

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092721\
 Data File : VU044898.D
 Acq On : 27 Sep 2021 18:52
 Operator : SY/MD
 Sample : M3888-11DL 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 40458DL

Quant Time: Sep 27 19:12:46 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)

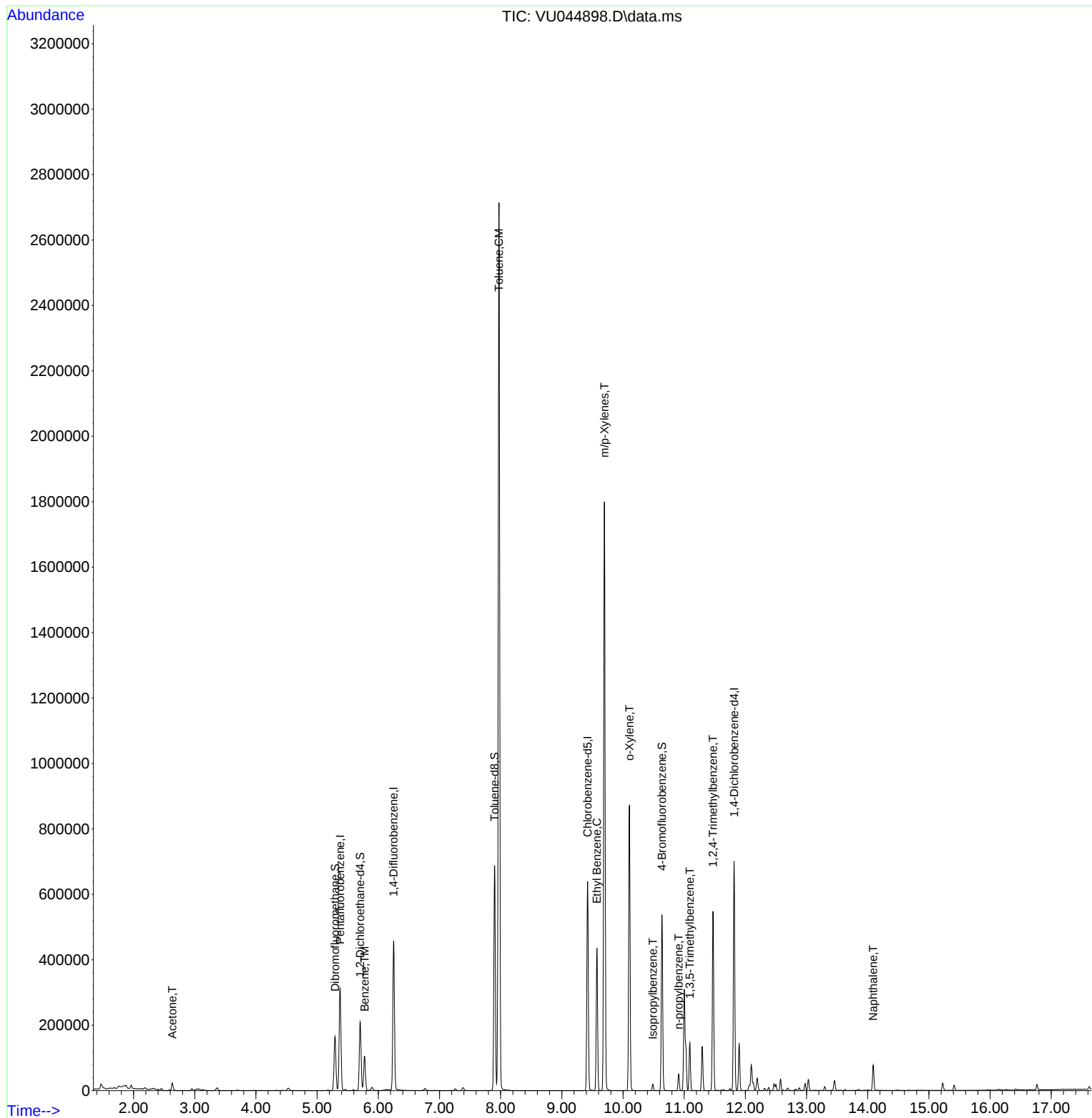
Internal Standards						
1) Pentafluorobenzene	5.375	168	197185	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	350428	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	327286	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	165353	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	155020	45.045	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.100%	
35) Dibromofluoromethane	5.292	113	105889	44.047	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.100%	
50) Toluene-d8	7.903	98	439108	48.363	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.720%	
62) 4-Bromofluorobenzene	10.636	95	178881	53.045	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.080%	
Target Compounds						
					Qvalue	
16) Acetone	2.633	43	26614	13.710	ug/l	97
40) Benzene	5.777	78	95938	8.463	ug/l	99
52) Toluene	7.973	92	1116773	164.780	ug/l	99
67) Ethyl Benzene	9.575	91	297287	24.514	ug/l	99
68) m/p-Xylenes	9.697	106	490544	105.761	ug/l	97
69) o-Xylene	10.105	106	226410	50.481	ug/l	99
73) Isopropylbenzene	10.488	105	12823	1.093	ug/l	99
78) n-propylbenzene	10.909	91	38188	2.685	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	77140	7.760	ug/l	99
84) 1,2,4-Trimethylbenzene	11.472	105	292066	29.801	ug/l	99
95) Naphthalene	14.089	128	61427	5.695	ug/l	100

