

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092721\
 Data File : VU044894.D
 Acq On : 27 Sep 2021 17:19
 Operator : SY/MD
 Sample : M3888-06DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 20897DL

Quant Time: Sep 27 17:40:47 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)

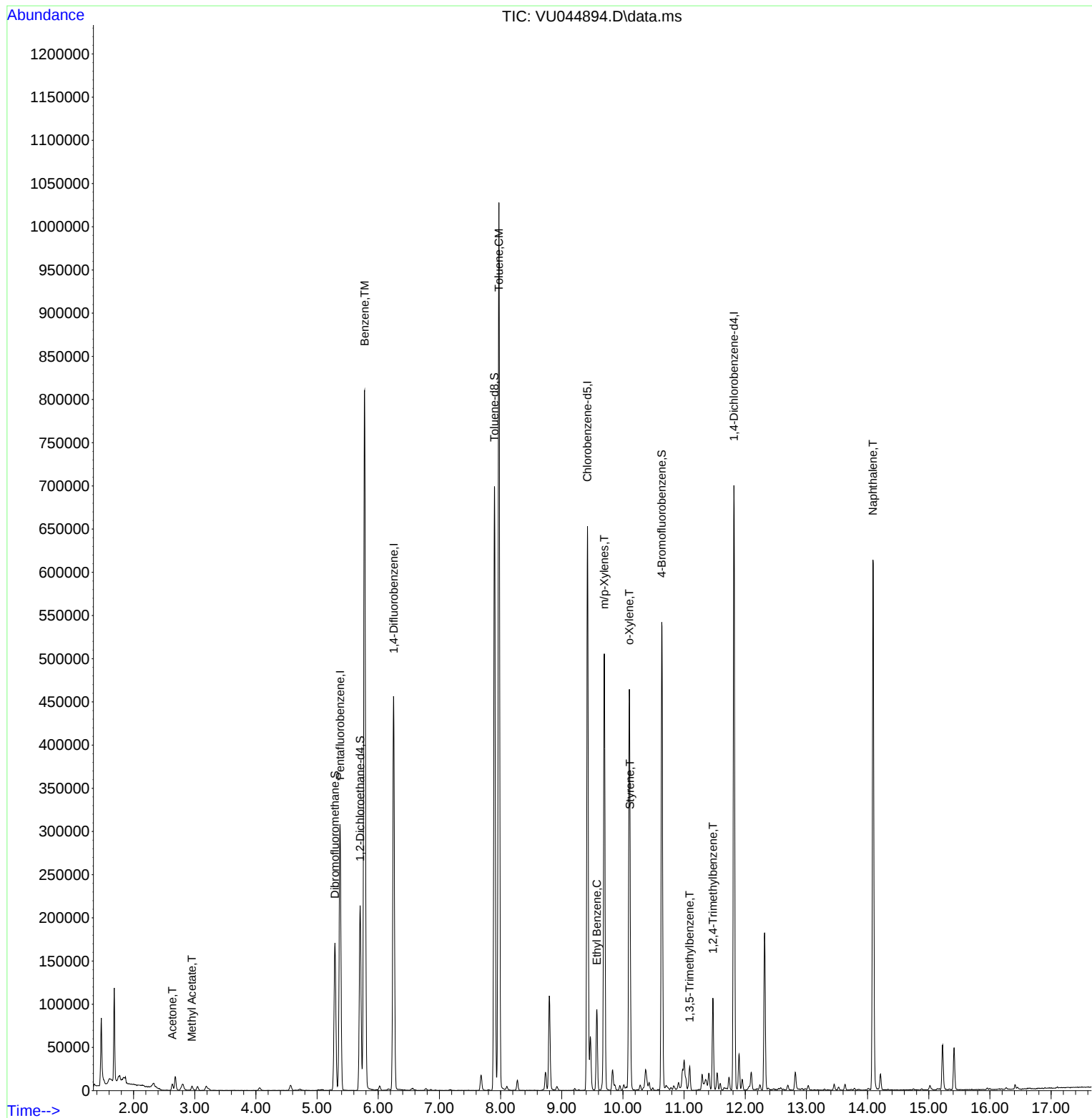
Internal Standards						
1) Pentafluorobenzene	5.375	168	199669	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	350545	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	333879	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	167506	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	158877	45.592	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.180%	
35) Dibromofluoromethane	5.292	113	108618	45.167	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.340%	
50) Toluene-d8	7.899	98	447447	49.265	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.540%	
62) 4-Bromofluorobenzene	10.635	95	178008	52.768	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.540%	
Target Compounds						
					Qvalue	
16) Acetone	2.633	43	8839	4.497	ug/l	99
18) Methyl Acetate	2.954	43	6865	1.045	ug/l	95
40) Benzene	5.777	78	744707	65.673	ug/l	99
52) Toluene	7.973	92	420412	62.011	ug/l	99
67) Ethyl Benzene	9.574	91	64286	5.196	ug/l	100
68) m/p-Xylenes	9.697	106	137921	29.148	ug/l	98
69) o-Xylene	10.105	106	107443	23.483	ug/l	97
70) Styrene	10.118	104	51062	6.862	ug/l #	70
80) 1,3,5-Trimethylbenzene	11.092	105	14120	1.402	ug/l	97
84) 1,2,4-Trimethylbenzene	11.471	105	55295	5.570	ug/l	97
95) Naphthalene	14.089	128	451934	35.455	ug/l	100

