

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092721\
 Data File : VU044897.D
 Acq On : 27 Sep 2021 18:29
 Operator : SY/MD
 Sample : M3888-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 20898

Quant Time: Sep 27 18:53:10 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)

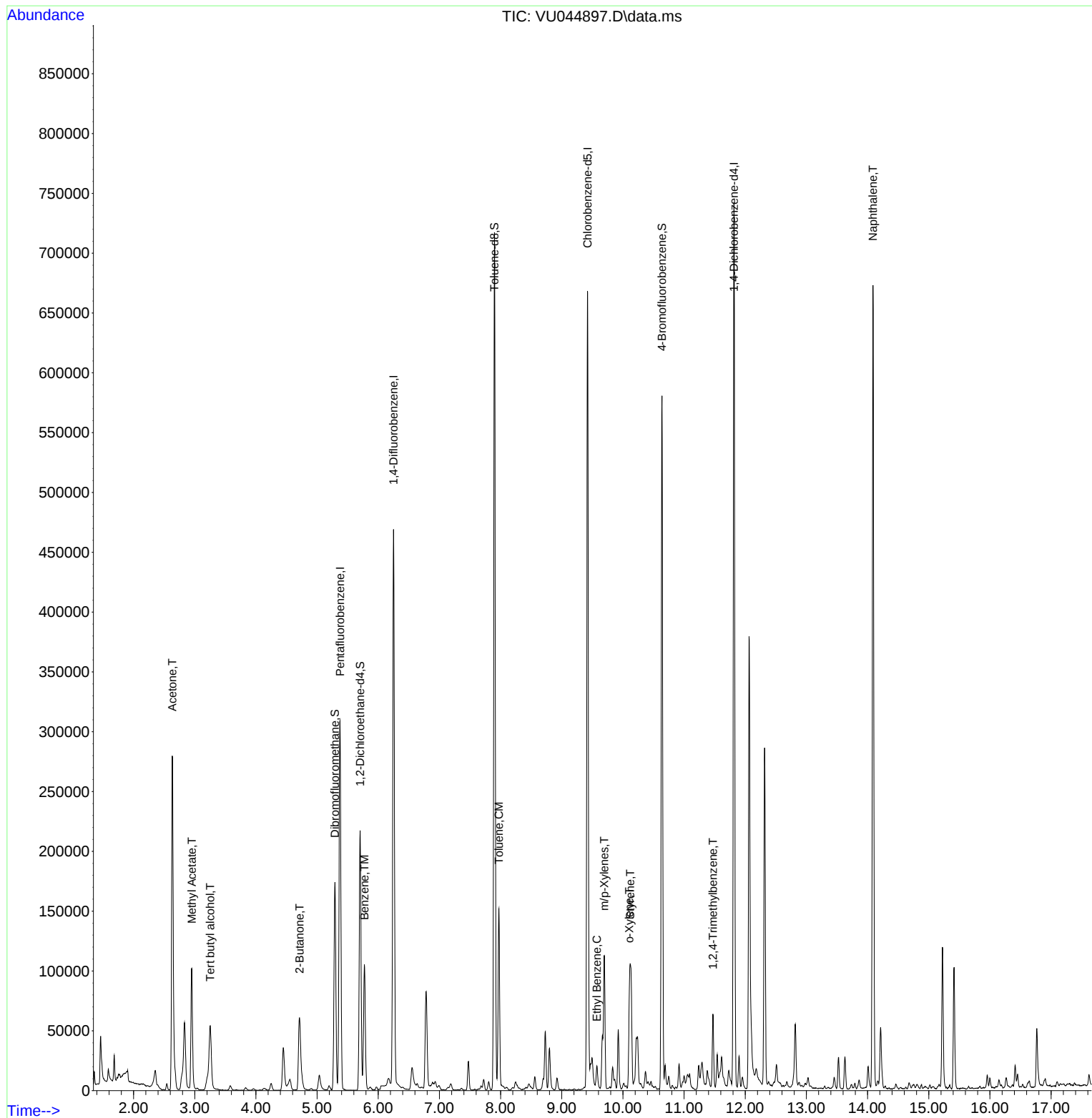
Internal Standards						
1) Pentafluorobenzene	5.375	168	201255	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	359761	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	349226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	179821	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	161174	45.887	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.780%	
35) Dibromofluoromethane	5.292	113	111012	44.980	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.960%	
50) Toluene-d8	7.899	98	454547	48.765	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.540%	
62) 4-Bromofluorobenzene	10.639	95	192979	55.741	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.480%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.253	59	91930	89.671	ug/l	99
16) Acetone	2.633	43	335363	169.267	ug/l	99
18) Methyl Acetate	2.951	43	121145	18.302	ug/l	98
25) 2-Butanone	4.713	43	105425	35.069	ug/l	100
40) Benzene	5.774	78	90869	7.808	ug/l	99
52) Toluene	7.973	92	60158	8.646	ug/l	100
67) Ethyl Benzene	9.574	91	13859	1.071	ug/l	97
68) m/p-Xylenes	9.697	106	29242	5.908	ug/l	97
69) o-Xylene	10.105	106	15356	3.209	ug/l	99
70) Styrene	10.121	104	31926	4.508	ug/l	100
84) 1,2,4-Trimethylbenzene	11.471	105	28120	2.638	ug/l	90
95) Naphthalene	14.089	128	504317	36.818	ug/l	100

