42	Resp:	888
Ion	Ratio	Lower	Upper
42	100		
72	61.6	35.6	53.4#
71	47.1	33.3	49.9

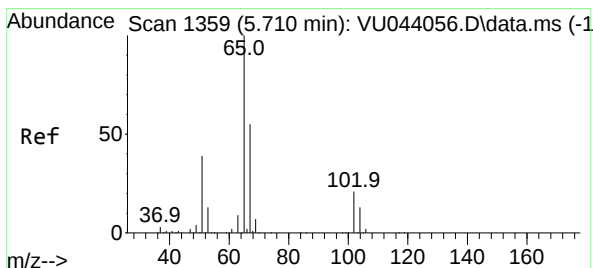
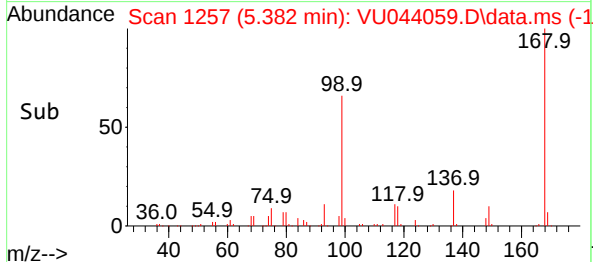
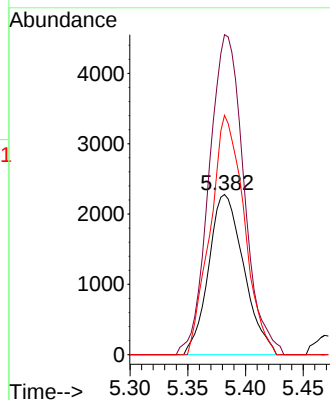
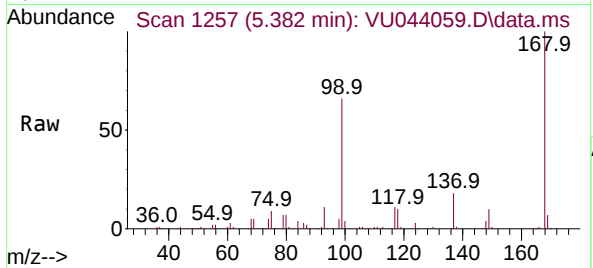




#31
Cyclohexane
Concen: 1.052 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.013 min
Lab File: VU044059.D
Acq: 07 Jun 2021 16:10

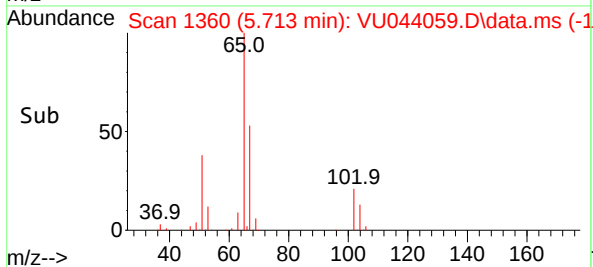
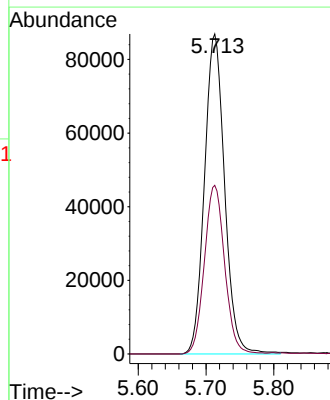
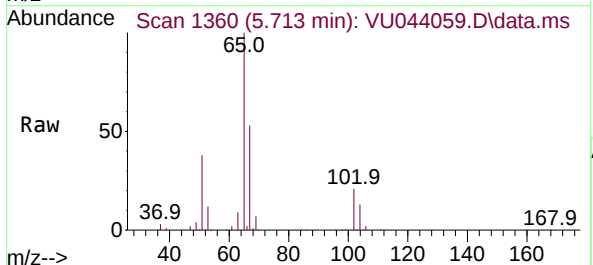
Instrument :
MSVOA_U
ClientSampled :
I.BLK

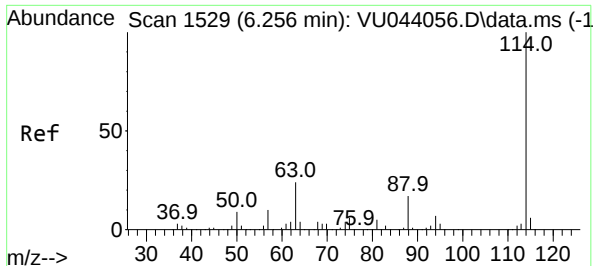
Tgt Ion: 56 Resp: 4835
Ion Ratio Lower Upper
56 100
69 195.2 25.4 38.2#
84 149.5 64.2 96.2#



#33
1,2-Dichloroethane-d4
Concen: 53.831 ug/l
RT: 5.713 min Scan# 1360
Delta R.T. 0.003 min
Lab File: VU044059.D
Acq: 07 Jun 2021 16:10

Tgt Ion: 65 Resp: 179179
Ion Ratio Lower Upper
65 100
67 53.2 0.0 109.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.260 min Scan# 1530

Delta R.T. 0.004 min

Lab File: VU044059.D

Acq: 07 Jun 2021 16:10

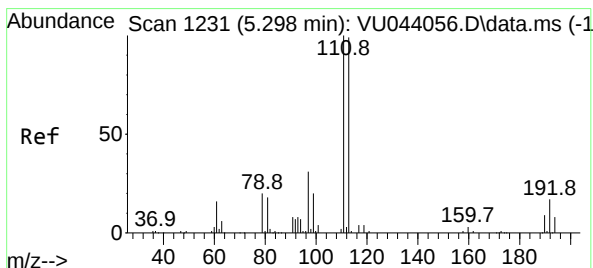
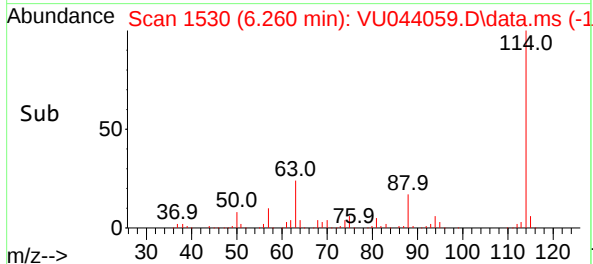
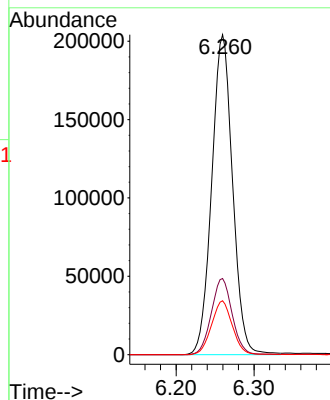
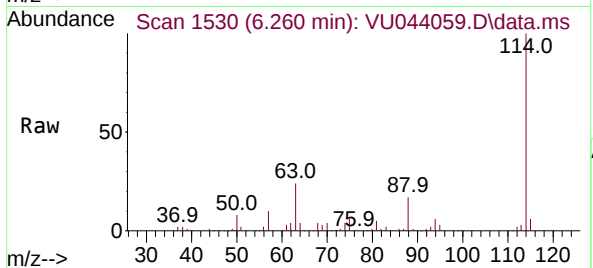
Tgt Ion:114 Resp: 379943

Ion Ratio Lower Upper

114 100

63 23.8 0.0 48.4

88 16.8 0.0 34.4



#35

Dibromofluoromethane

Concen: 49.964 ug/l

RT: 5.301 min Scan# 1232

Delta R.T. 0.003 min

Lab File: VU044059.D

Acq: 07 Jun 2021 16:10

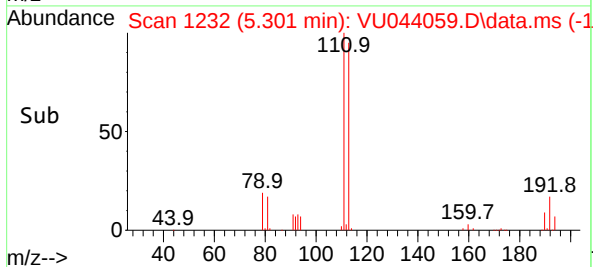
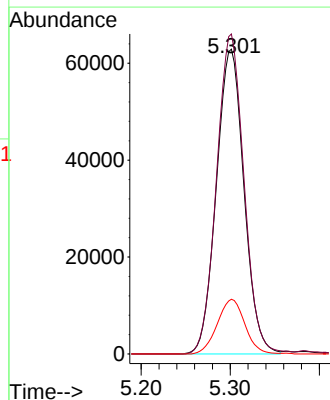
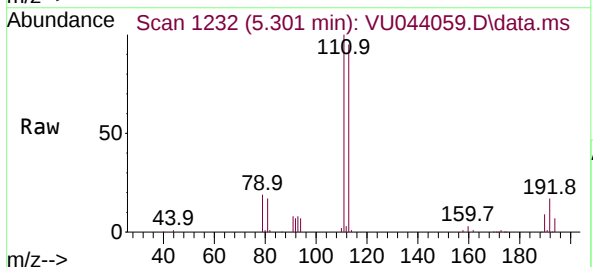
Tgt Ion:113 Resp: 135469

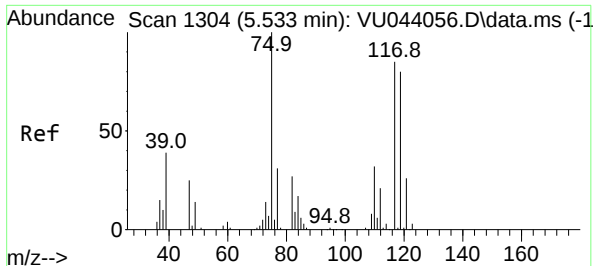
Ion Ratio Lower Upper

113 100

111 104.4 82.1 123.1

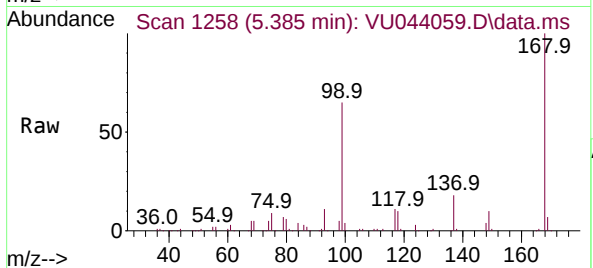
192 17.9 13.8 20.8



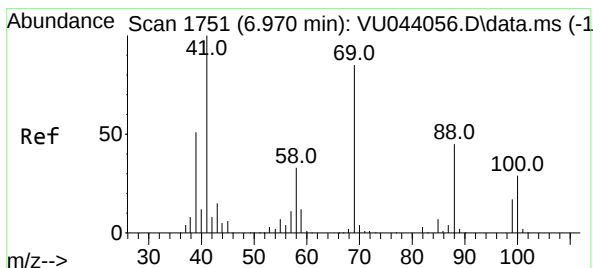
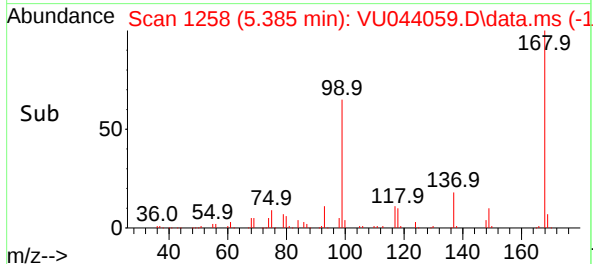
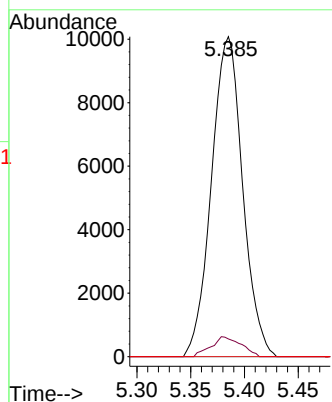