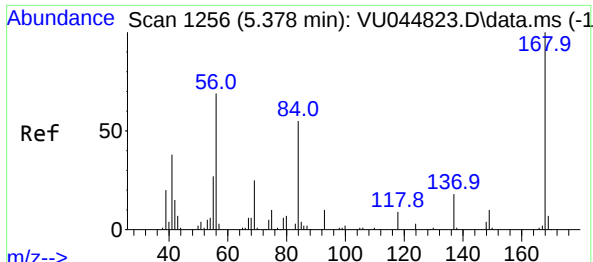
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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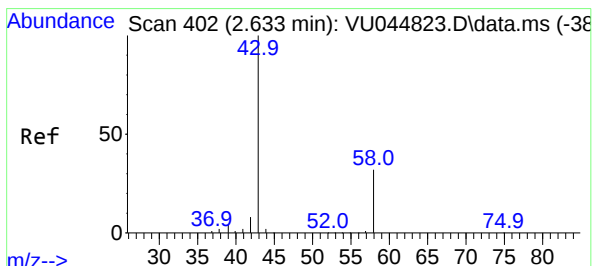
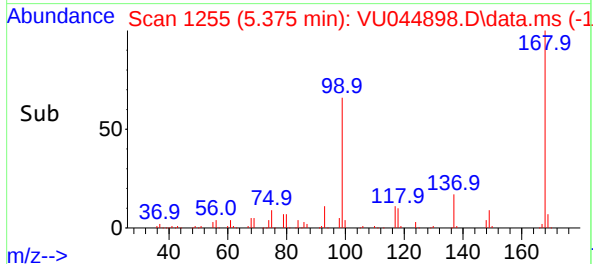
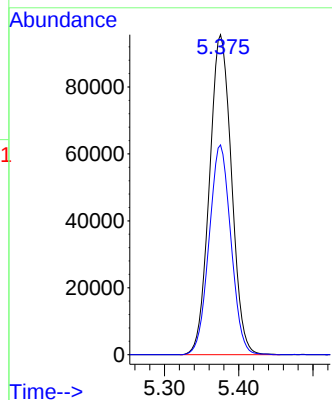
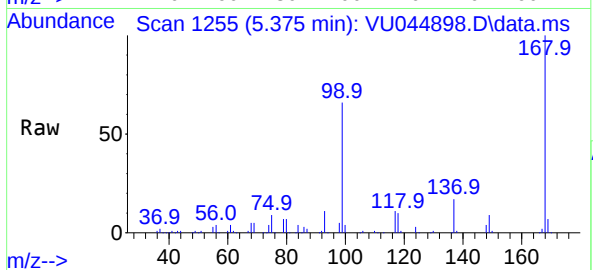




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.003 min
Lab File: VU044898.D
Acq: 27 Sep 2021 18:52

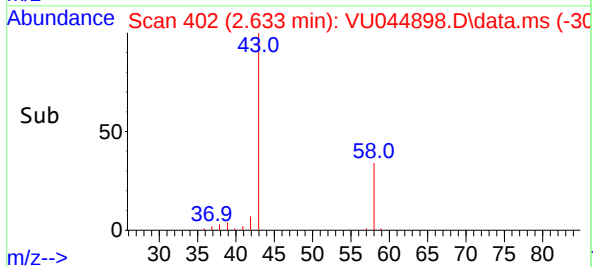
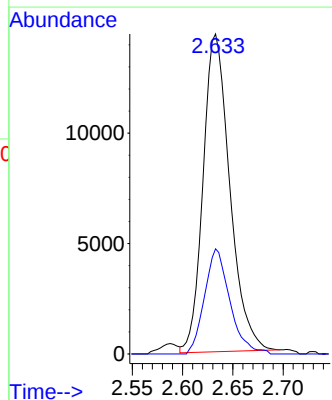
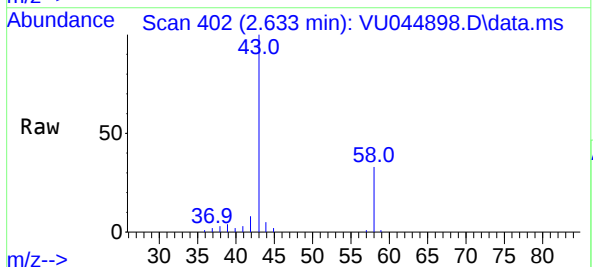
Instrument :
MSVOA_U
ClientSampled :
40458DL

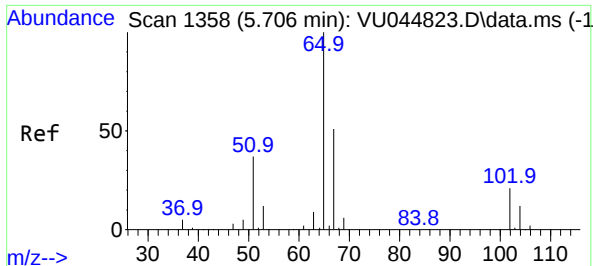
Tgt Ion:168 Resp: 197185
Ion Ratio Lower Upper
168 100
99 65.6 51.4 77.0



#16
Acetone
Concen: 13.710 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.000 min
Lab File: VU044898.D
Acq: 27 Sep 2021 18:52

Tgt Ion: 43 Resp: 26614
Ion Ratio Lower Upper
43 100
58 33.3 25.2 37.8

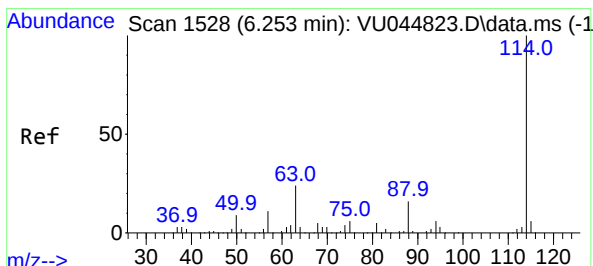
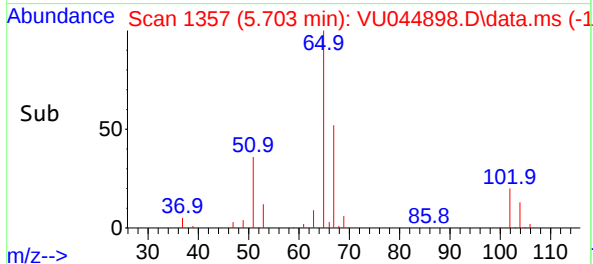
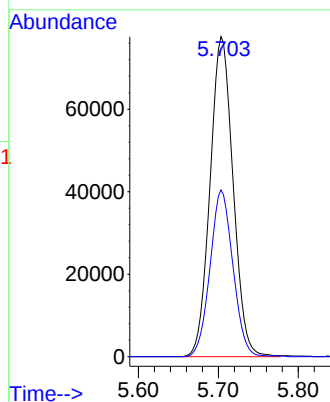
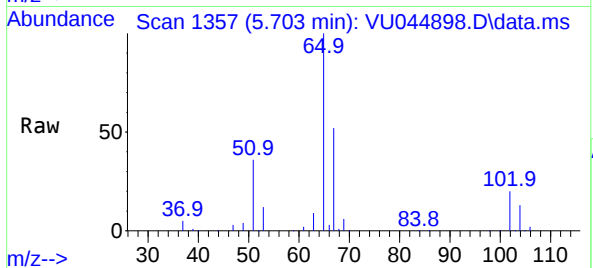