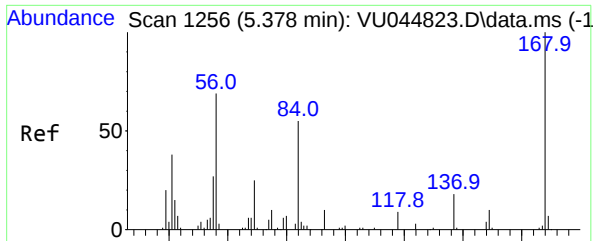
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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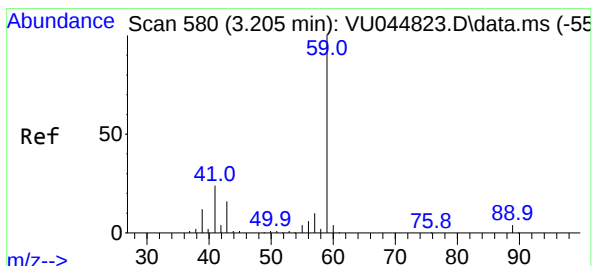
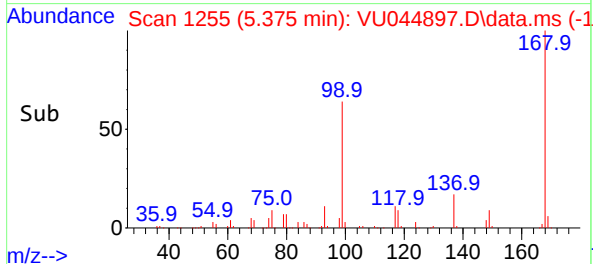
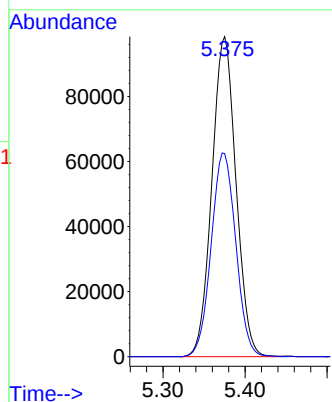
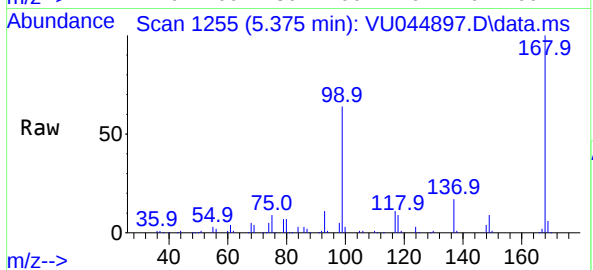




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.003 min
Lab File: VU044897.D
Acq: 27 Sep 2021 18:29

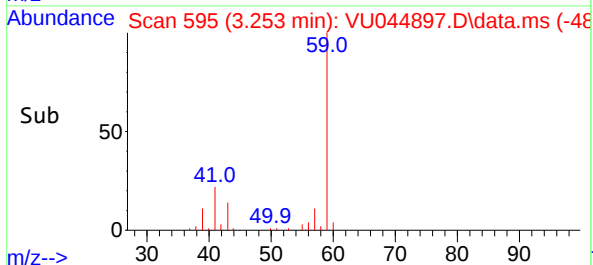
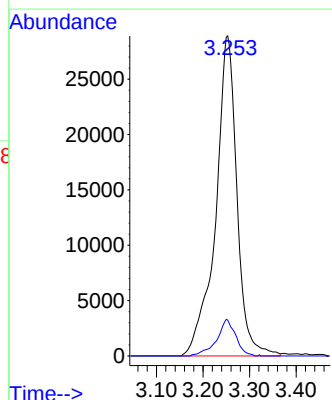
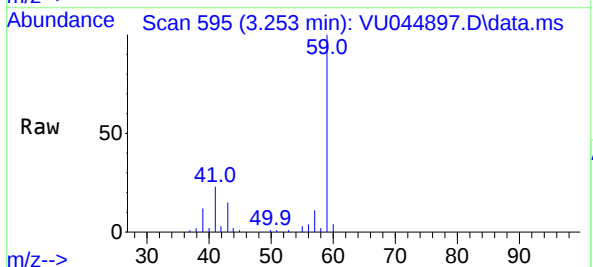
Instrument :
MSVOA_U
ClientSampleId :
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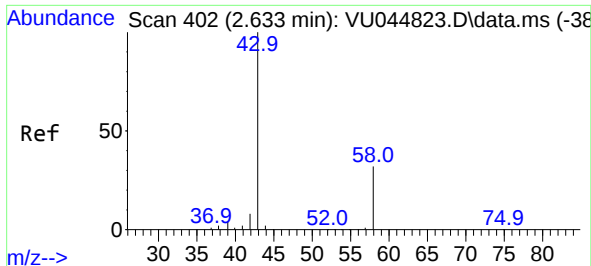
Tgt Ion:168 Resp: 201255
Ion Ratio Lower Upper
168 100
99 63.5 51.4 77.0



#11
Tert butyl alcohol
Concen: 89.671 ug/l
RT: 3.253 min Scan# 595
Delta R.T. 0.048 min
Lab File: VU044897.D
Acq: 27 Sep 2021 18:29

Tgt Ion: 59 Resp: 91930
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

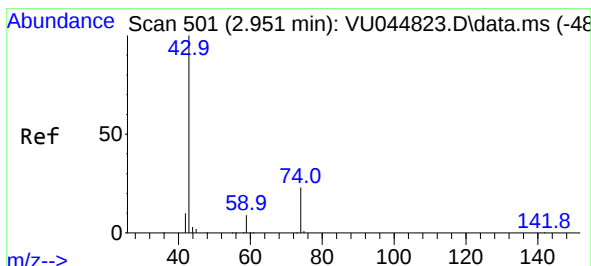
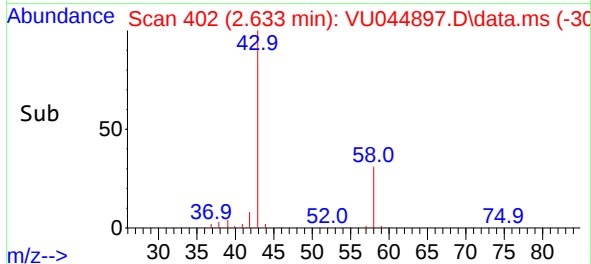
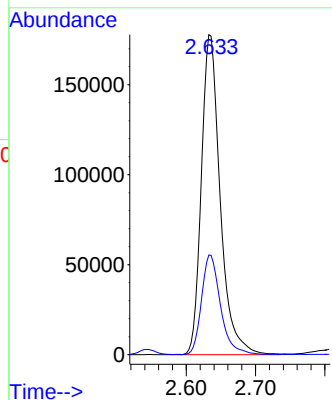
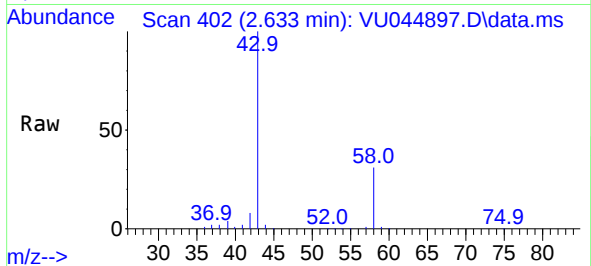




#16
Acetone
Concen: 169.267 ug/l
RT: 2.633 min Scan# 402
Delta R.T. -0.000 min
Lab File: VU044897.D
Acq: 27 Sep 2021 18:29

