

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061521\
 Data File : VU044222.D
 Acq On : 15 Jun 2021 12:55
 Operator : SY/MD
 Sample : M2674-09 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TMR-DS-03-060921

Quant Time: Jun 15 13:24:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 05:11:37 2021
 Response via : Initial Calibration

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

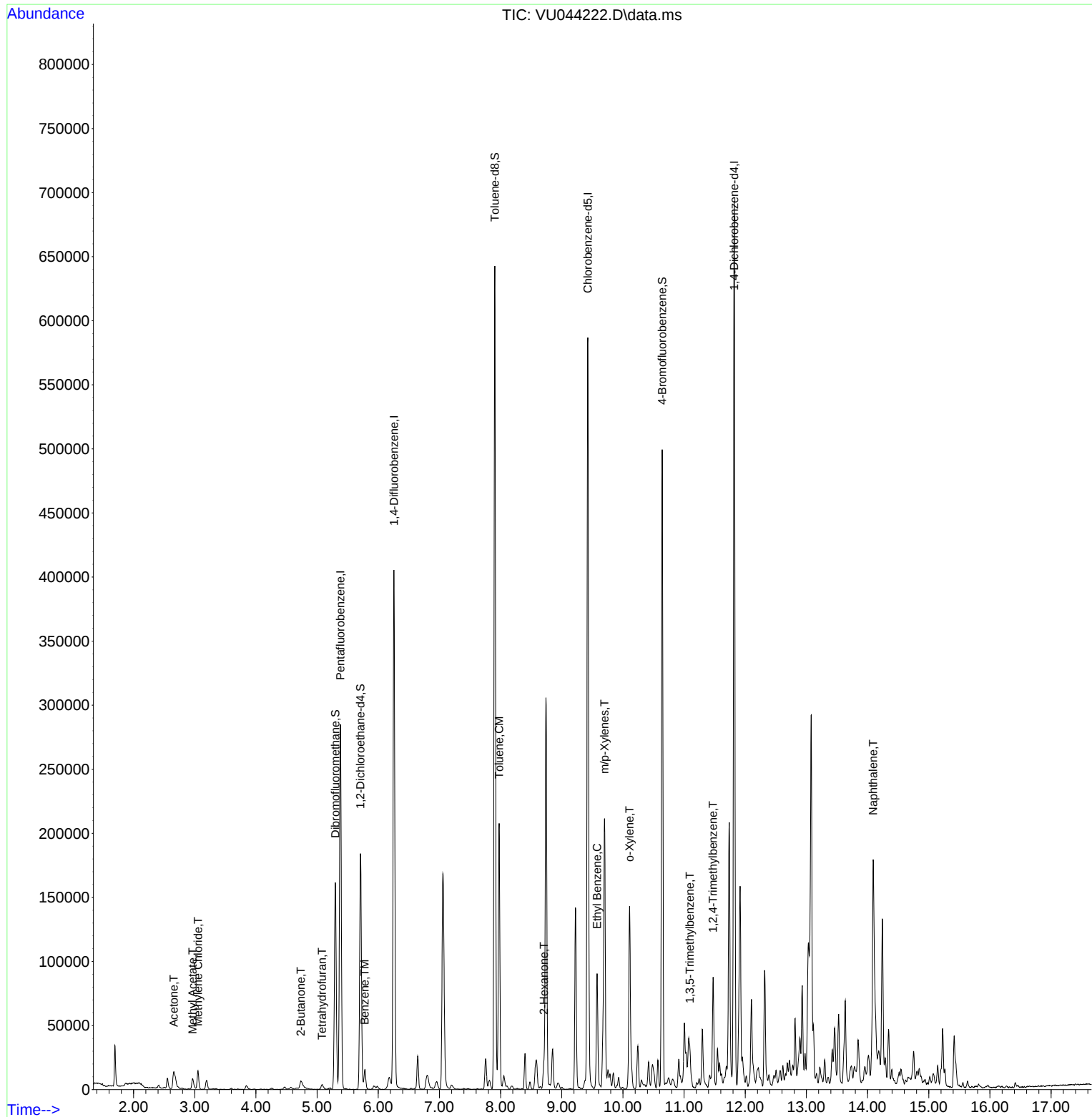
Internal Standards						
1) Pentafluorobenzene	5.382	168	192528	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	325977	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.427	117	335361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	177049	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	136174	44.477	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.960%	
35) Dibromofluoromethane	5.298	113	107098	47.230	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.460%	
50) Toluene-d8	7.906	98	421144	48.360	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.720%	
62) 4-Bromofluorobenzene	10.642	95	173479	49.708	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.420%	
Target Compounds					Qvalue	
16) Acetone	2.658	43	25889	14.358	ug/l	93
18) Methyl Acetate	2.964	43	11807	2.998	ug/l	99
20) Methylene Chloride	3.054	84	6892	1.331	ug/l	97
25) 2-Butanone	4.736	43	14729	5.764	ug/l	97
29) Tetrahydrofuran	5.083	42	3101	2.232	ug/l	95
40) Benzene	5.781	78	13782	1.282	ug/l	99
52) Toluene	7.977	92	88378	13.874	ug/l	100
59) 2-Hexanone	8.710	43	11376	3.196	ug/l	80
67) Ethyl Benzene	9.578	91	62077	4.819	ug/l	97
68) m/p-Xylenes	9.700	106	58078	12.072	ug/l	100
69) o-Xylene	10.108	106	36096	7.913	ug/l	98
80) 1,3,5-Trimethylbenzene	11.095	105	12920	1.225	ug/l	100
84) 1,2,4-Trimethylbenzene	11.475	105	42398	4.001	ug/l	99
95) Naphthalene	14.092	128	122386	12.112	ug/l	98

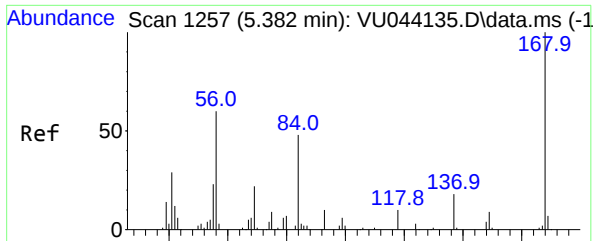
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TMR-DS-03-060921

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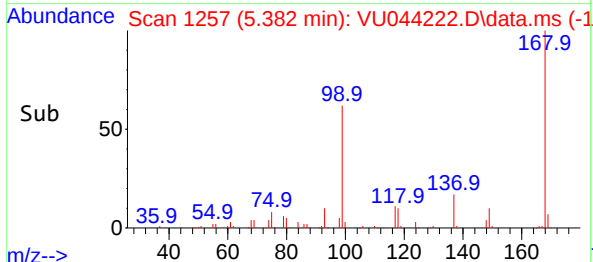
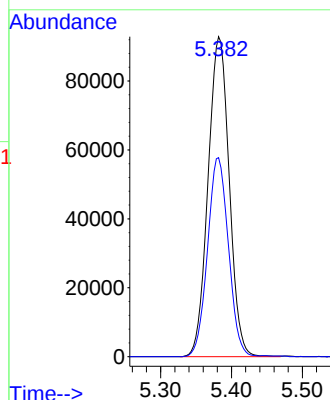
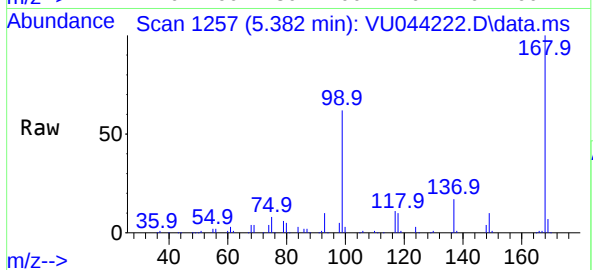