#33
1,2-Dichloroethane-d4
Concen: 45.045 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. -0.003 min
Lab File: VU044898.D
Acq: 27 Sep 2021 18:52

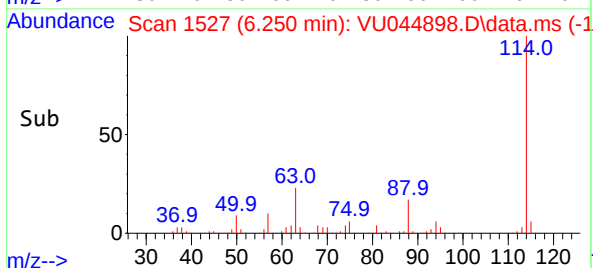
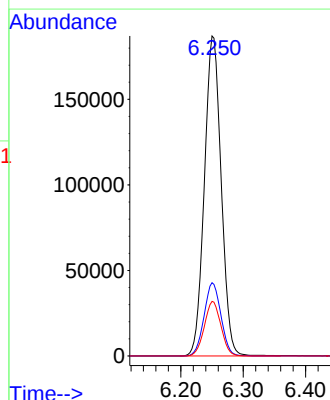
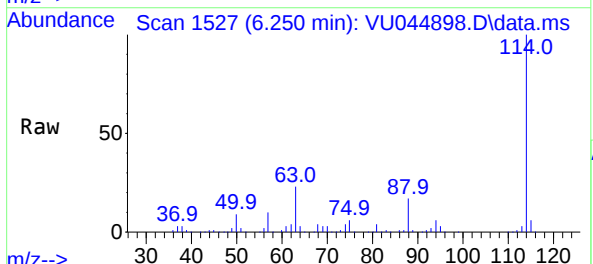
Instrument :
MSVOA_U
ClientSampled :
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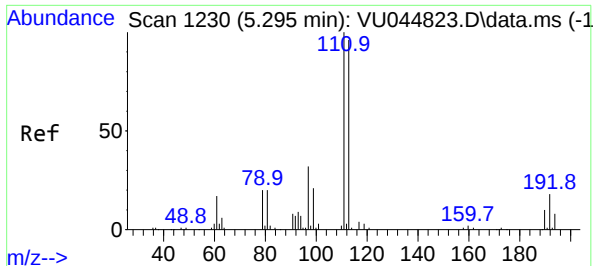
Tgt Ion: 65 Resp: 155020
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.250 min Scan# 1527
Delta R.T. -0.003 min
Lab File: VU044898.D
Acq: 27 Sep 2021 18:52

Tgt Ion: 114 Resp: 350428
Ion Ratio Lower Upper
114 100
63 22.9 0.0 47.8
88 17.0 0.0 32.8

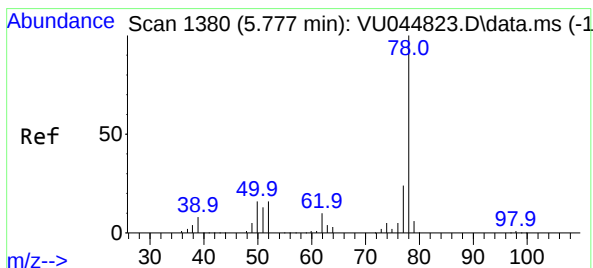
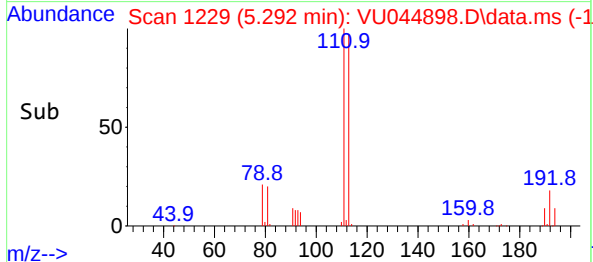
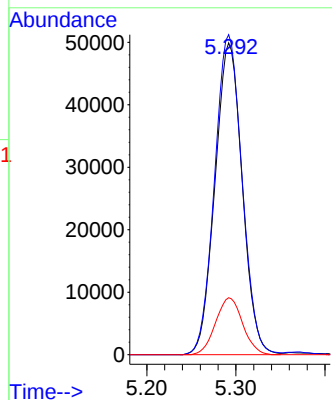
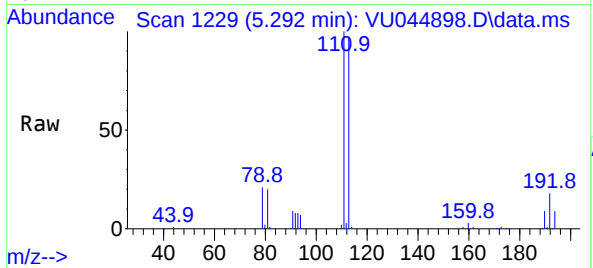




#35
Dibromofluoromethane
Concen: 44.047 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. -0.003 min
Lab File: VU044898.D
Acq: 27 Sep 2021 18:52

