

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092721\
 Data File : VU044893.D
 Acq On : 27 Sep 2021 16:55
 Operator : SY/MD
 Sample : M3888-04DL 4X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 20895DL

Quant Time: Sep 27 17:39:54 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

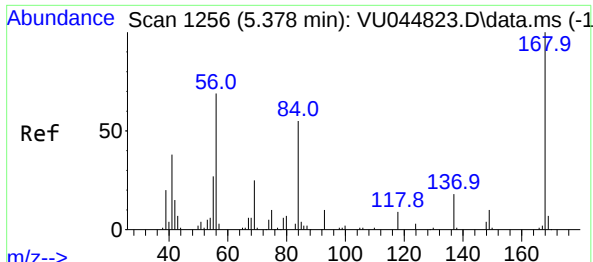
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.372	168	214010	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	383038	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	365544	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	172405	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	171384	45.885	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.780%	
35) Dibromofluoromethane	5.292	113	116807	44.452	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.900%	
50) Toluene-d8	7.899	98	485280	48.898	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.800%	
62) 4-Bromofluorobenzene	10.639	95	186468	50.587	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.180%	
Target Compounds					Qvalue	
16) Acetone	2.639	43	43305	20.555	ug/l	99
18) Methyl Acetate	2.967	43	232945	33.095	ug/l	97
40) Benzene	5.774	78	671520	54.195	ug/l	99
52) Toluene	7.973	92	413193	55.776	ug/l	99
67) Ethyl Benzene	9.574	91	61759	4.560	ug/l	100
68) m/p-Xylenes	9.697	106	137314	26.506	ug/l	98
69) o-Xylene	10.105	106	96735	19.311	ug/l	98
70) Styrene	10.121	104	49355	6.176	ug/l #	74
80) 1,3,5-Trimethylbenzene	11.092	105	15291	1.475	ug/l	97
84) 1,2,4-Trimethylbenzene	11.471	105	55221	5.404	ug/l	95
95) Naphthalene	14.089	128	684525	51.732	ug/l	100

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

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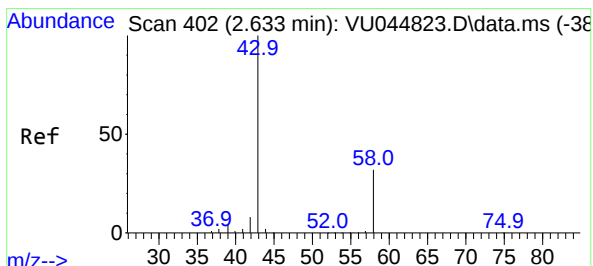
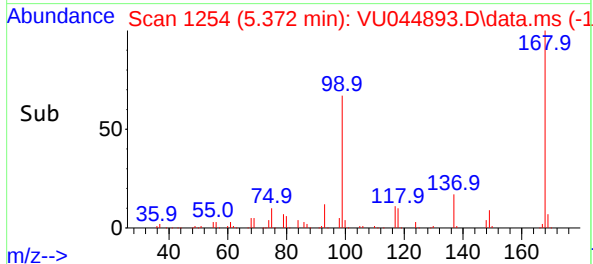
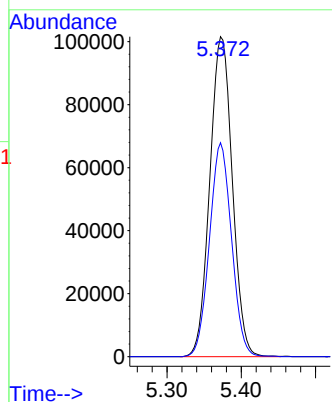
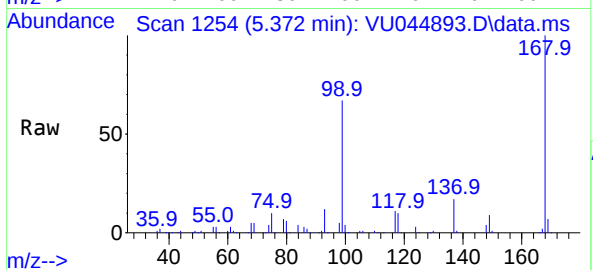




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.006 min
Lab File: VU044893.D
Acq: 27 Sep 2021 16:55

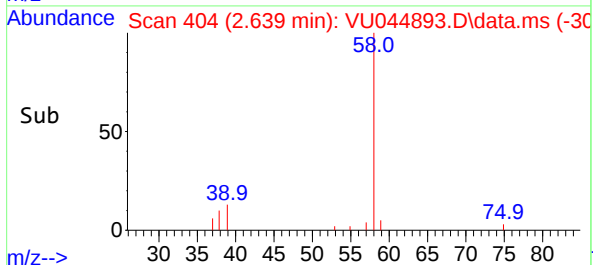
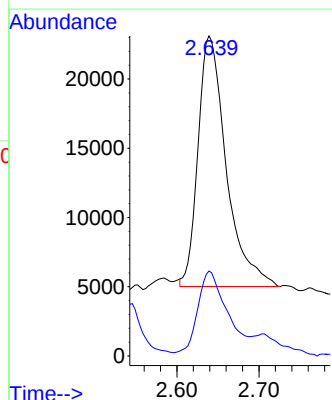
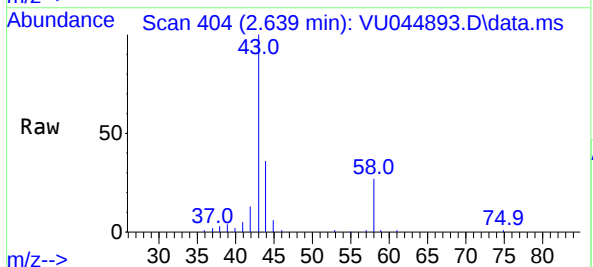
Instrument :
MSVOA_U
ClientSampleId :
20895DL