#38
Carbon Tetrachloride
Concen: 5.257 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.148 min
Lab File: VU044059.D
Acq: 07 Jun 2021 16:10

Instrument :
MSVOA_U
ClientSampled :
I.BLK

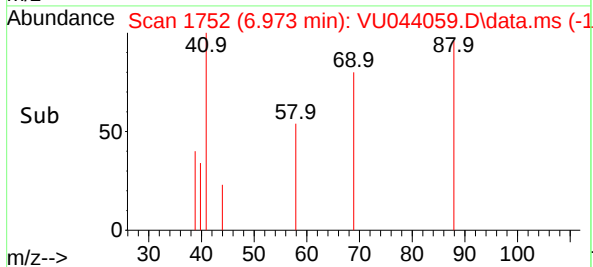
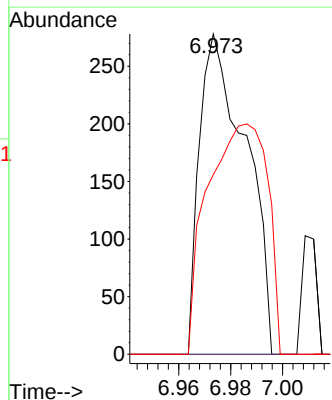
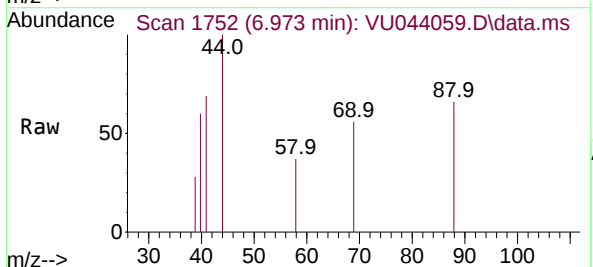


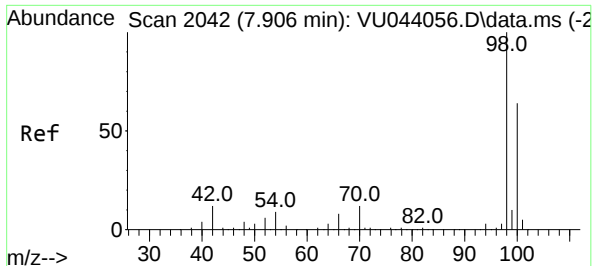
Tgt Ion:117 Resp: 20332
Ion Ratio Lower Upper
117 100
119 5.6 75.4 113.2#
121 0.0 24.5 36.7#



#49
1,4-Dioxane
Concen: 3.721 ug/l
RT: 6.973 min Scan# 1752
Delta R.T. 0.003 min
Lab File: VU044059.D
Acq: 07 Jun 2021 16:10

Tgt Ion: 88 Resp: 344
Ion Ratio Lower Upper
88 100
43 0.0 25.0 37.4#
58 93.3 60.0 90.0#





#50

Toluene-d8

Concen: 48.896 ug/l

RT: 7.906 min Scan# 2042

Delta R.T. -0.000 min

Lab File: VU044059.D

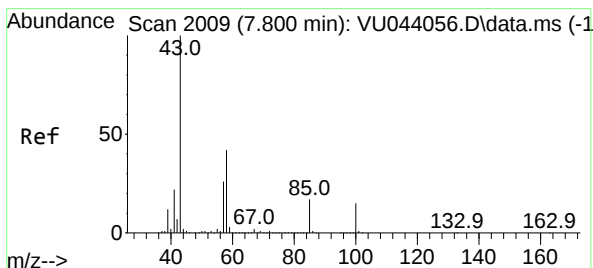
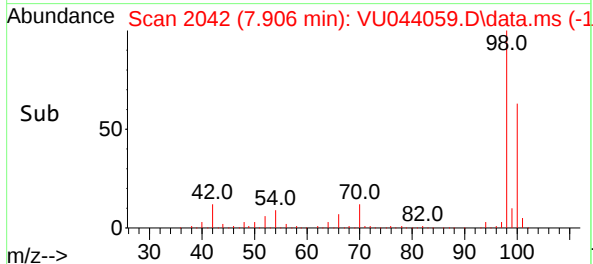
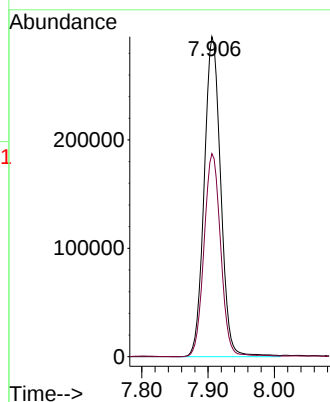
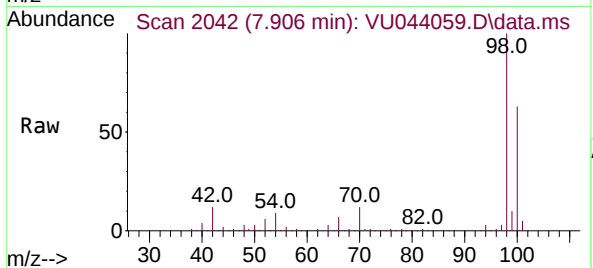
Acq: 07 Jun 2021 16:10

Tgt Ion: 98 Resp: 511366

Ion Ratio Lower Upper

98 100

100 63.7 51.6 77.4



#51

4-Methyl-2-Pentanone

Concen: 1.708 ug/l

RT: 7.800 min Scan# 2009

Delta R.T. 0.000 min

Lab File: VU044059.D

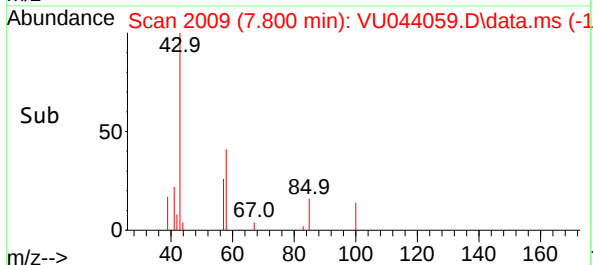
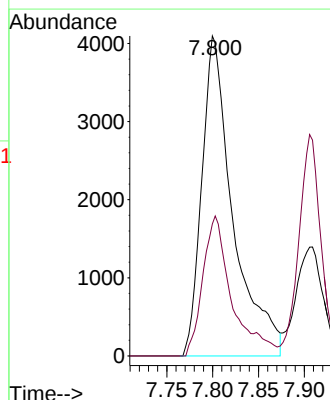
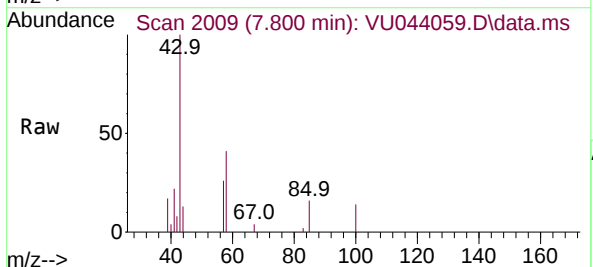
Acq: 07 Jun 2021 16:10

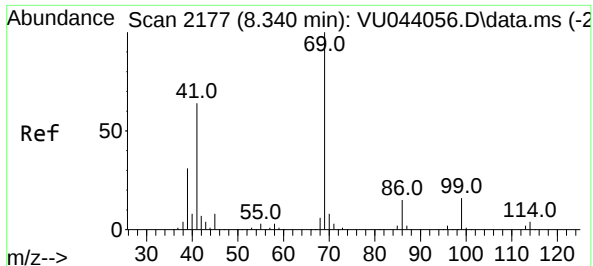
Tgt Ion: 43 Resp: 9673

Ion Ratio Lower Upper

43 100

58 40.7 33.3 49.9

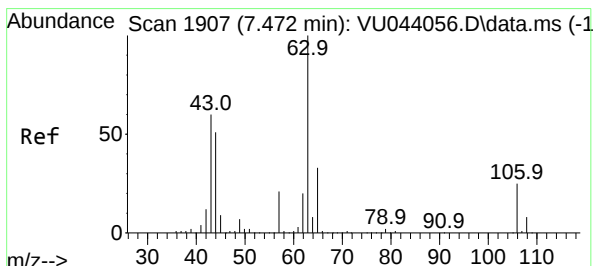
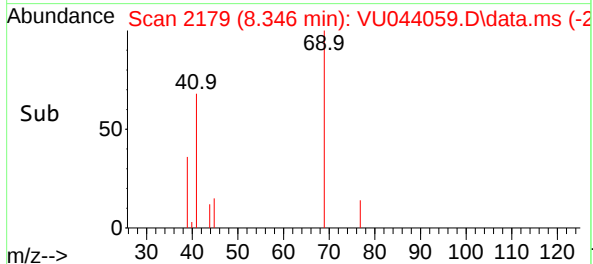
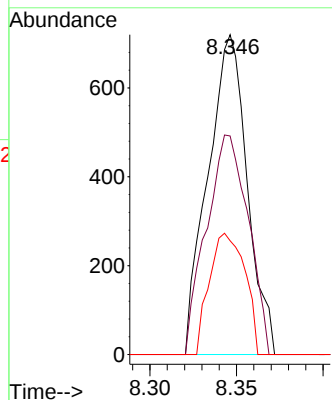
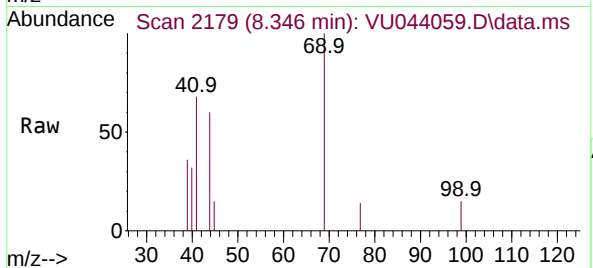




#56
Ethyl methacrylate
Concen: 3.572 ug/l
RT: 8.346 min Scan# 2179
Delta R.T. 0.006 min
Lab File: VU044059.D
Acq: 07 Jun 2021 16:10

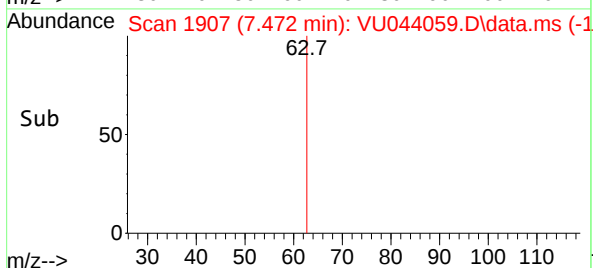
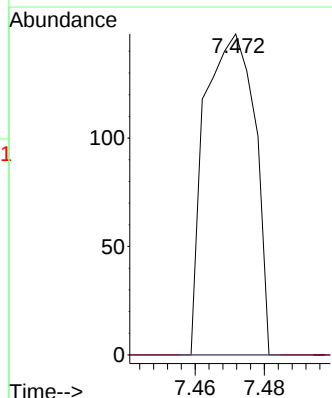
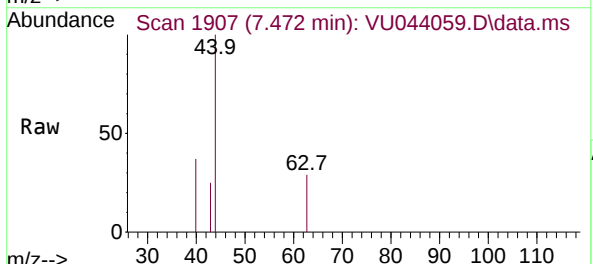
Instrument :
MSVOA_U
ClientSampleId :
I.BLK