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU044222.D
Acq: 15 Jun 2021 12:55

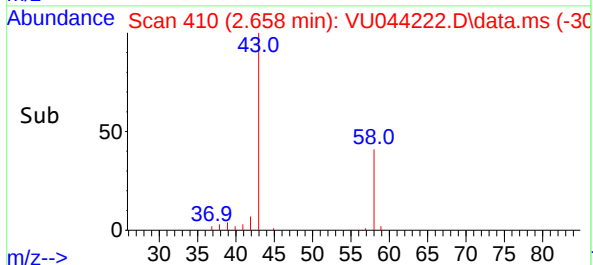
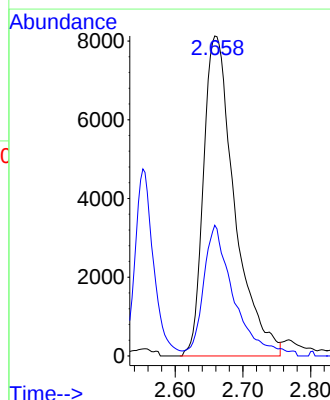
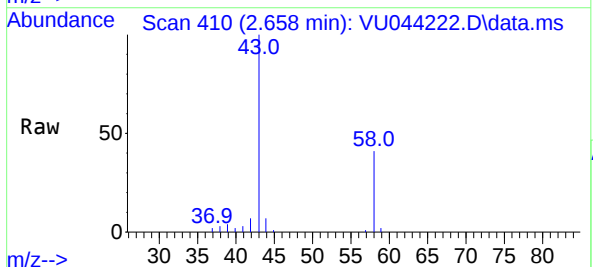
Instrument :
MSVOA_U
ClientSampleId :
TMR-DS-03-060921

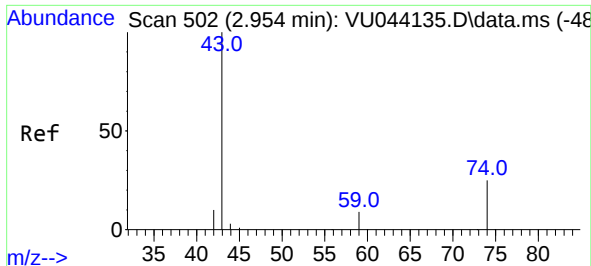
Tgt Ion:168 Resp: 192528
Ion Ratio Lower Upper
168 100
99 62.2 51.3 76.9



#16
Acetone
Concen: 14.358 ug/l
RT: 2.658 min Scan# 410
Delta R.T. 0.025 min
Lab File: VU044222.D
Acq: 15 Jun 2021 12:55

Tgt Ion: 43 Resp: 25889
Ion Ratio Lower Upper
43 100
58 39.2 28.0 42.0

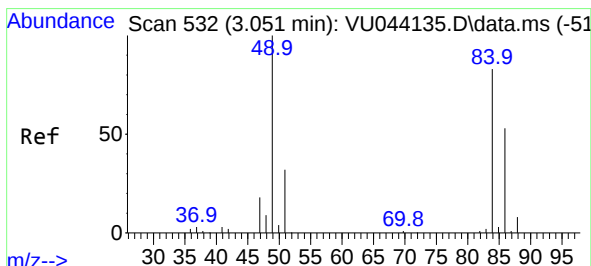
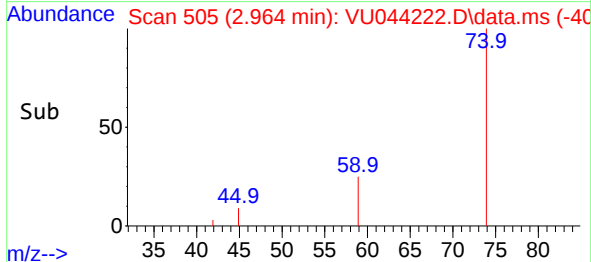
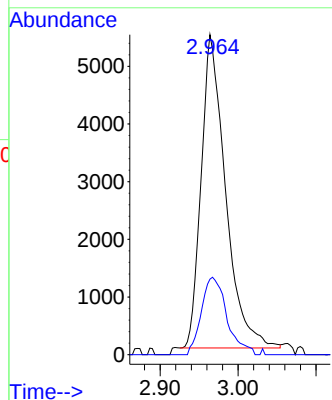
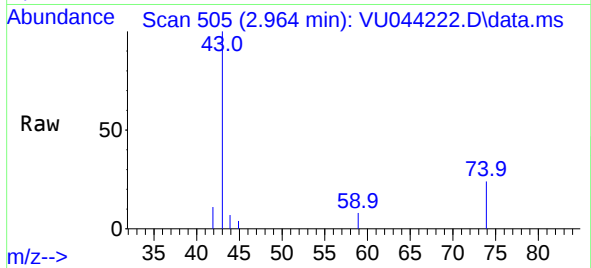




#18
Methyl Acetate
Concen: 2.998 ug/l
RT: 2.964 min Scan# 505
Delta R.T. 0.010 min
Lab File: VU044222.D
Acq: 15 Jun 2021 12:55

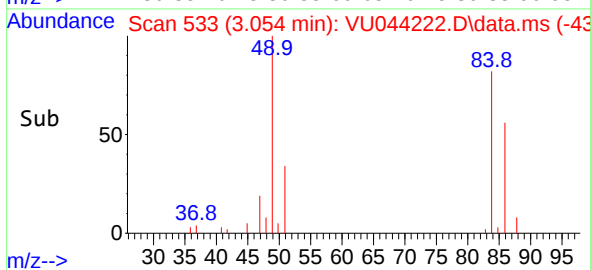
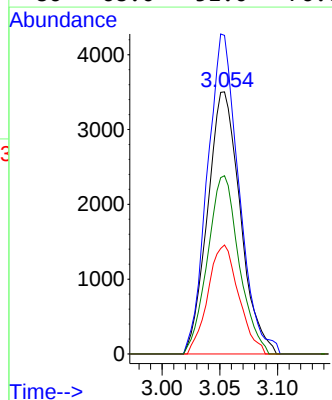
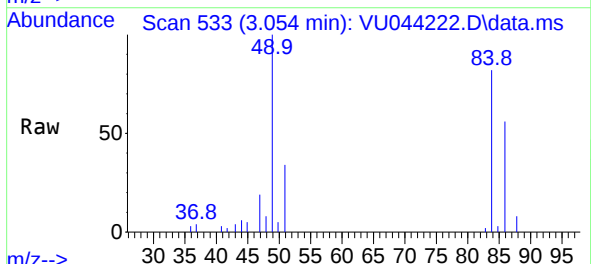
Instrument :
MSVOA_U
ClientSampleId :
TMR-DS-03-060921