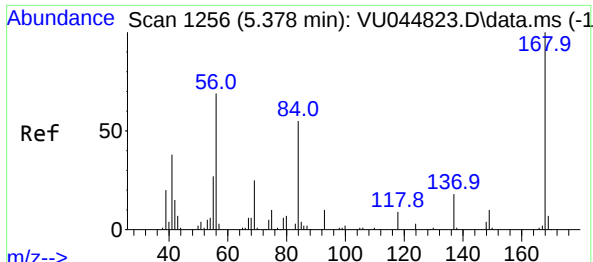
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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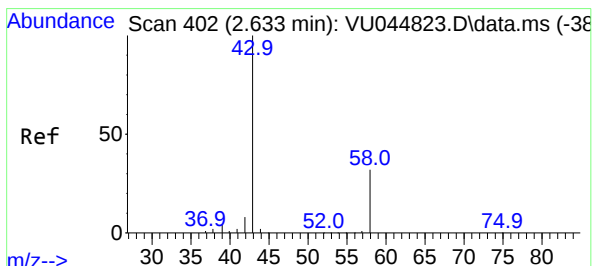
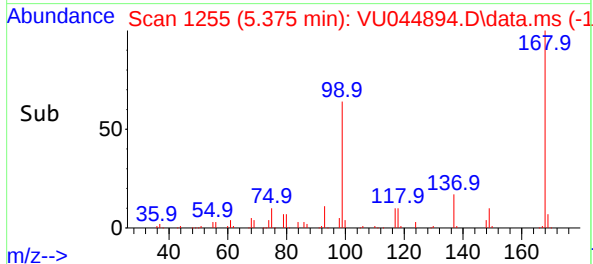
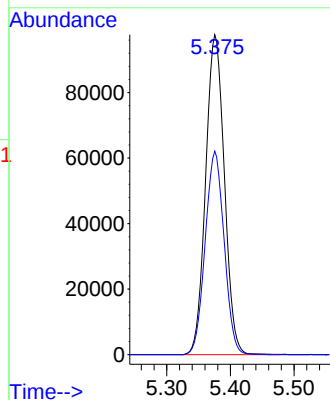
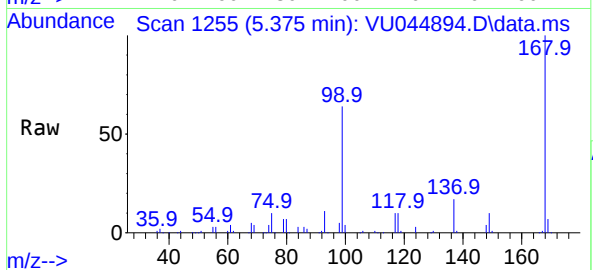




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.003 min
Lab File: VU044894.D
Acq: 27 Sep 2021 17:19

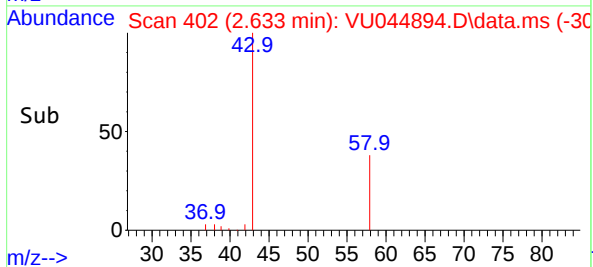
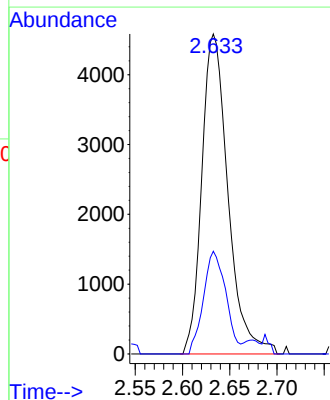
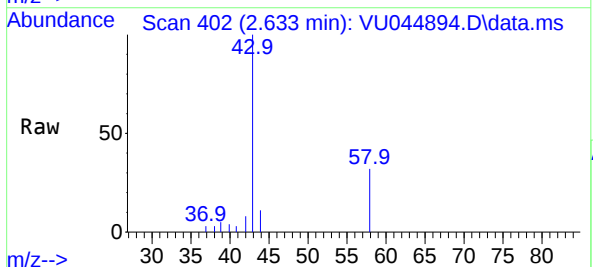
Instrument :
MSVOA_U
ClientSampleId :
20897DL

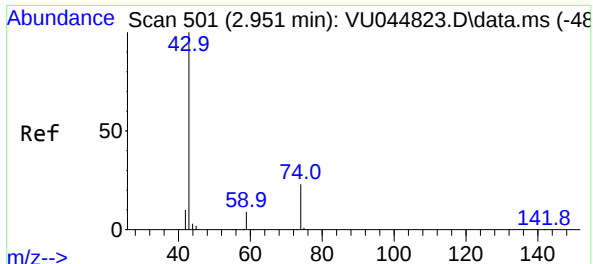
Tgt Ion:168 Resp: 199669
Ion Ratio Lower Upper
168 100
99 63.6 51.4 77.0



#16
Acetone
Concen: 4.497 ug/l
RT: 2.633 min Scan# 402
Delta R.T. -0.000 min
Lab File: VU044894.D
Acq: 27 Sep 2021 17:19

Tgt Ion: 43 Resp: 8839
Ion Ratio Lower Upper
43 100
58 32.1 25.2 37.8

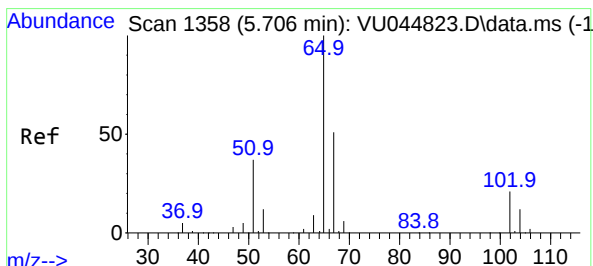
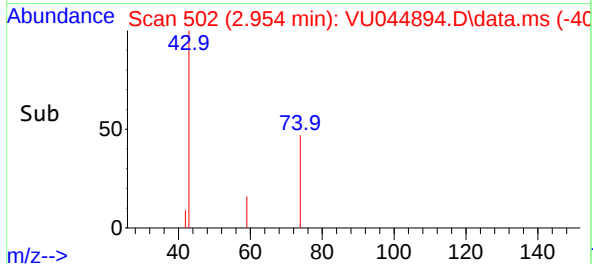
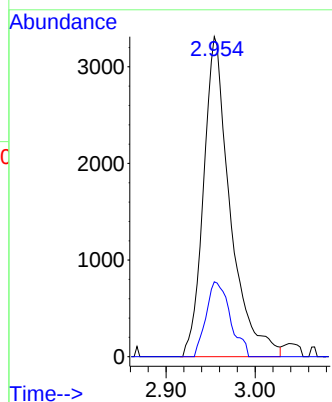
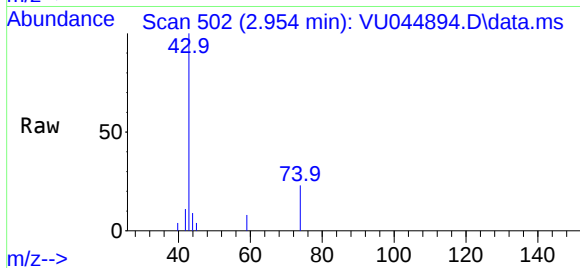