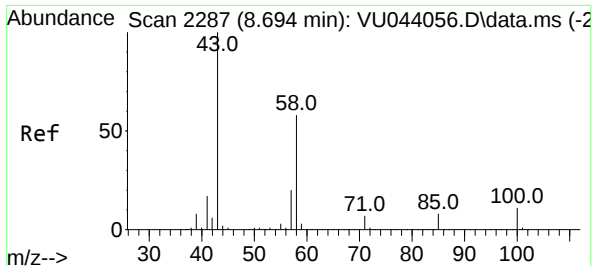
Tgt Ion:	69	Resp:	1137
Ion	Ratio	Lower	Upper
69	100		
41	73.1	51.4	77.0
39	34.2	24.9	37.3



#58
2-Chloroethyl Vinyl ether
Concen: 19.386 ug/l
RT: 7.472 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VU044059.D
Acq: 07 Jun 2021 16:10

Tgt Ion:	63	Resp:	148
Ion	Ratio	Lower	Upper
63	100		
106	0.0	19.7	29.5#





#59

2-Hexanone

Concen: 3.267 ug/l

RT: 8.694 min Scan# 2287

Delta R.T. -0.000 min

Lab File: VU044059.D

Acq: 07 Jun 2021 16:10

Tgt Ion: 43 Resp: 14376

Ion Ratio Lower Upper

43 100

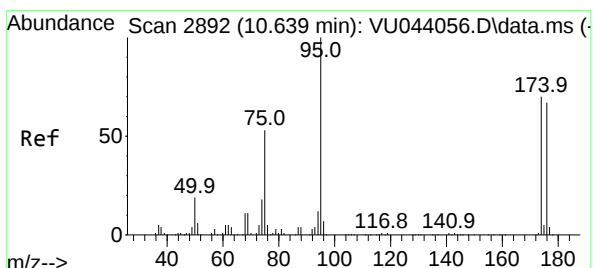
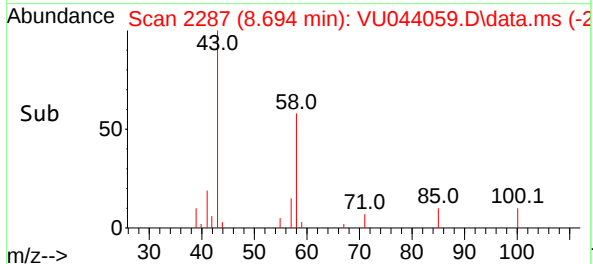
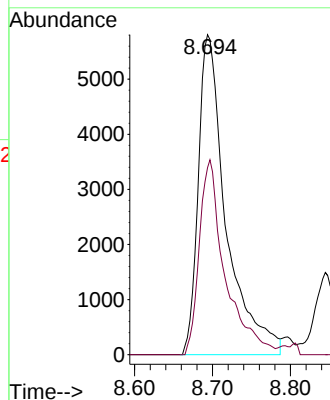
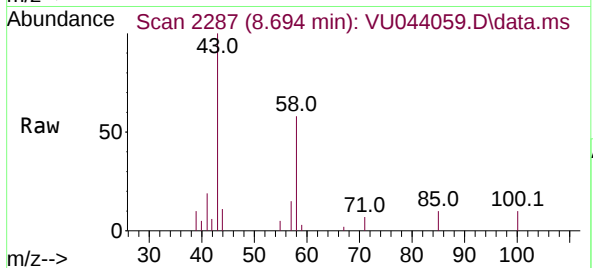
58 56.4 29.0 87.1

Instrument :

MSVOA_U

ClientSampled :

I.BLK



#62

4-Bromofluorobenzene

Concen: 44.065 ug/l

RT: 10.642 min Scan# 2893

Delta R.T. 0.003 min

Lab File: VU044059.D

Acq: 07 Jun 2021 16:10

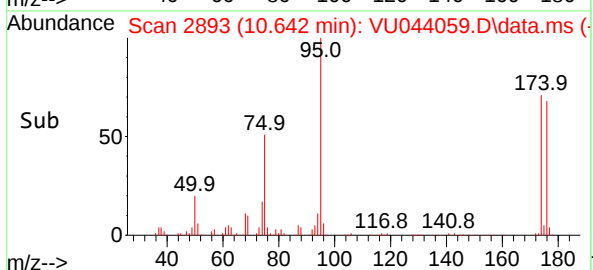
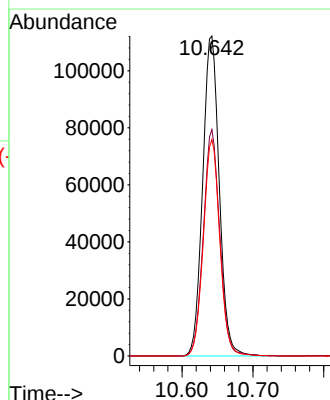
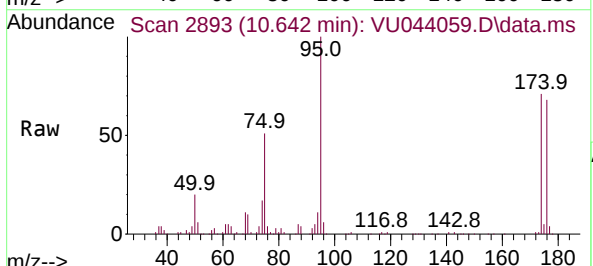
Tgt Ion: 95 Resp: 182456

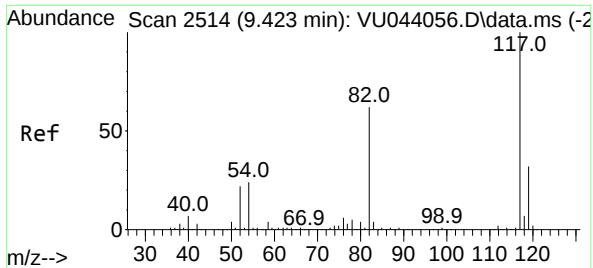
Ion Ratio Lower Upper

95 100

174 70.2 0.0 141.0

176 67.1 0.0 135.2

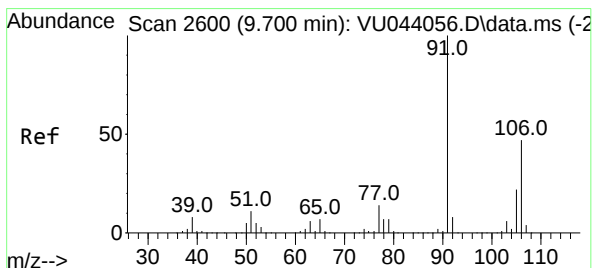
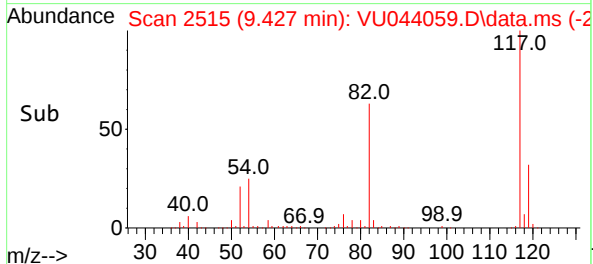
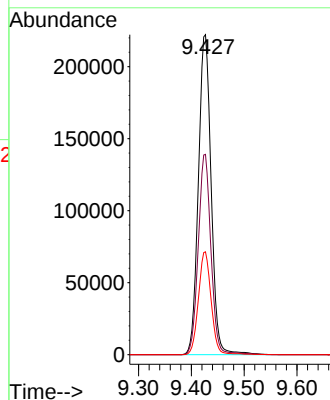
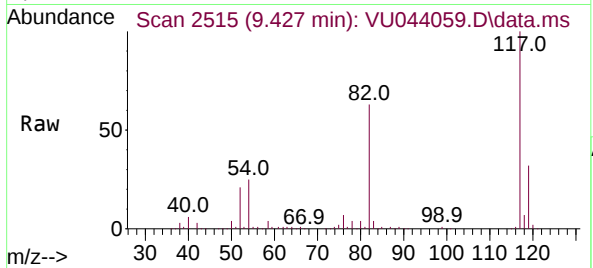




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.427 min Scan# 2515
Delta R.T. 0.004 min
Lab File: VU044059.D
Acq: 07 Jun 2021 16:10

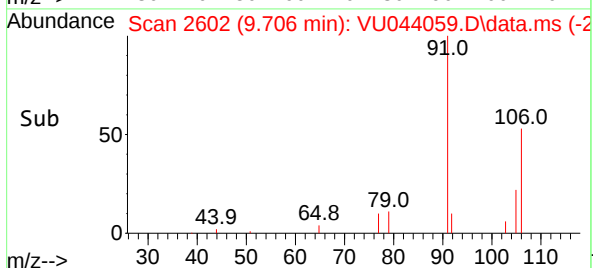
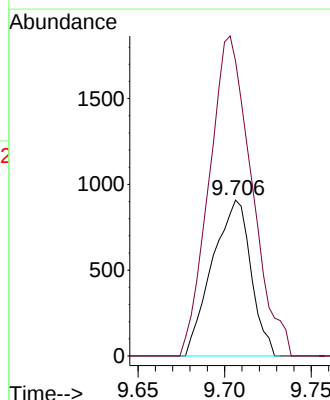
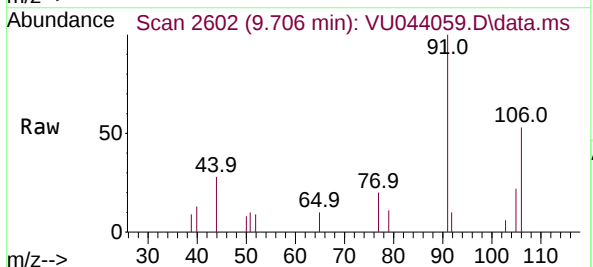
Instrument :
MSVOA_U
ClientSampleId :
I.BLK

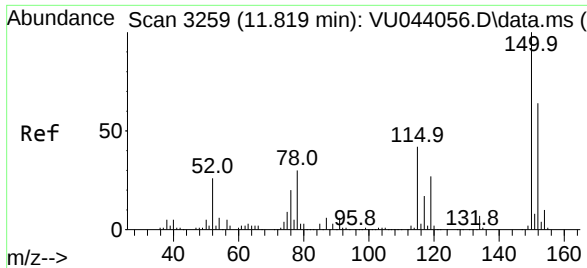
Tgt Ion:117 Resp: 373168
Ion Ratio Lower Upper
117 100
82 62.6 50.0 75.0
119 32.1 25.9 38.9



#68
m/p-Xylenes
Concen: 0.266 ug/l
RT: 9.706 min Scan# 2602
Delta R.T. 0.006 min
Lab File: VU044059.D
Acq: 07 Jun 2021 16:10

