

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092721\
 Data File : VU044890.D
 Acq On : 27 Sep 2021 15:45
 Operator : SY/MD
 Sample : M3888-03DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 20894DL

Quant Time: Sep 27 16:38:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092421W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 25 09:30:46 2021
 Response via : Initial Calibration

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

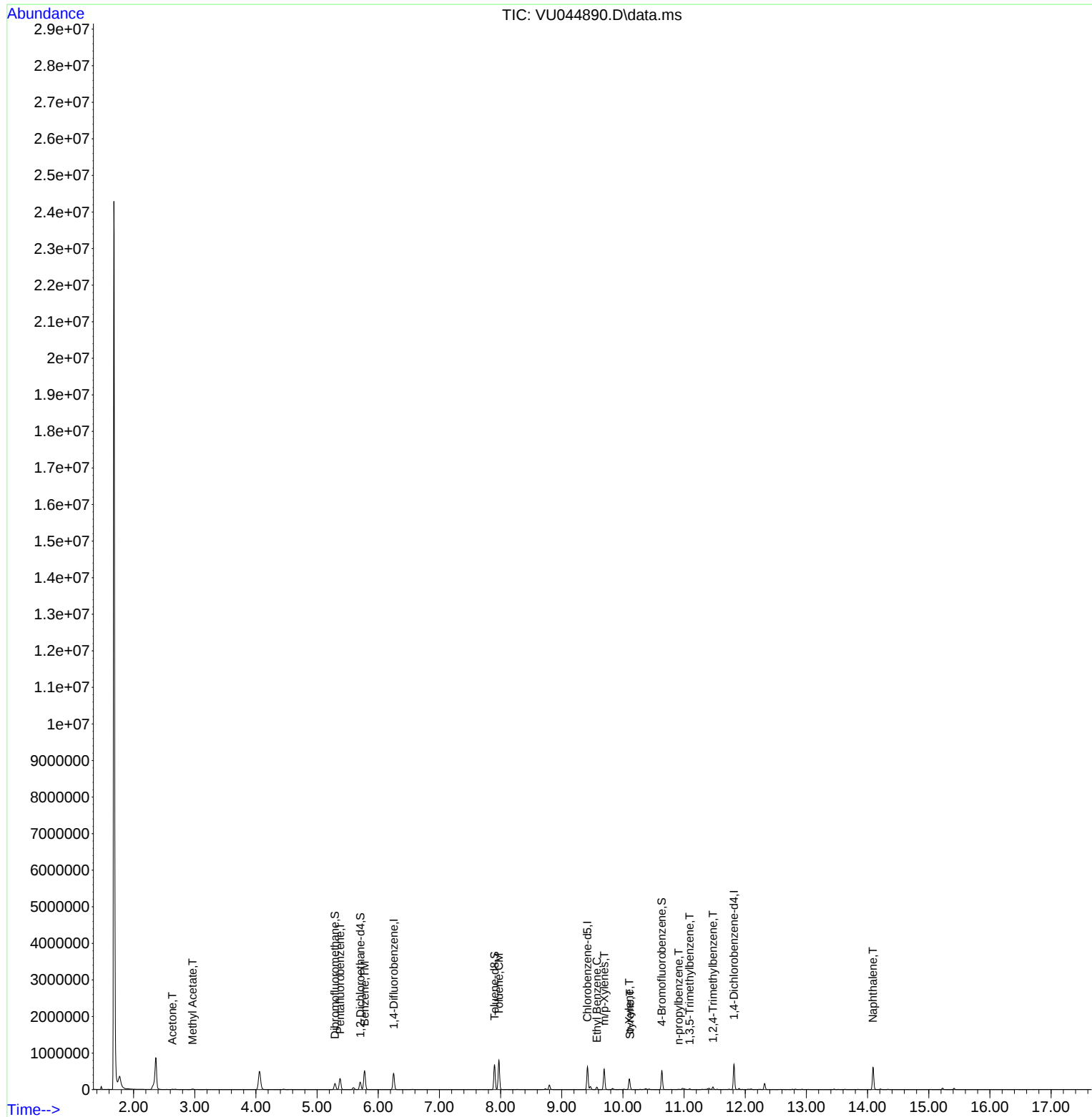
Internal Standards						
1) Pentafluorobenzene	5.375	168	195437	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	351204	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	324147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	163267	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	155900	45.706	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.420%	
35) Dibromofluoromethane	5.292	113	107376	44.567	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.140%	
50) Toluene-d8	7.902	98	438603	48.201	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.400%	
62) 4-Bromofluorobenzene	10.635	95	168216	49.772	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.540%	
Target Compounds						
					Qvalue	
16) Acetone	2.636	43	12830	6.668	ug/l	99
18) Methyl Acetate	2.964	43	27180	4.229	ug/l	99
40) Benzene	5.777	78	470759	41.436	ug/l	100
52) Toluene	7.973	92	329324	48.485	ug/l	100
67) Ethyl Benzene	9.574	91	46316	3.856	ug/l	98
68) m/p-Xylenes	9.697	106	100995	21.985	ug/l	99
69) o-Xylene	10.105	106	70720	15.921	ug/l	97
70) Styrene	10.118	104	24927	3.953	ug/l #	58
78) n-propylbenzene	10.912	91	5348	0.381	ug/l	94
80) 1,3,5-Trimethylbenzene	11.092	105	10317	1.051	ug/l	99
84) 1,2,4-Trimethylbenzene	11.471	105	39225	4.053	ug/l	92
95) Naphthalene	14.089	128	459321	36.930	ug/l	100