#18
Methyl Acetate
Concen: 1.045 ug/l
RT: 2.954 min Scan# 502
Delta R.T. 0.003 min
Lab File: VU044894.D
Acq: 27 Sep 2021 17:19

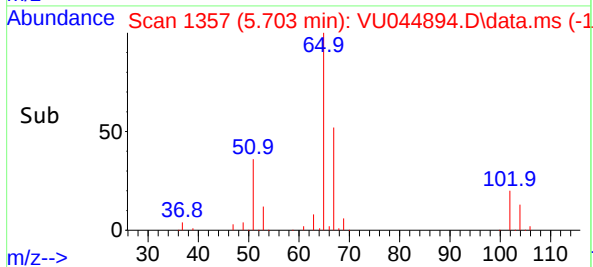
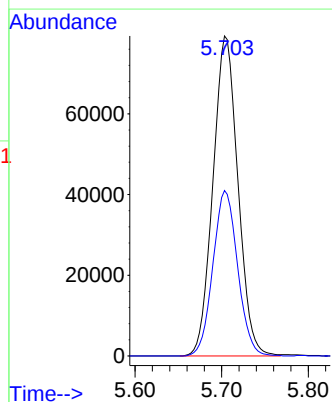
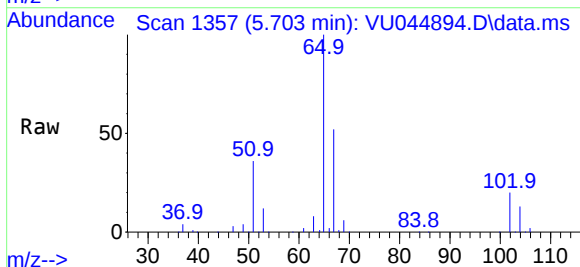
Instrument :
MSVOA_U
ClientSampleId :
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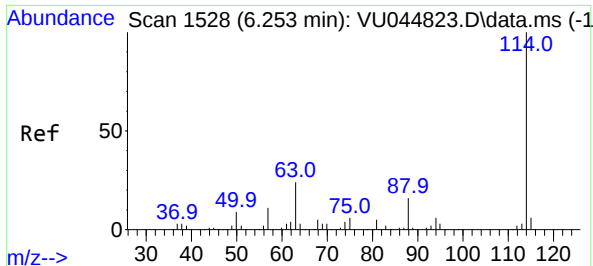
Tgt Ion: 43 Resp: 6865
Ion Ratio Lower Upper
43 100
74 21.2 19.0 28.6



#33
1,2-Dichloroethane-d4
Concen: 45.592 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. -0.003 min
Lab File: VU044894.D
Acq: 27 Sep 2021 17:19

Tgt Ion: 65 Resp: 158877
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.8

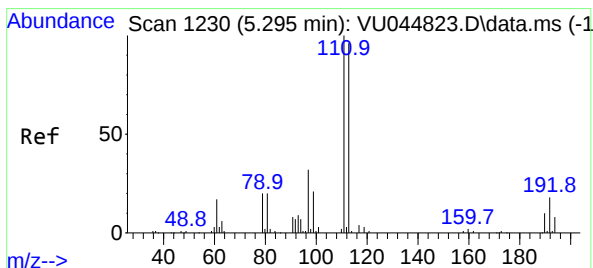
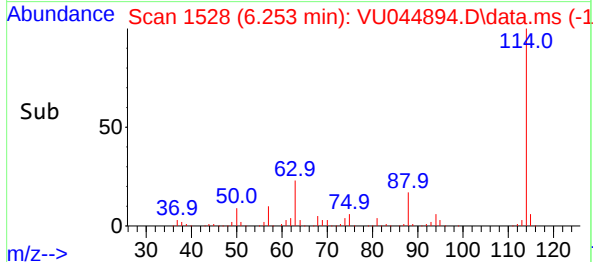
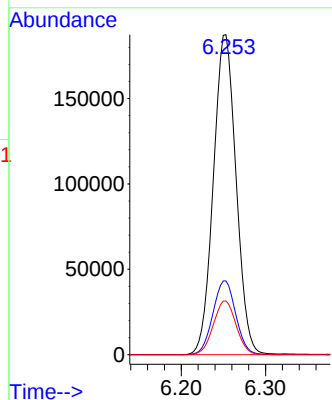
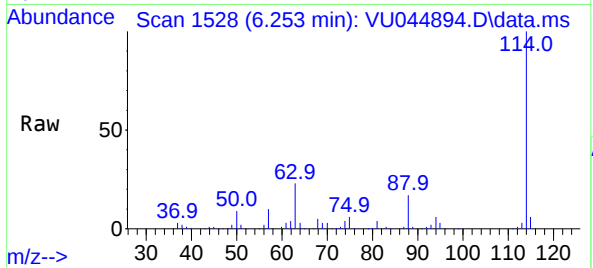




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VU044894.D
Acq: 27 Sep 2021 17:19

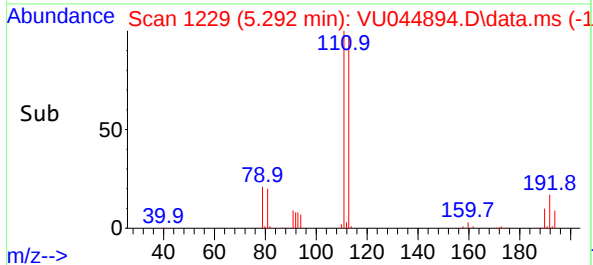
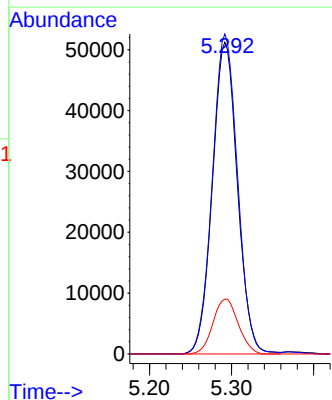
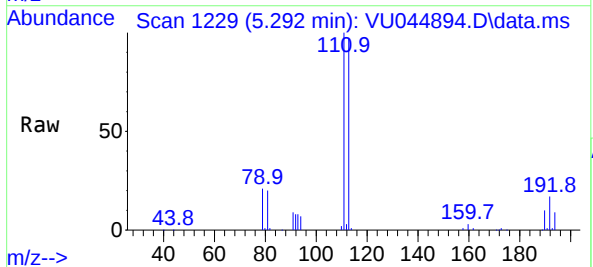
Instrument :
MSVOA_U
ClientSampled :
20897DL