Tgt Ion:106 Resp: 1407
Ion Ratio Lower Upper
106 100
91 225.7 170.0 255.0

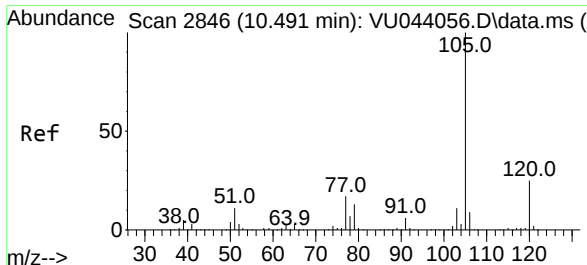
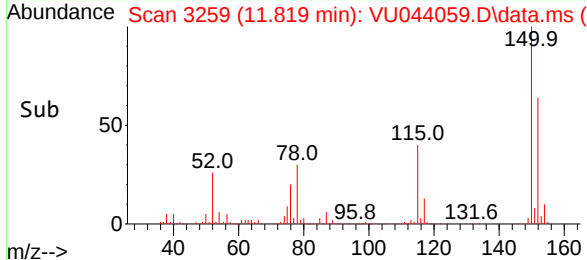
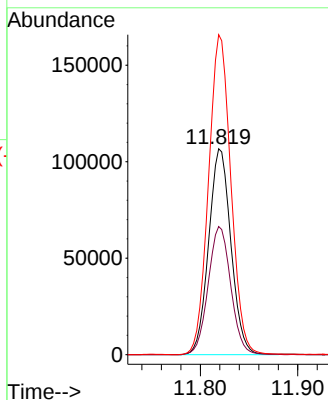
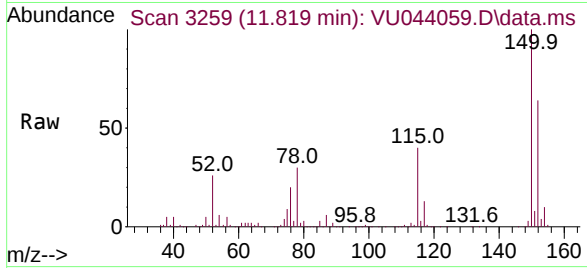




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU044059.D
 Acq: 07 Jun 2021 16:10

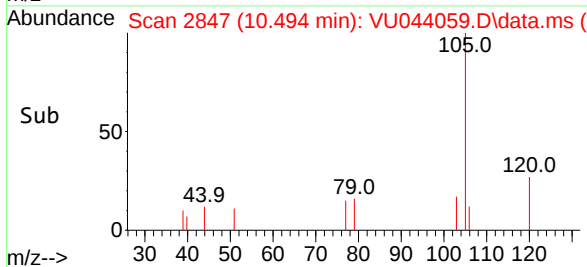
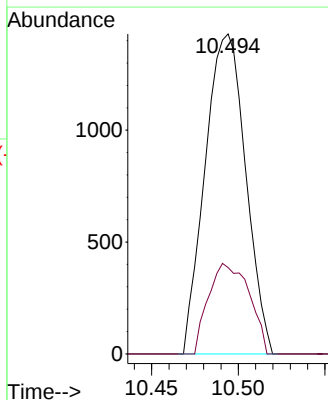
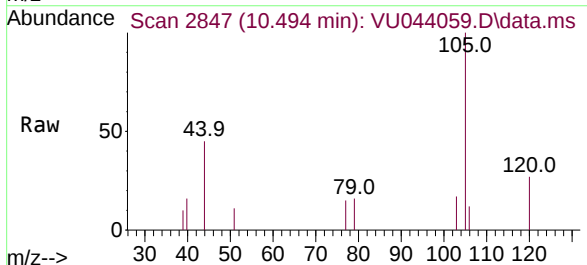
Instrument :
 MSVOA_U
 ClientSampled :
 I.BLK

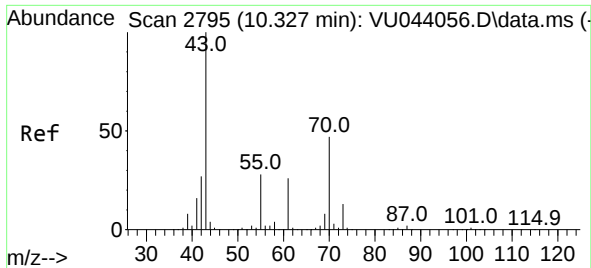
Tgt Ion:152 Resp: 169616
 Ion Ratio Lower Upper
 152 100
 115 63.0 44.6 134.0
 150 156.1 0.0 347.8



#73
 Isopropylbenzene
 Concen: 0.204 ug/l
 RT: 10.494 min Scan# 2847
 Delta R.T. 0.003 min
 Lab File: VU044059.D
 Acq: 07 Jun 2021 16:10

Tgt Ion:105 Resp: 2326
 Ion Ratio Lower Upper
 105 100
 120 28.4 12.8 38.3

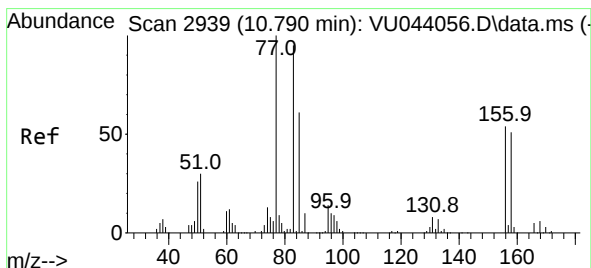
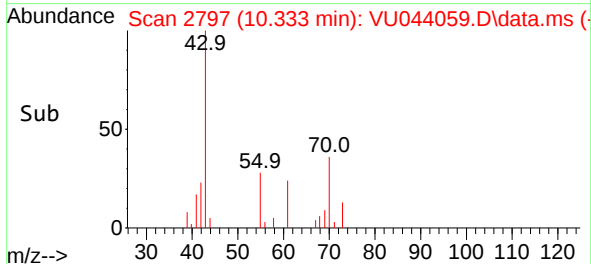
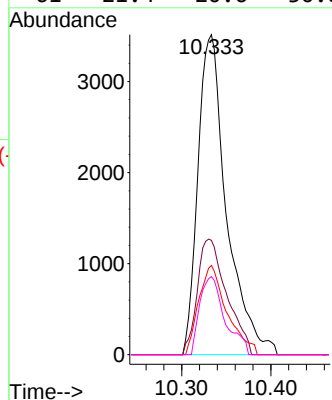
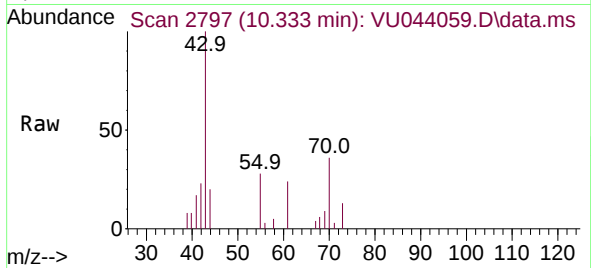




#74
N-amy1 acetate
Concen: 1.503 ug/l
RT: 10.333 min Scan# 2797
Delta R.T. 0.006 min
Lab File: VU044059.D
Acq: 07 Jun 2021 16:10

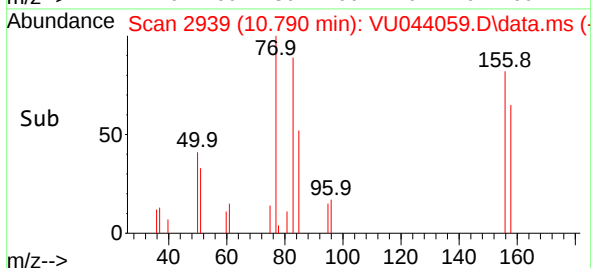
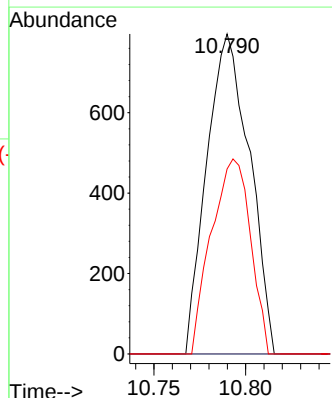
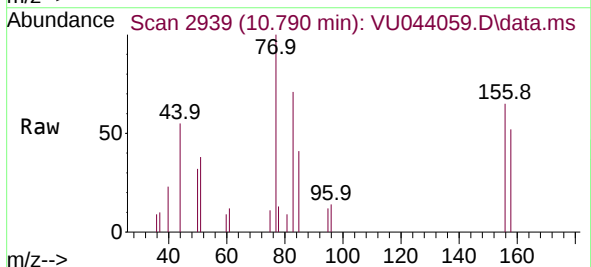
Instrument :
MSVOA_U
ClientSampleId :
I.BLK

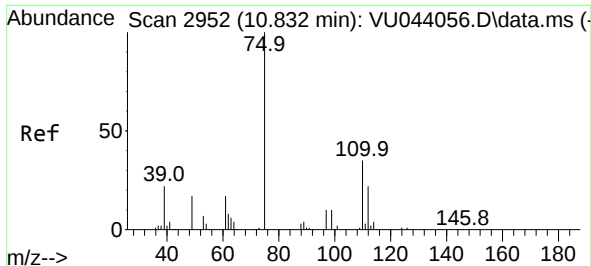
Tgt Ion:	43	Resp:	7854
Ion	Ratio	Lower	Upper
43	100		
70	37.1	37.3	55.9#
55	27.5	23.0	34.4
61	21.4	20.6	30.8



#75
1,1,2,2-Tetrachloroethane
Concen: 0.248 ug/l
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU044059.D
Acq: 07 Jun 2021 16:10

Tgt Ion:	83	Resp:	1288
Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.3	12.8#
85	55.9	31.7	95.1

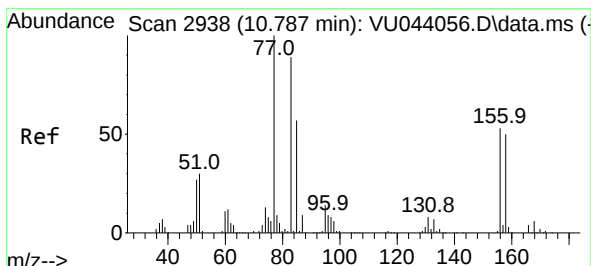
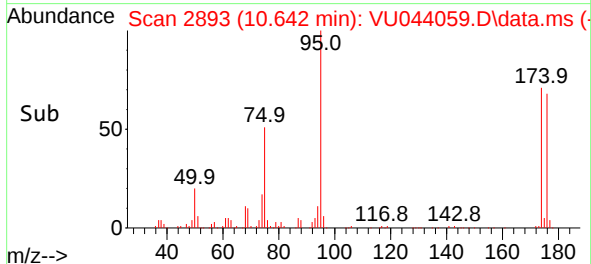
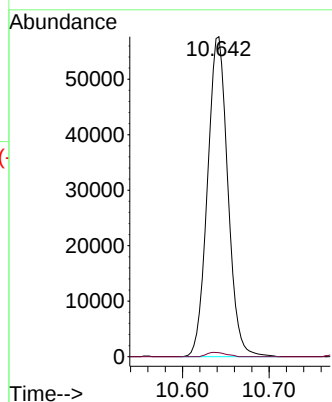
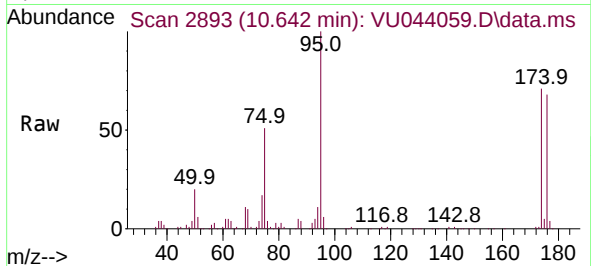




