

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092521\
 Data File : VU044875.D
 Acq On : 26 Sep 2021 07:02
 Operator : SY/MD
 Sample : M3888-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 40458

Manual Integrations
 APPROVED

MMDadoda
 9/27/2021 11:03:18 AM

Quant Time: Sep 27 03:18:37 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	5.379	168	210819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	364270	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.424	117	383164	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	211221	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	162656	44.208	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.420%	
35) Dibromofluoromethane	5.295	113	112758	45.122	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.240%	
50) Toluene-d8	7.916	98	488443	51.753	ug/l	0.01
Spiked Amount 50.000			Recovery	=	103.500%	
62) 4-Bromofluorobenzene	10.639	95	218131	62.226	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.460%	
Target Compounds					Qvalue	
16) Acetone	2.630	43	2857015	1376.600	ug/l	100
19) Methyl tert-butyl Ether	3.369	73	686901	72.468	ug/l #	64
22) Diisopropyl ether	4.003	45	22390	2.300	ug/l #	77
25) 2-Butanone	4.713	43	13250	4.208	ug/l	96
31) Cyclohexane	5.392	56	355255	67.252	ug/l	97
39) Methylcyclohexane	6.768	83	213695	48.885	ug/l	97
40) Benzene	5.781	78	10344397	877.860	ug/l	98
52) Toluene	7.977	92	41005936m	5820.528	ug/l	
67) Ethyl Benzene	9.572	91	22544267m	1587.892	ug/l	
68) m/p-Xylenes	9.707	106	30990135m	5707.064	ug/l	
69) o-Xylene	10.118	106	21353832m	4066.812	ug/l	
73) Isopropylbenzene	10.491	105	1690498	112.764	ug/l	100
78) n-propylbenzene	10.912	91	5377135	296.011	ug/l	100
80) 1,3,5-Trimethylbenzene	11.099	105	9689614	763.047	ug/l	100
84) 1,2,4-Trimethylbenzene	11.472	105	21585234m	1724.183	ug/l	
85) sec-Butylbenzene	11.649	105	242808m	15.328	ug/l	
86) p-Isopropyltoluene	11.800	119	122952m	9.541	ug/l	
89) n-Butylbenzene	12.198	91	770700	57.855	ug/l #	13
95) Naphthalene	14.092	128	6509530	395.167	ug/l	99