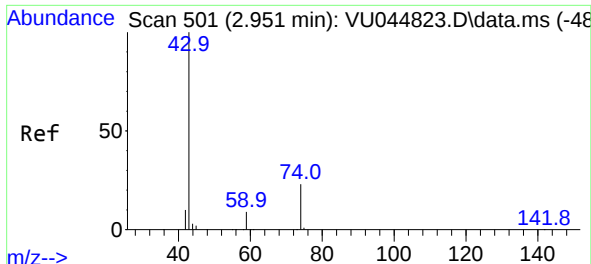
Tgt Ion:168 Resp: 214010
Ion Ratio Lower Upper
168 100
99 66.8 51.4 77.0



#16
Acetone
Concen: 20.555 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.006 min
Lab File: VU044893.D
Acq: 27 Sep 2021 16:55

Tgt Ion: 43 Resp: 43305
Ion Ratio Lower Upper
43 100
58 31.9 25.2 37.8

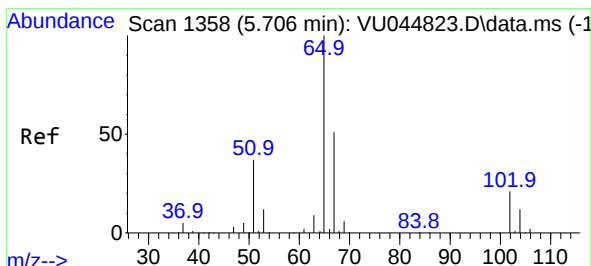
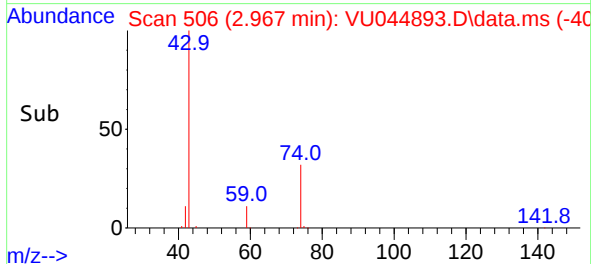
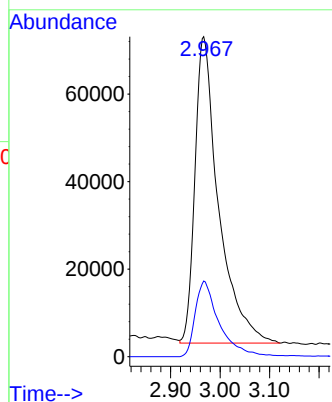
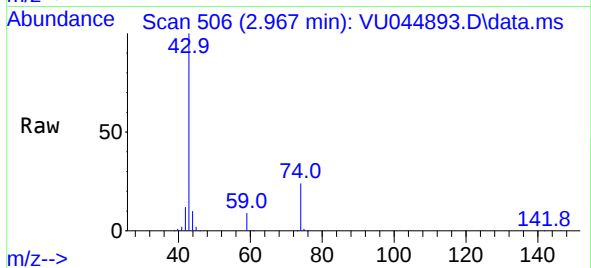




#18
Methyl Acetate
Concen: 33.095 ug/l
RT: 2.967 min Scan# 506
Delta R.T. 0.016 min
Lab File: VU044893.D
Acq: 27 Sep 2021 16:55

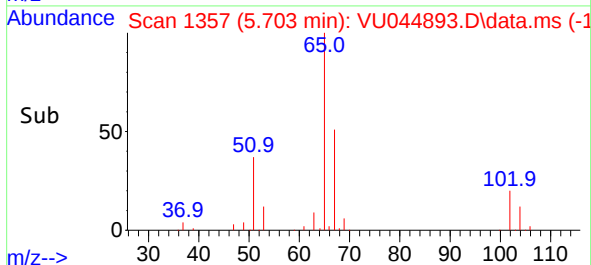
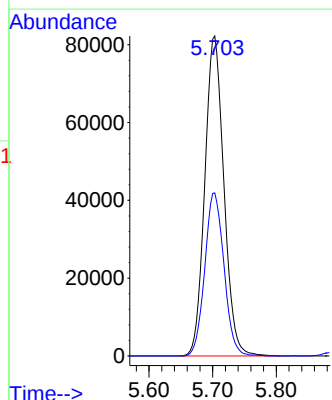
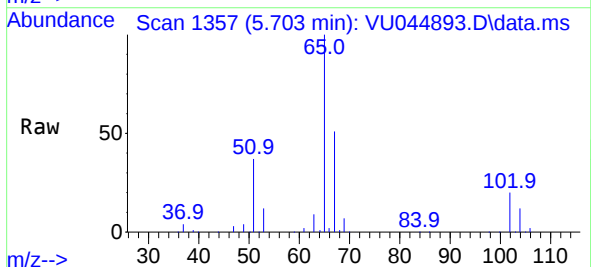
Instrument :
MSVOA_U
ClientSampled :
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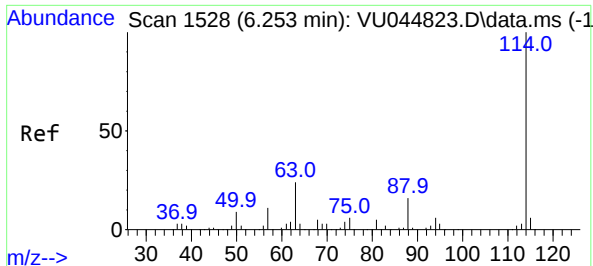
Tgt Ion: 43 Resp: 232945
Ion Ratio Lower Upper
43 100
74 25.1 19.0 28.6