#76
1,2,3-Trichloropropane
Concen: 19.818 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. -0.190 min
Lab File: VU044059.D
Acq: 07 Jun 2021 16:10

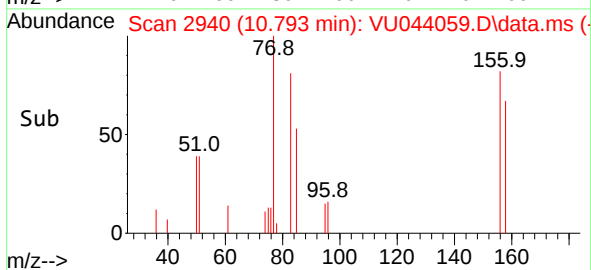
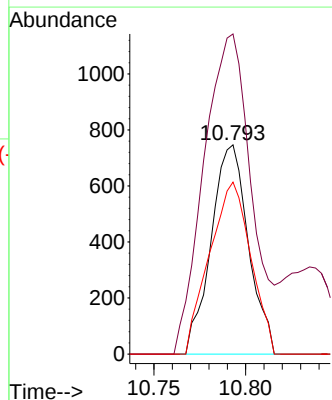
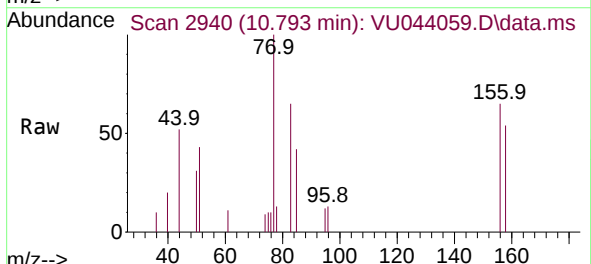
Instrument :
MSVOA_U
ClientSampled :
I.BLK

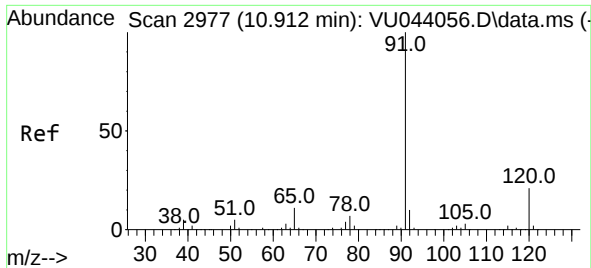
Tgt Ion: 75 Resp: 94034
Ion Ratio Lower Upper
75 100
77 1.3 16.9 50.6#



#77
Bromobenzene
Concen: 0.384 ug/l
RT: 10.793 min Scan# 2940
Delta R.T. 0.006 min
Lab File: VU044059.D
Acq: 07 Jun 2021 16:10

Tgt Ion:156 Resp: 1055
Ion Ratio Lower Upper
156 100
77 195.1 95.3 286.1
158 91.1 47.6 142.9

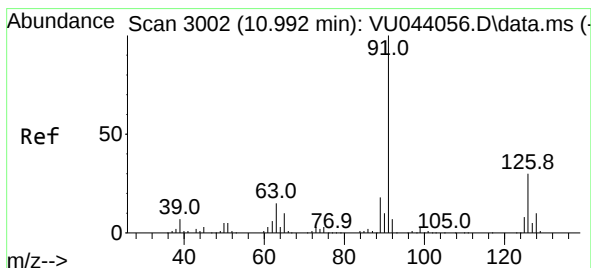
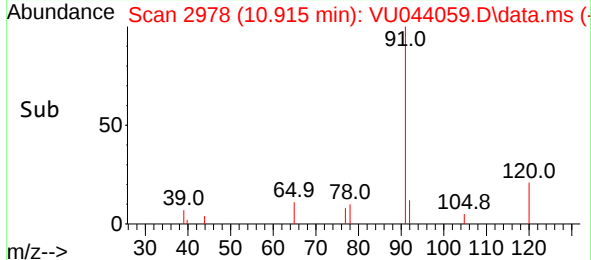
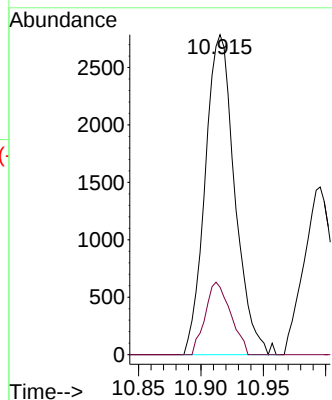
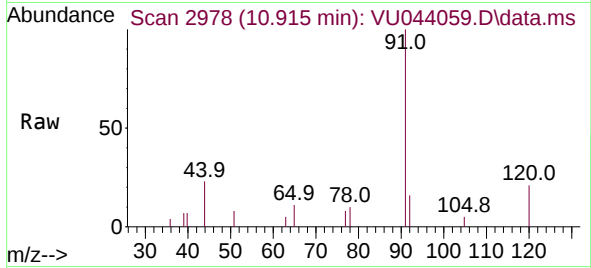




#78
n-propylbenzene
Concen: 0.313 ug/l
RT: 10.915 min Scan# 2978
Delta R.T. 0.003 min
Lab File: VU044059.D
Acq: 07 Jun 2021 16:10

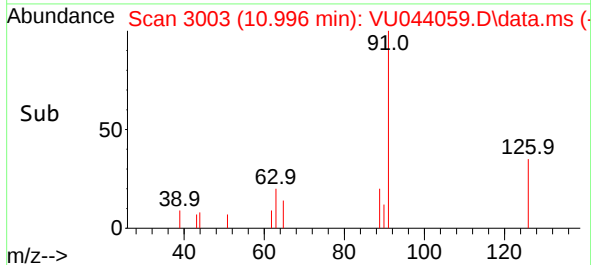
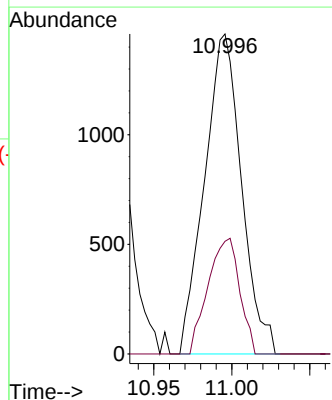
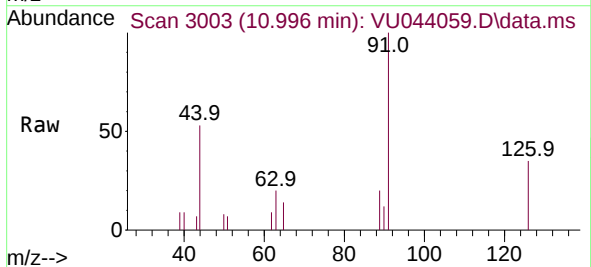
Instrument :
MSVOA_U
ClientSampled :
I.BLK

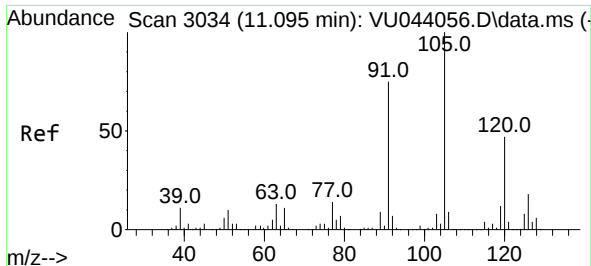
Tgt Ion: 91 Resp: 4616
Ion Ratio Lower Upper
91 100
120 19.4 10.4 31.4



#79
2-Chlorotoluene
Concen: 0.273 ug/l
RT: 10.996 min Scan# 3003
Delta R.T. 0.003 min
Lab File: VU044059.D
Acq: 07 Jun 2021 16:10

Tgt Ion: 91 Resp: 2407
Ion Ratio Lower Upper
91 100
126 30.9 15.3 45.8

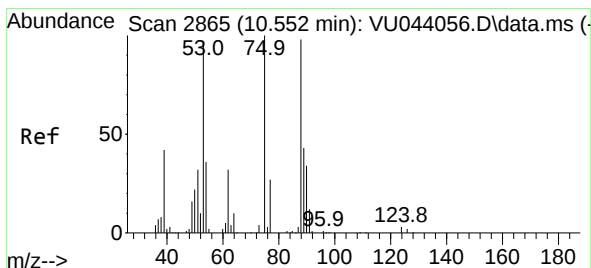
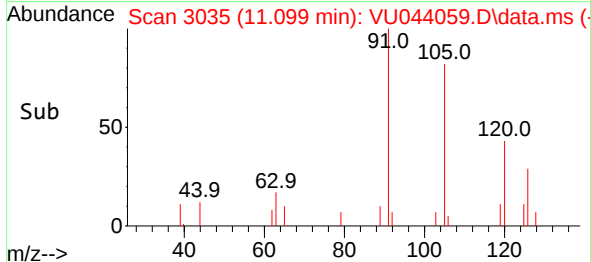
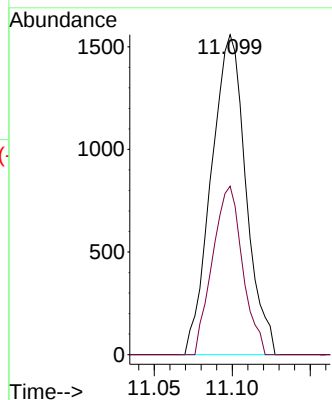
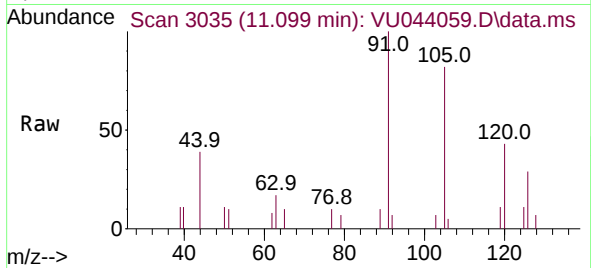




#80
1,3,5-Trimethylbenzene
Concen: 0.237 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.003 min
Lab File: VU044059.D
Acq: 07 Jun 2021 16:10

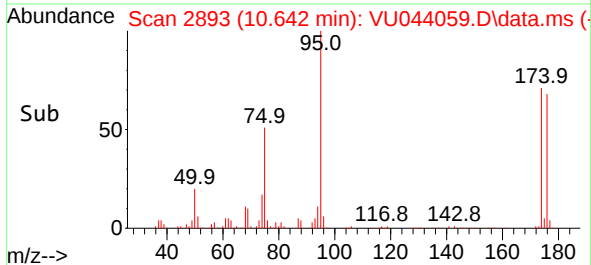
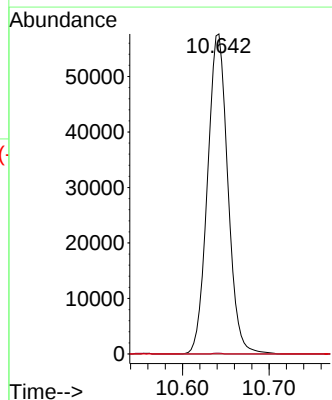
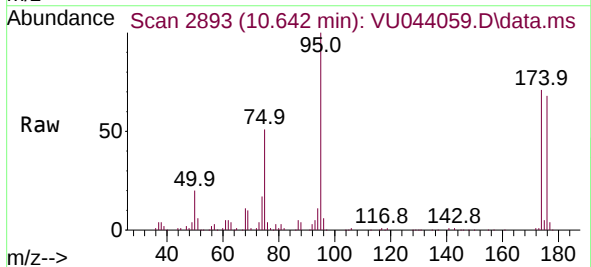
Instrument :
MSVOA_U
ClientSampleId :
I.BLK