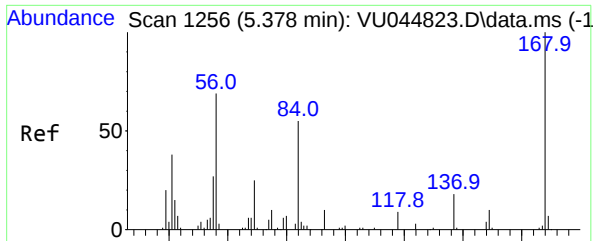
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092721\
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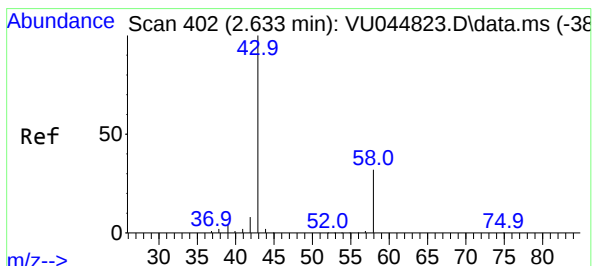
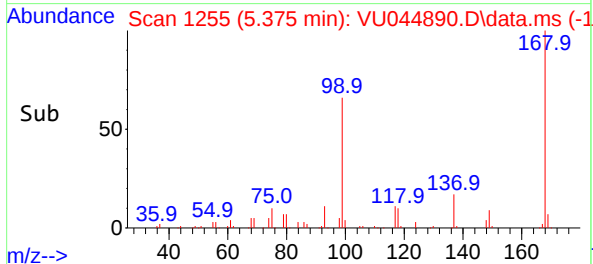
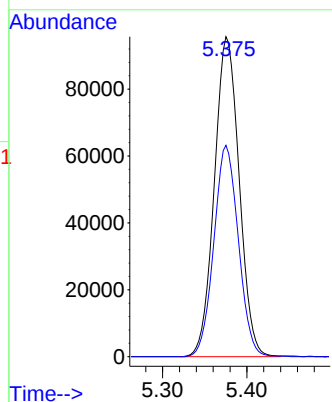
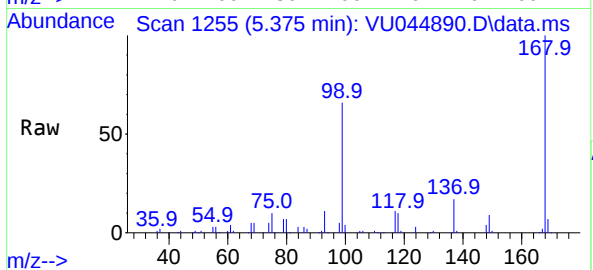




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.003 min
Lab File: VU044890.D
Acq: 27 Sep 2021 15:45

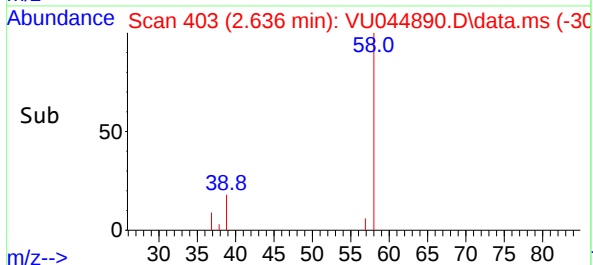
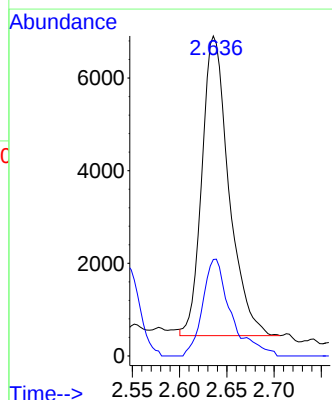
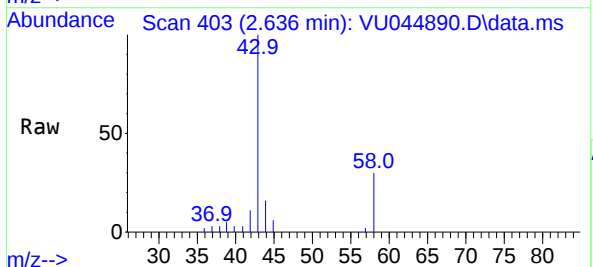
Instrument :
MSVOA_U
ClientSampleId :
20894DL

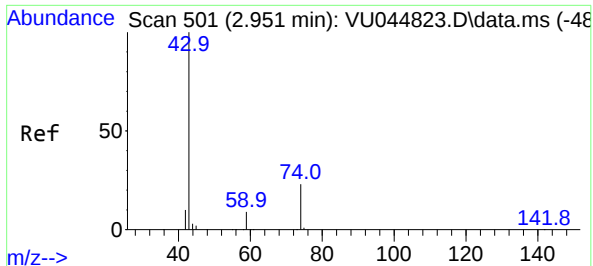
Tgt Ion:168 Resp: 195437
Ion Ratio Lower Upper
168 100
99 66.0 51.4 77.0



#16
Acetone
Concen: 6.668 ug/l
RT: 2.636 min Scan# 403
Delta R.T. 0.003 min
Lab File: VU044890.D
Acq: 27 Sep 2021 15:45

Tgt Ion: 43 Resp: 12830
Ion Ratio Lower Upper
43 100
58 32.2 25.2 37.8

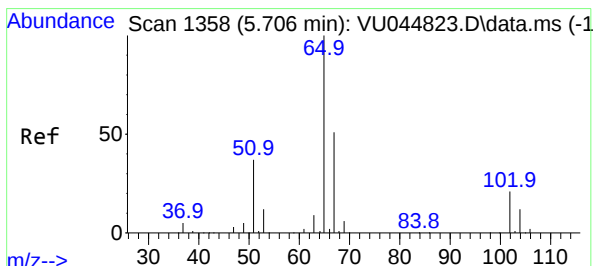
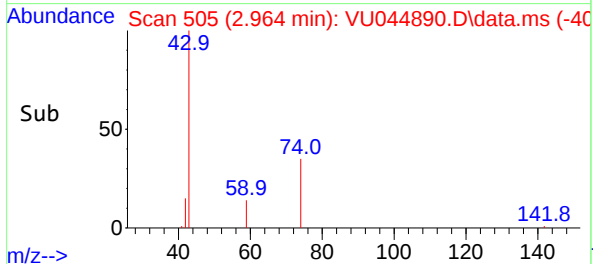
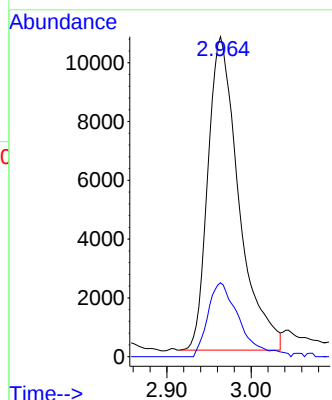
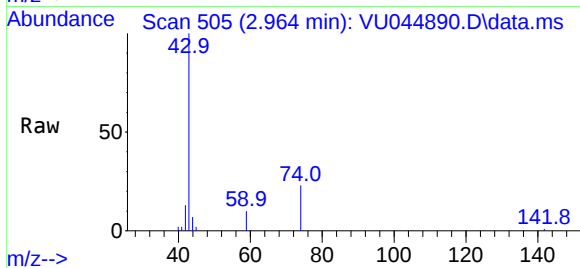