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

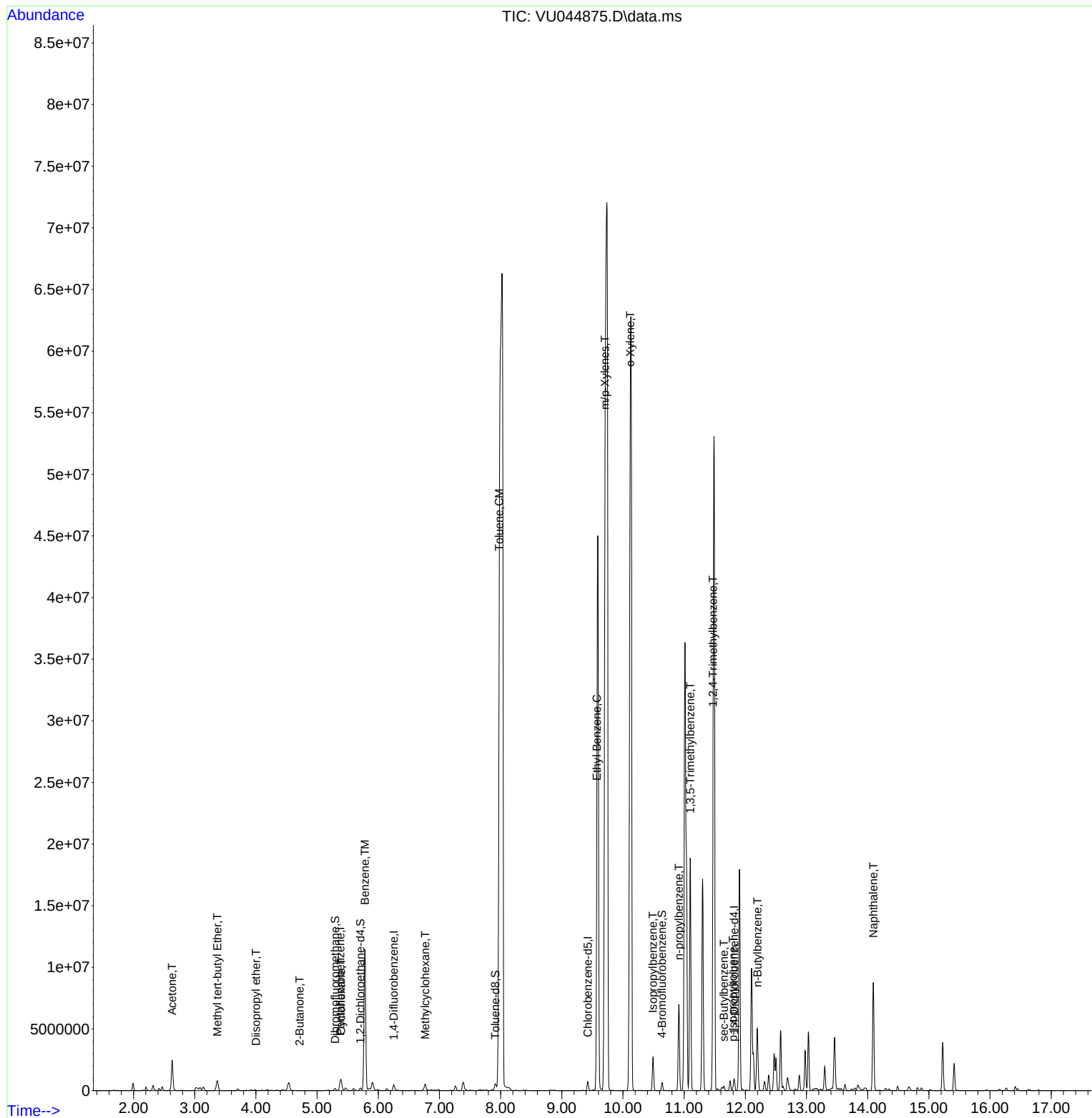
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092521\
Data File : VU044875.D
Acq On : 26 Sep 2021 07:02
Operator : SY/MD
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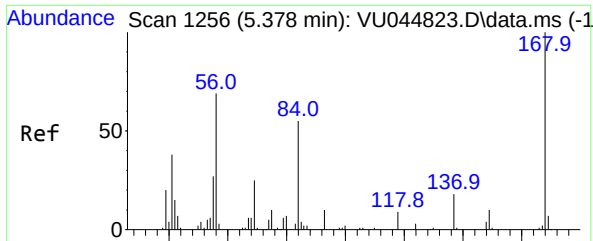
Instrument :
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ClientSampleId :
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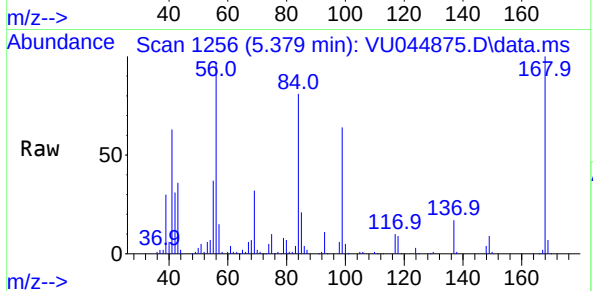
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9/27/2021 11:03:18 AM

Quant Time: Sep 27 03:18:37 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