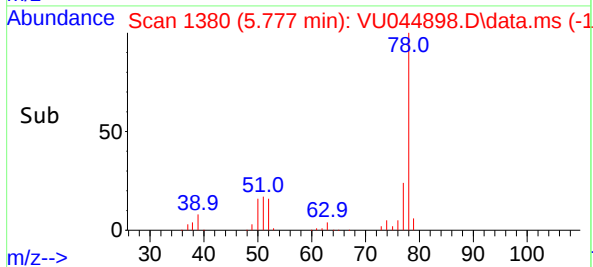
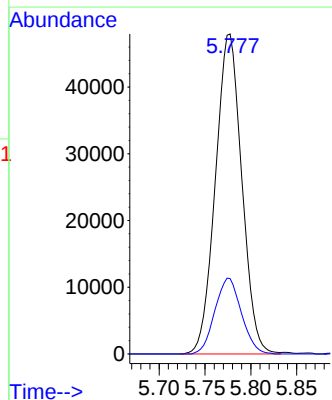
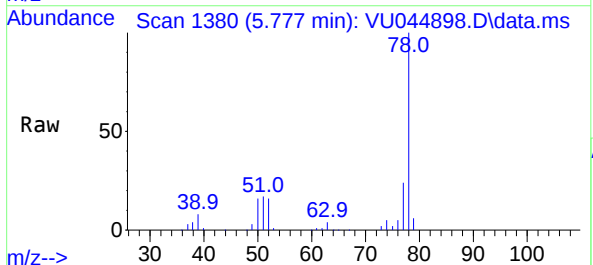
Instrument :
MSVOA_U
ClientSampled :
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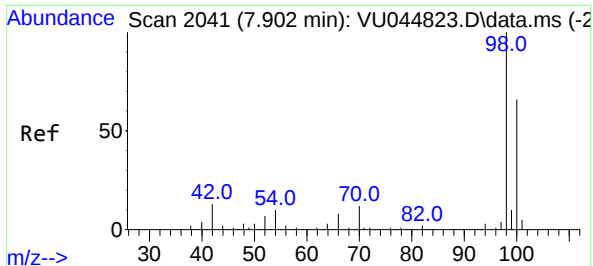
Tgt Ion:113 Resp: 105889
Ion Ratio Lower Upper
113 100
111 103.8 84.1 126.1
192 18.2 14.8 22.2



#40
Benzene
Concen: 8.463 ug/l
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU044898.D
Acq: 27 Sep 2021 18:52

Tgt Ion: 78 Resp: 95938
Ion Ratio Lower Upper
78 100
77 23.6 19.1 28.7

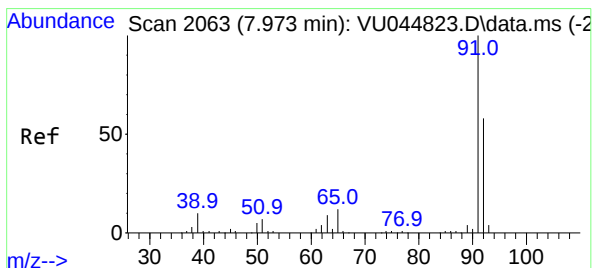
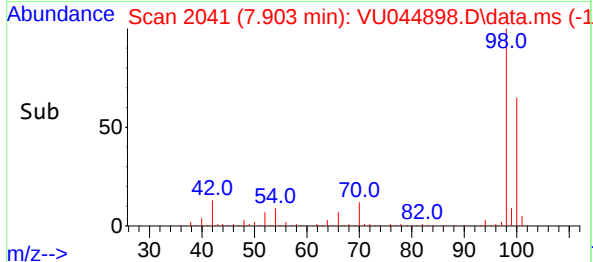
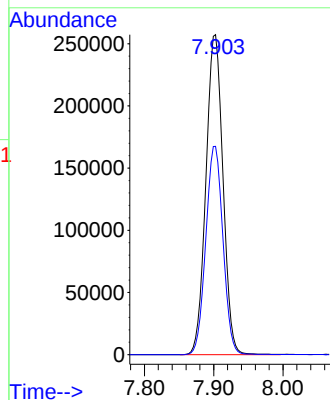
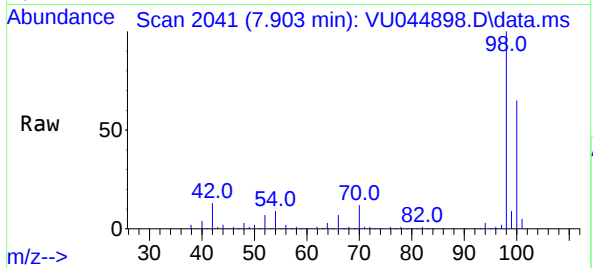




#50
Toluene-d8
Concen: 48.363 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU044898.D
Acq: 27 Sep 2021 18:52

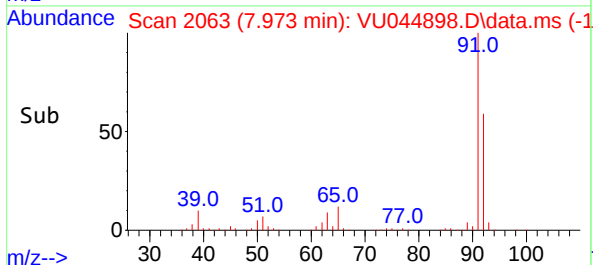
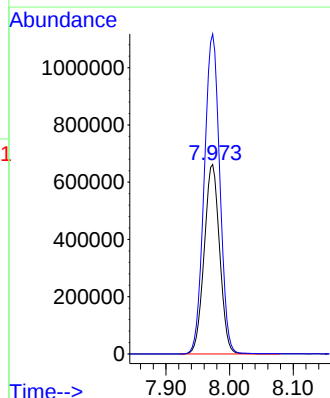
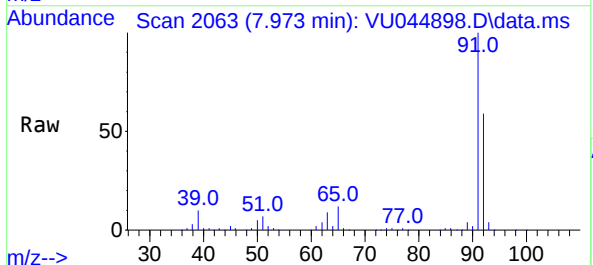
Instrument :
MSVOA_U
ClientSampleID :
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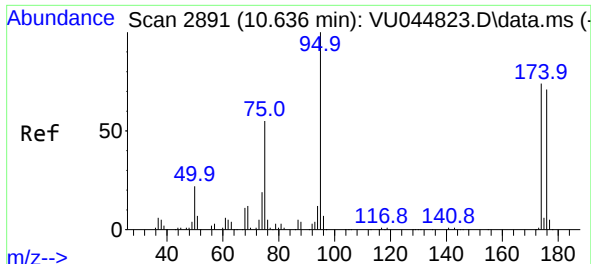
Tgt Ion: 98 Resp: 439108
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7



#52
Toluene
Concen: 164.780 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU044898.D
Acq: 27 Sep 2021 18:52