#18
Methyl Acetate
Concen: 4.229 ug/l
RT: 2.964 min Scan# 505
Delta R.T. 0.013 min
Lab File: VU044890.D
Acq: 27 Sep 2021 15:45

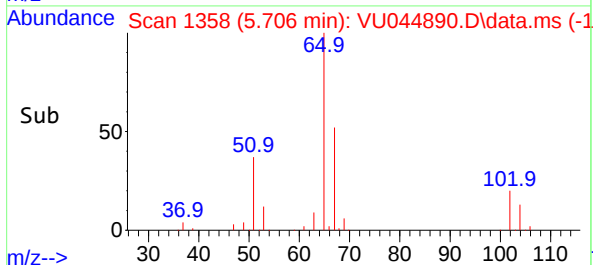
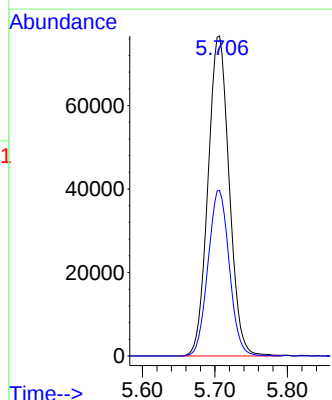
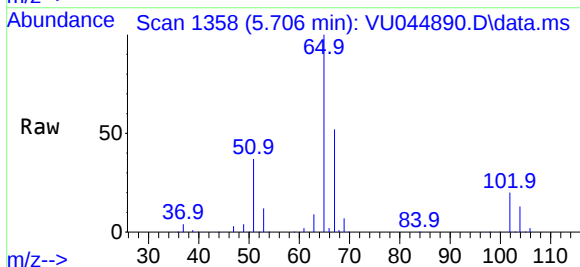
Instrument :
MSVOA_U
ClientSampled :
20894DL

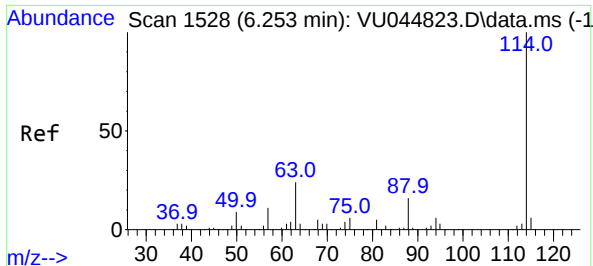
Tgt Ion: 43 Resp: 27180
Ion Ratio Lower Upper
43 100
74 24.1 19.0 28.6



#33
1,2-Dichloroethane-d4
Concen: 45.706 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VU044890.D
Acq: 27 Sep 2021 15:45

Tgt Ion: 65 Resp: 155900
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.8



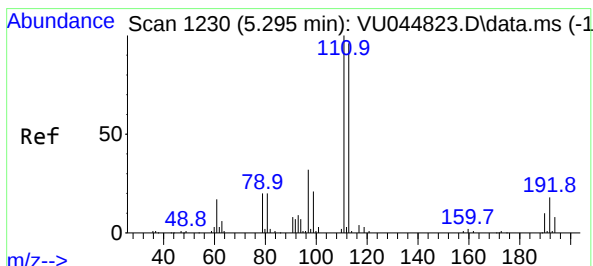
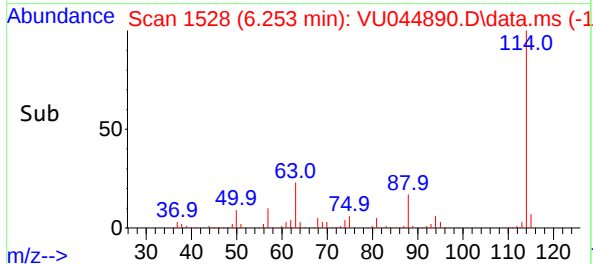
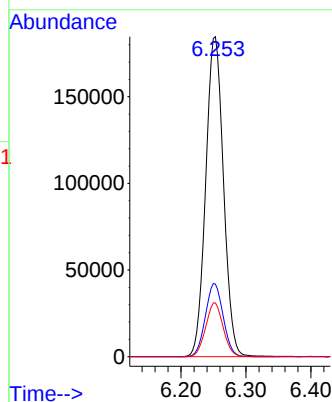
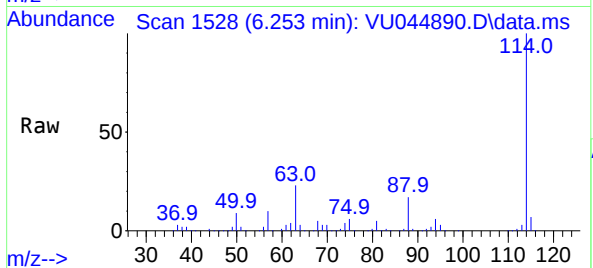


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VU044890.D
Acq: 27 Sep 2021 15:45

Instrument :
MSVOA_U
ClientSampled :
20894DL

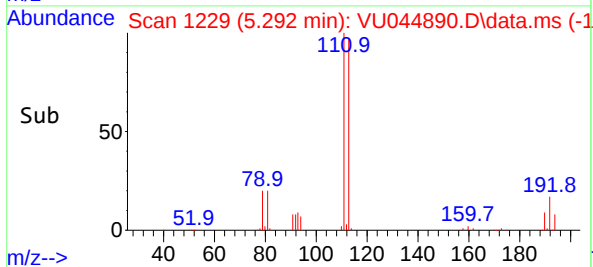
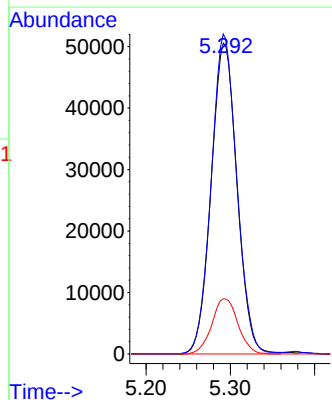
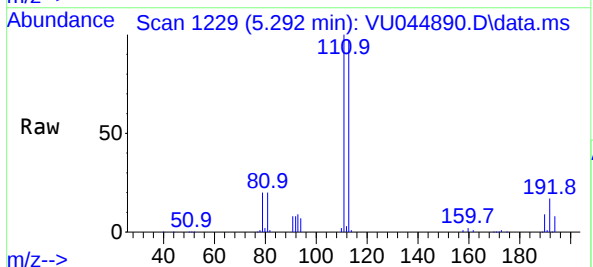
Tgt Ion:114 Resp: 351204
Ion Ratio Lower Upper
114 100
63 22.7 0.0 47.8
88 16.8 0.0 32.8