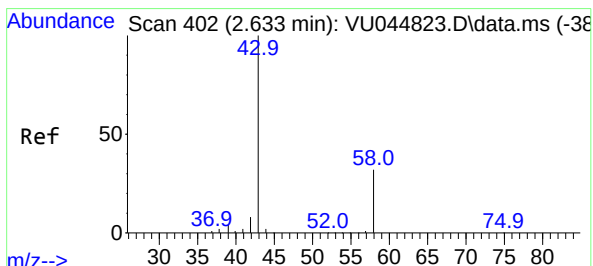
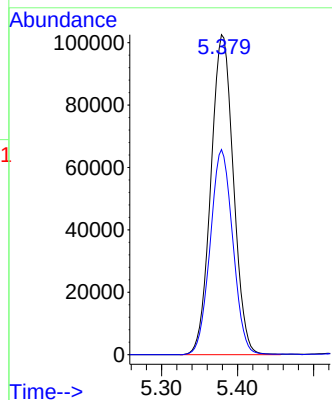
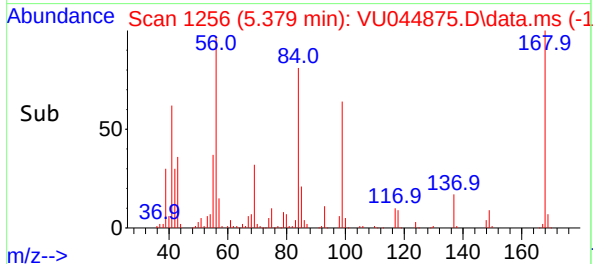




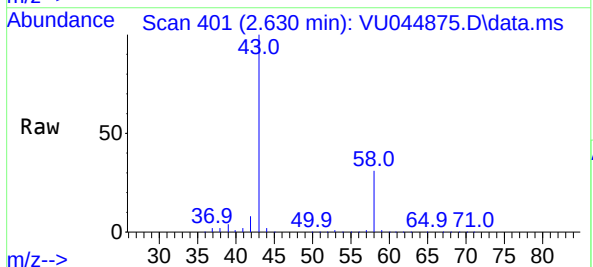
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. 0.001 min
Lab File: VU044875.D
Acq: 26 Sep 2021 07:02



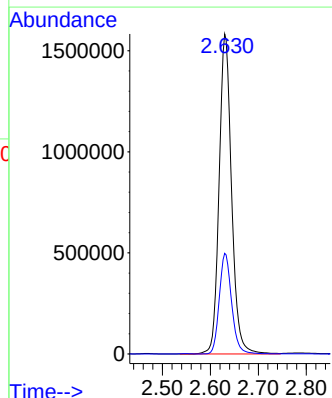
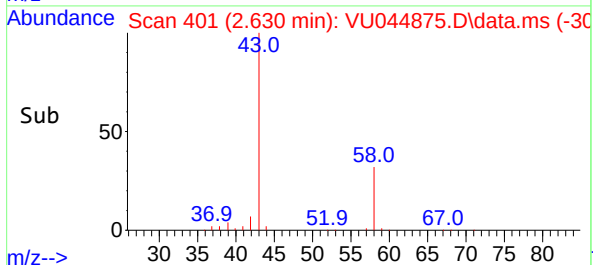
Tgt Ion:168 Resp: 210819
Ion Ratio Lower Upper
168 100
99 64.1 51.4 77.0



#16
Acetone
Concen: 1376.600 ug/l
RT: 2.630 min Scan# 401
Delta R.T. -0.003 min
Lab File: VU044875.D
Acq: 26 Sep 2021 07:02



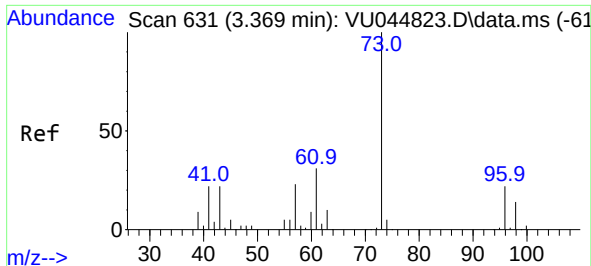
Tgt Ion: 43 Resp: 2857015
Ion Ratio Lower Upper
43 100
58 31.4 25.2 37.8