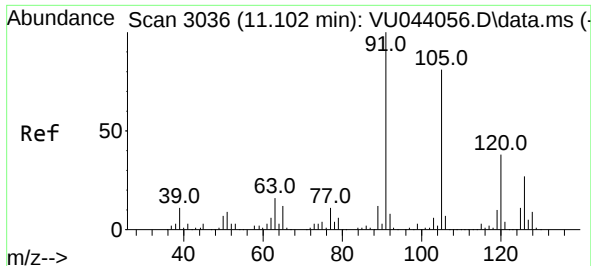
Tgt Ion:105 Resp: 2409
Ion Ratio Lower Upper
105 100
120 45.5 23.4 70.2



#81
trans-1,4-Dichloro-2-butene
Concen: 57.868 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.090 min
Lab File: VU044059.D
Acq: 07 Jun 2021 16:10

Tgt Ion: 75 Resp: 94034
Ion Ratio Lower Upper
75 100
53 0.1 76.9 115.3#
89 0.0 33.8 50.8#

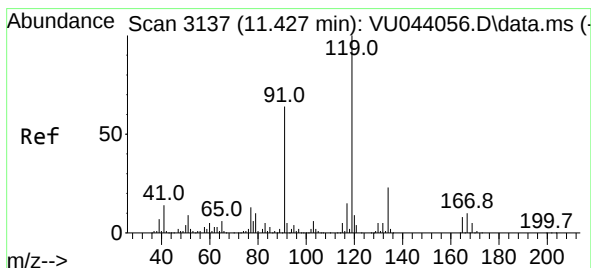
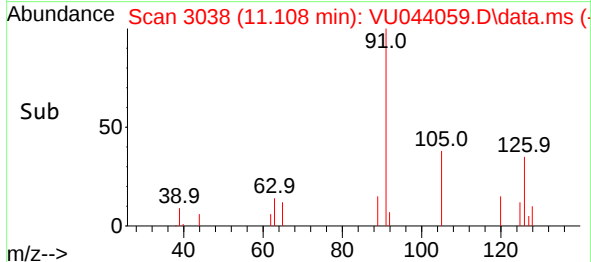
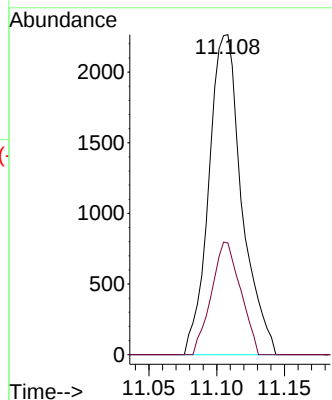
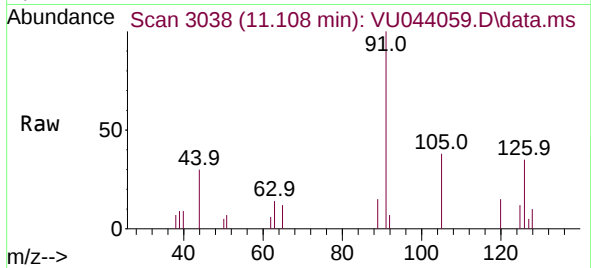




#82
4-Chlorotoluene
Concen: 0.371 ug/l
RT: 11.108 min Scan# 3038
Delta R.T. 0.006 min
Lab File: VU044059.D
Acq: 07 Jun 2021 16:10

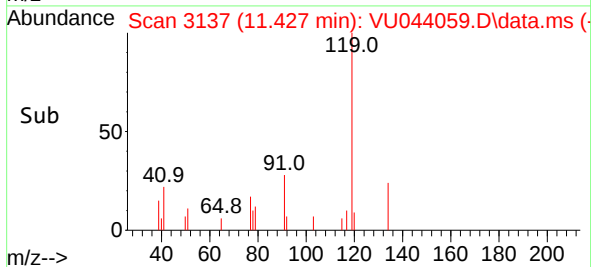
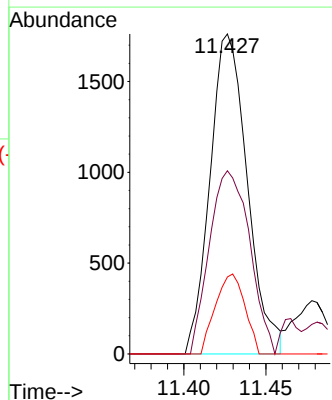
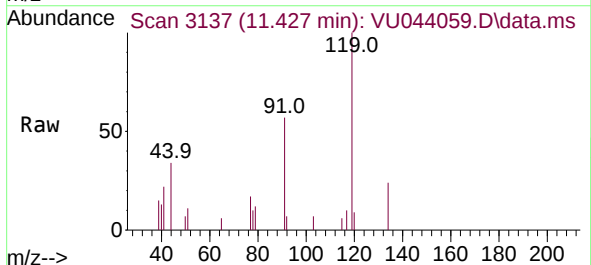
Instrument :
MSVOA_U
ClientSampled :
I.BLK

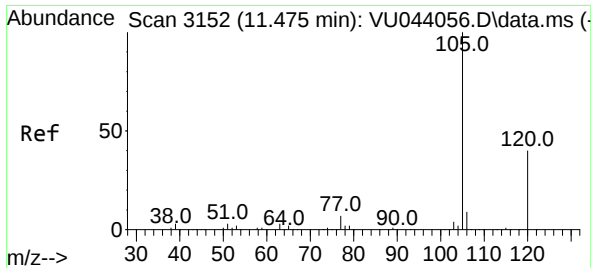
Tgt Ion: 91 Resp: 3833
Ion Ratio Lower Upper
91 100
126 31.0 13.4 40.1



#83
tert-Butylbenzene
Concen: 0.295 ug/l
RT: 11.427 min Scan# 3137
Delta R.T. -0.000 min
Lab File: VU044059.D
Acq: 07 Jun 2021 16:10

Tgt Ion: 119 Resp: 2785
Ion Ratio Lower Upper
119 100
91 61.7 30.6 92.0
134 19.6 11.2 33.6

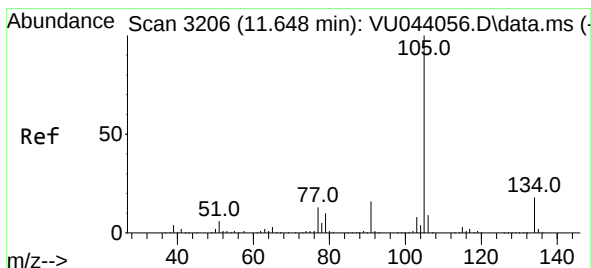
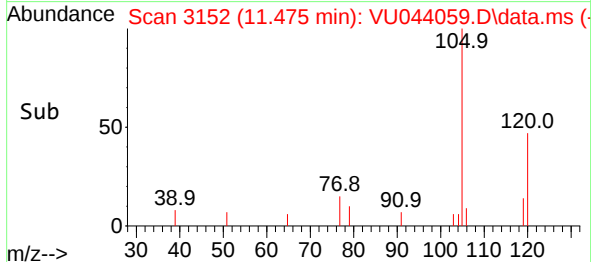
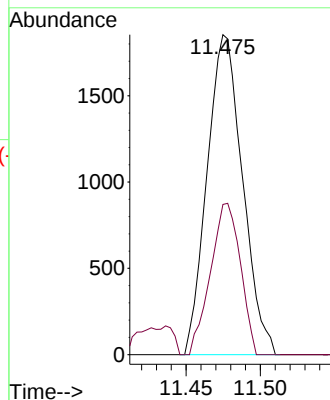
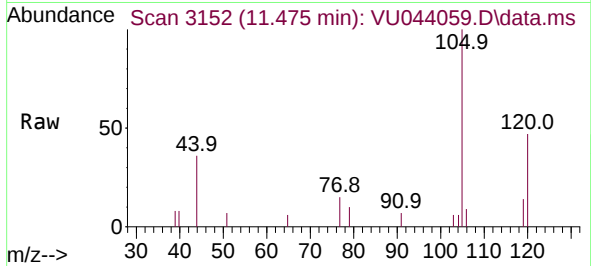




#84
1,2,4-Trimethylbenzene
Concen: 1.224 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU044059.D
Acq: 07 Jun 2021 16:10

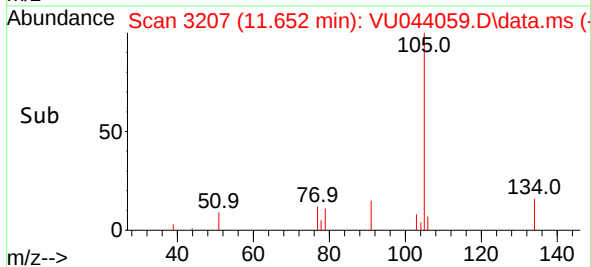
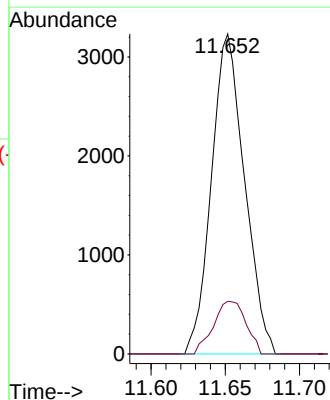
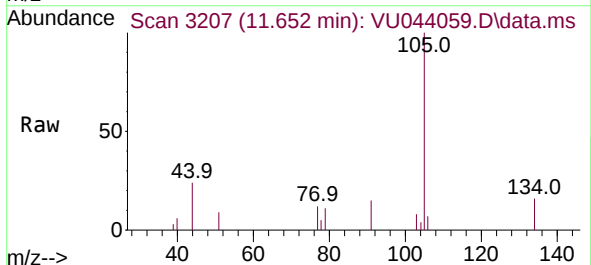
Instrument :
MSVOA_U
ClientSampled :
I.BLK

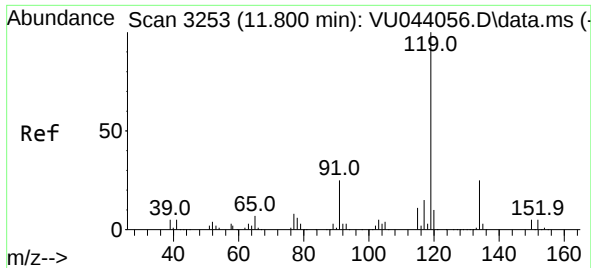
Tgt Ion:105 Resp: 3074
Ion Ratio Lower Upper
105 100
120 39.9 21.9 65.7



#85
sec-Butylbenzene
Concen: 0.406 ug/l
RT: 11.652 min Scan# 3207
Delta R.T. 0.004 min
Lab File: VU044059.D
Acq: 07 Jun 2021 16:10