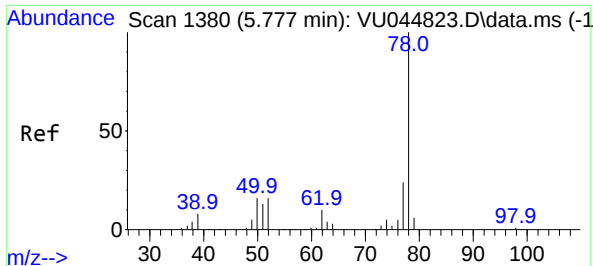


#35

Dibromofluoromethane
Concen: 44.567 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. -0.003 min
Lab File: VU044890.D
Acq: 27 Sep 2021 15:45

Tgt Ion:113 Resp: 107376
Ion Ratio Lower Upper
113 100
111 102.2 84.1 126.1
192 18.0 14.8 22.2

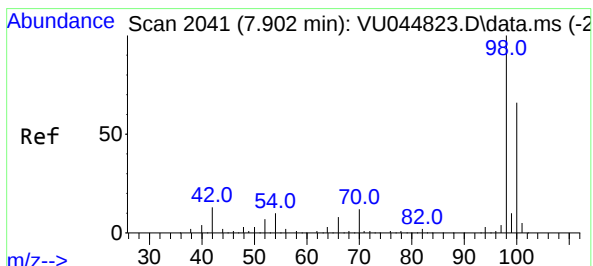
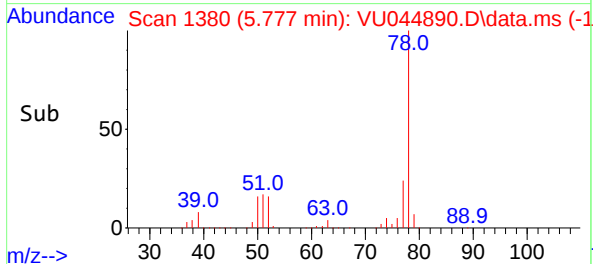
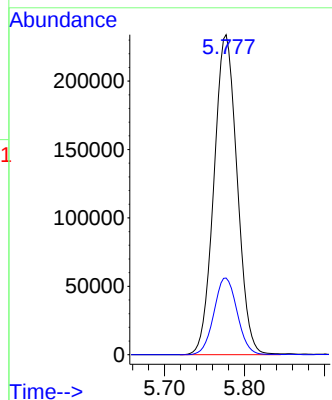
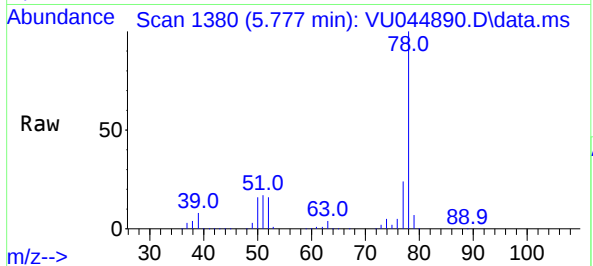




#40
Benzene
Concen: 41.436 ug/l
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU044890.D
Acq: 27 Sep 2021 15:45

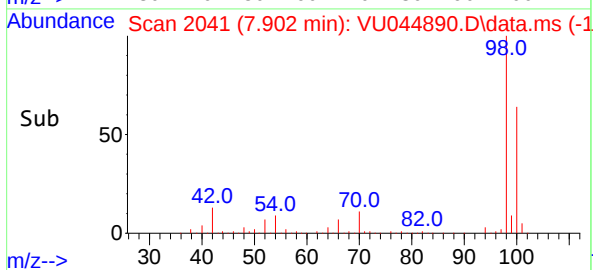
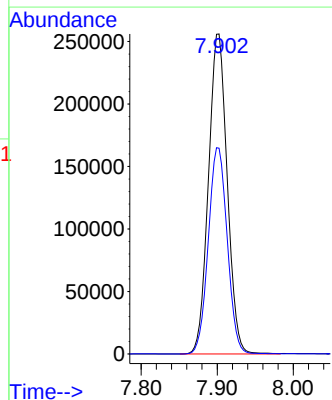
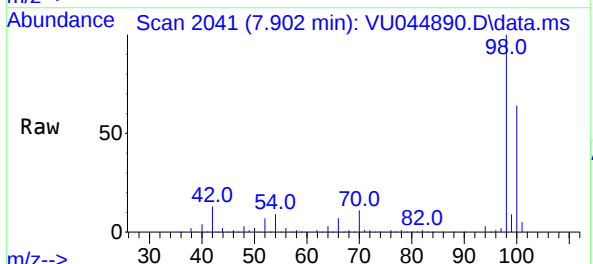
Instrument :
MSVOA_U
ClientSampled :
20894DL

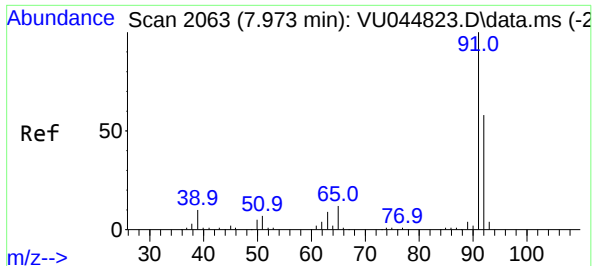
Tgt Ion: 78 Resp: 470759
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7



#50
Toluene-d8
Concen: 48.201 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VU044890.D
Acq: 27 Sep 2021 15:45