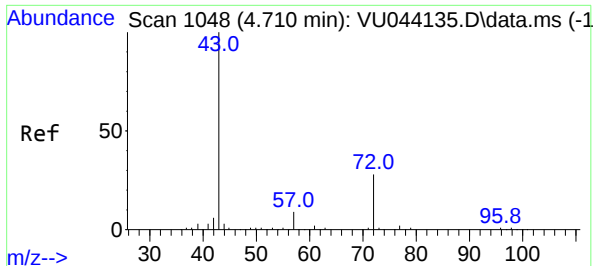
Tgt Ion: 43 Resp: 11807
Ion Ratio Lower Upper
43 100
74 25.8 20.3 30.5



#20
Methylene Chloride
Concen: 1.331 ug/l
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU044222.D
Acq: 15 Jun 2021 12:55

Tgt Ion: 84 Resp: 6892
Ion Ratio Lower Upper
84 100
49 121.6 96.9 145.3
51 41.6 31.0 46.6
86 68.0 51.0 76.6

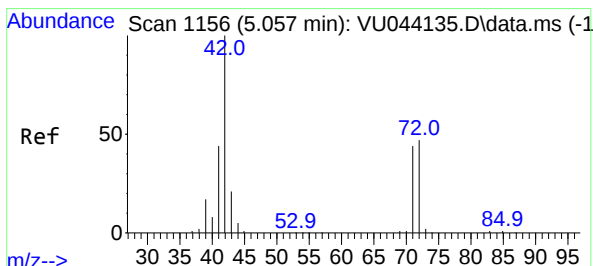
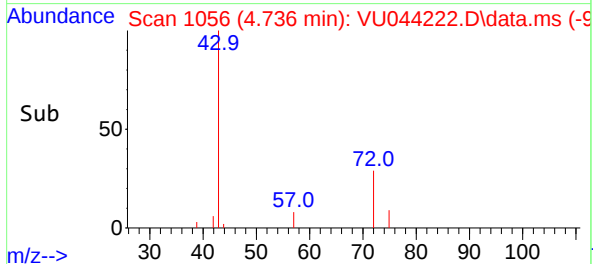
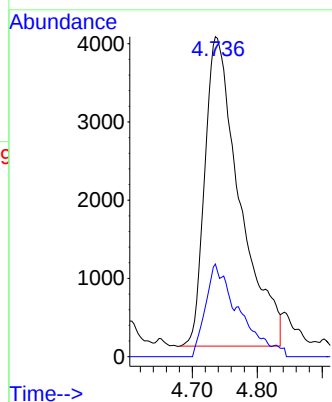
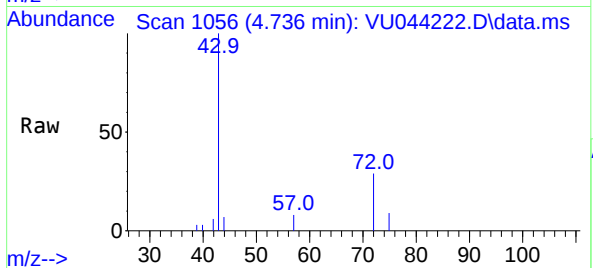




#25
2-Butanone
Concen: 5.764 ug/l
RT: 4.736 min Scan# 1056
Delta R.T. 0.026 min
Lab File: VU044222.D
Acq: 15 Jun 2021 12:55

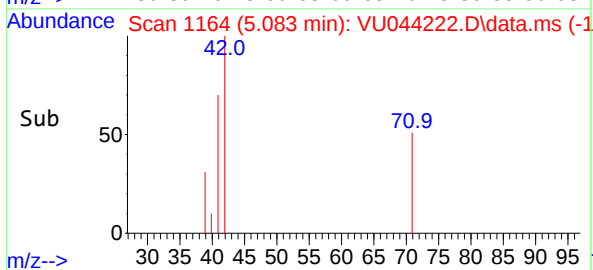
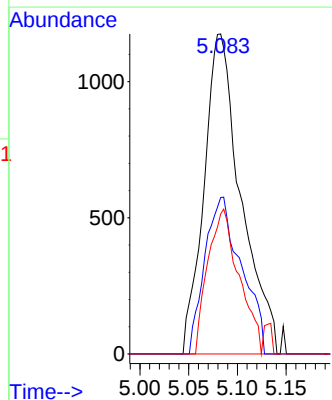
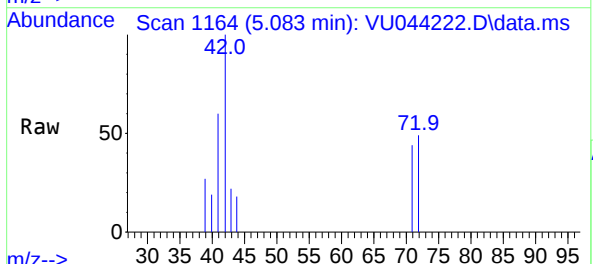
Instrument :
MSVOA_U
ClientSampleId :
TMR-DS-03-060921

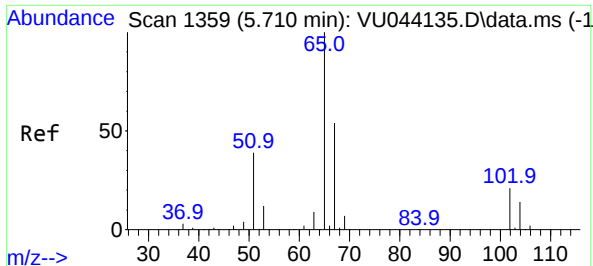
Tgt Ion: 43 Resp: 14729
Ion Ratio Lower Upper
43 100
72 29.9 22.6 33.8



#29
Tetrahydrofuran
Concen: 2.232 ug/l
RT: 5.083 min Scan# 1164
Delta R.T. 0.026 min
Lab File: VU044222.D
Acq: 15 Jun 2021 12:55

Tgt Ion: 42 Resp: 3101
Ion Ratio Lower Upper
42 100
72 48.4 38.6 57.8
71 38.2 35.5 53.3