Tgt Ion:105 Resp: 5000
Ion Ratio Lower Upper
105 100
134 16.2 9.3 27.9

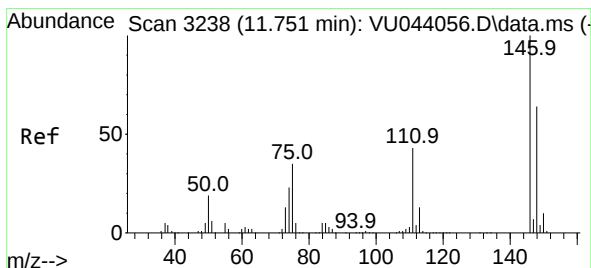
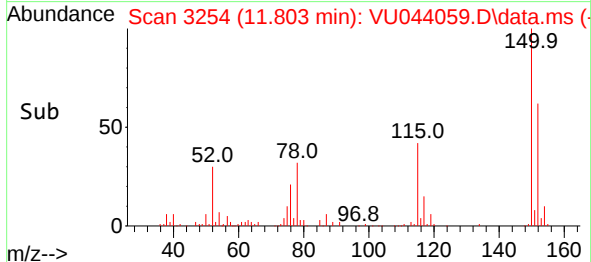
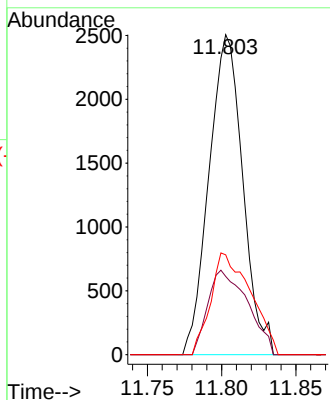
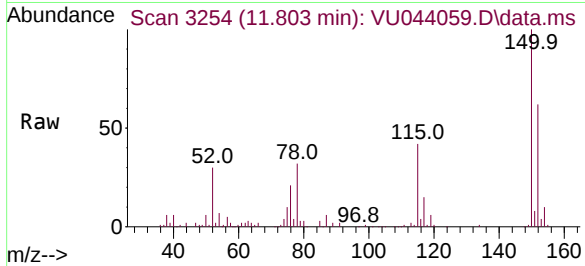




#86
p-Isopropyltoluene
Concen: 0.379 ug/l
RT: 11.803 min Scan# 3254
Delta R.T. 0.003 min
Lab File: VU044059.D
Acq: 07 Jun 2021 16:10

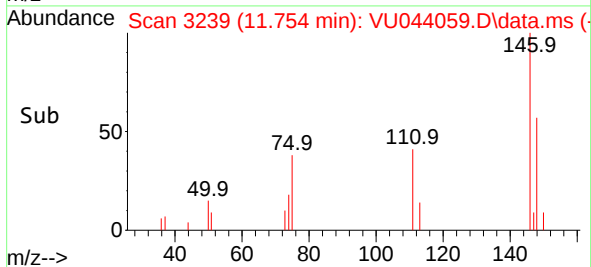
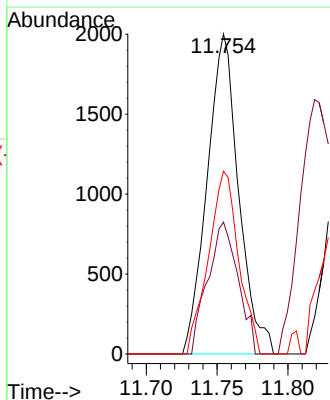
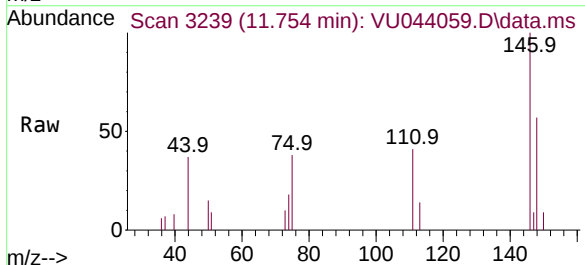
Instrument :
MSVOA_U
ClientSampleId :
I.BLK

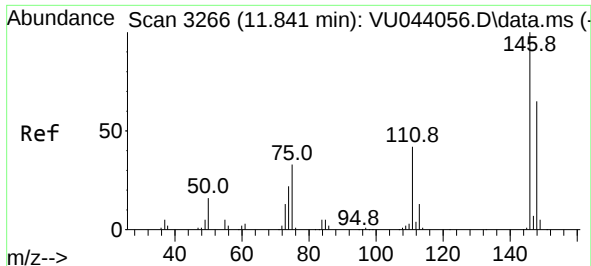
Tgt Ion:	119	Resp:	3961
Ion Ratio	Lower	Upper	
119	100		
134	31.1	12.5	37.5
91	37.6	12.5	37.5#



#87
1,3-Dichlorobenzene
Concen: 0.565 ug/l
RT: 11.754 min Scan# 3239
Delta R.T. 0.003 min
Lab File: VU044059.D
Acq: 07 Jun 2021 16:10

Tgt Ion:	146	Resp:	3096
Ion Ratio	Lower	Upper	
146	100		
111	39.7	21.8	65.4
148	54.7	32.1	96.3

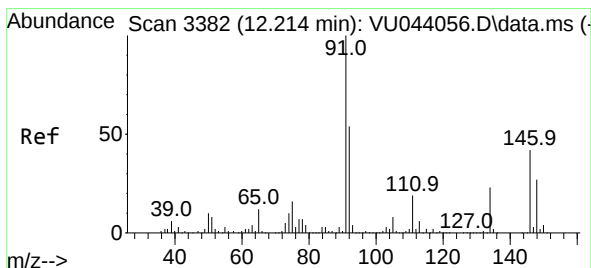
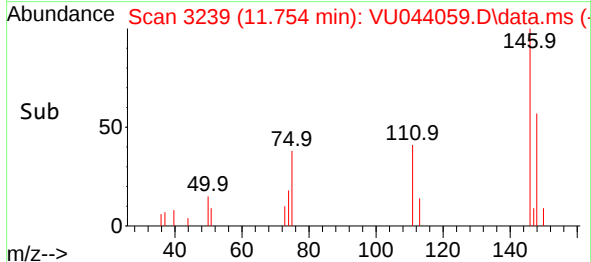
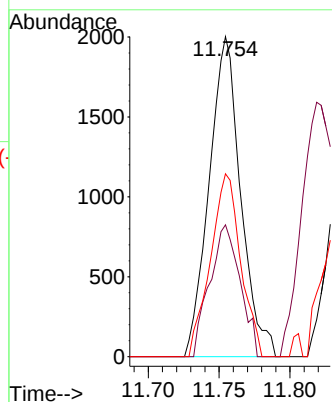
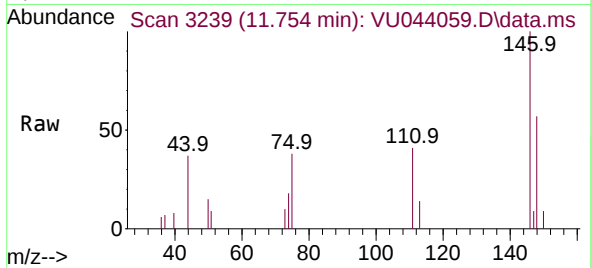




#88
1,4-Dichlorobenzene
Concen: 0.535 ug/l
RT: 11.754 min Scan# 3239
Delta R.T. -0.087 min
Lab File: VU044059.D
Acq: 07 Jun 2021 16:10

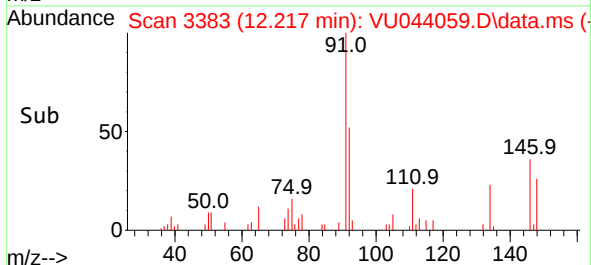
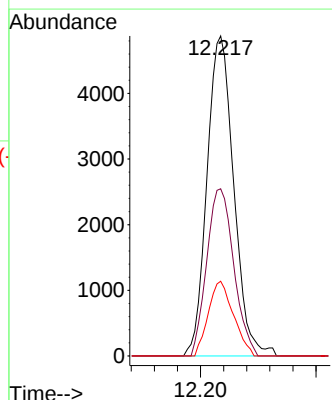
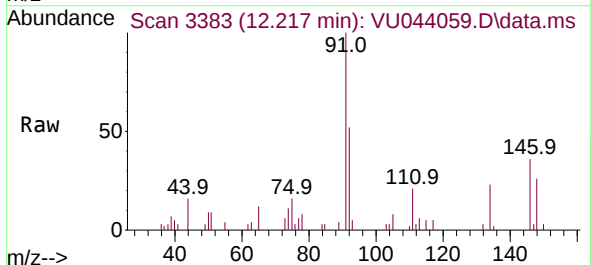
Instrument :
MSVOA_U
ClientSampled :
I.BLK

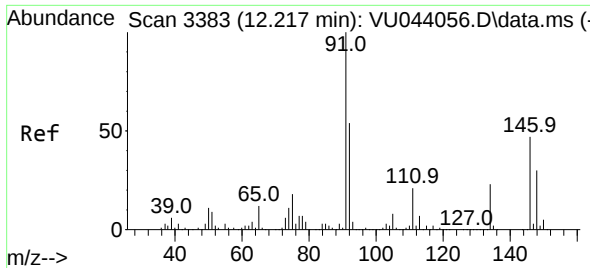
Tgt Ion:146 Resp: 3096
Ion Ratio Lower Upper
146 100
111 39.7 21.4 64.3
148 54.7 32.4 97.2



#89
n-Butylbenzene
Concen: 0.743 ug/l
RT: 12.217 min Scan# 3383
Delta R.T. 0.003 min
Lab File: VU044059.D
Acq: 07 Jun 2021 16:10

Tgt Ion: 91 Resp: 7849
Ion Ratio Lower Upper
91 100
92 52.6 26.8 80.4
134 21.9 11.4 34.2

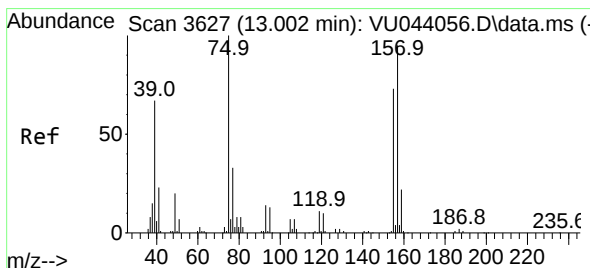
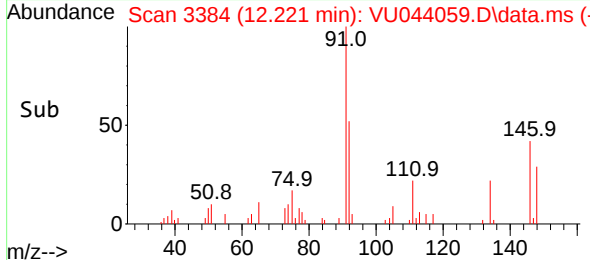
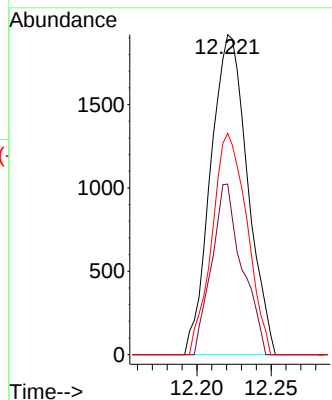
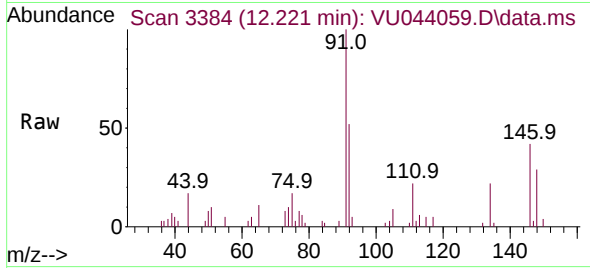