Tgt Ion: 98 Resp: 438603
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7

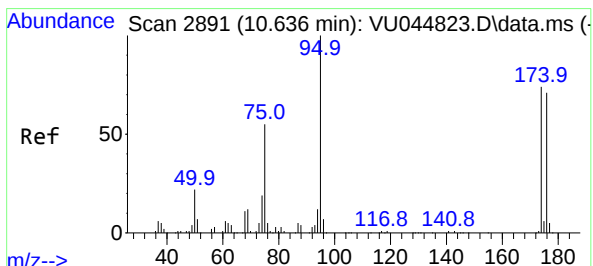
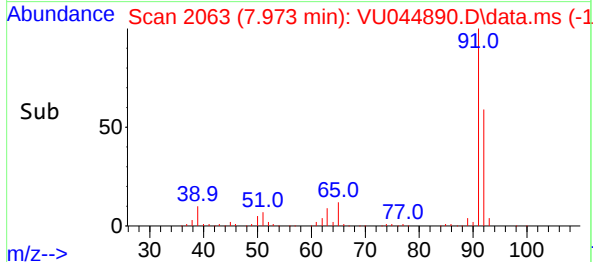
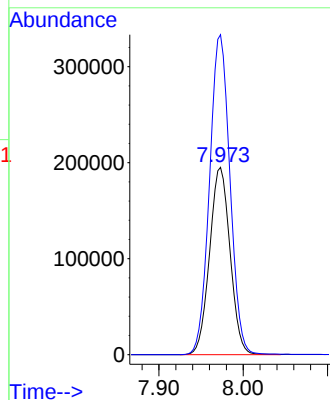
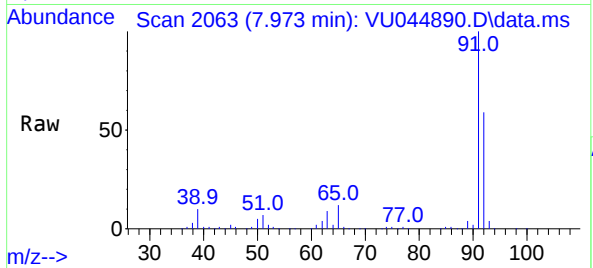




#52
Toluene
Concen: 48.485 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU044890.D
Acq: 27 Sep 2021 15:45

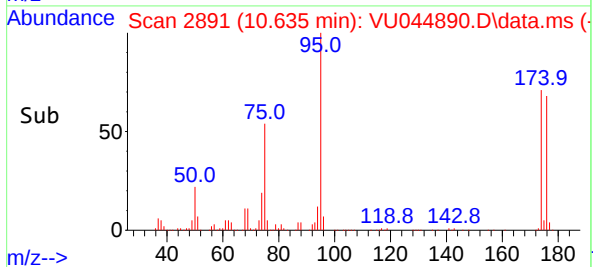
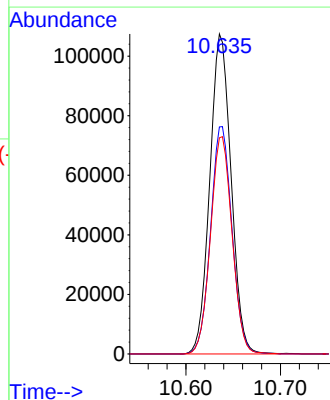
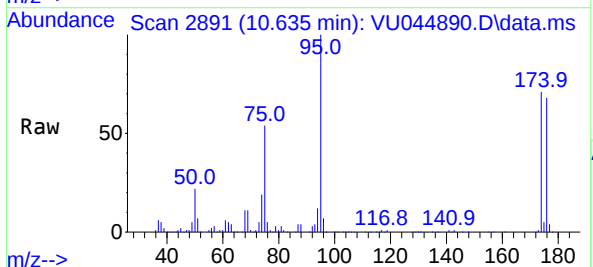
Instrument :
MSVOA_U
ClientSampled :
20894DL

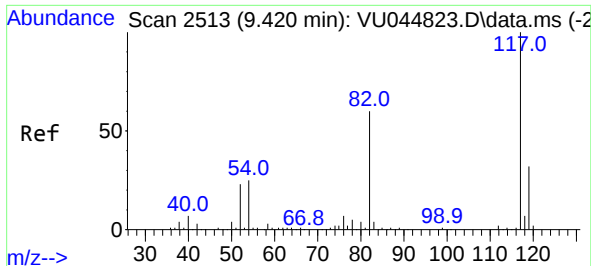
Tgt Ion: 92 Resp: 329324
Ion Ratio Lower Upper
92 100
91 170.7 136.9 205.3



#62
4-Bromofluorobenzene
Concen: 49.772 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.000 min
Lab File: VU044890.D
Acq: 27 Sep 2021 15:45

Tgt Ion: 95 Resp: 168216
Ion Ratio Lower Upper
95 100
174 71.5 0.0 146.6
176 68.9 0.0 141.2

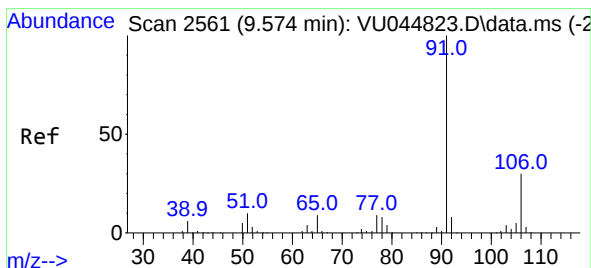
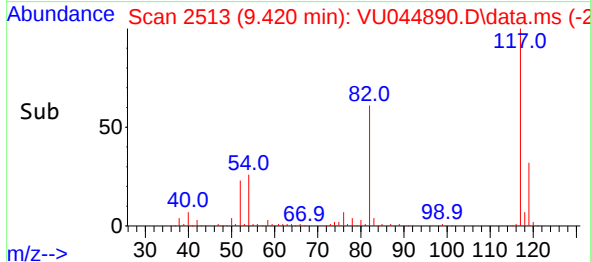
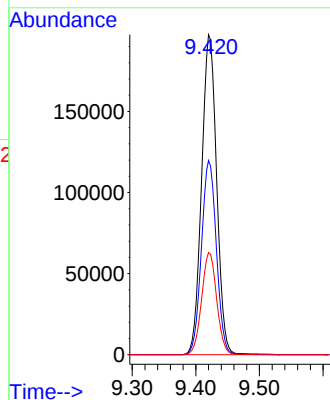
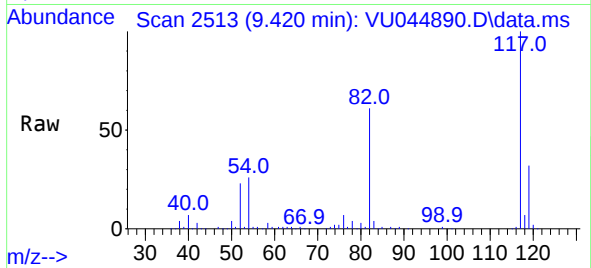




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. -0.000 min
Lab File: VU044890.D
Acq: 27 Sep 2021 15:45