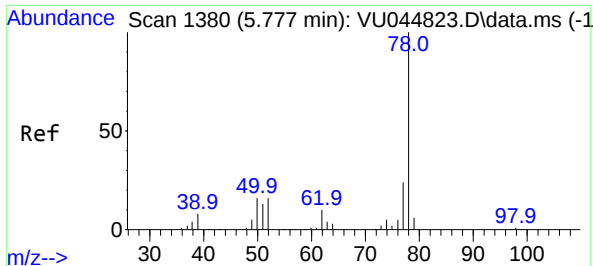
Tgt Ion:114 Resp: 350545
Ion Ratio Lower Upper
114 100
63 23.1 0.0 47.8
88 16.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 45.167 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. -0.003 min
Lab File: VU044894.D
Acq: 27 Sep 2021 17:19

Tgt Ion:113 Resp: 108618
Ion Ratio Lower Upper
113 100
111 103.4 84.1 126.1
192 17.8 14.8 22.2

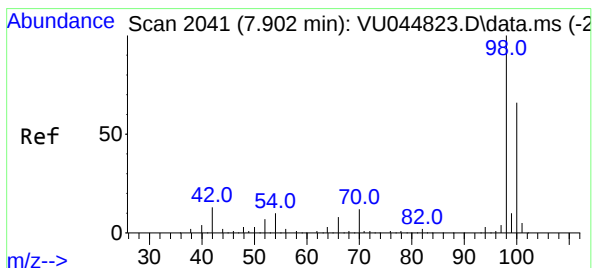
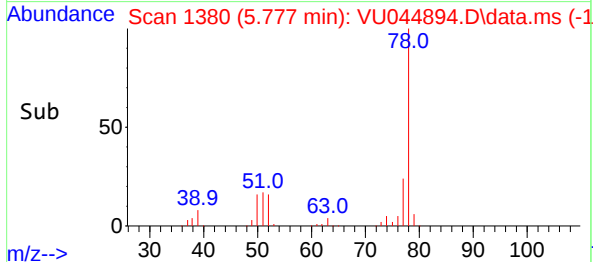
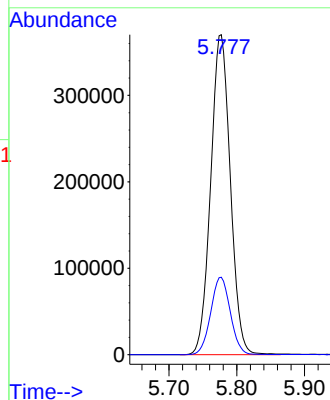
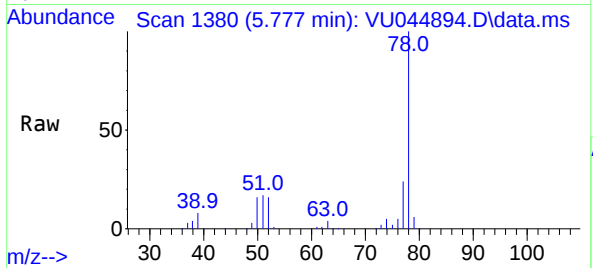




#40
Benzene
Concen: 65.673 ug/l
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU044894.D
Acq: 27 Sep 2021 17:19

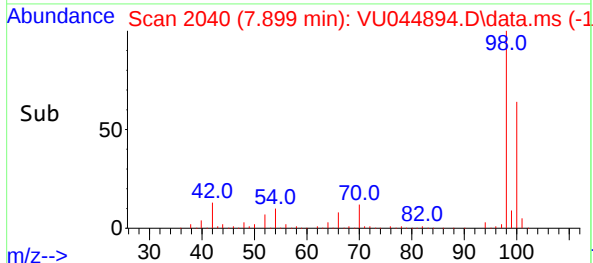
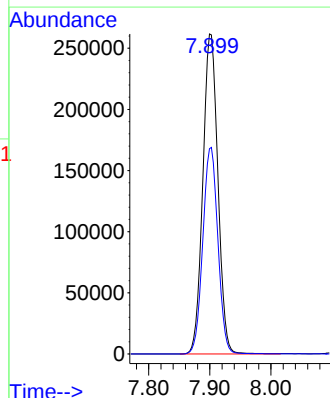
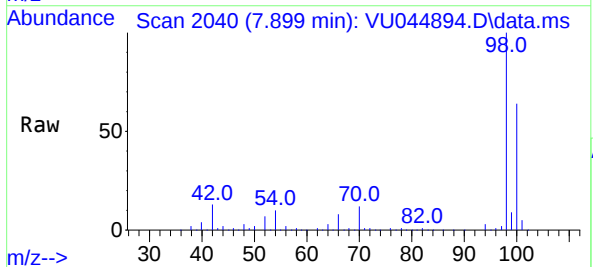
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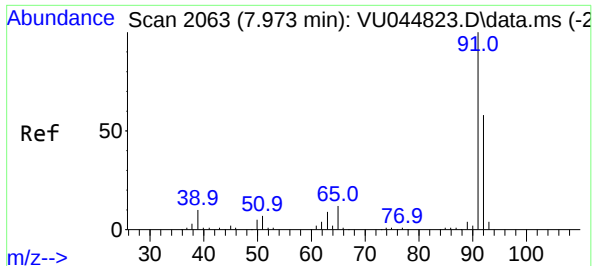
Tgt Ion: 78 Resp: 744707
Ion Ratio Lower Upper
78 100
77 24.2 19.1 28.7



#50
Toluene-d8
Concen: 49.265 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.003 min
Lab File: VU044894.D
Acq: 27 Sep 2021 17:19