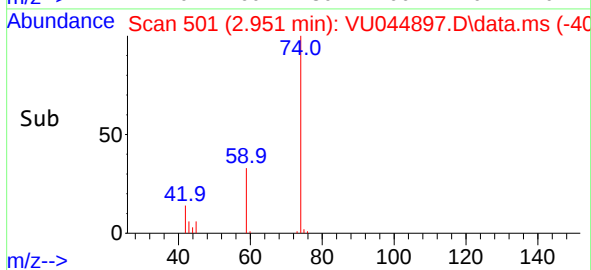
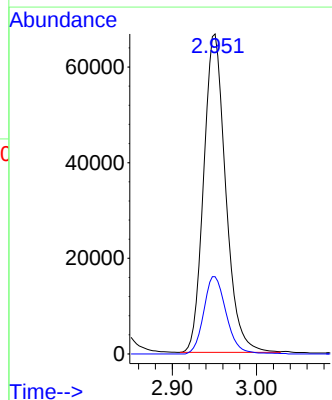
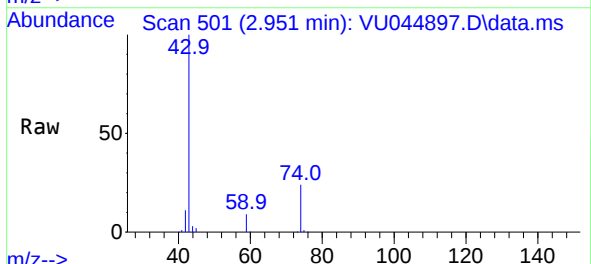
Instrument :
MSVOA_U
ClientSampleId :
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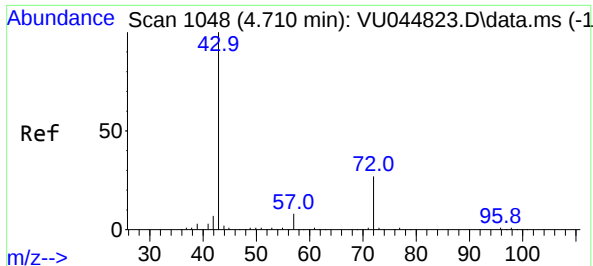
Tgt Ion: 43 Resp: 335363
Ion Ratio Lower Upper
43 100
58 31.1 25.2 37.8



#18
Methyl Acetate
Concen: 18.302 ug/l
RT: 2.951 min Scan# 501
Delta R.T. -0.000 min
Lab File: VU044897.D
Acq: 27 Sep 2021 18:29

Tgt Ion: 43 Resp: 121145
Ion Ratio Lower Upper
43 100
74 24.9 19.0 28.6

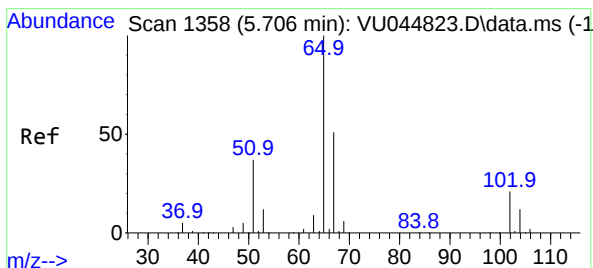
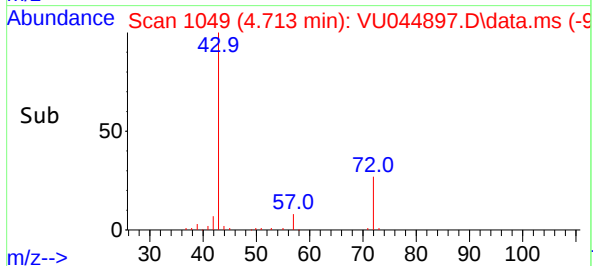
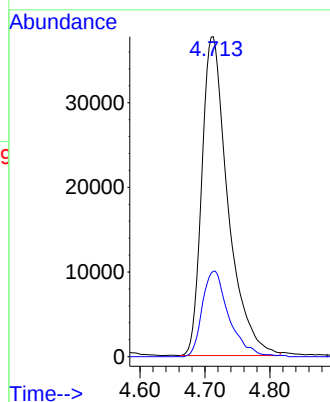
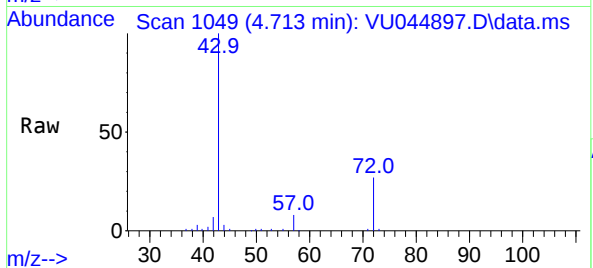




#25
2-Butanone
Concen: 35.069 ug/l
RT: 4.713 min Scan# 1049
Delta R.T. 0.003 min
Lab File: VU044897.D
Acq: 27 Sep 2021 18:29

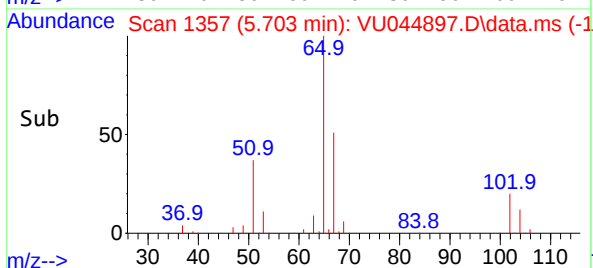
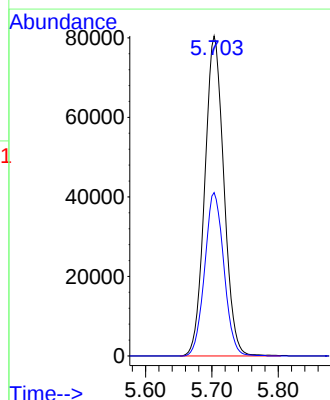
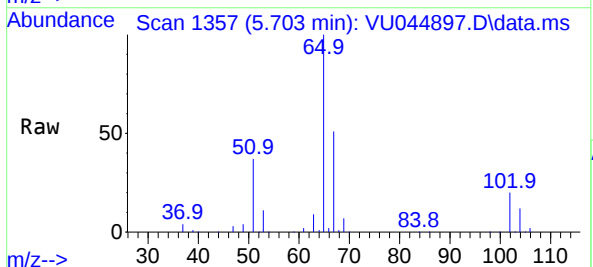
Instrument :
MSVOA_U
ClientSampled :
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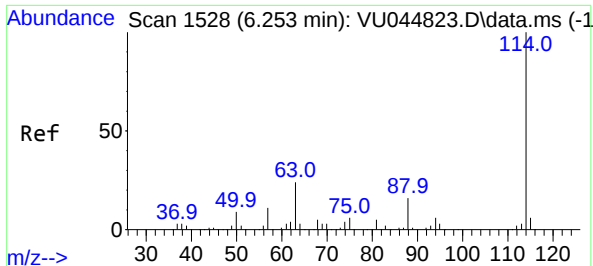
Tgt Ion: 43 Resp: 105425
Ion Ratio Lower Upper
43 100
72 26.8 21.3 31.9