Tgt Ion: 92 Resp: 1116773
Ion Ratio Lower Upper
92 100
91 170.3 136.9 205.3

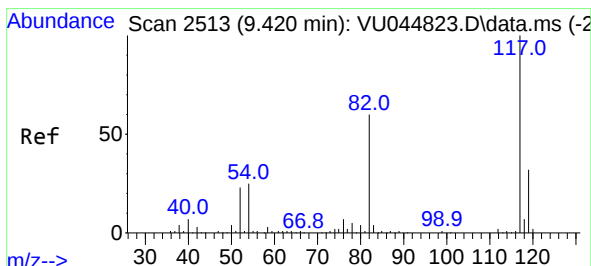
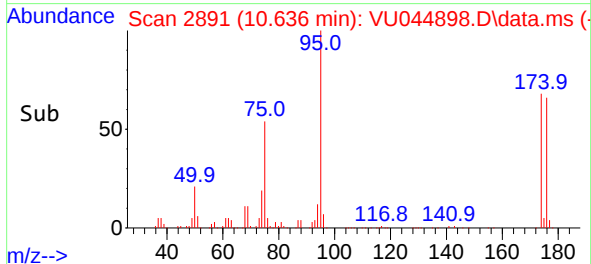
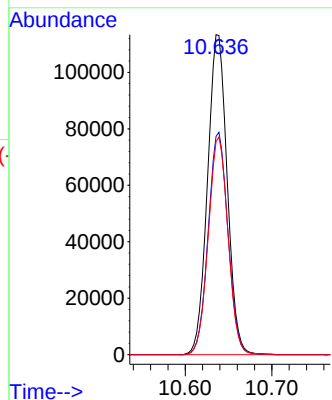
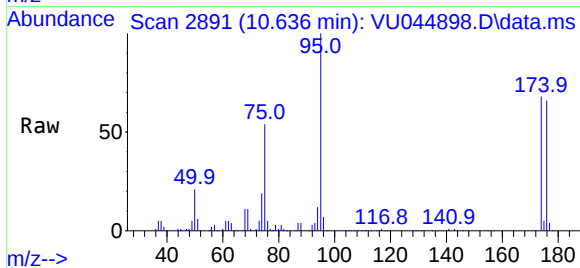




#62
4-Bromofluorobenzene
Concen: 53.045 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU044898.D
Acq: 27 Sep 2021 18:52

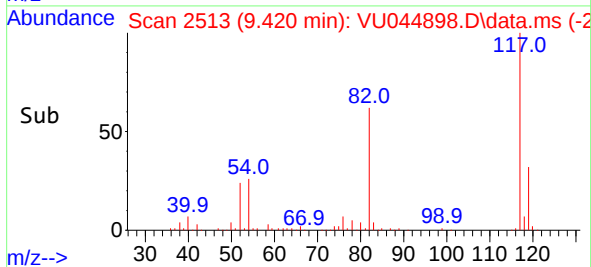
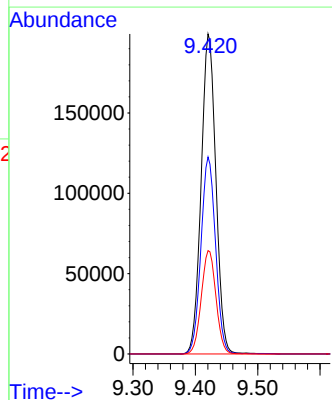
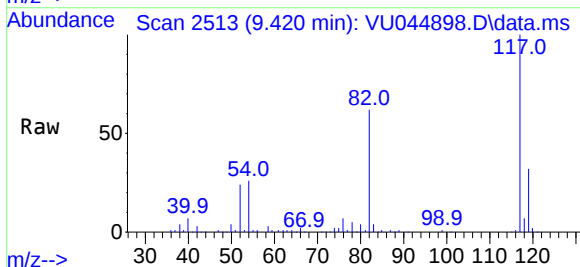
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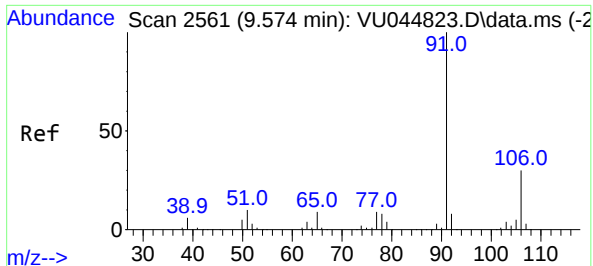
Tgt Ion: 95 Resp: 178881
Ion Ratio Lower Upper
95 100
174 69.8 0.0 146.6
176 68.0 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU044898.D
Acq: 27 Sep 2021 18:52

Tgt Ion: 117 Resp: 327286
Ion Ratio Lower Upper
117 100
82 61.6 47.8 71.8
119 32.3 25.8 38.6





#67

Ethyl Benzene

Concen: 24.514 ug/l

RT: 9.575 min Scan# 2561

Delta R.T. 0.000 min

Lab File: VU044898.D

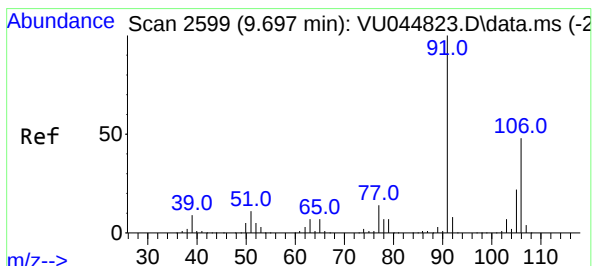
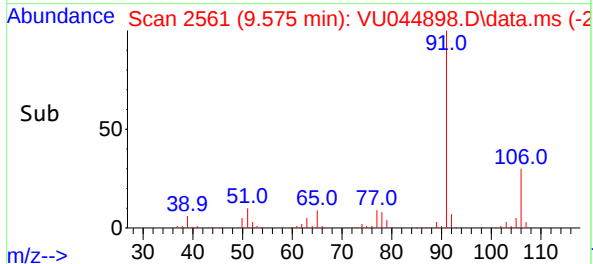
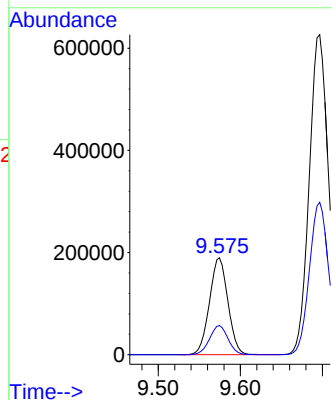
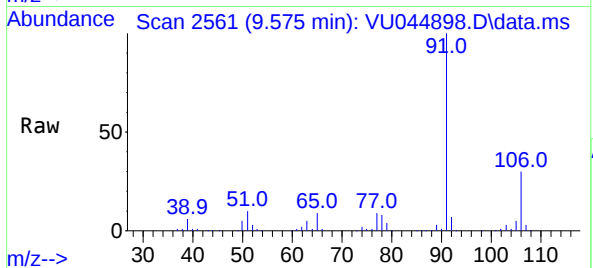
Acq: 27 Sep 2021 18:52