#33
1,2-Dichloroethane-d4
Concen: 45.885 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. -0.003 min
Lab File: VU044893.D
Acq: 27 Sep 2021 16:55

Tgt Ion: 65 Resp: 171384
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.8



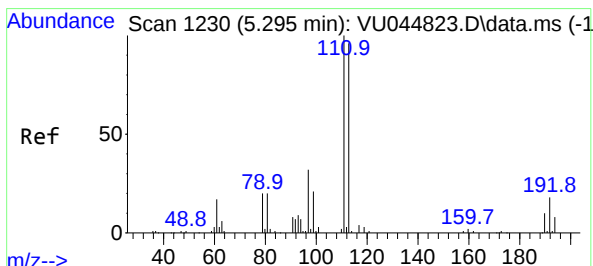
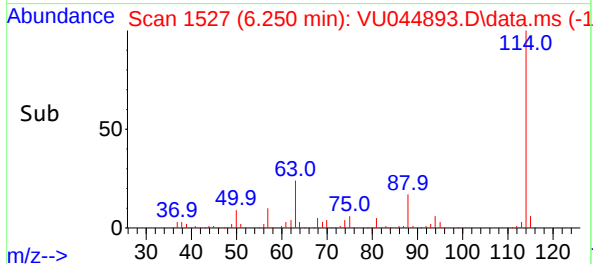
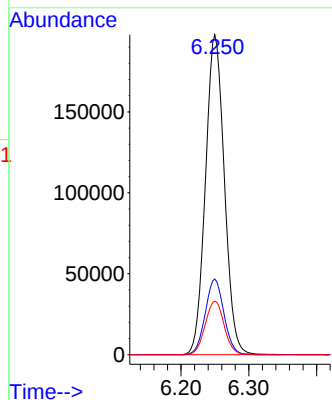
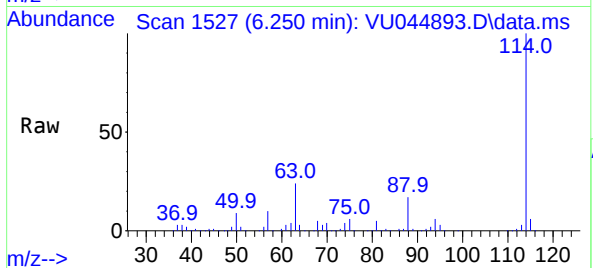


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.250 min Scan# 1527
Delta R.T. -0.003 min
Lab File: VU044893.D
Acq: 27 Sep 2021 16:55

Instrument :
MSVOA_U
ClientSampled :
20895DL

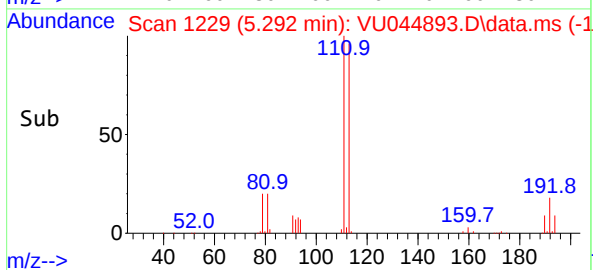
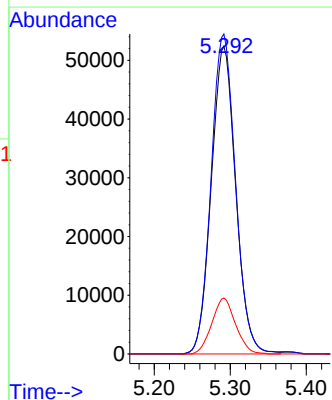
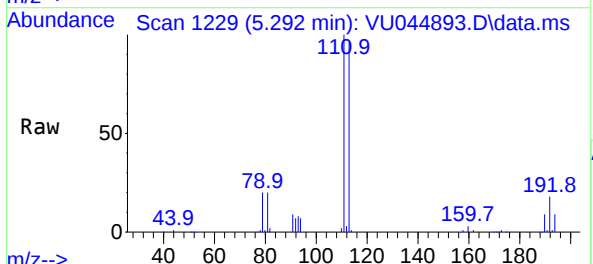
Tgt Ion:114 Resp: 383038
Ion Ratio Lower Upper
114 100
63 23.7 0.0 47.8
88 16.7 0.0 32.8

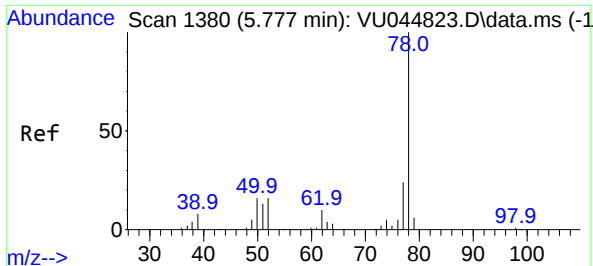


#35

Dibromofluoromethane
Concen: 44.452 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. -0.003 min
Lab File: VU044893.D
Acq: 27 Sep 2021 16:55

Tgt Ion:113 Resp: 116807
Ion Ratio Lower Upper
113 100
111 103.8 84.1 126.1
192 17.6 14.8 22.2