#33
1,2-Dichloroethane-d4
Concen: 45.887 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. -0.003 min
Lab File: VU044897.D
Acq: 27 Sep 2021 18:29

Tgt Ion: 65 Resp: 161174
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.8



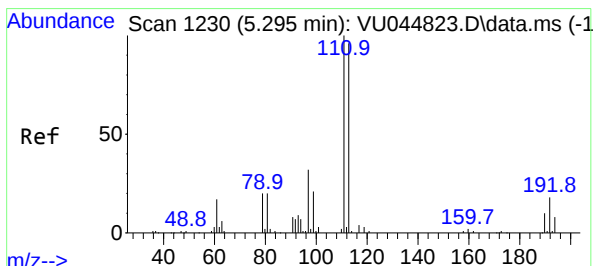
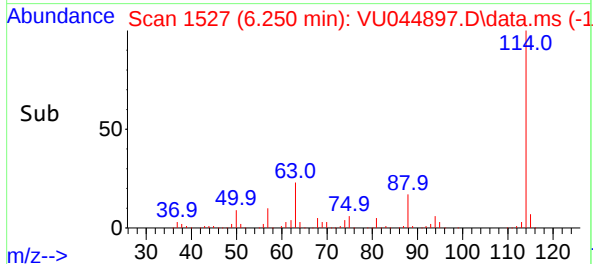
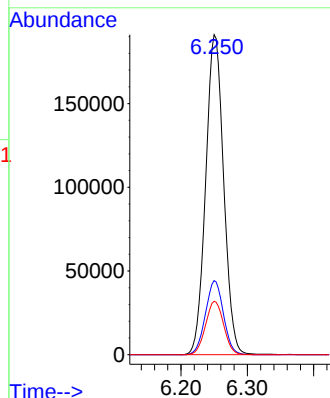
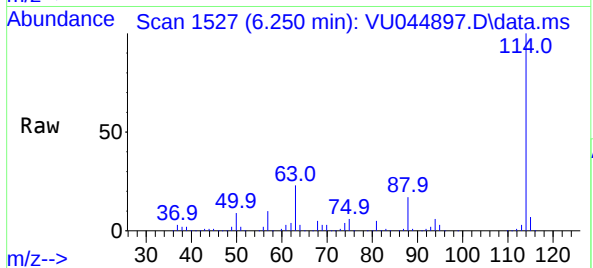


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.250 min Scan# 1527
Delta R.T. -0.003 min
Lab File: VU044897.D
Acq: 27 Sep 2021 18:29

Instrument :
MSVOA_U
ClientSampled :
20898

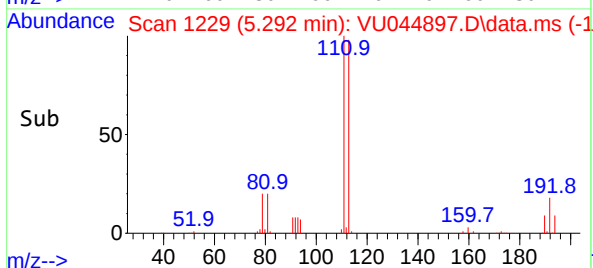
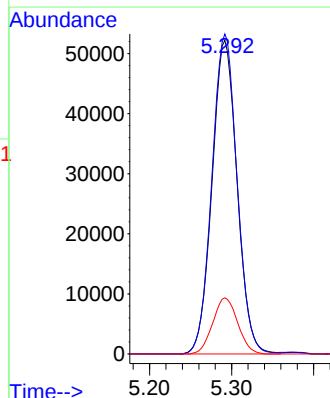
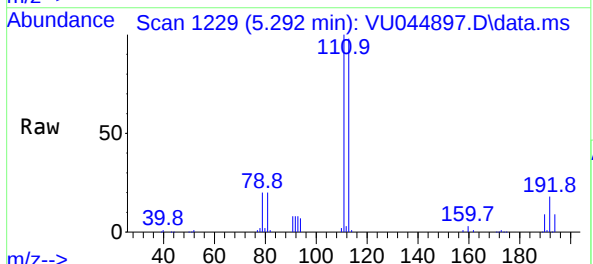
Tgt Ion:114 Resp: 359761
Ion Ratio Lower Upper
114 100
63 23.1 0.0 47.8
88 16.7 0.0 32.8

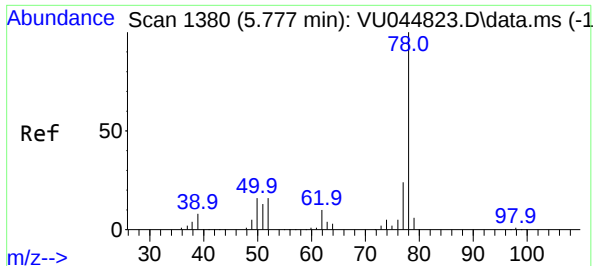


#35

Dibromofluoromethane
Concen: 44.980 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. -0.003 min
Lab File: VU044897.D
Acq: 27 Sep 2021 18:29

Tgt Ion:113 Resp: 111012
Ion Ratio Lower Upper
113 100
111 102.1 84.1 126.1
192 17.8 14.8 22.2