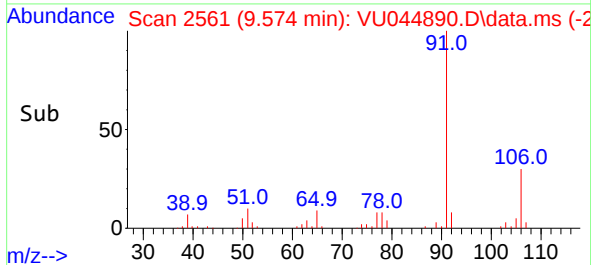
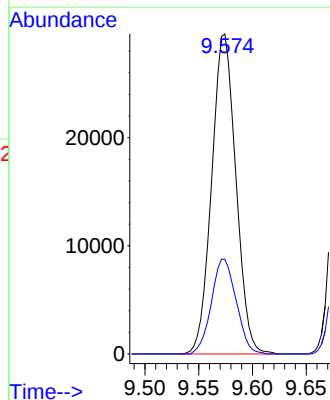
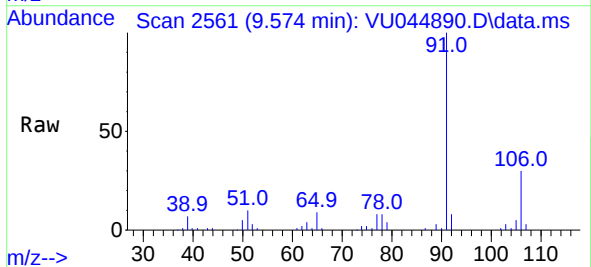
Instrument :
MSVOA_U
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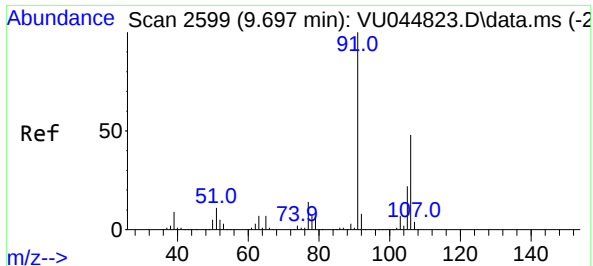
Tgt Ion:117 Resp: 324147
Ion Ratio Lower Upper
117 100
82 60.7 47.8 71.8
119 31.9 25.8 38.6



#67
Ethyl Benzene
Concen: 3.856 ug/l
RT: 9.574 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU044890.D
Acq: 27 Sep 2021 15:45

Tgt Ion: 91 Resp: 46316
Ion Ratio Lower Upper
91 100
106 29.6 24.3 36.5

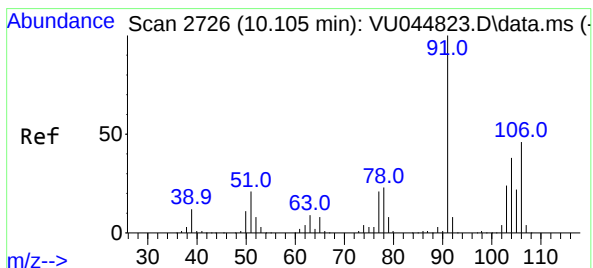
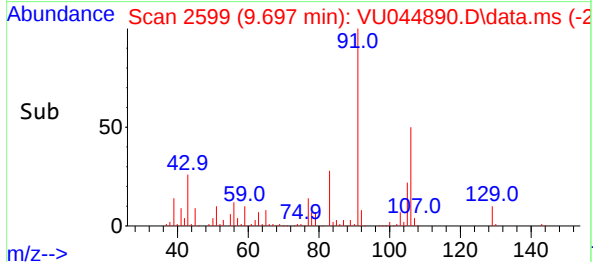
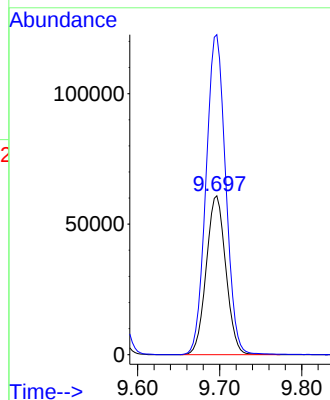
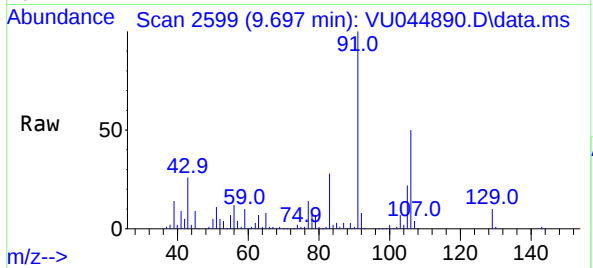




#68
m/p-Xylenes
Concen: 21.985 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU044890.D
Acq: 27 Sep 2021 15:45

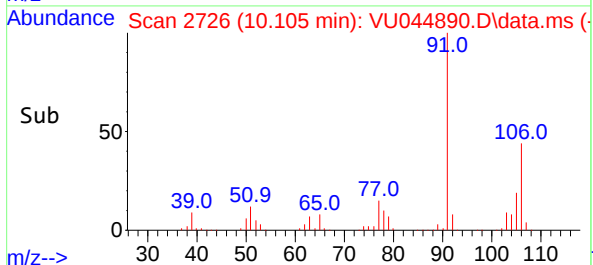
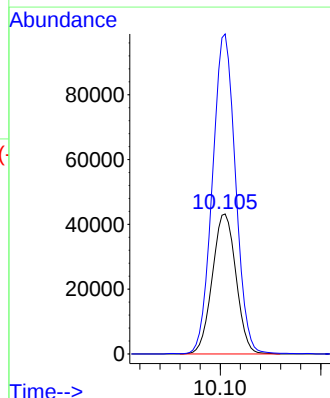
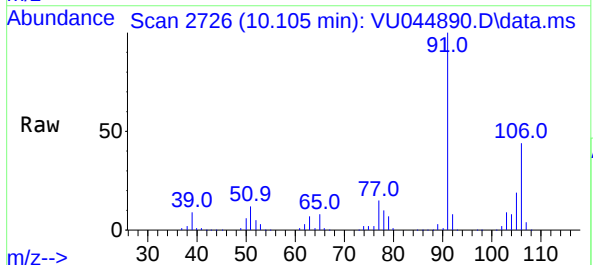
Instrument :
MSVOA_U
ClientSampled :
20894DL