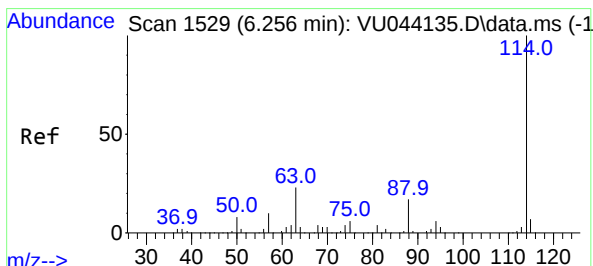
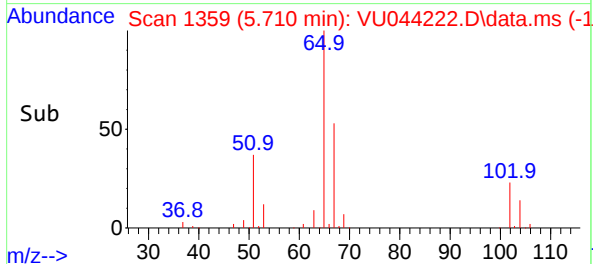
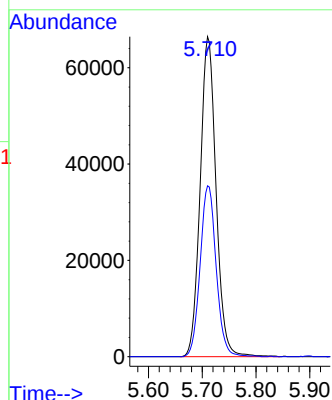
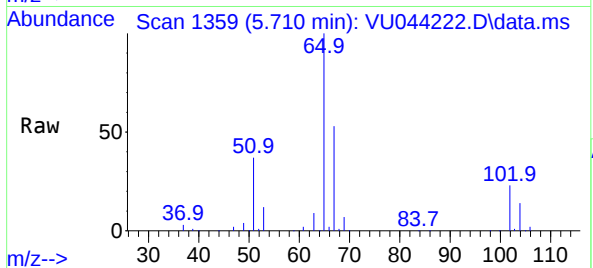




#33
1,2-Dichloroethane-d4
Concen: 44.477 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU044222.D
Acq: 15 Jun 2021 12:55

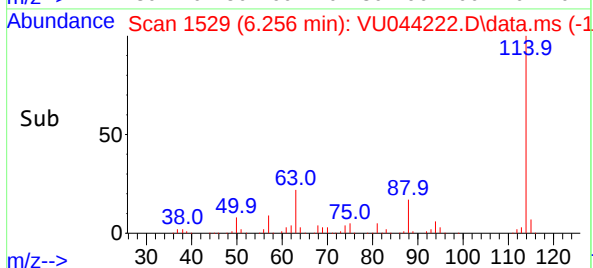
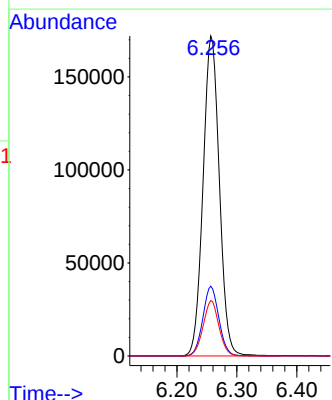
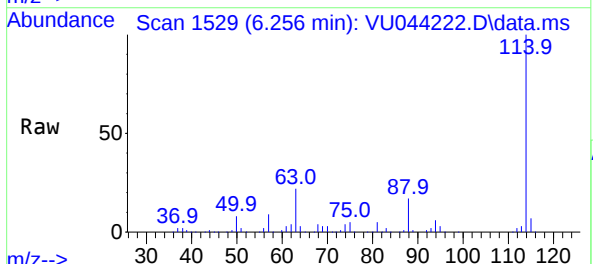
Instrument :
MSVOA_U
ClientSampleId :
TMR-DS-03-060921

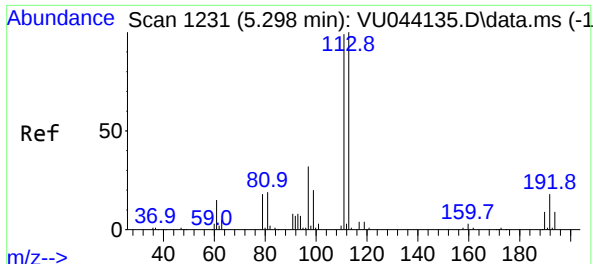
Tgt Ion: 65 Resp: 136174
Ion Ratio Lower Upper
65 100
67 53.9 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU044222.D
Acq: 15 Jun 2021 12:55

Tgt Ion: 114 Resp: 325977
Ion Ratio Lower Upper
114 100
63 21.8 0.0 45.8
88 17.3 0.0 34.0



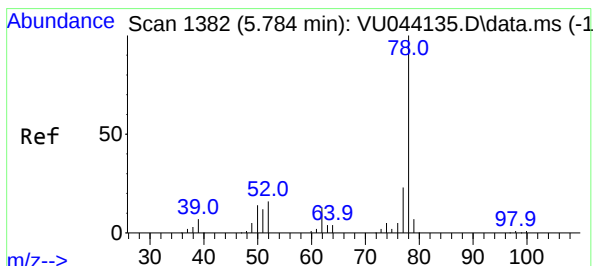
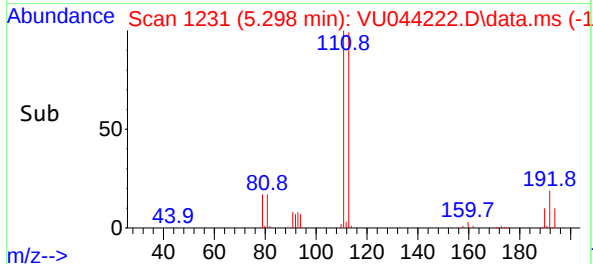
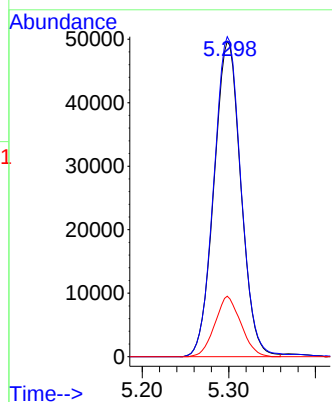
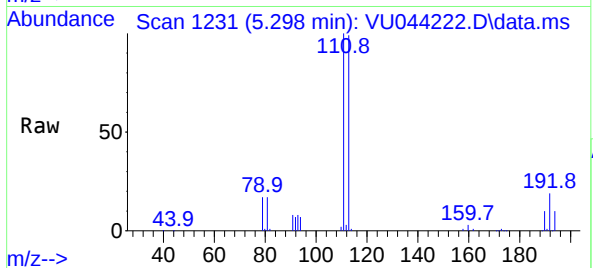


#35

Dibromofluoromethane
Concen: 47.230 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU044222.D
Acq: 15 Jun 2021 12:55

Instrument :
MSVOA_U
ClientSampleId :
TMR-DS-03-060921

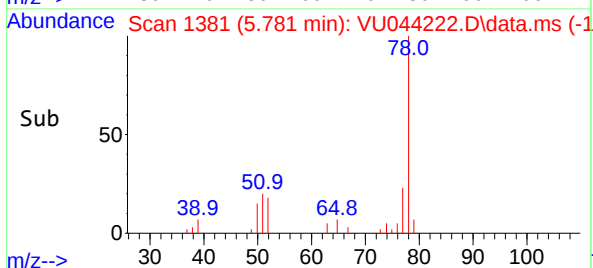
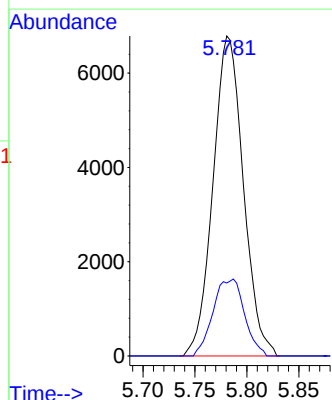
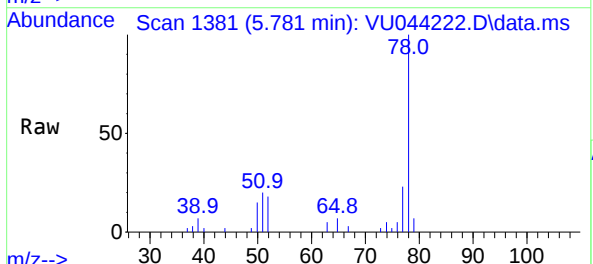
Tgt Ion:113 Resp: 107098
Ion Ratio Lower Upper
113 100
111 102.3 81.0 121.4
192 18.5 14.3 21.5