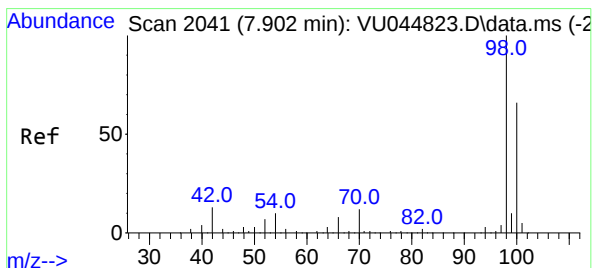
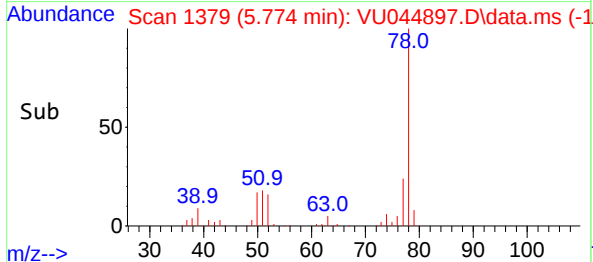
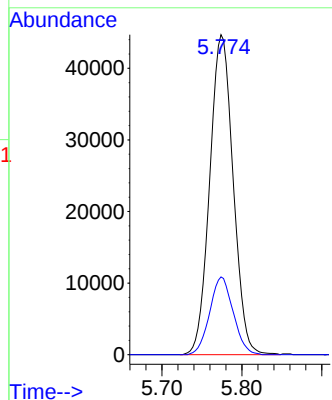
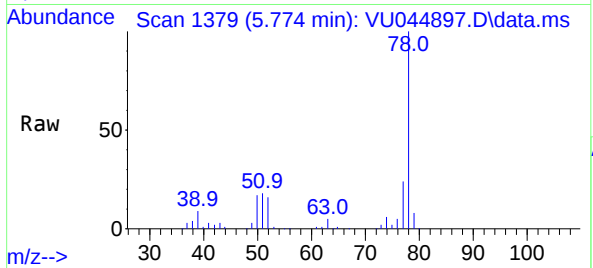




#40
Benzene
Concen: 7.808 ug/l
RT: 5.774 min Scan# 1379
Delta R.T. -0.003 min
Lab File: VU044897.D
Acq: 27 Sep 2021 18:29

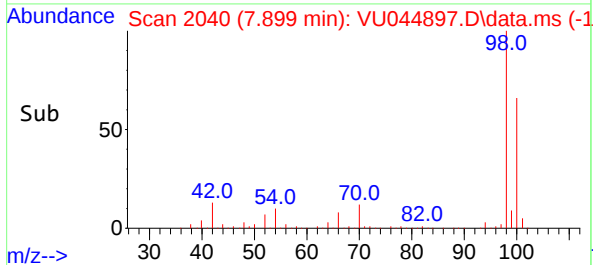
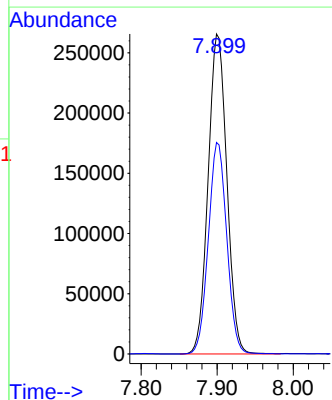
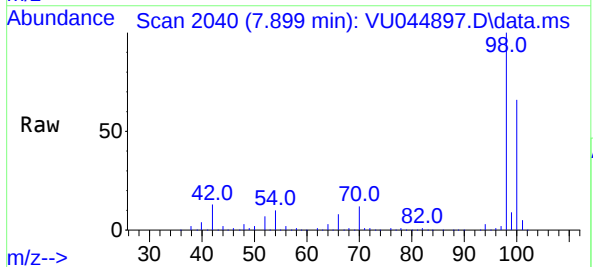
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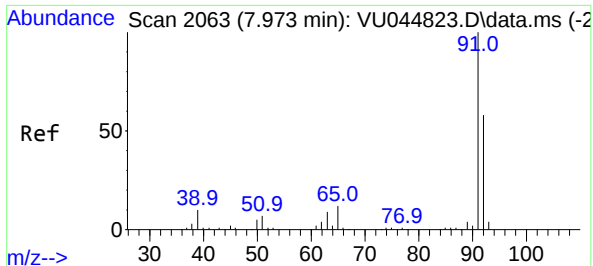
Tgt Ion: 78 Resp: 90869
Ion Ratio Lower Upper
78 100
77 24.3 19.1 28.7



#50
Toluene-d8
Concen: 48.765 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.003 min
Lab File: VU044897.D
Acq: 27 Sep 2021 18:29

Tgt Ion: 98 Resp: 454547
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7

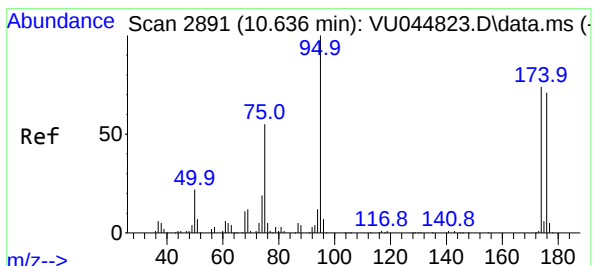
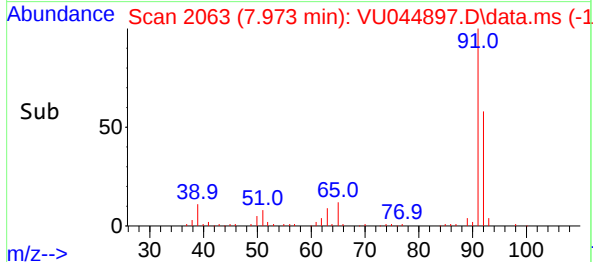
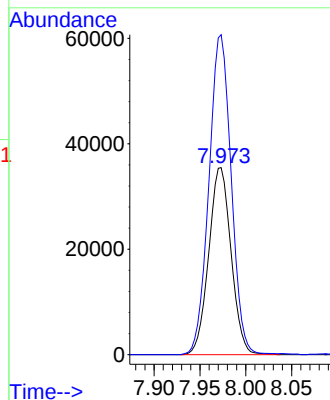
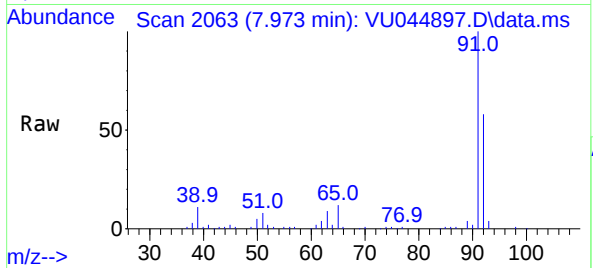




#52
Toluene
Concen: 8.646 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU044897.D
Acq: 27 Sep 2021 18:29