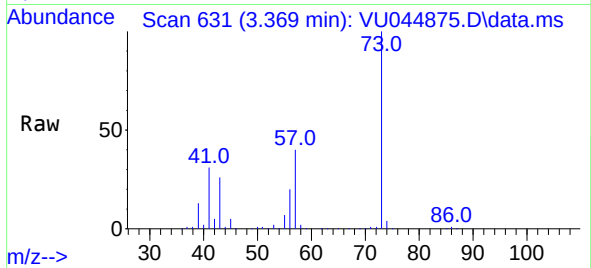
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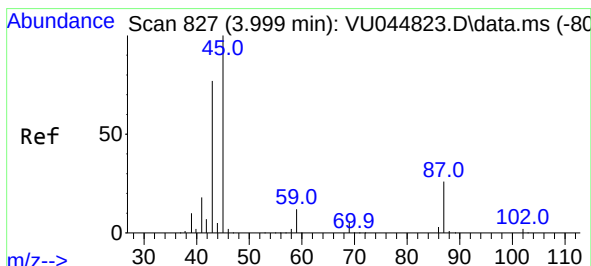
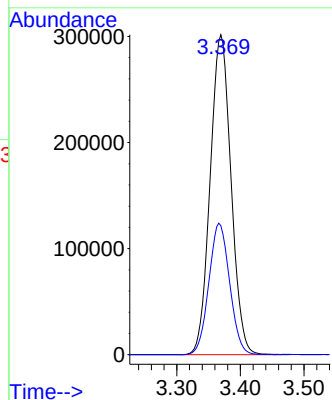
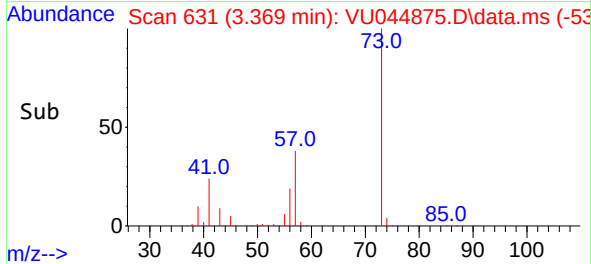
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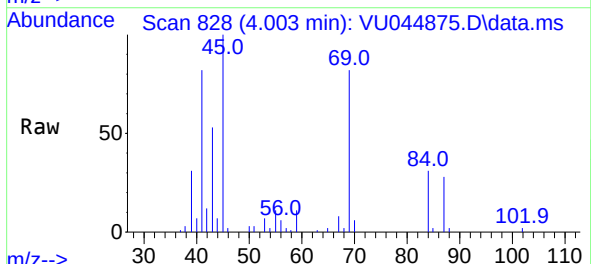
#19
Methyl tert-butyl Ether
Concen: 72.468 ug/l
RT: 3.369 min Scan# 631
Delta R.T. 0.000 min
Lab File: VU044875.D
Acq: 26 Sep 2021 07:02



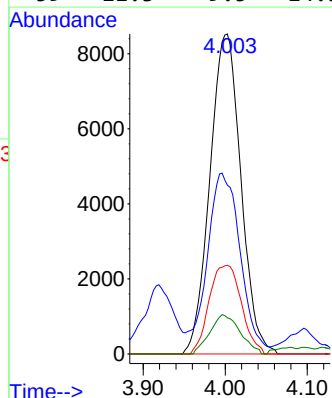
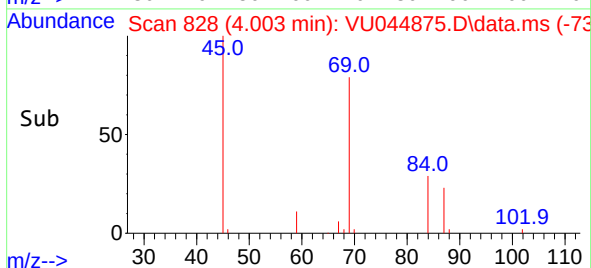
Tgt Ion: 73 Resp: 686901
Ion Ratio Lower Upper
73 100
57 40.3 18.2 27.2#