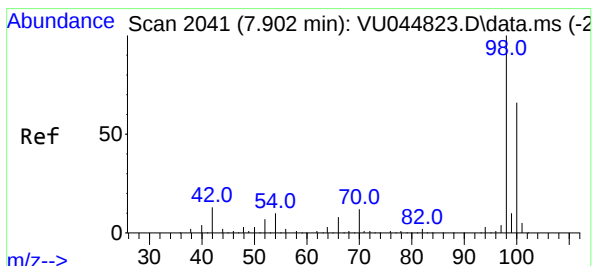
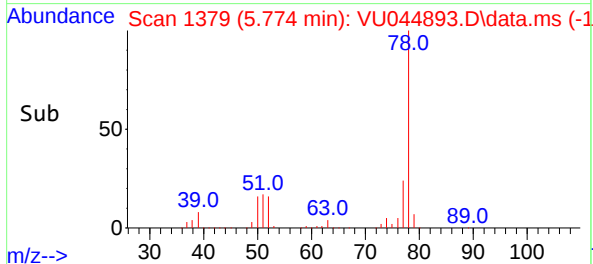
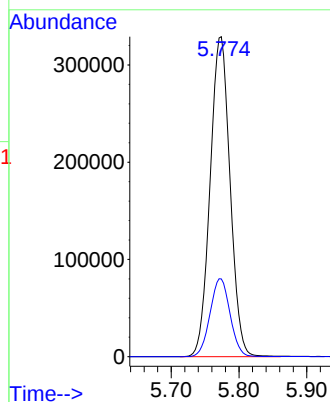
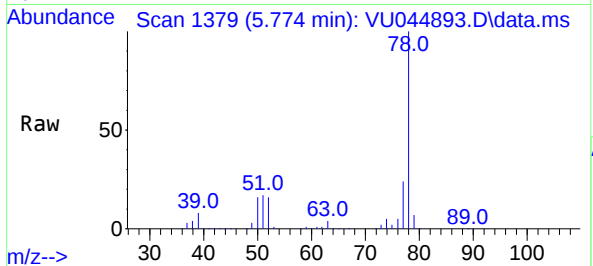




#40
Benzene
Concen: 54.195 ug/l
RT: 5.774 min Scan# 1379
Delta R.T. -0.003 min
Lab File: VU044893.D
Acq: 27 Sep 2021 16:55

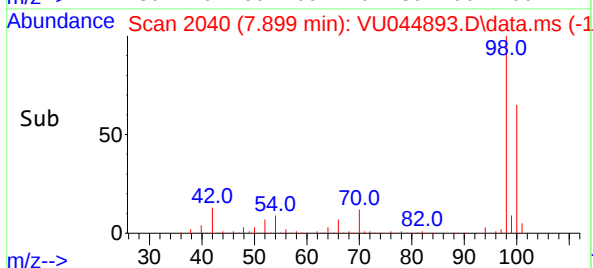
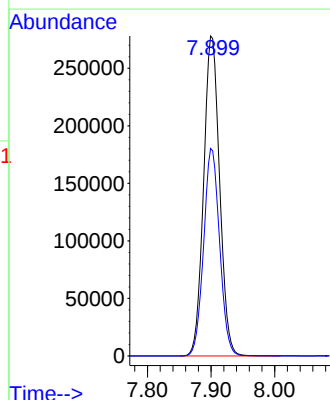
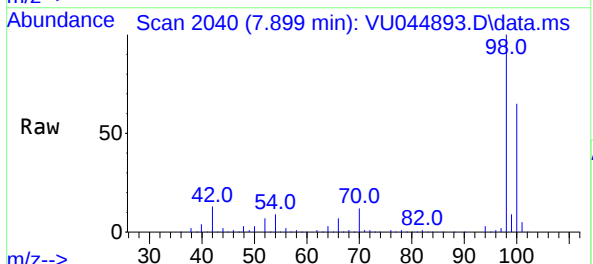
Instrument :
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ClientSampled :
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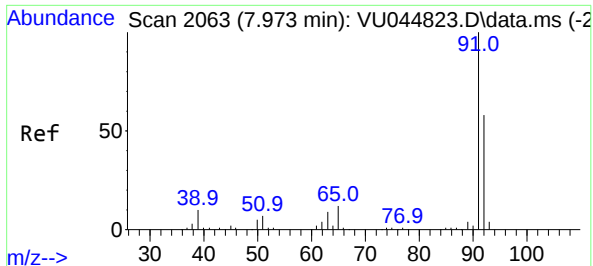
Tgt Ion: 78 Resp: 671520
Ion Ratio Lower Upper
78 100
77 24.3 19.1 28.7



#50
Toluene-d8
Concen: 48.898 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.003 min
Lab File: VU044893.D
Acq: 27 Sep 2021 16:55

Tgt Ion: 98 Resp: 485280
Ion Ratio Lower Upper
98 100
100 64.7 52.5 78.7

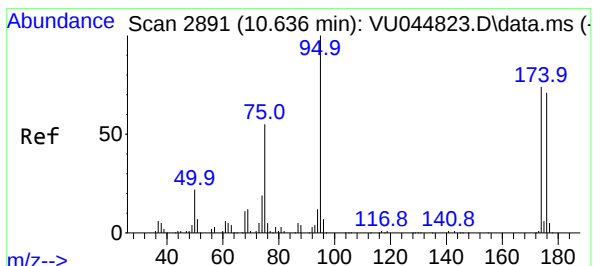
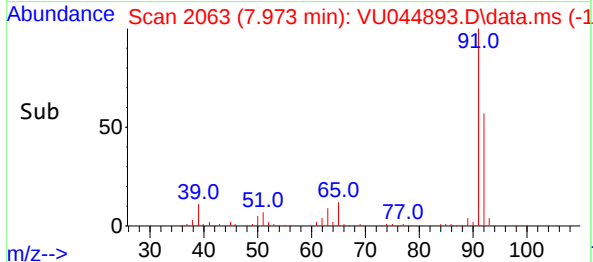
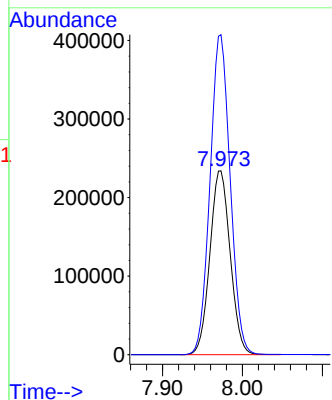
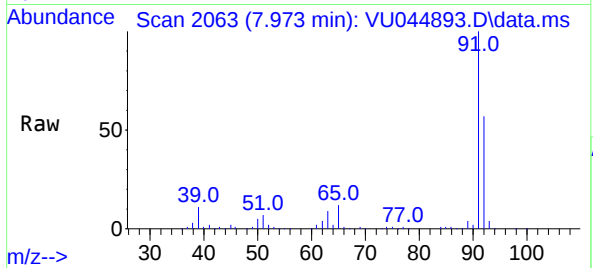