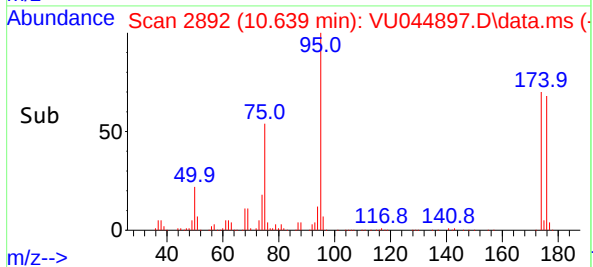
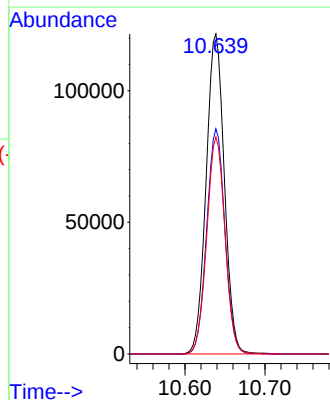
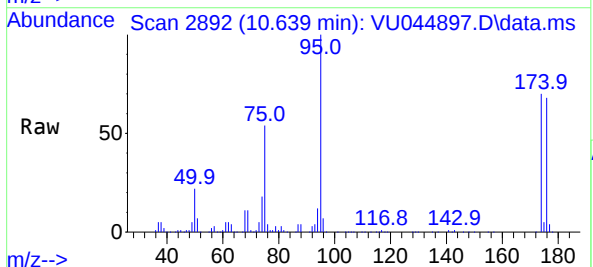
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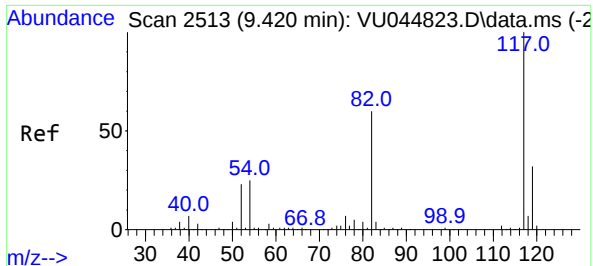
Tgt Ion: 92 Resp: 60158
Ion Ratio Lower Upper
92 100
91 171.0 136.9 205.3



#62
4-Bromofluorobenzene
Concen: 55.741 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.003 min
Lab File: VU044897.D
Acq: 27 Sep 2021 18:29

Tgt Ion: 95 Resp: 192979
Ion Ratio Lower Upper
95 100
174 70.5 0.0 146.6
176 67.4 0.0 141.2

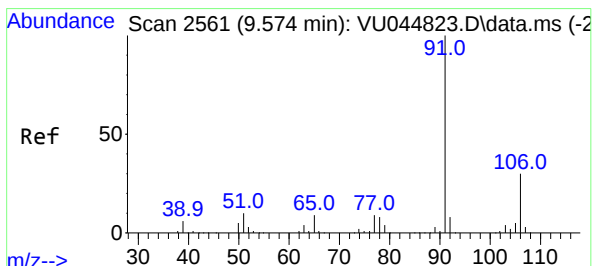
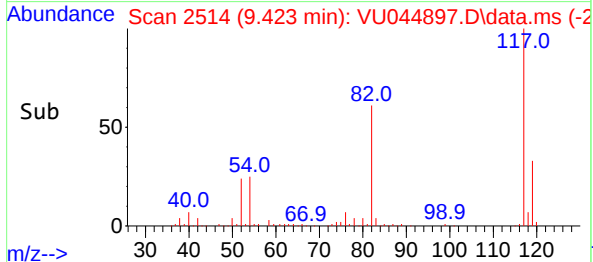
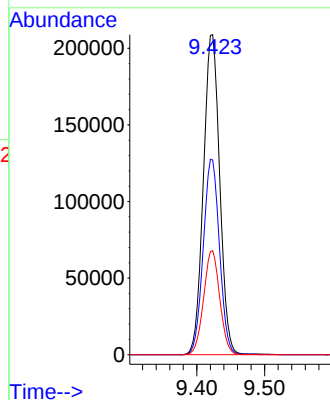
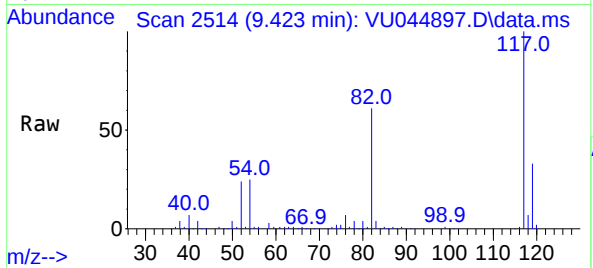




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.003 min
Lab File: VU044897.D
Acq: 27 Sep 2021 18:29

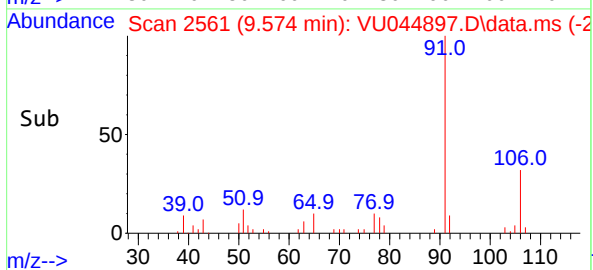
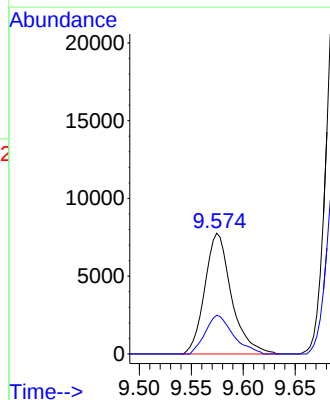
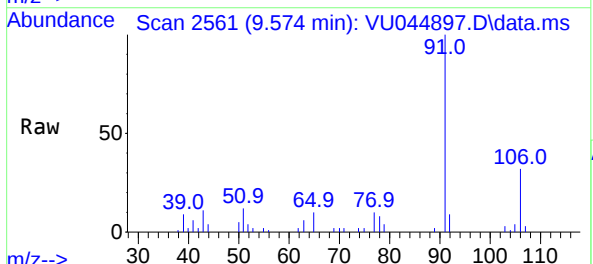
Instrument :
MSVOA_U
ClientSampled :
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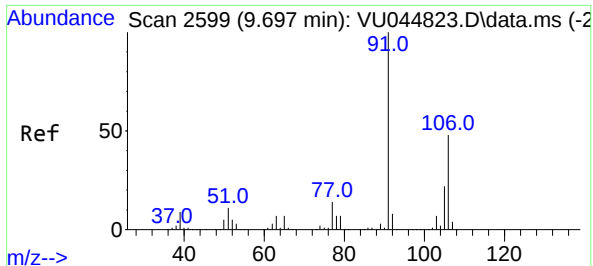
Tgt Ion:117 Resp: 349226
Ion Ratio Lower Upper
117 100
82 60.9 47.8 71.8
119 32.5 25.8 38.6