#22
Diisopropyl ether
Concen: 2.300 ug/l
RT: 4.003 min Scan# 828
Delta R.T. 0.004 min
Lab File: VU044875.D
Acq: 26 Sep 2021 07:02



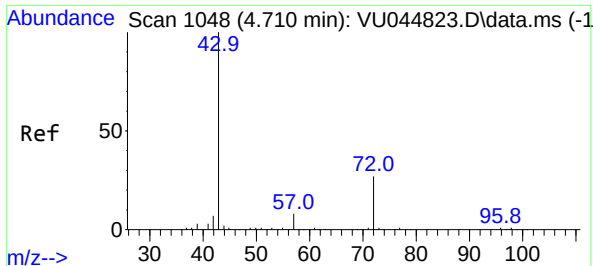
Tgt Ion: 45 Resp: 22390
Ion Ratio Lower Upper
45 100
43 49.4 62.3 93.5#
87 27.7 21.0 31.4
59 11.3 9.5 14.3



Instrument :
MSVOA_U
ClientSampled :
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#25

2-Butanone

Concen: 4.208 ug/l

RT: 4.713 min Scan# 1049

Delta R.T. 0.004 min

Lab File: VU044875.D

Acq: 26 Sep 2021 07:02

Tgt Ion: 43 Resp: 13250

Ion Ratio Lower Upper

43 100

72 28.5 21.3 31.9

Instrument :

MSVOA_U

ClientSampled :

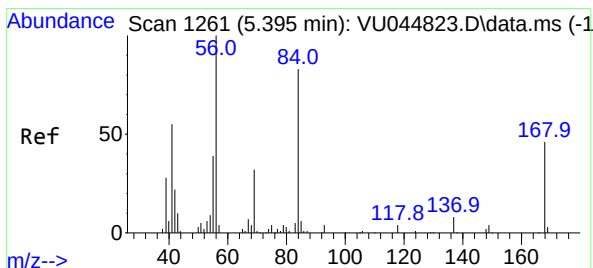
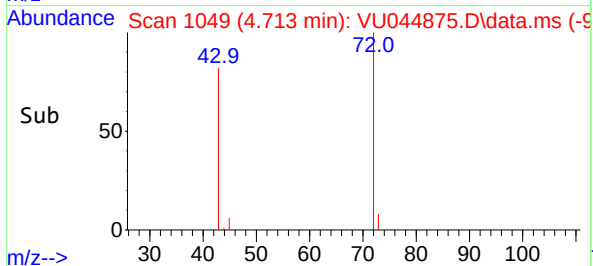
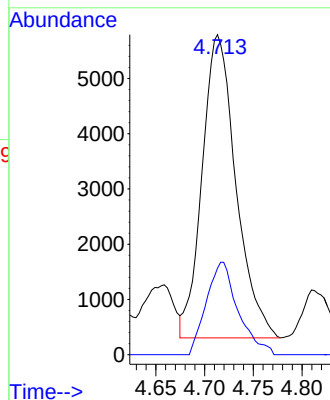
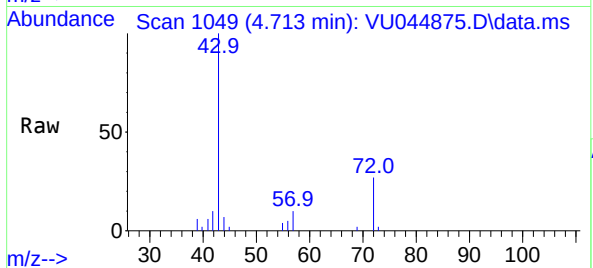
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#31