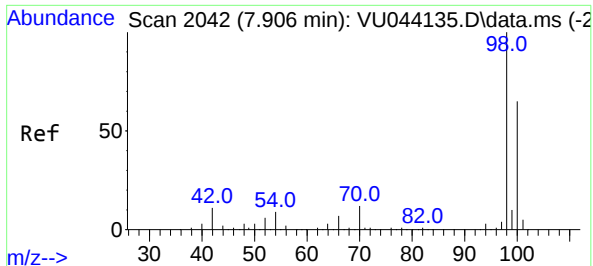


#40

Benzene
Concen: 1.282 ug/l
RT: 5.781 min Scan# 1381
Delta R.T. -0.003 min
Lab File: VU044222.D
Acq: 15 Jun 2021 12:55

Tgt Ion: 78 Resp: 13782
Ion Ratio Lower Upper
78 100
77 22.8 18.7 28.1

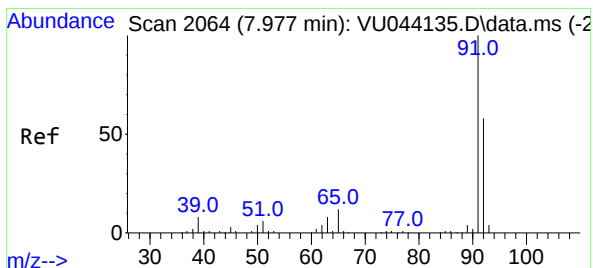
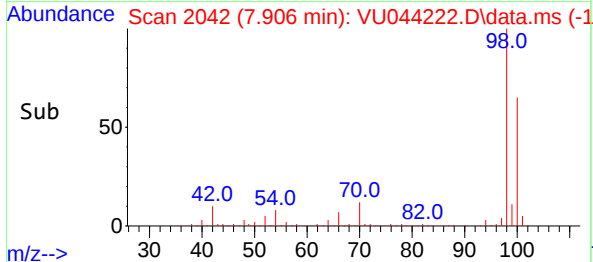
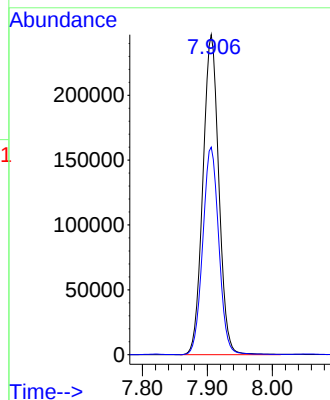
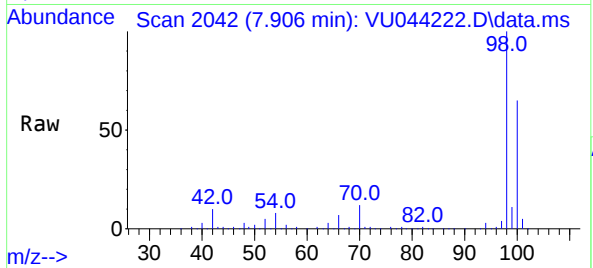




#50
Toluene-d8
Concen: 48.360 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU044222.D
Acq: 15 Jun 2021 12:55

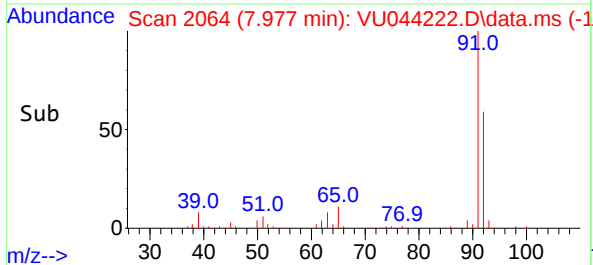
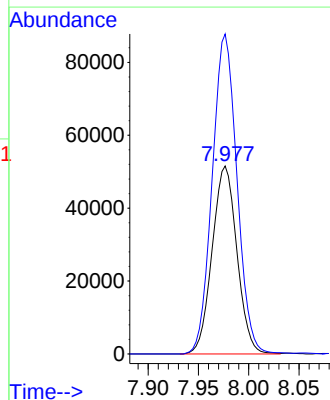
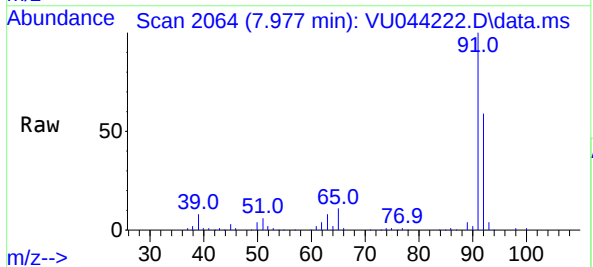
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TMR-DS-03-060921

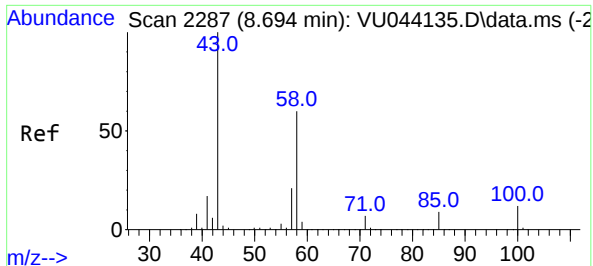
Tgt Ion: 98 Resp: 421144
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.4



#52
Toluene
Concen: 13.874 ug/l
RT: 7.977 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU044222.D
Acq: 15 Jun 2021 12:55