#67
Ethyl Benzene
Concen: 1.071 ug/l
RT: 9.574 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU044897.D
Acq: 27 Sep 2021 18:29

Tgt Ion: 91 Resp: 13859
Ion Ratio Lower Upper
91 100
106 32.1 24.3 36.5

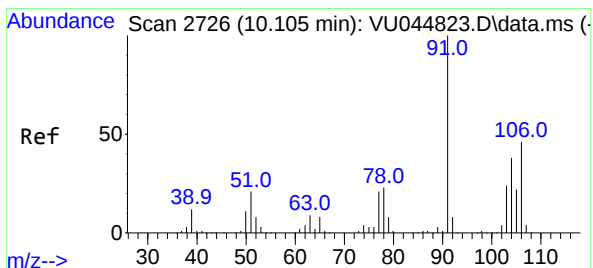
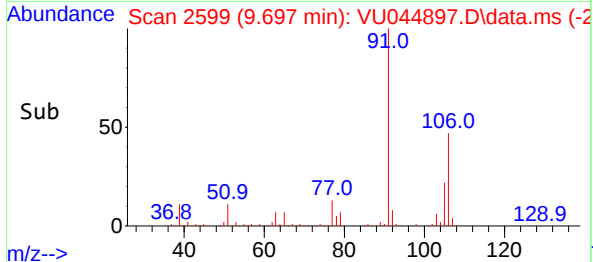
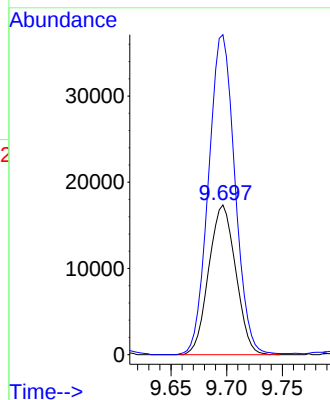
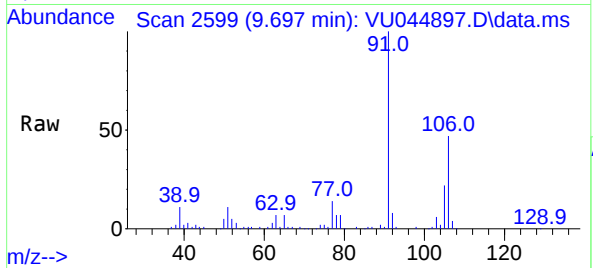




#68
m/p-Xylenes
Concen: 5.908 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU044897.D
Acq: 27 Sep 2021 18:29

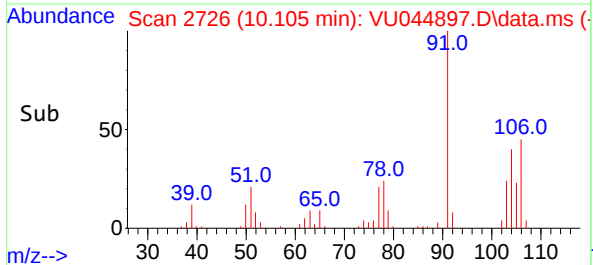
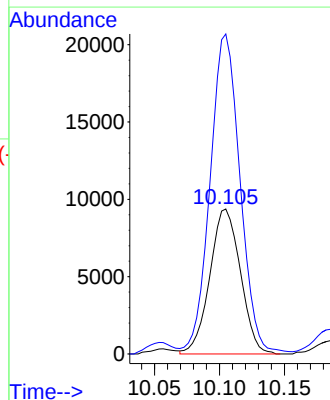
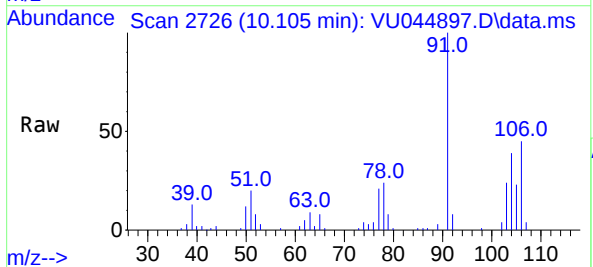
Instrument :
MSVOA_U
ClientSampleId :
20898

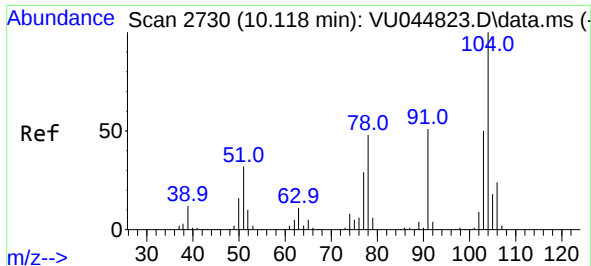
Tgt Ion:106 Resp: 29242
Ion Ratio Lower Upper
106 100
91 209.8 164.2 246.2



#69
o-Xylene
Concen: 3.209 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. -0.000 min
Lab File: VU044897.D
Acq: 27 Sep 2021 18:29

Tgt Ion:106 Resp: 15356
Ion Ratio Lower Upper
106 100
91 216.6 108.9 326.7

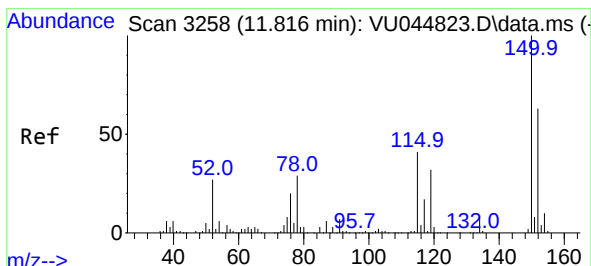
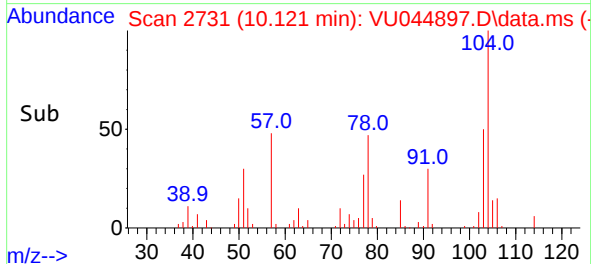
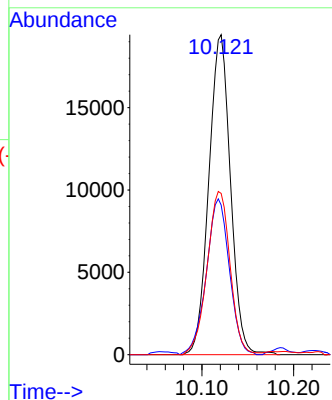
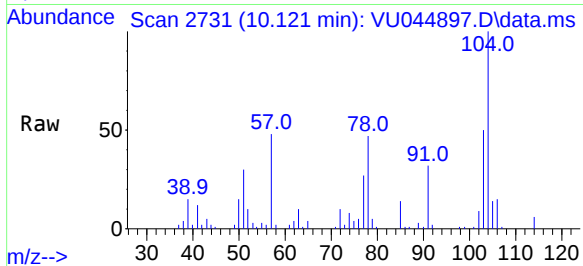