Tgt Ion: 91 Resp: 297287

Ion Ratio Lower Upper

91 100

106 30.0 24.3 36.5



#68

m/p-Xylenes

Concen: 105.761 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. 0.000 min

Lab File: VU044898.D

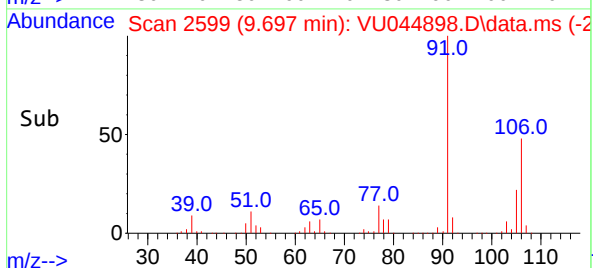
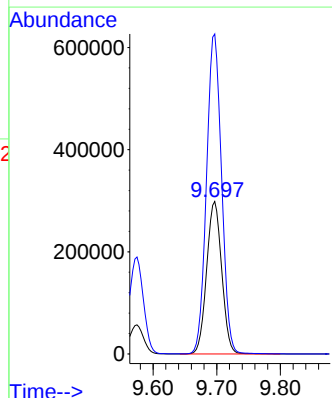
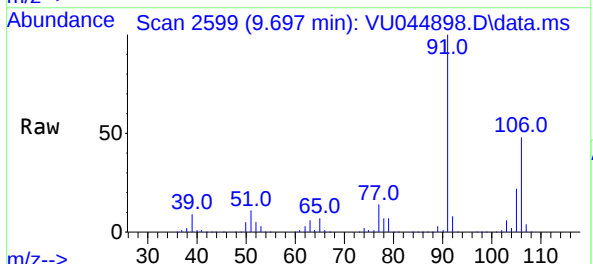
Acq: 27 Sep 2021 18:52

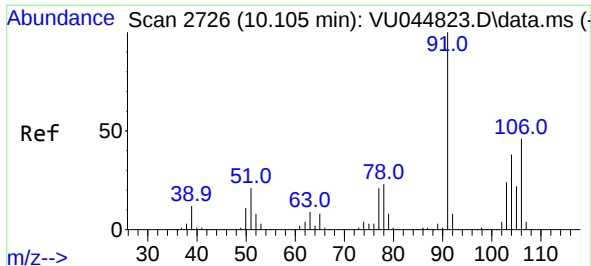
Tgt Ion:106 Resp: 490544

Ion Ratio Lower Upper

106 100

91 209.7 164.2 246.2

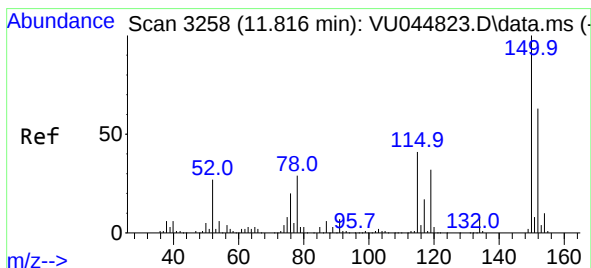
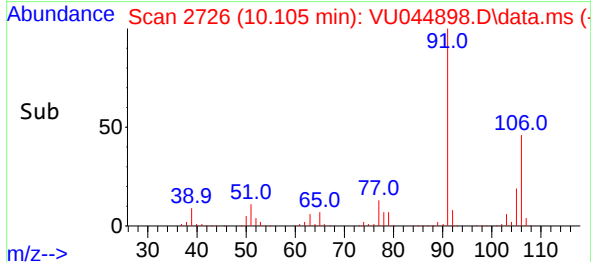
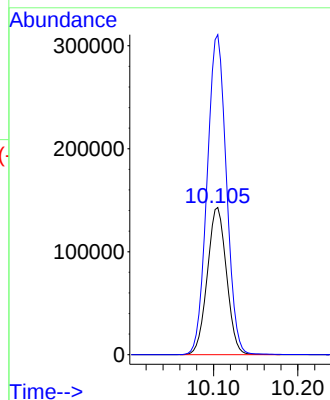
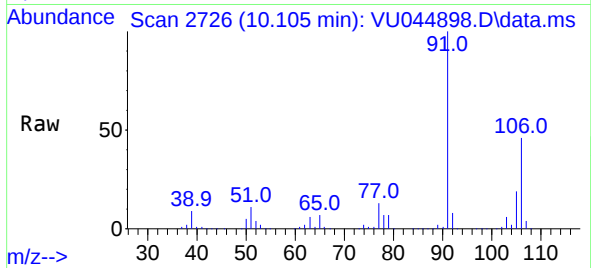




#69
o-Xylene
Concen: 50.481 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU044898.D
Acq: 27 Sep 2021 18:52