#52
Toluene
Concen: 55.776 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU044893.D
Acq: 27 Sep 2021 16:55

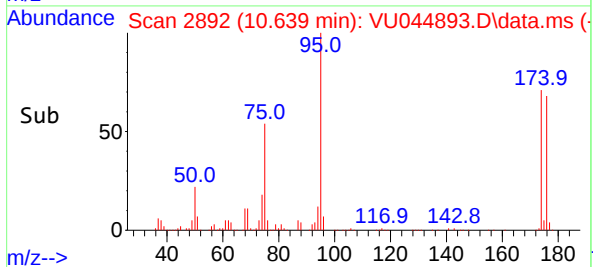
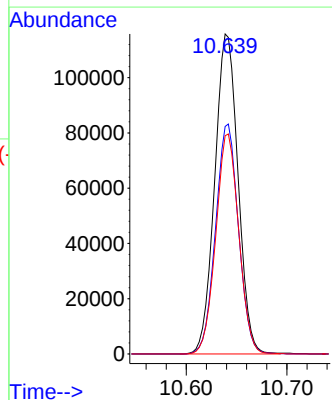
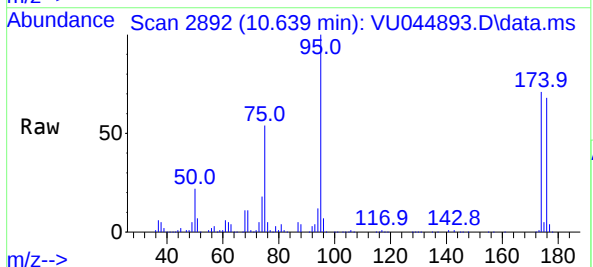
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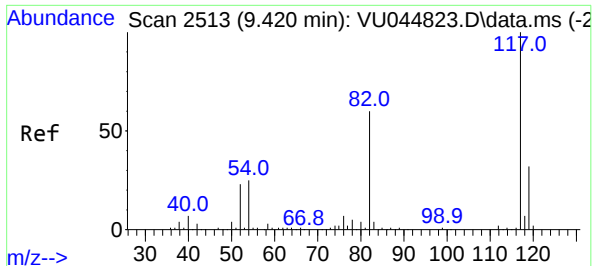
Tgt Ion: 92 Resp: 413193
Ion Ratio Lower Upper
92 100
91 172.6 136.9 205.3



#62
4-Bromofluorobenzene
Concen: 50.587 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.003 min
Lab File: VU044893.D
Acq: 27 Sep 2021 16:55

Tgt Ion: 95 Resp: 186468
Ion Ratio Lower Upper
95 100
174 70.6 0.0 146.6
176 67.8 0.0 141.2

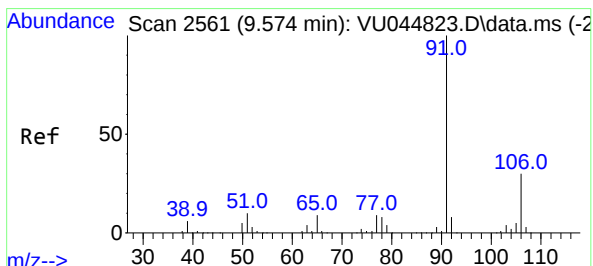
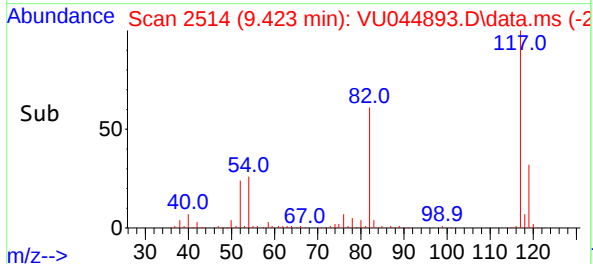
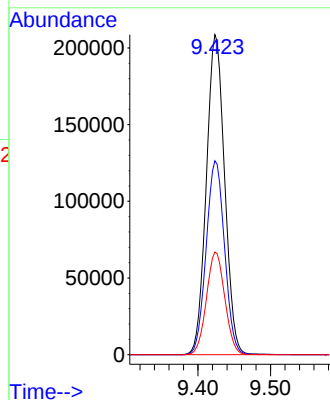
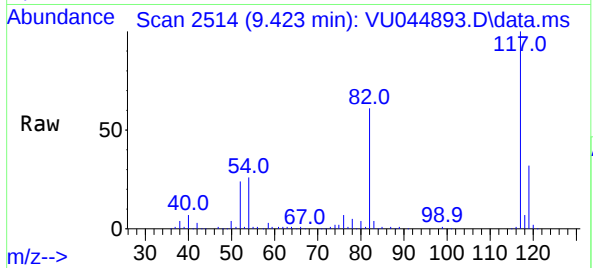




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.003 min
Lab File: VU044893.D
Acq: 27 Sep 2021 16:55