Tgt Ion: 92 Resp: 88378
Ion Ratio Lower Upper
92 100
91 170.2 136.2 204.4

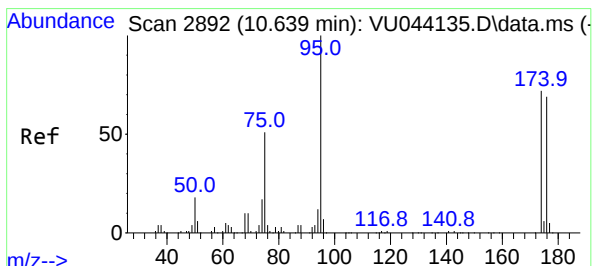
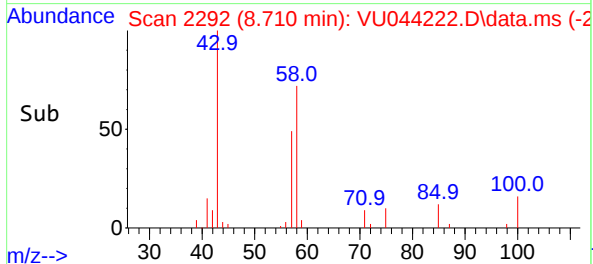
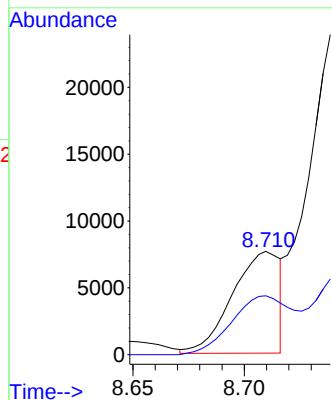
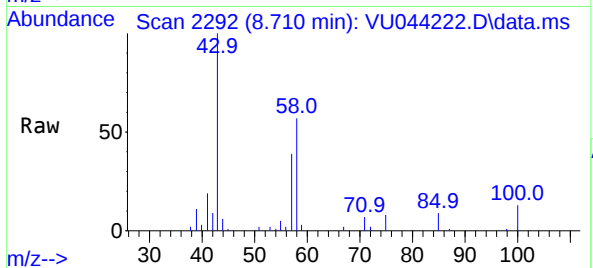




#59
2-Hexanone
Concen: 3.196 ug/l
RT: 8.710 min Scan# 2292
Delta R.T. 0.016 min
Lab File: VU044222.D
Acq: 15 Jun 2021 12:55

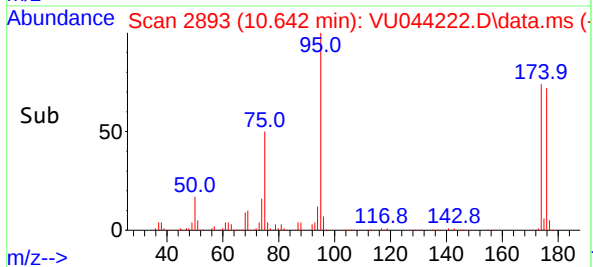
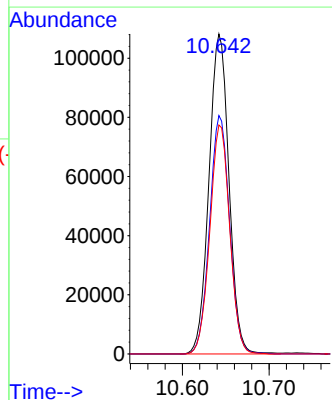
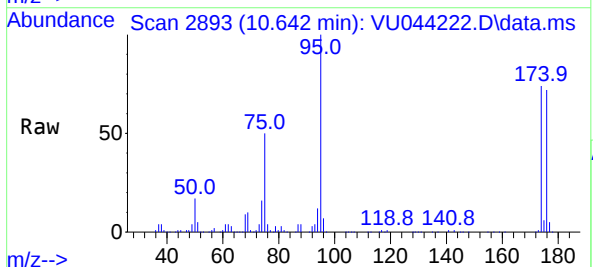
Instrument :
MSVOA_U
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TMR-DS-03-060921

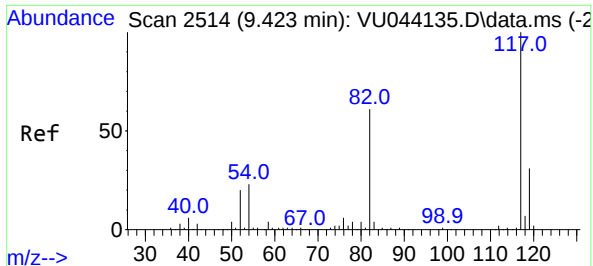
Tgt Ion: 43 Resp: 11376
Ion Ratio Lower Upper
43 100
58 75.0 30.0 90.1



#62
4-Bromofluorobenzene
Concen: 49.708 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.003 min
Lab File: VU044222.D
Acq: 15 Jun 2021 12:55

Tgt Ion: 95 Resp: 173479
Ion Ratio Lower Upper
95 100
174 74.5 0.0 144.4
176 71.0 0.0 138.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.427 min Scan# 2515

Delta R.T. 0.003 min

Lab File: VU044222.D

Acq: 15 Jun 2021 12:55

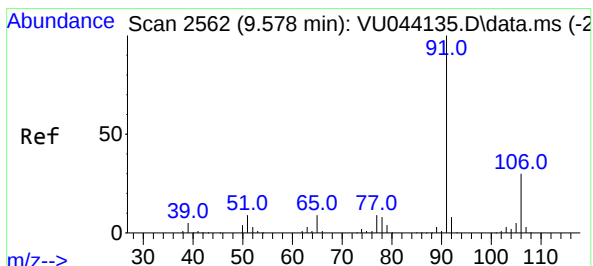
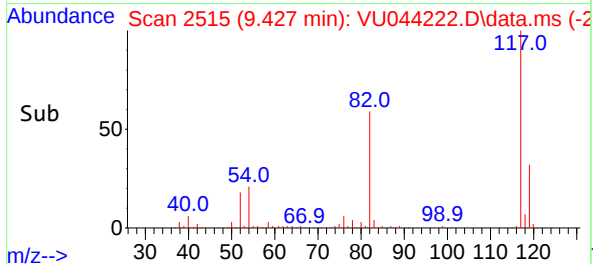
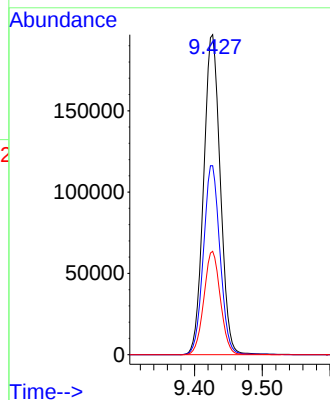
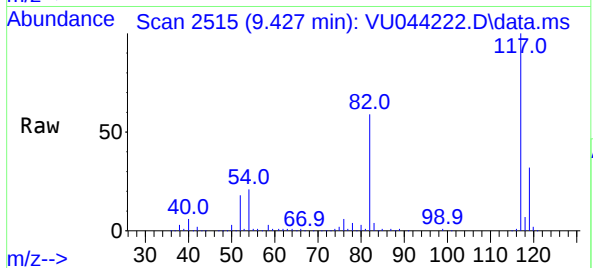
Tgt Ion:117 Resp: 335361