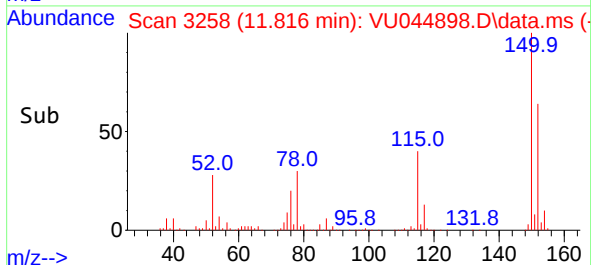
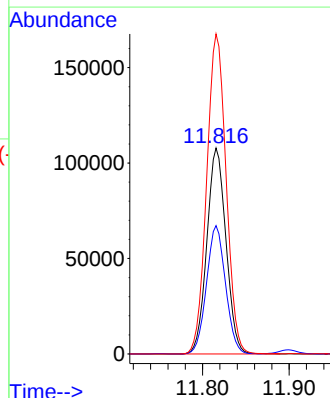
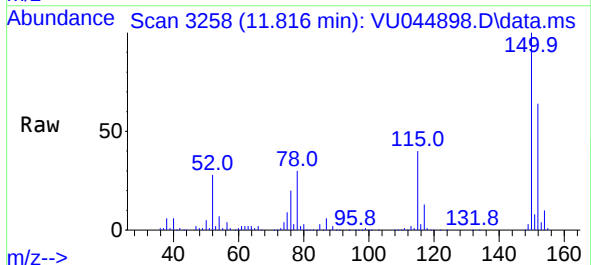
Instrument :
MSVOA_U
ClientSampled :
40458DL

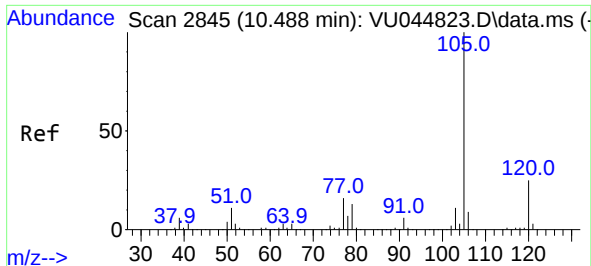
Tgt Ion:106 Resp: 226410
Ion Ratio Lower Upper
106 100
91 219.0 108.9 326.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.000 min
Lab File: VU044898.D
Acq: 27 Sep 2021 18:52

Tgt Ion:152 Resp: 165353
Ion Ratio Lower Upper
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115 62.0 43.5 130.7
150 157.6 0.0 350.0

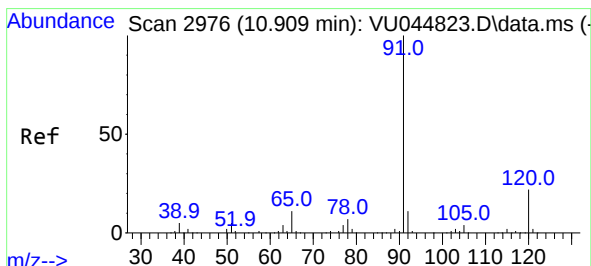
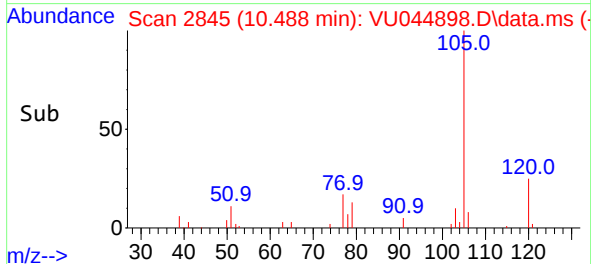
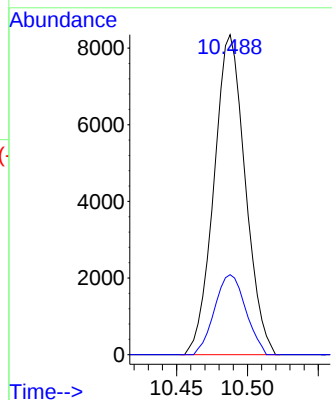
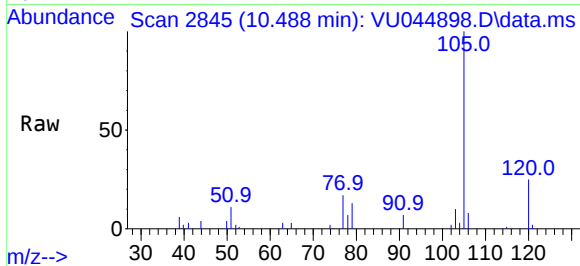




#73
Isopropylbenzene
Concen: 1.093 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU044898.D
Acq: 27 Sep 2021 18:52

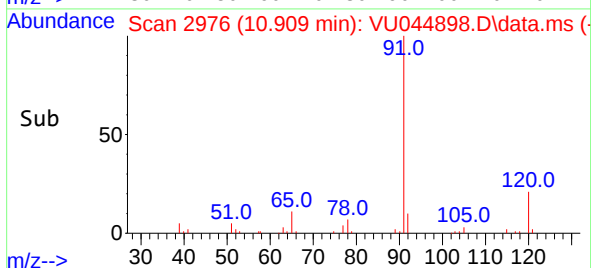
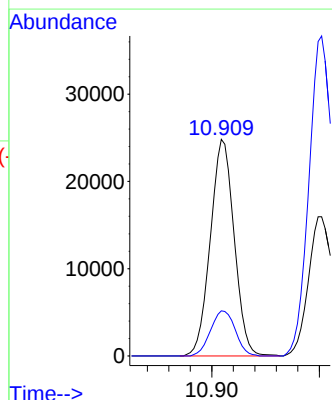
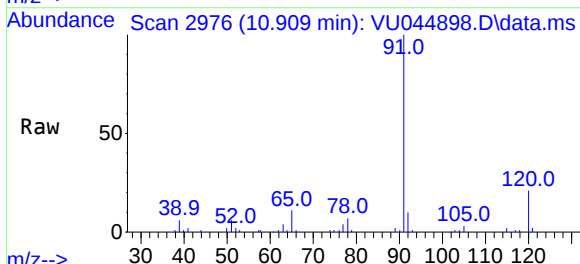
Instrument :
MSVOA_U
ClientSampled :
40458DL

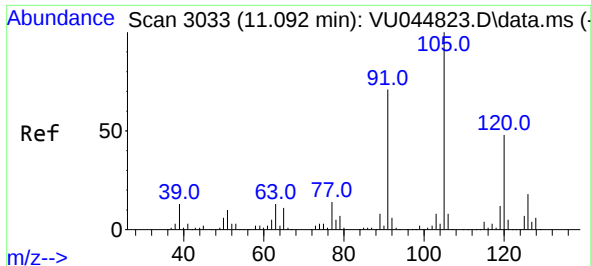
Tgt Ion:105 Resp: 12823
Ion Ratio Lower Upper
105 100
120 24.9 12.8 38.3