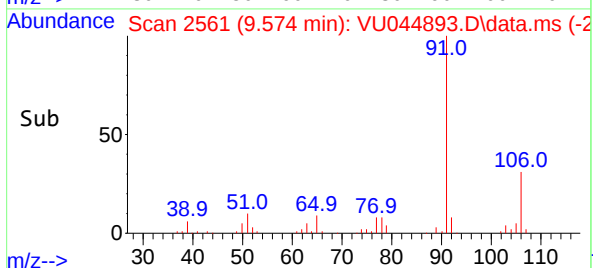
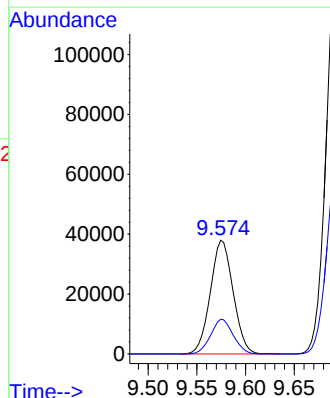
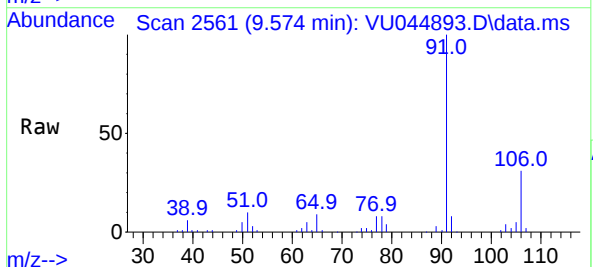
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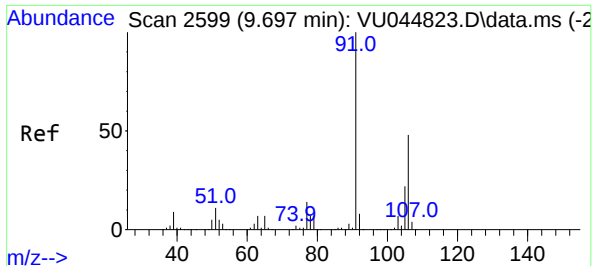
Tgt Ion:117 Resp: 365544
Ion Ratio Lower Upper
117 100
82 60.6 47.8 71.8
119 32.1 25.8 38.6



#67
Ethyl Benzene
Concen: 4.560 ug/l
RT: 9.574 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU044893.D
Acq: 27 Sep 2021 16:55

Tgt Ion: 91 Resp: 61759
Ion Ratio Lower Upper
91 100
106 30.5 24.3 36.5

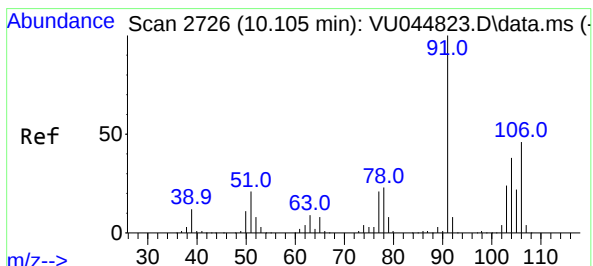
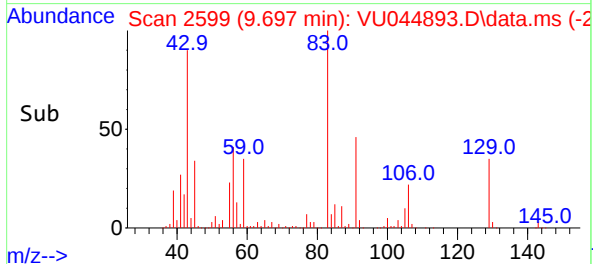
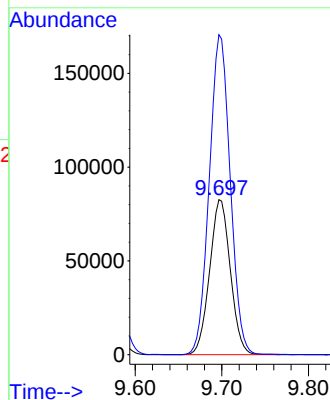
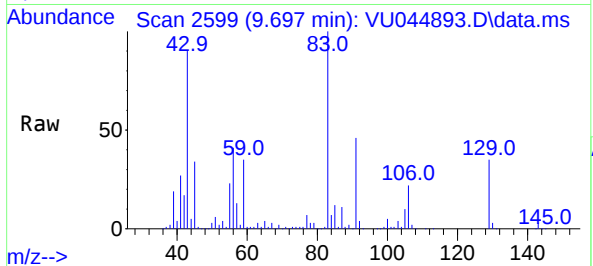




#68
m/p-Xylenes
Concen: 26.506 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU044893.D
Acq: 27 Sep 2021 16:55