Tgt Ion: 98 Resp: 447447
Ion Ratio Lower Upper
98 100
100 64.6 52.5 78.7

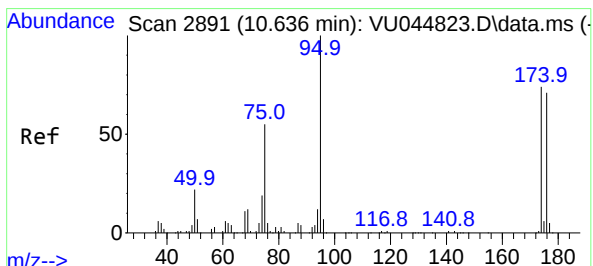
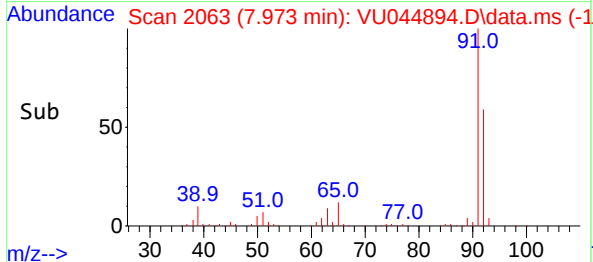
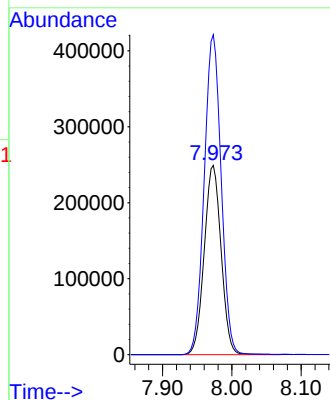
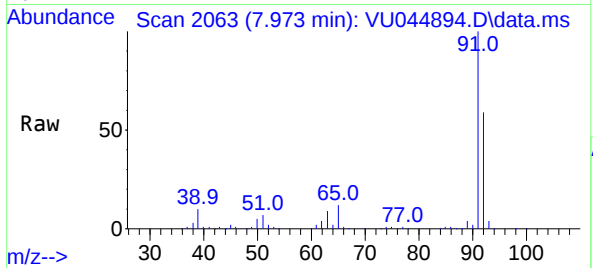




#52
Toluene
Concen: 62.011 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU044894.D
Acq: 27 Sep 2021 17:19

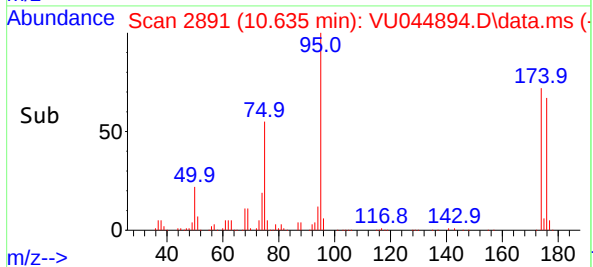
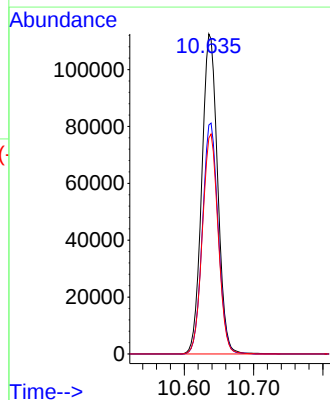
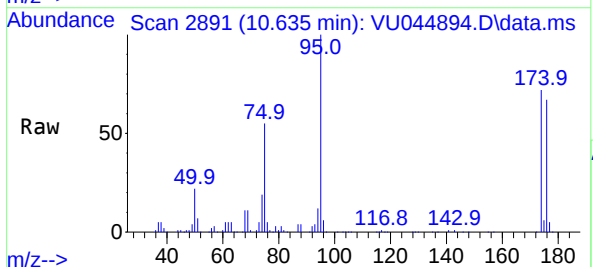
Instrument :
MSVOA_U
ClientSampled :
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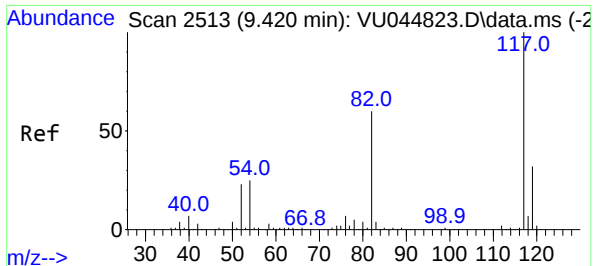
Tgt Ion: 92 Resp: 420412
Ion Ratio Lower Upper
92 100
91 169.7 136.9 205.3



#62
4-Bromofluorobenzene
Concen: 52.768 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.000 min
Lab File: VU044894.D
Acq: 27 Sep 2021 17:19

Tgt Ion: 95 Resp: 178008
Ion Ratio Lower Upper
95 100
174 71.6 0.0 146.6
176 68.5 0.0 141.2

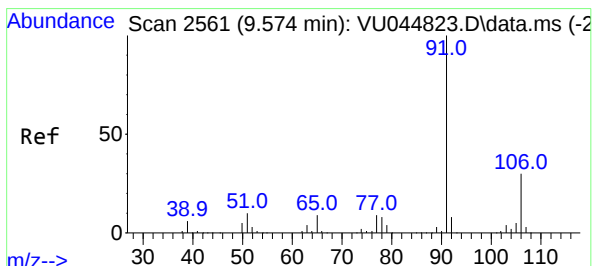
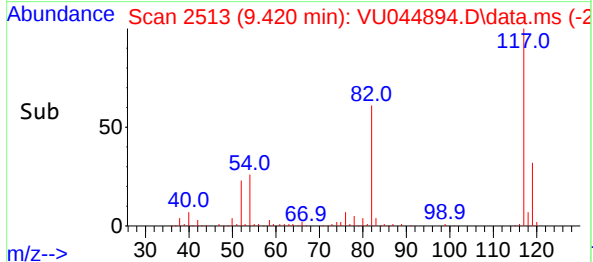
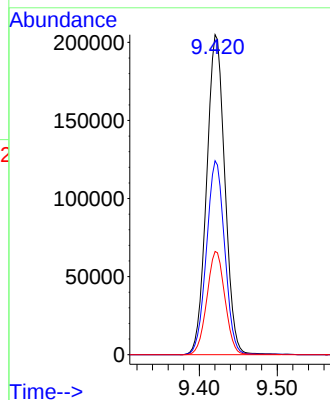
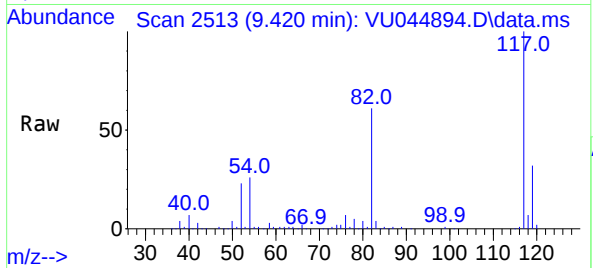