#70
Styrene
Concen: 4.508 ug/l
RT: 10.121 min Scan# 2731
Delta R.T. 0.003 min
Lab File: VU044897.D
Acq: 27 Sep 2021 18:29

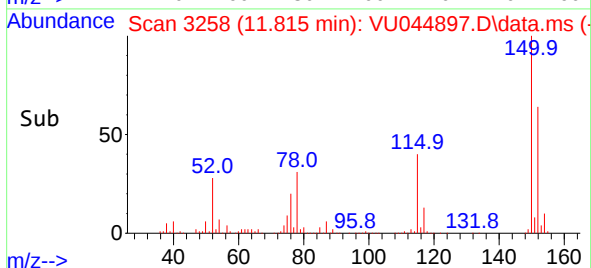
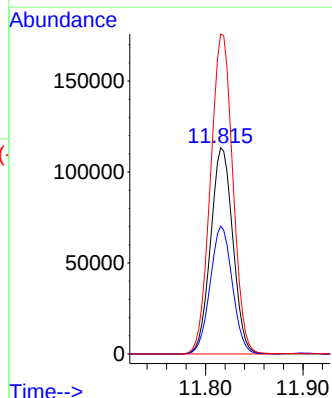
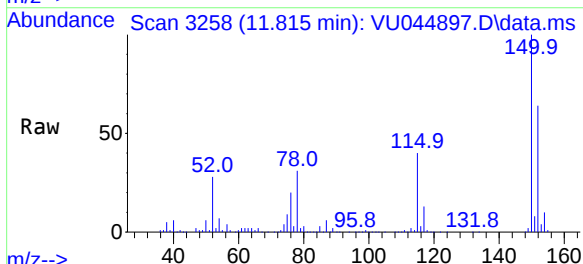
Instrument :
MSVOA_U
ClientSampleId :
20898

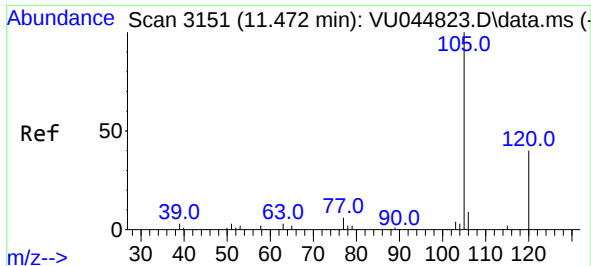
Tgt Ion:104 Resp: 31926
Ion Ratio Lower Upper
104 100
78 51.8 41.4 62.0
103 54.1 43.5 65.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.815 min Scan# 3258
Delta R.T. -0.000 min
Lab File: VU044897.D
Acq: 27 Sep 2021 18:29

Tgt Ion:152 Resp: 179821
Ion Ratio Lower Upper
152 100
115 61.8 43.5 130.7
150 155.9 0.0 350.0

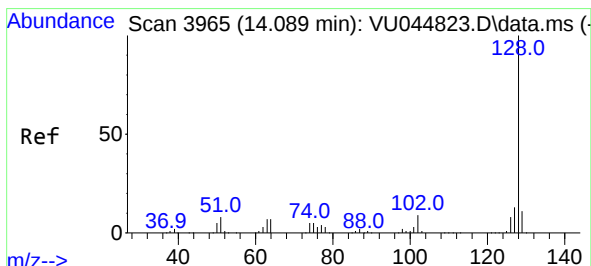
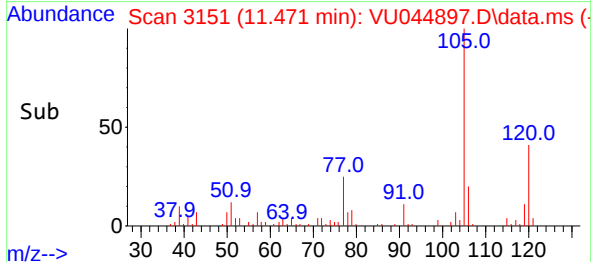
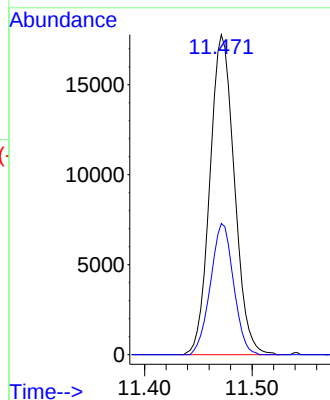
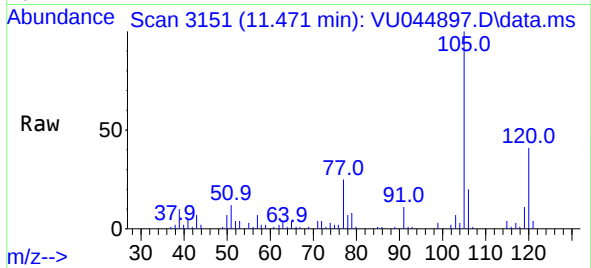




#84
1,2,4-Trimethylbenzene
Concen: 2.638 ug/l
RT: 11.471 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VU044897.D
Acq: 27 Sep 2021 18:29

Instrument :
MSVOA_U
ClientSampled :
20898

Tgt Ion:105 Resp: 28120
Ion Ratio Lower Upper
105 100
120 38.6 22.4 67.3



#95
Naphthalene
Concen: 36.818 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU044897.D
Acq: 27 Sep 2021 18:29

Tgt Ion:128 Resp: 504317
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 11.1 8.6 13.0