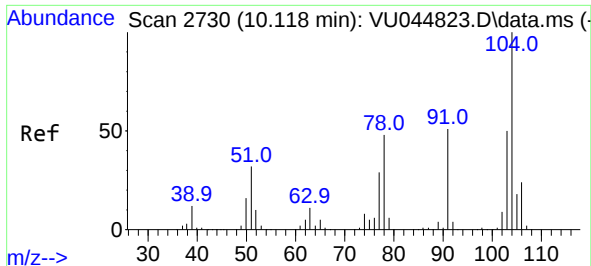
Tgt Ion:106 Resp: 100995
Ion Ratio Lower Upper
106 100
91 202.9 164.2 246.2



#69
o-Xylene
Concen: 15.921 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. -0.000 min
Lab File: VU044890.D
Acq: 27 Sep 2021 15:45

Tgt Ion:106 Resp: 70720
Ion Ratio Lower Upper
106 100
91 221.9 108.9 326.7

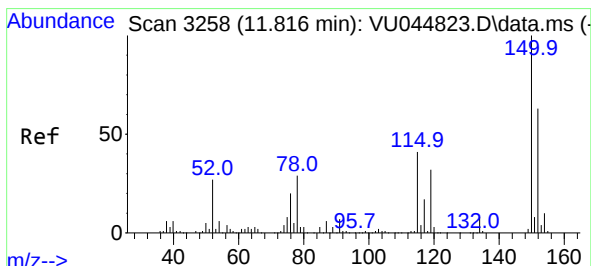
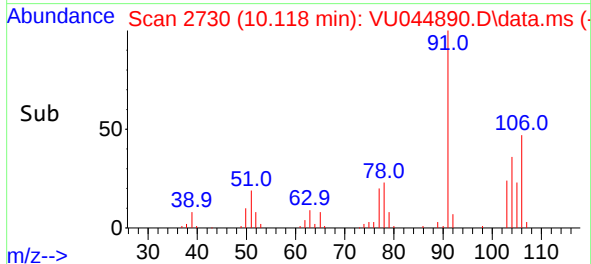
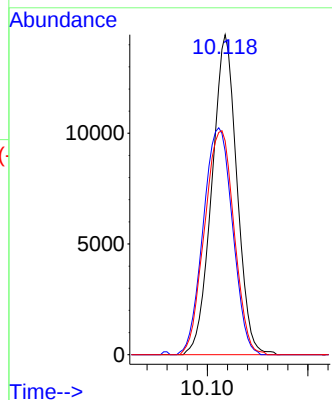
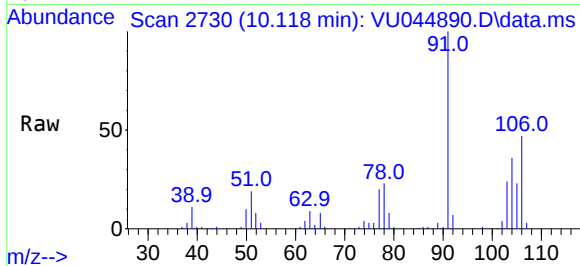




#70
Styrene
Concen: 3.953 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU044890.D
Acq: 27 Sep 2021 15:45

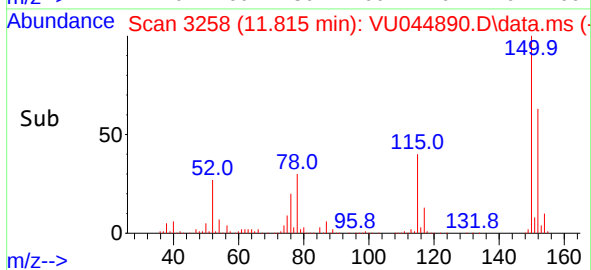
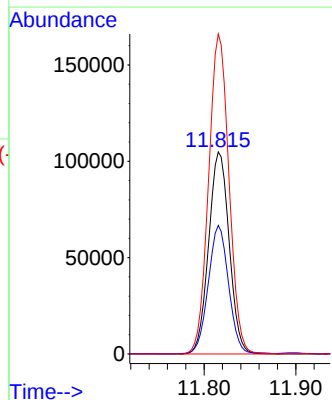
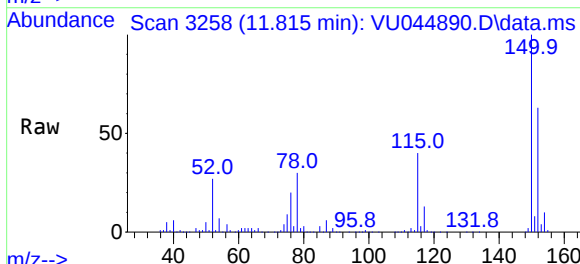
Instrument :
MSVOA_U
ClientSampled :
20894DL

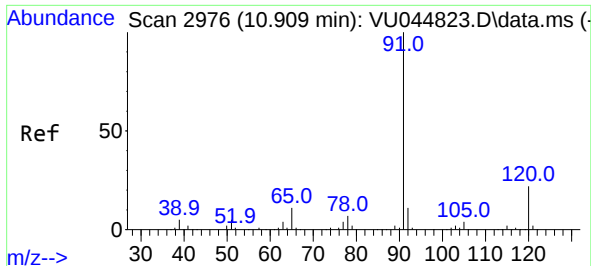
Tgt Ion:104	Resp:	24927
Ion Ratio	Lower	Upper
104	100	
78	83.4	41.4 62.0#
103	82.6	43.5 65.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.815 min Scan# 3258
Delta R.T. -0.000 min
Lab File: VU044890.D
Acq: 27 Sep 2021 15:45

Tgt Ion:152	Resp:	163267
Ion Ratio	Lower	Upper
152	100	
115	62.9	43.5 130.7
150	156.9	0.0 350.0