Cyclohexane

Concen: 67.252 ug/l

RT: 5.392 min Scan# 1260

Delta R.T. -0.003 min

Lab File: VU044875.D

Acq: 26 Sep 2021 07:02

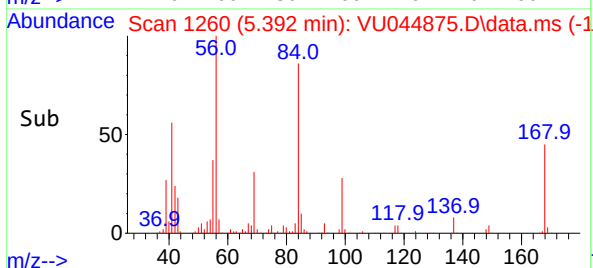
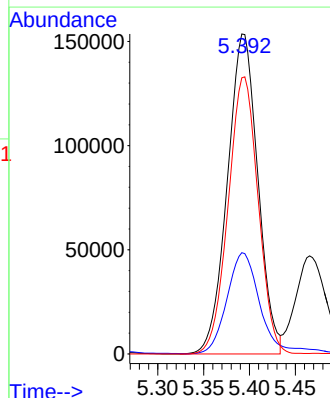
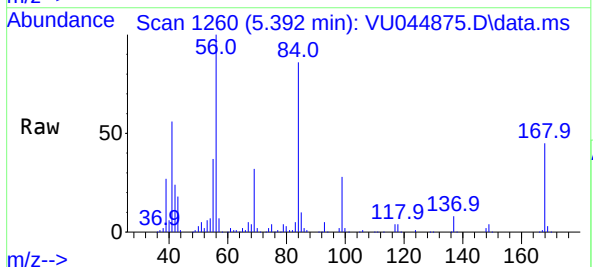
Tgt Ion: 56 Resp: 355255

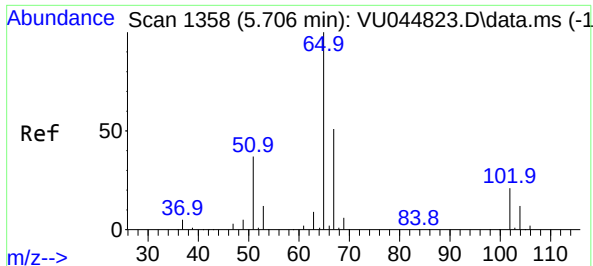
Ion Ratio Lower Upper

56 100

69 31.5 25.2 37.8

84 86.3 66.4 99.6





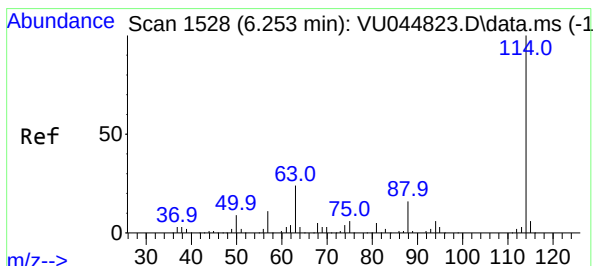
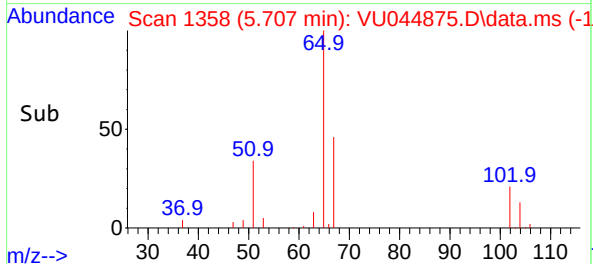
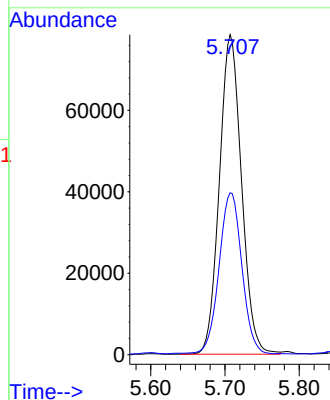
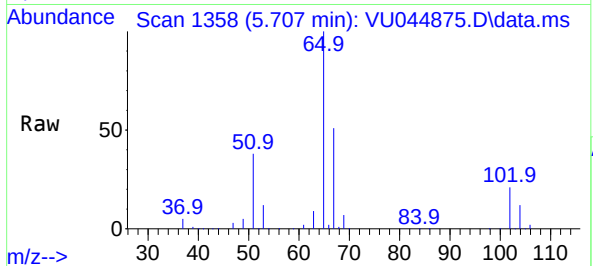
#33
1,2-Dichloroethane-d4
Concen: 44.208 ug/l
RT: 5.707 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VU044875.D
Acq: 26 Sep 2021 07:02