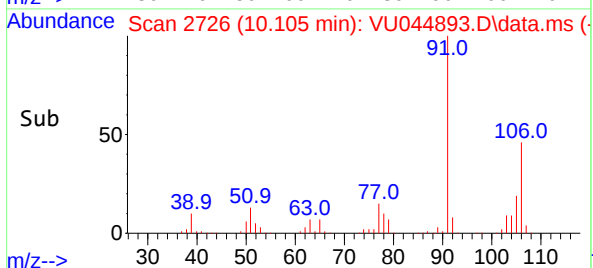
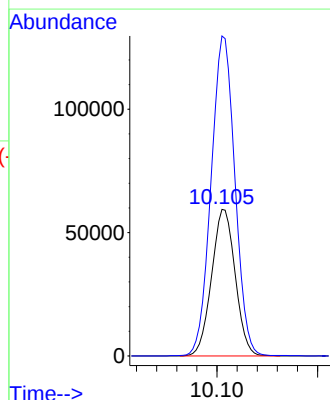
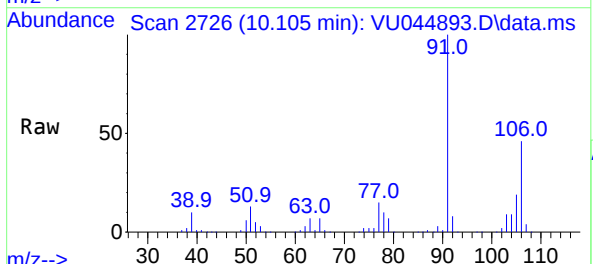
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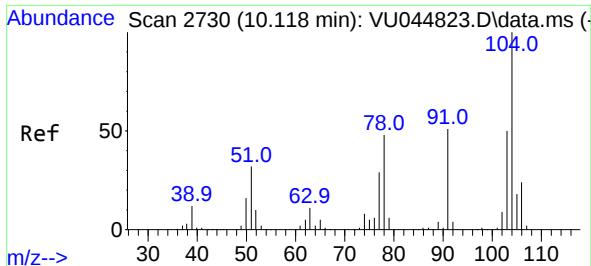
Tgt Ion:106 Resp: 137314
Ion Ratio Lower Upper
106 100
91 208.9 164.2 246.2



#69
o-Xylene
Concen: 19.311 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. -0.000 min
Lab File: VU044893.D
Acq: 27 Sep 2021 16:55

Tgt Ion:106 Resp: 96735
Ion Ratio Lower Upper
106 100
91 220.8 108.9 326.7

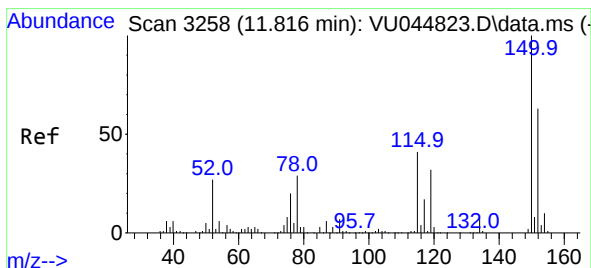
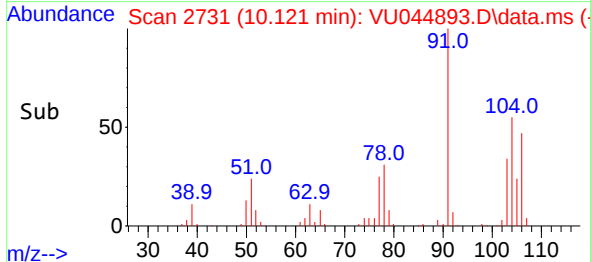
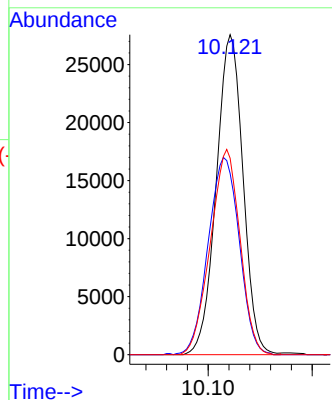
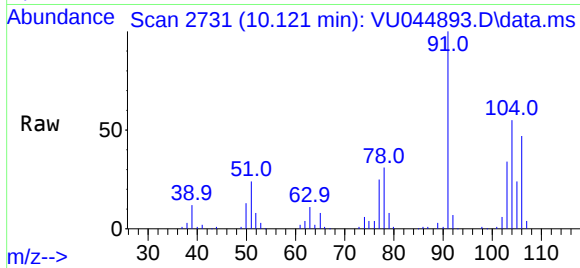




#70
Styrene
Concen: 6.176 ug/l
RT: 10.121 min Scan# 2731
Delta R.T. 0.003 min
Lab File: VU044893.D
Acq: 27 Sep 2021 16:55

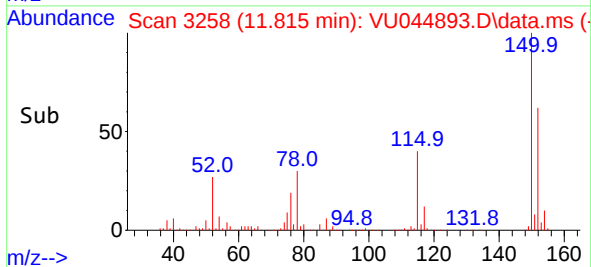
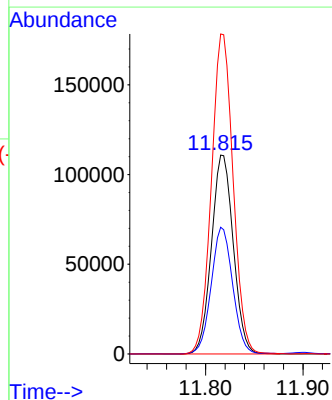
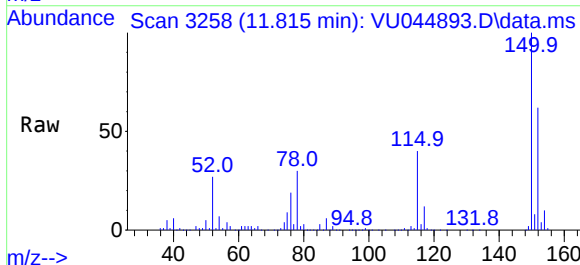
Instrument :
MSVOA_U
ClientSampled :
20895DL