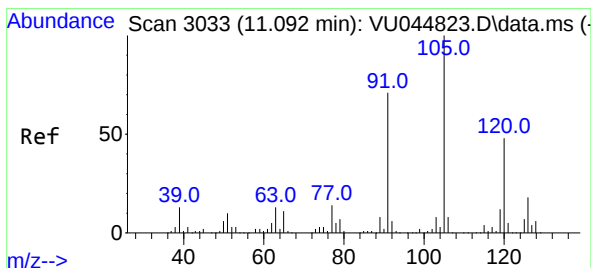
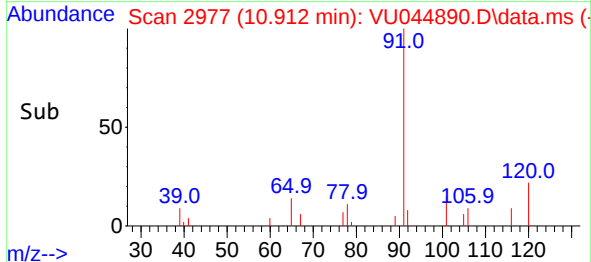
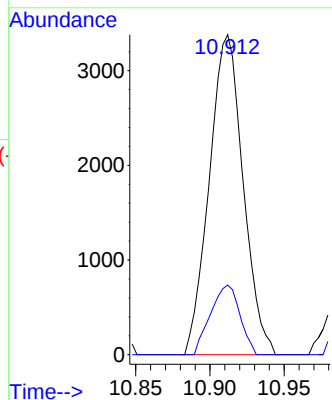
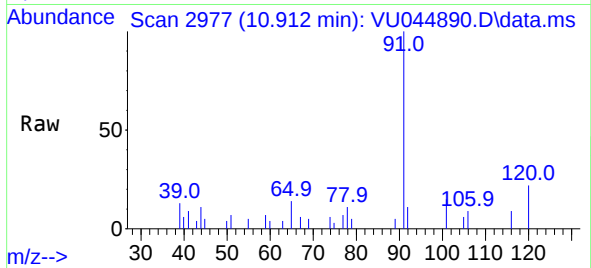




#78
n-propylbenzene
Concen: 0.381 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. 0.003 min
Lab File: VU044890.D
Acq: 27 Sep 2021 15:45

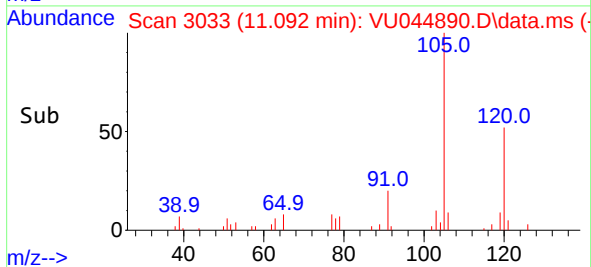
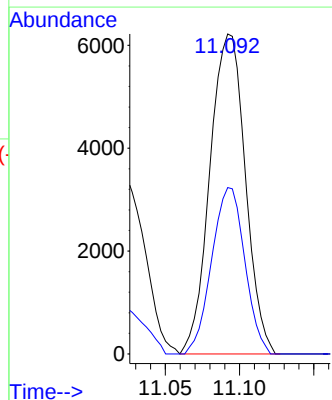
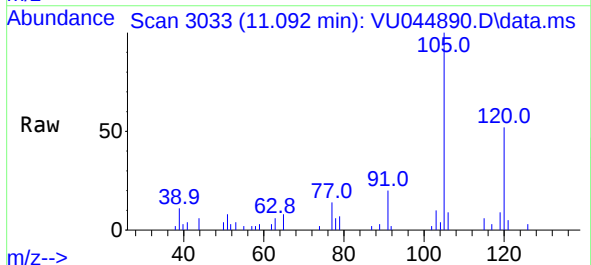
Instrument :
MSVOA_U
ClientSampled :
20894DL

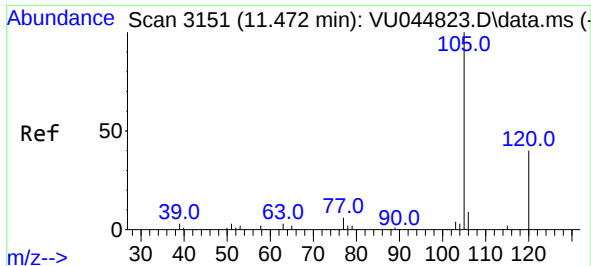
Tgt Ion: 91 Resp: 5348
Ion Ratio Lower Upper
91 100
120 18.9 10.8 32.4



#80
1,3,5-Trimethylbenzene
Concen: 1.051 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU044890.D
Acq: 27 Sep 2021 15:45

Tgt Ion: 105 Resp: 10317
Ion Ratio Lower Upper
105 100
120 48.5 24.1 72.2

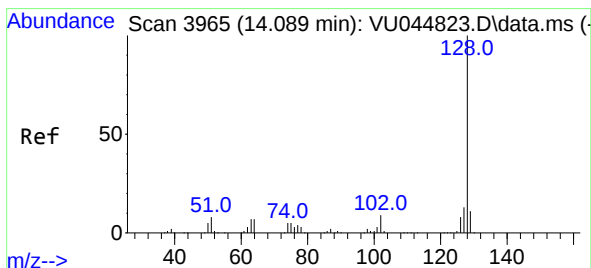
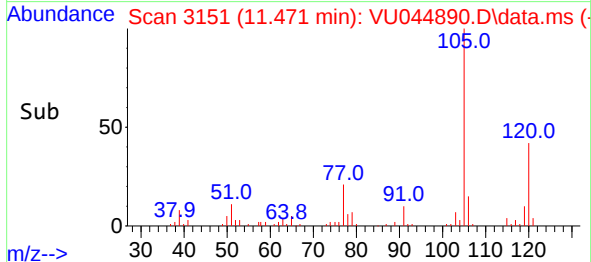
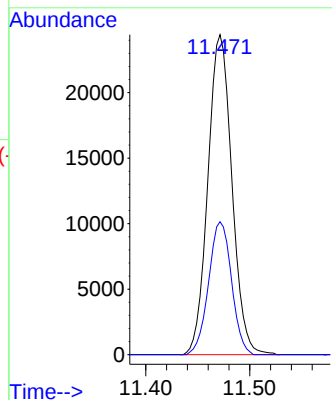
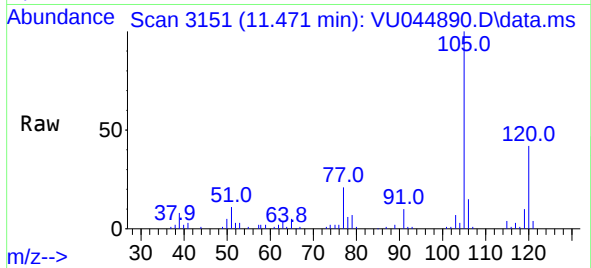




#84
1,2,4-Trimethylbenzene
Concen: 4.053 ug/l
RT: 11.471 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VU044890.D
Acq: 27 Sep 2021 15:45

Instrument :
MSVOA_U
ClientSampled :
20894DL

Tgt Ion:105 Resp: 39225
Ion Ratio Lower Upper
105 100
120 39.6 22.4 67.3



#95
Naphthalene
Concen: 36.930 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU044890.D
Acq: 27 Sep 2021 15:45

Tgt Ion:128 Resp: 459321
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.7 8.6 13.0