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. -0.000 min
Lab File: VU044894.D
Acq: 27 Sep 2021 17:19

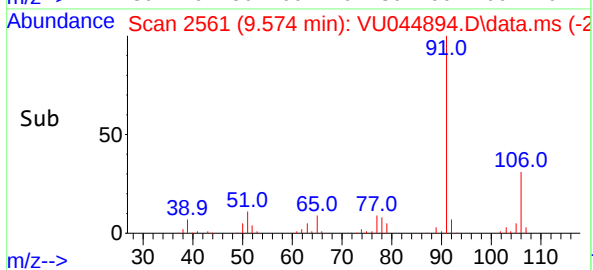
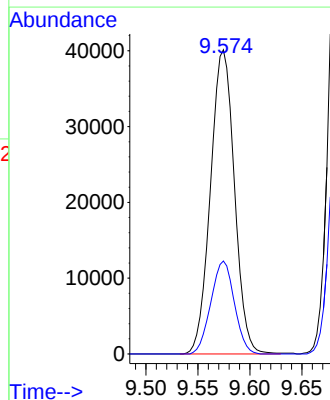
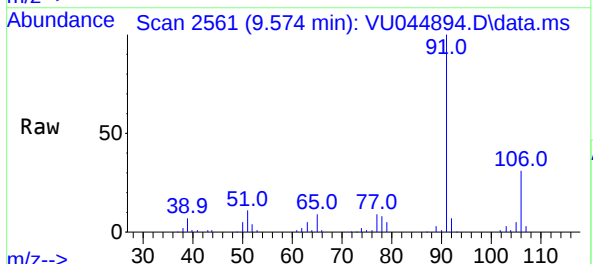
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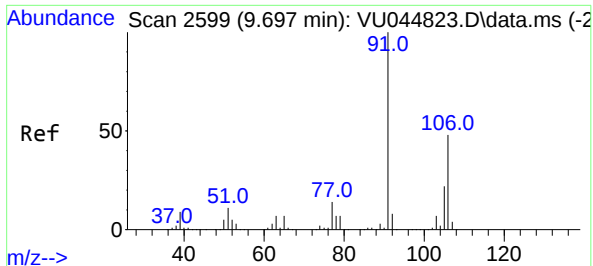
Tgt Ion:117 Resp: 333879
Ion Ratio Lower Upper
117 100
82 60.6 47.8 71.8
119 32.3 25.8 38.6



#67
Ethyl Benzene
Concen: 5.196 ug/l
RT: 9.574 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU044894.D
Acq: 27 Sep 2021 17:19

Tgt Ion: 91 Resp: 64286
Ion Ratio Lower Upper
91 100
106 30.6 24.3 36.5

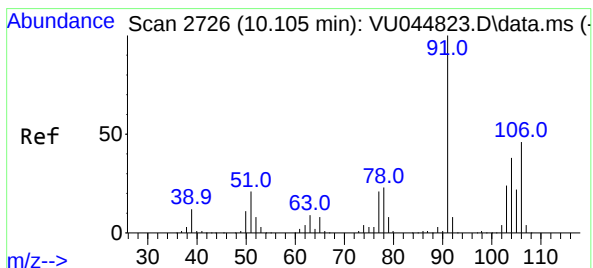
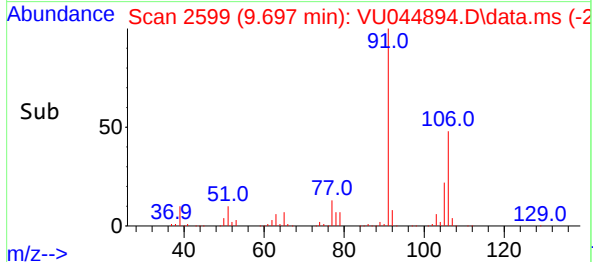
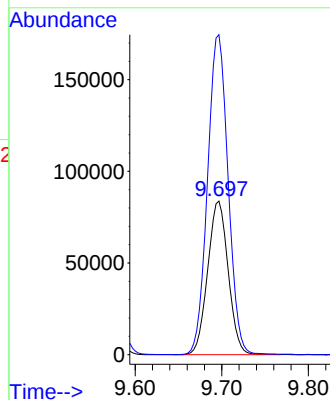
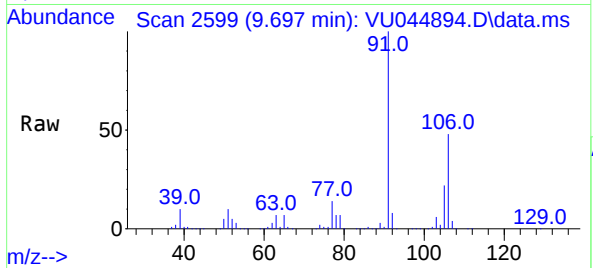




#68
m/p-Xylenes
Concen: 29.148 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU044894.D
Acq: 27 Sep 2021 17:19