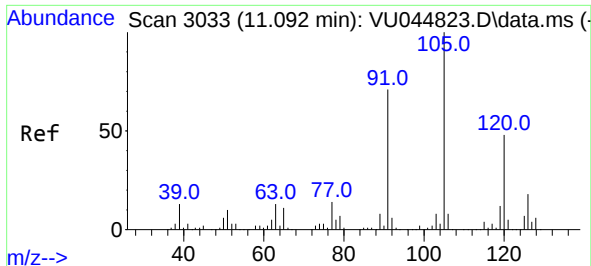
Tgt Ion:104 Resp: 49355
Ion Ratio Lower Upper
104 100
78 71.6 41.4 62.0#
103 71.0 43.5 65.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.815 min Scan# 3258
Delta R.T. -0.000 min
Lab File: VU044893.D
Acq: 27 Sep 2021 16:55

Tgt Ion:152 Resp: 172405
Ion Ratio Lower Upper
152 100
115 63.0 43.5 130.7
150 159.7 0.0 350.0

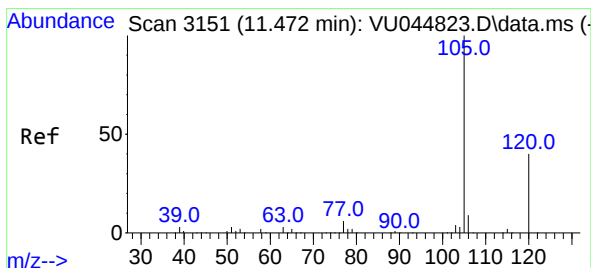
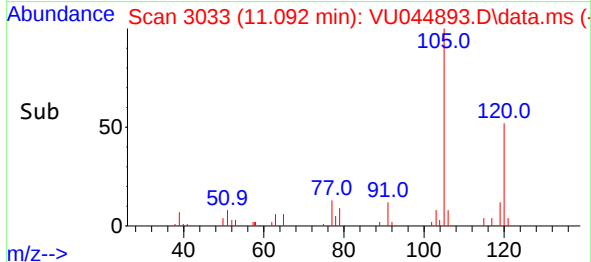
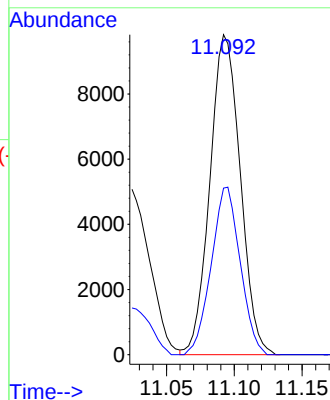
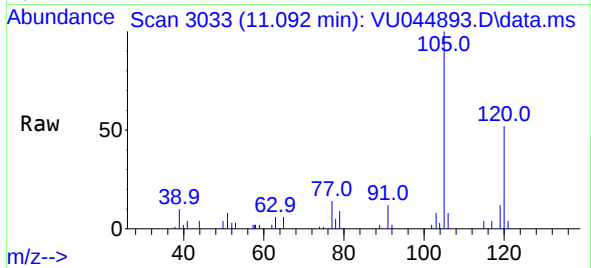




#80
1,3,5-Trimethylbenzene
Concen: 1.475 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU044893.D
Acq: 27 Sep 2021 16:55

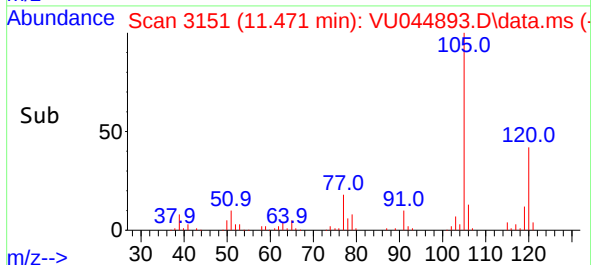
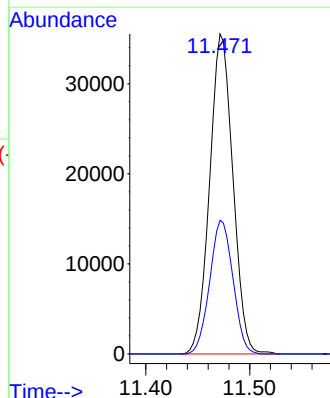
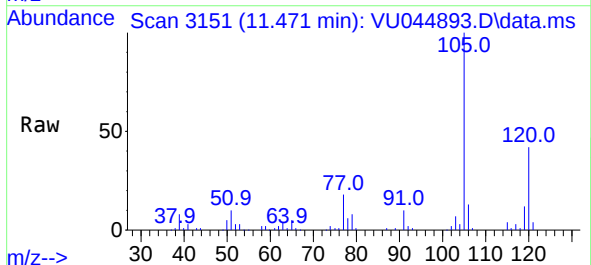
Instrument :
MSVOA_U
ClientSampled :
20895DL

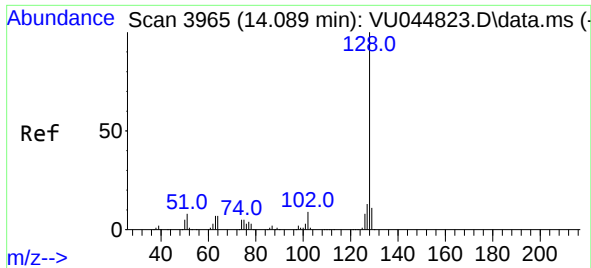
Tgt Ion:105 Resp: 15291
Ion Ratio Lower Upper
105 100
120 49.9 24.1 72.2



#84
1,2,4-Trimethylbenzene
Concen: 5.404 ug/l
RT: 11.471 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VU044893.D
Acq: 27 Sep 2021 16:55

Tgt Ion:105 Resp: 55221
Ion Ratio Lower Upper
105 100
120 41.6 22.4 67.3





#95
Naphthalene
Concen: 51.732 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU044893.D
Acq: 27 Sep 2021 16:55

Instrument :
MSVOA_U
ClientSampleId :
20895DL

Tgt Ion:128 Resp: 684525
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.8 8.6 13.0