Ion Ratio Lower Upper

117 100

82 59.0 48.8 73.2

119 32.3 25.0 37.6



#67

Ethyl Benzene

Concen: 4.819 ug/l

RT: 9.578 min Scan# 2562

Delta R.T. -0.000 min

Lab File: VU044222.D

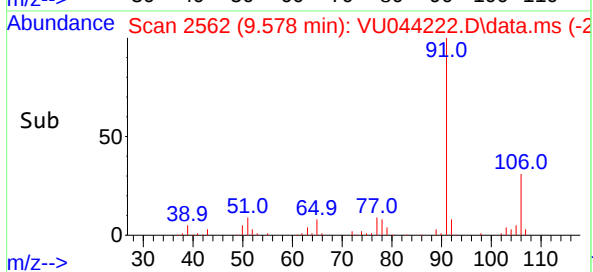
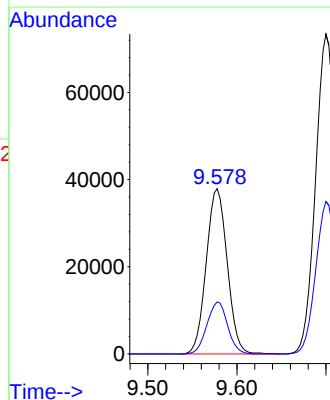
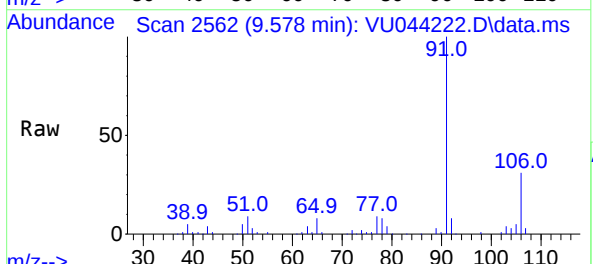
Acq: 15 Jun 2021 12:55

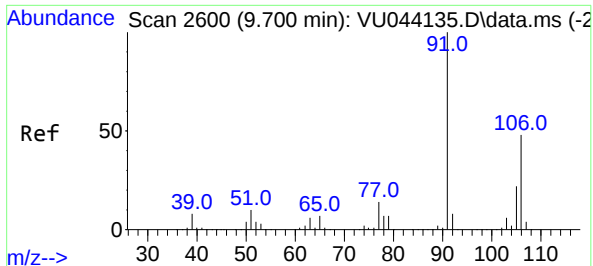
Tgt Ion: 91 Resp: 62077

Ion Ratio Lower Upper

91 100

106 31.5 23.9 35.9

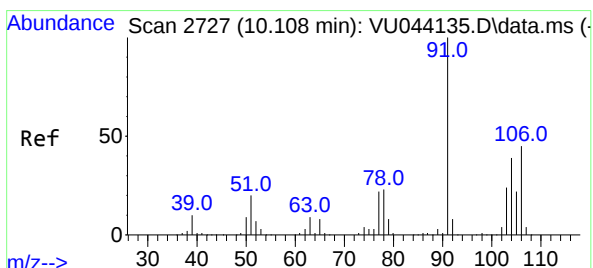
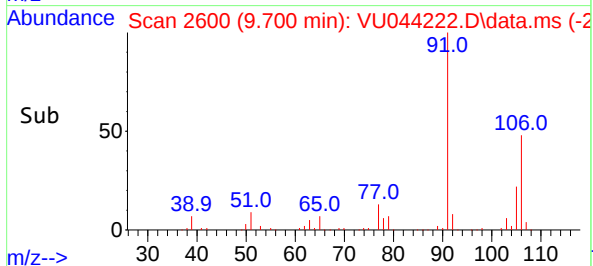
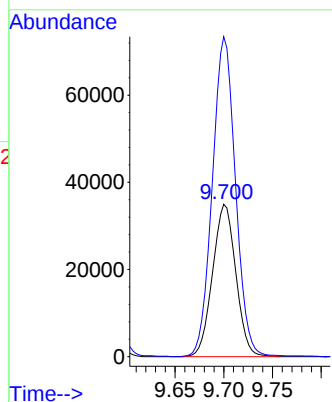
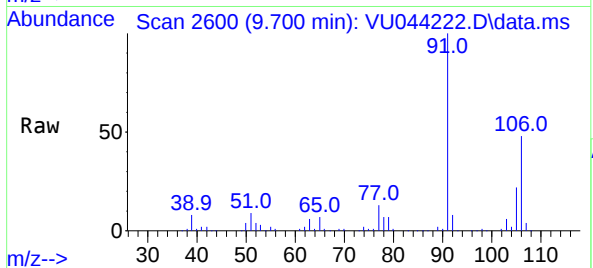




#68
m/p-Xylenes
Concen: 12.072 ug/l
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU044222.D
Acq: 15 Jun 2021 12:55

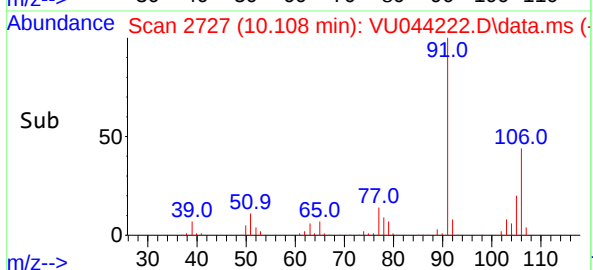
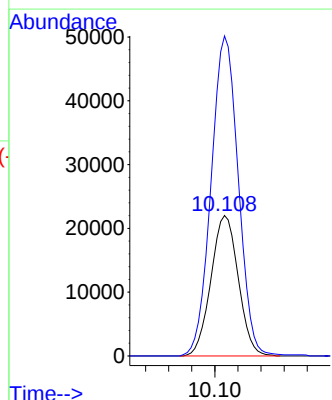
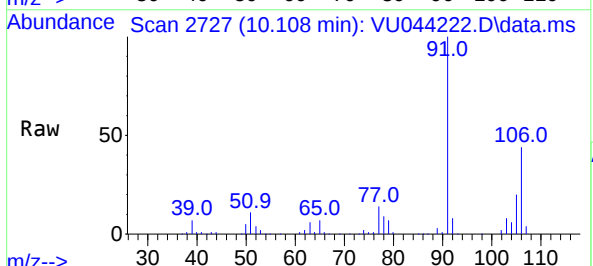
Instrument :
MSVOA_U
ClientSampleId :
TMR-DS-03-060921

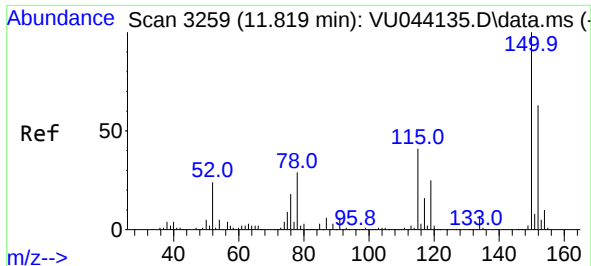
Tgt Ion:106 Resp: 58078
Ion Ratio Lower Upper
106 100
91 209.5 167.4 251.2



#69
o-Xylene
Concen: 7.913 ug/l
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU044222.D
Acq: 15 Jun 2021 12:55