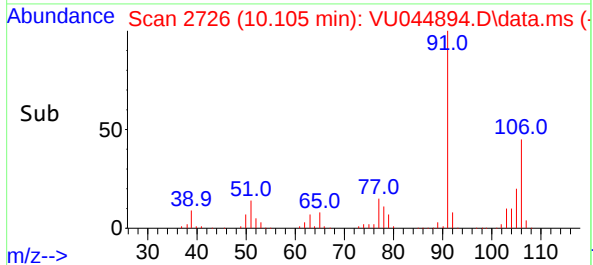
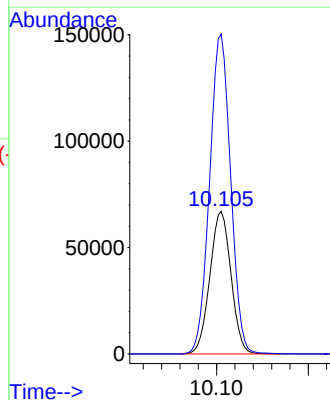
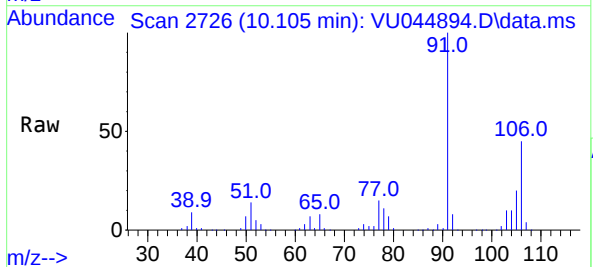
Instrument :
MSVOA_U
ClientSampled :
20897DL

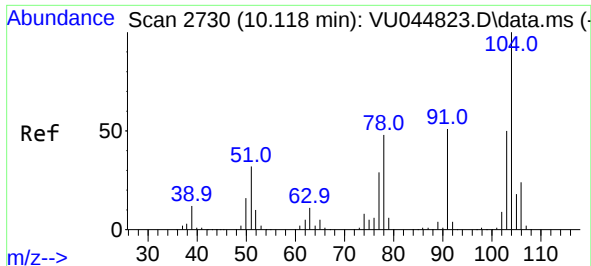
Tgt Ion:106 Resp: 137921
Ion Ratio Lower Upper
106 100
91 209.0 164.2 246.2



#69
o-Xylene
Concen: 23.483 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. -0.000 min
Lab File: VU044894.D
Acq: 27 Sep 2021 17:19

Tgt Ion:106 Resp: 107443
Ion Ratio Lower Upper
106 100
91 222.7 108.9 326.7

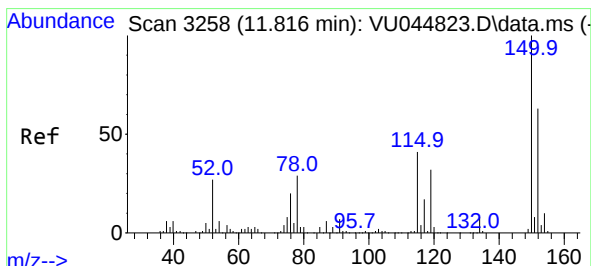
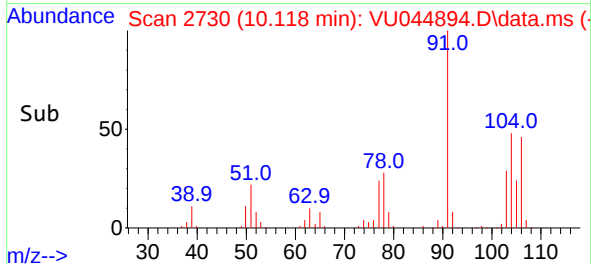
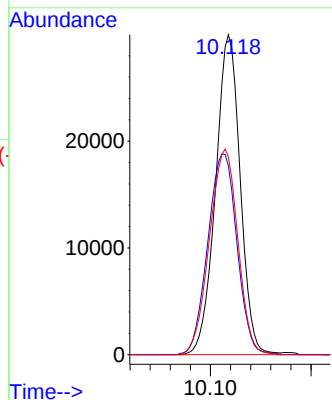
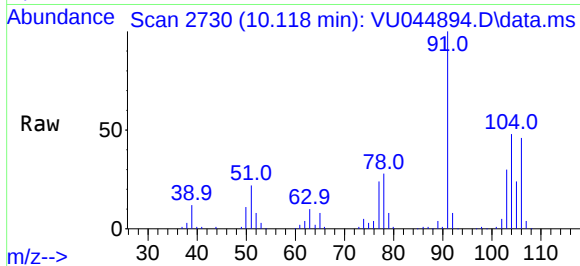




#70
Styrene
Concen: 6.862 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU044894.D
Acq: 27 Sep 2021 17:19

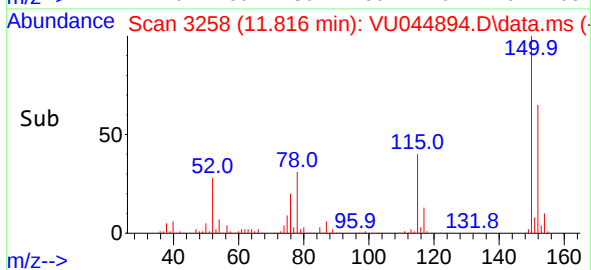
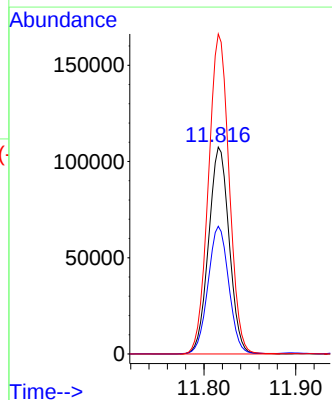
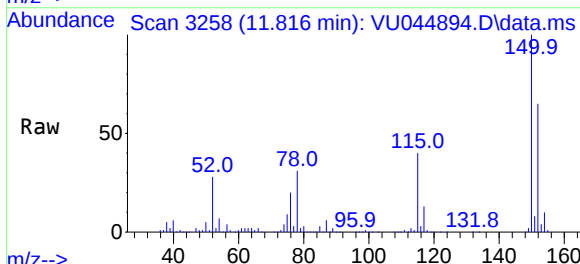
Instrument :
MSVOA_U
ClientSampled :
20897DL