#91
1,2-Dichlorobenzene
Concen: 0.611 ug/l
RT: 12.221 min Scan# 3384
Delta R.T. 0.003 min
Lab File: VU044059.D
Acq: 07 Jun 2021 16:10

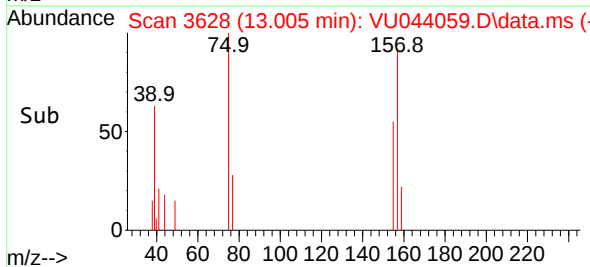
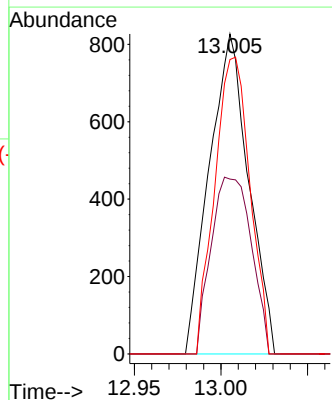
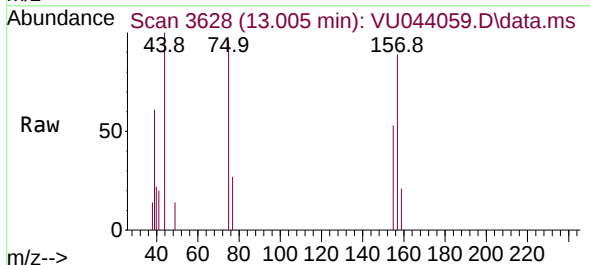
Instrument :
MSVOA_U
ClientSampleId :
I.BLK

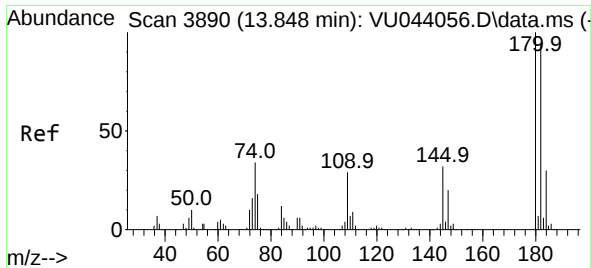
Tgt Ion:146 Resp: 3322
Ion Ratio Lower Upper
146 100
111 43.9 22.3 66.9
148 65.2 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.146 ug/l
RT: 13.005 min Scan# 3628
Delta R.T. 0.003 min
Lab File: VU044059.D
Acq: 07 Jun 2021 16:10

Tgt Ion: 75 Resp: 1303
Ion Ratio Lower Upper
75 100
155 56.5 36.0 108.1
157 83.3 46.6 139.7

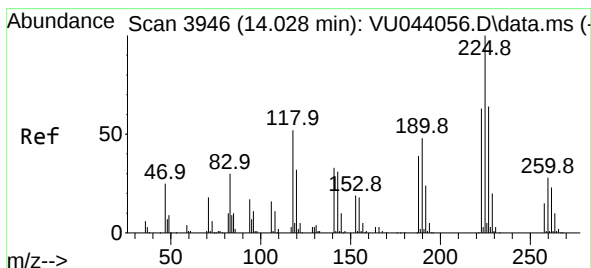
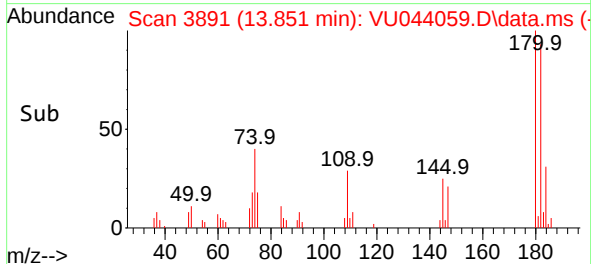
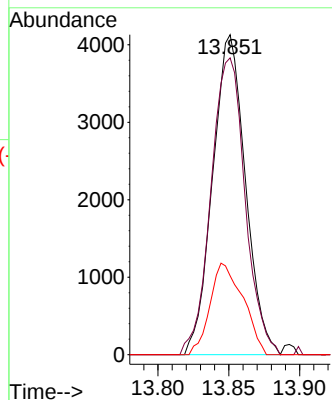
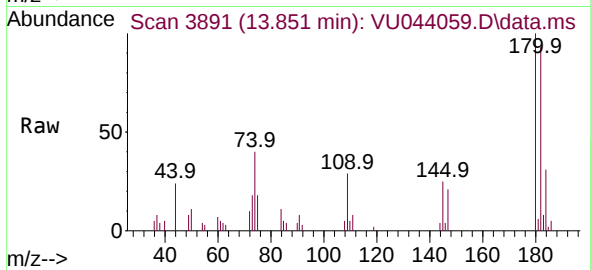




#93
1,2,4-Trichlorobenzene
Concen: 2.090 ug/l
RT: 13.851 min Scan# 3891
Delta R.T. 0.003 min
Lab File: VU044059.D
Acq: 07 Jun 2021 16:10

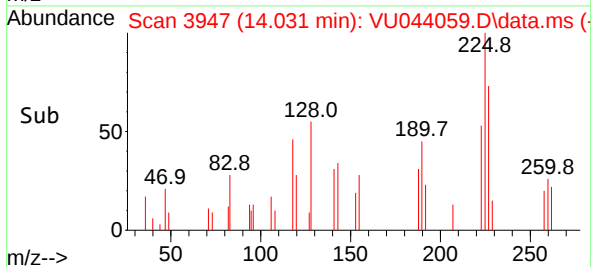
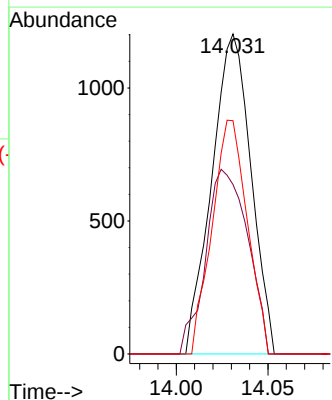
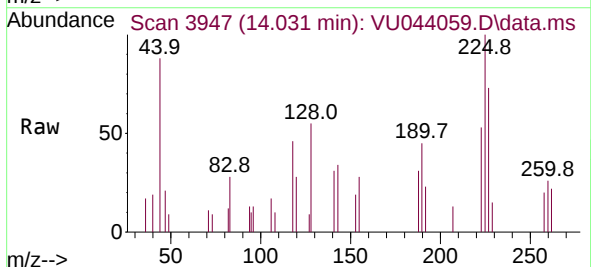
Instrument :
MSVOA_U
ClientSampleId :
I.BLK

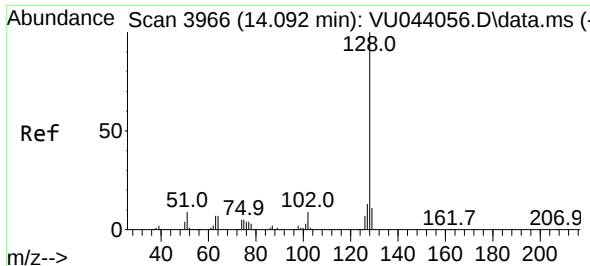
Tgt Ion:180 Resp: 6662
Ion Ratio Lower Upper
180 100
182 96.5 47.1 141.3
145 28.7 16.0 47.9



#94
Hexachlorobutadiene
Concen: 0.986 ug/l
RT: 14.031 min Scan# 3947
Delta R.T. 0.003 min
Lab File: VU044059.D
Acq: 07 Jun 2021 16:10

Tgt Ion:225 Resp: 1791
Ion Ratio Lower Upper
225 100
223 61.9 31.6 94.8
227 65.5 31.8 95.4

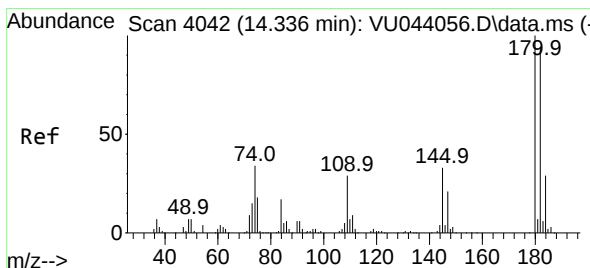
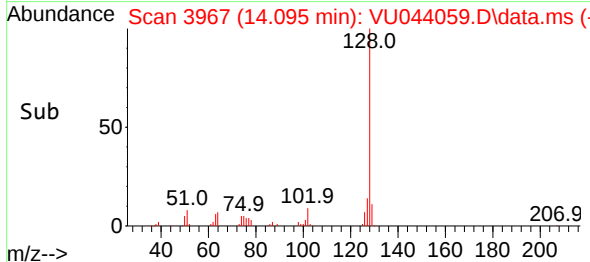
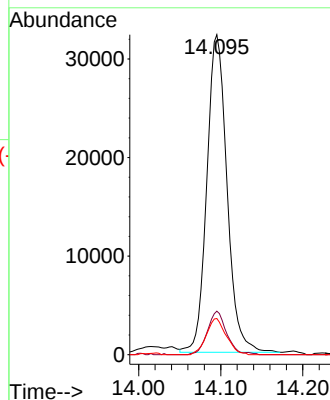
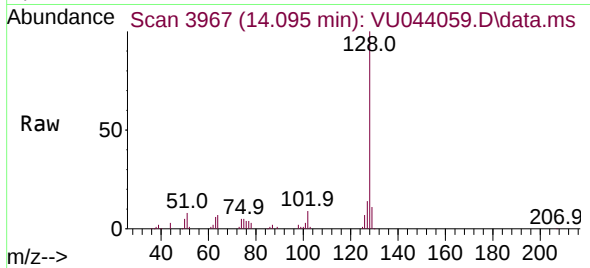




#95
Naphthalene
Concen: 7.360 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU044059.D
Acq: 07 Jun 2021 16:10

Instrument :
MSVOA_U
ClientSampleId :
I.BLK

Tgt Ion:128	Resp:	55368
Ion Ratio	Lower	Upper
128	100	
127	13.1	10.2 15.4
129	11.2	8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 2.859 ug/l
RT: 14.340 min Scan# 4043
Delta R.T. 0.003 min
Lab File: VU044059.D
Acq: 07 Jun 2021 16:10

Tgt Ion:180	Resp:	8779
Ion Ratio	Lower	Upper
180	100	
182	95.3	47.3 141.9
145	33.9	16.9 50.7