#78
n-propylbenzene
Concen: 2.685 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.000 min
Lab File: VU044898.D
Acq: 27 Sep 2021 18:52

Tgt Ion: 91 Resp: 38188
Ion Ratio Lower Upper
91 100
120 21.6 10.8 32.4

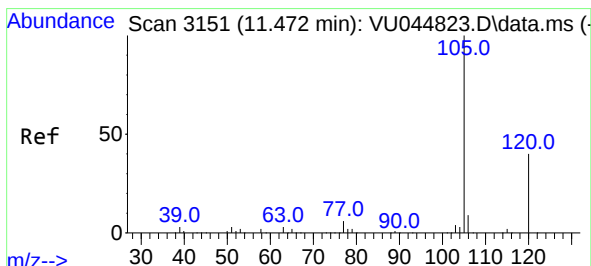
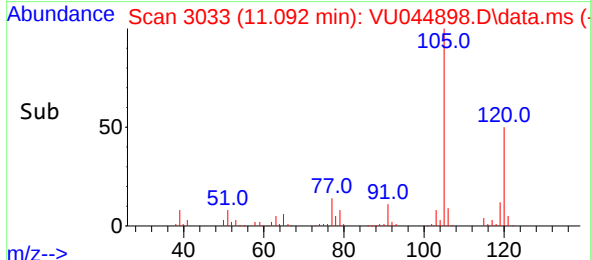
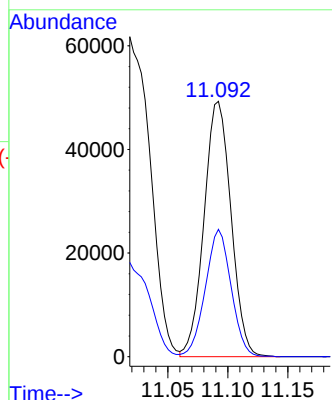
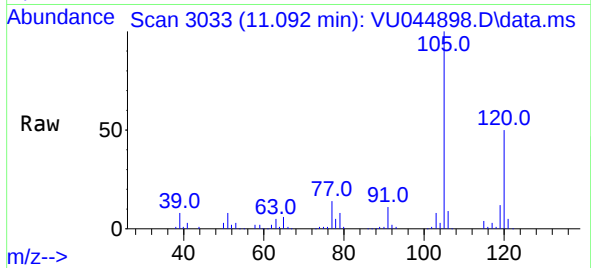




#80
1,3,5-Trimethylbenzene
Concen: 7.760 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU044898.D
Acq: 27 Sep 2021 18:52

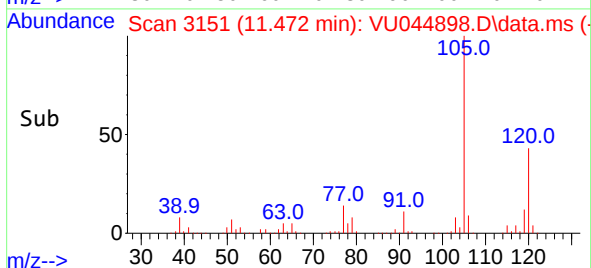
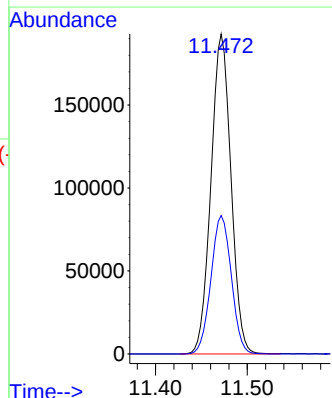
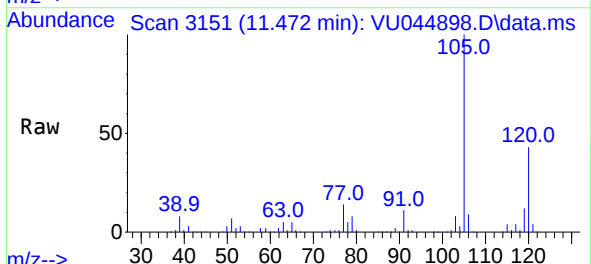
Instrument :
MSVOA_U
ClientSampled :
40458DL

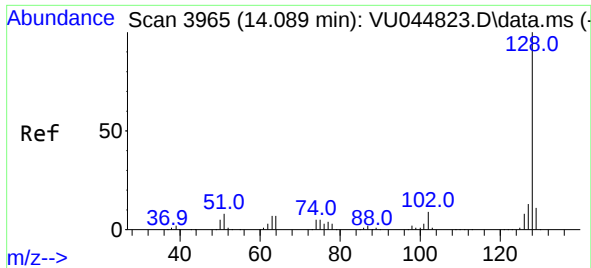
Tgt Ion:105 Resp: 77140
Ion Ratio Lower Upper
105 100
120 47.6 24.1 72.2



#84
1,2,4-Trimethylbenzene
Concen: 29.801 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU044898.D
Acq: 27 Sep 2021 18:52

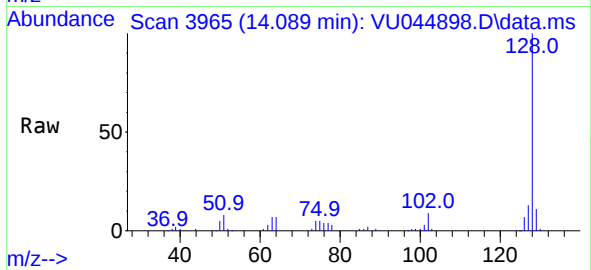
Tgt Ion:105 Resp: 292066
Ion Ratio Lower Upper
105 100
120 44.0 22.4 67.3





#95
Naphthalene
Concen: 5.695 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU044898.D
Acq: 27 Sep 2021 18:52

Instrument :
MSVOA_U
ClientSampleId :
40458DL



Tgt Ion:	128	Resp:	61427
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.5	8.6	13.0