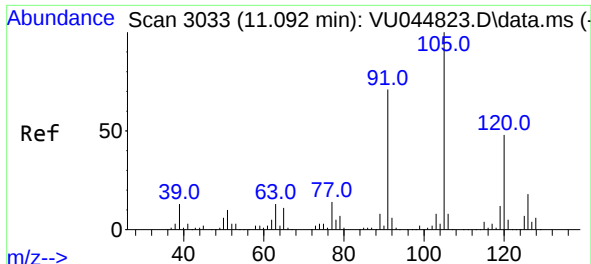
Tgt Ion:104 Resp: 51062
Ion Ratio Lower Upper
104 100
78 74.2 41.4 62.0#
103 74.0 43.5 65.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. -0.000 min
Lab File: VU044894.D
Acq: 27 Sep 2021 17:19

Tgt Ion:152 Resp: 167506
Ion Ratio Lower Upper
152 100
115 62.5 43.5 130.7
150 155.8 0.0 350.0

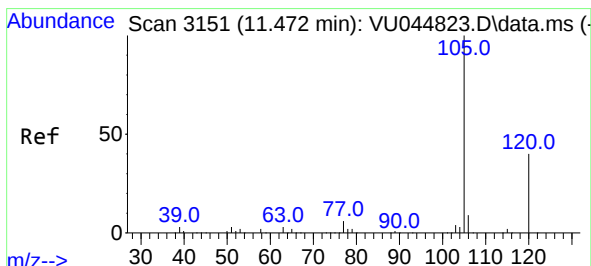
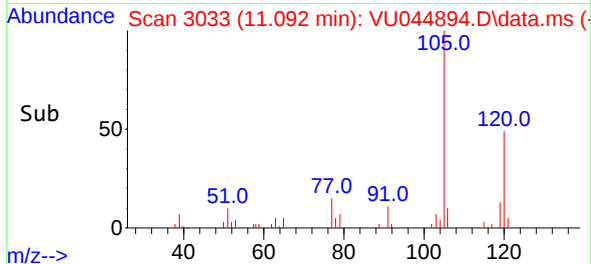
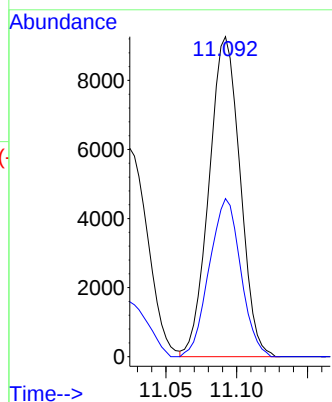
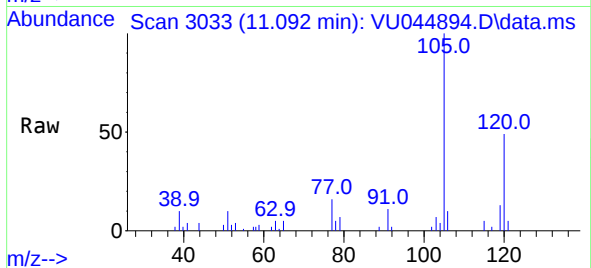




#80
1,3,5-Trimethylbenzene
Concen: 1.402 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU044894.D
Acq: 27 Sep 2021 17:19

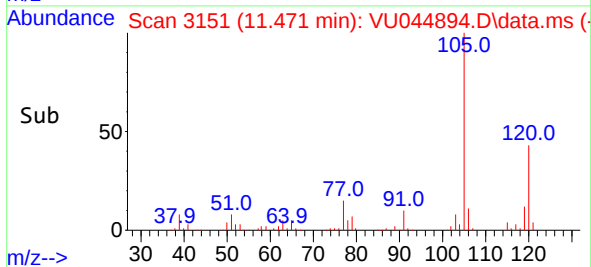
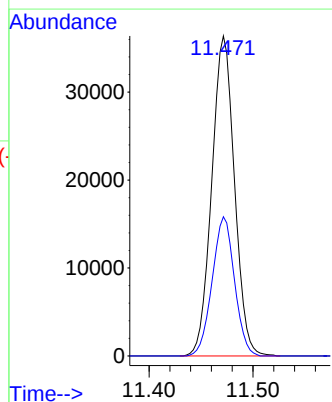
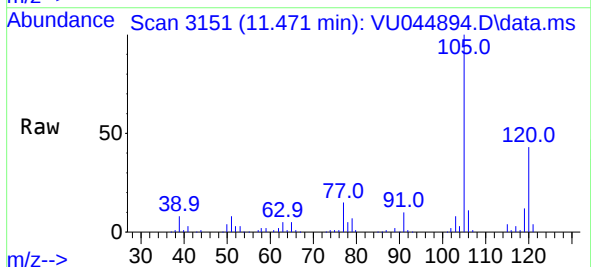
Instrument :
MSVOA_U
ClientSampleID :
20897DL

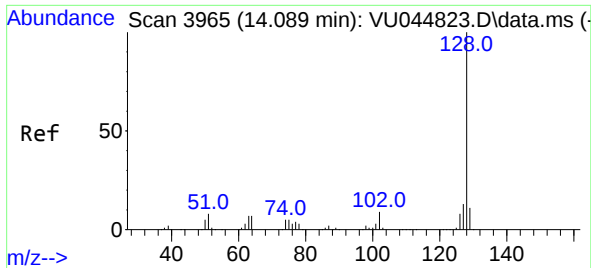
Tgt Ion:105 Resp: 14120
Ion Ratio Lower Upper
105 100
120 50.1 24.1 72.2



#84
1,2,4-Trimethylbenzene
Concen: 5.570 ug/l
RT: 11.471 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VU044894.D
Acq: 27 Sep 2021 17:19

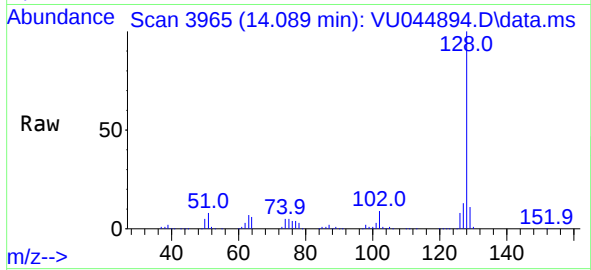
Tgt Ion:105 Resp: 55295
Ion Ratio Lower Upper
105 100
120 42.7 22.4 67.3





#95
Naphthalene
Concen: 35.455 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU044894.D
Acq: 27 Sep 2021 17:19

Instrument :
MSVOA_U
ClientSampleId :
20897DL



Tgt Ion:128 Resp: 451934
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 8.6 13.0