Tgt Ion:106 Resp: 36096
Ion Ratio Lower Upper
106 100
91 226.8 111.8 335.3

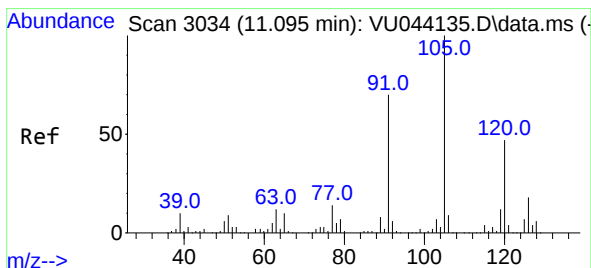
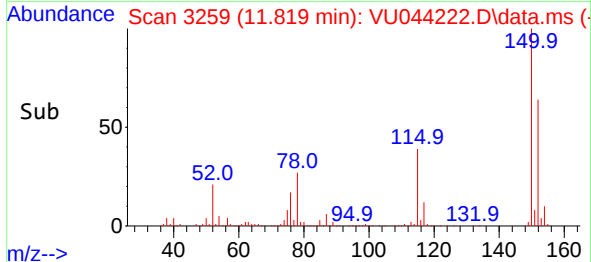
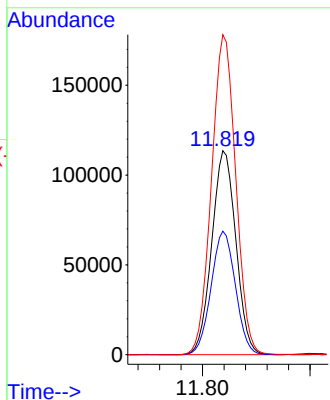
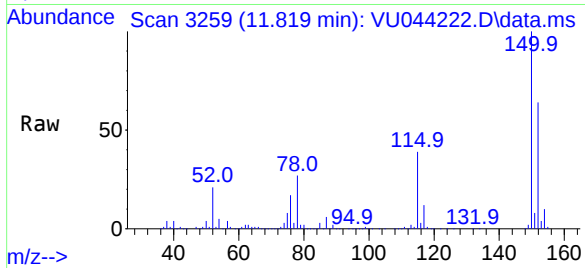




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. 0.000 min
Lab File: VU044222.D
Acq: 15 Jun 2021 12:55

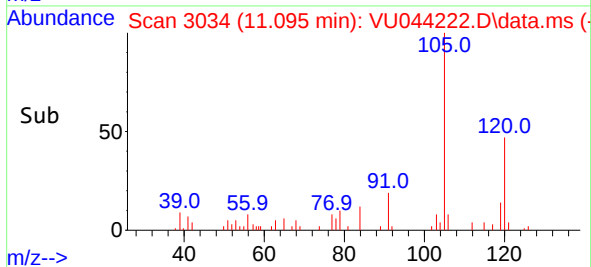
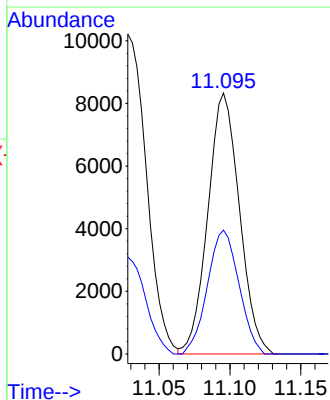
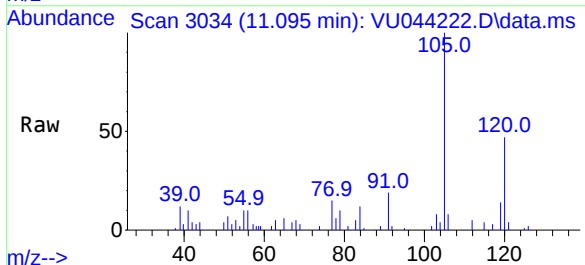
Instrument :
MSVOA_U
ClientSampleId :
TMR-DS-03-060921

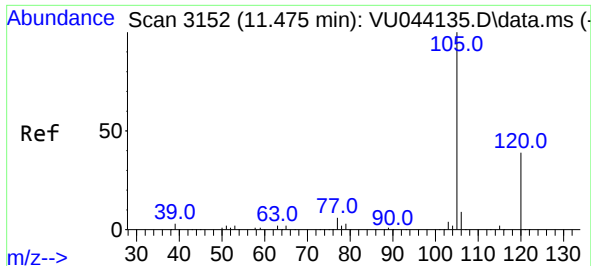
Tgt Ion:152 Resp: 177049
Ion Ratio Lower Upper
152 100
115 61.0 43.8 131.3
150 157.5 0.0 350.6



#80
1,3,5-Trimethylbenzene
Concen: 1.225 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU044222.D
Acq: 15 Jun 2021 12:55

Tgt Ion:105 Resp: 12920
Ion Ratio Lower Upper
105 100
120 47.2 23.5 70.5

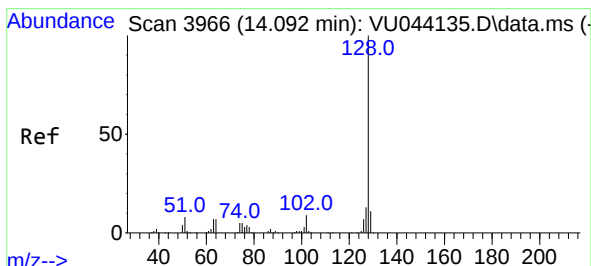
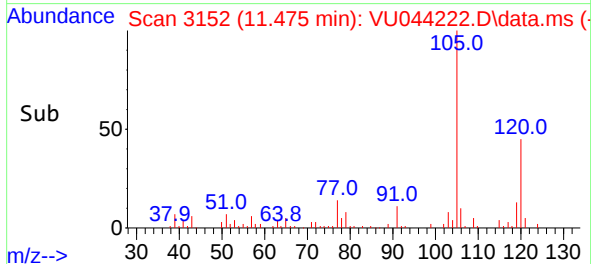
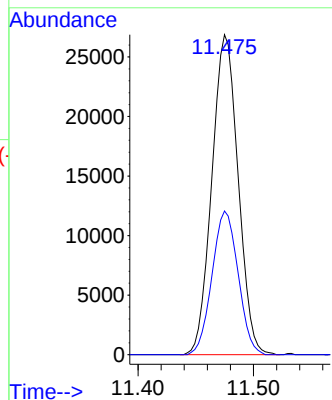
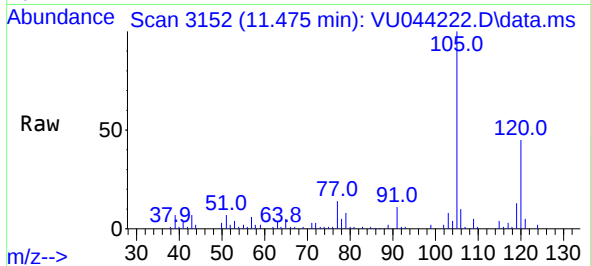




#84
1,2,4-Trimethylbenzene
Concen: 4.001 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU044222.D
Acq: 15 Jun 2021 12:55

Instrument :
MSVOA_U
ClientSampleId :
TMR-DS-03-060921

Tgt Ion:105 Resp: 42398
Ion Ratio Lower Upper
105 100
120 44.6 21.9 65.8



#95
Naphthalene
Concen: 12.112 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VU044222.D
Acq: 15 Jun 2021 12:55

Tgt Ion:128 Resp: 122386
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 11.9 8.6 13.0