Tgt Ion: 65 Resp: 162656
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.8

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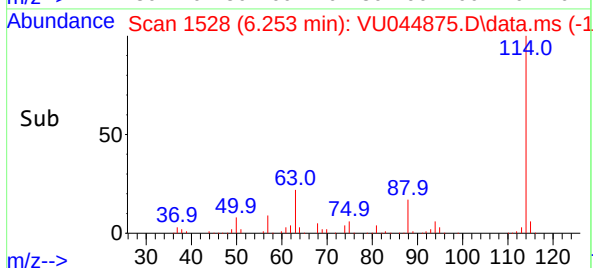
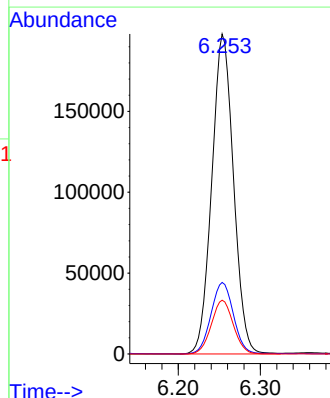
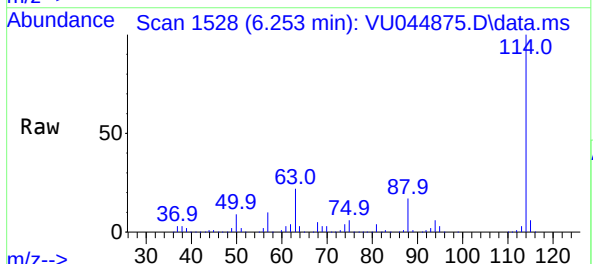
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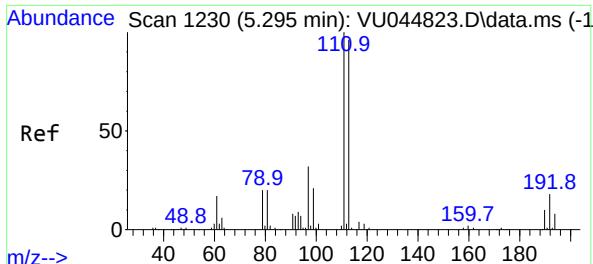
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#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VU044875.D
Acq: 26 Sep 2021 07:02

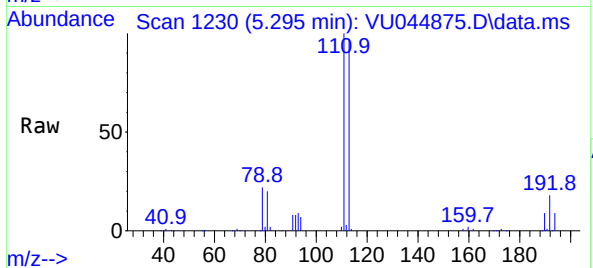
Tgt Ion: 114 Resp: 364270
Ion Ratio Lower Upper
114 100
63 22.4 0.0 47.8
88 16.8 0.0 32.8





#35
Dibromofluoromethane
Concen: 45.122 ug/l
RT: 5.295 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VU044875.D
Acq: 26 Sep 2021 07:02

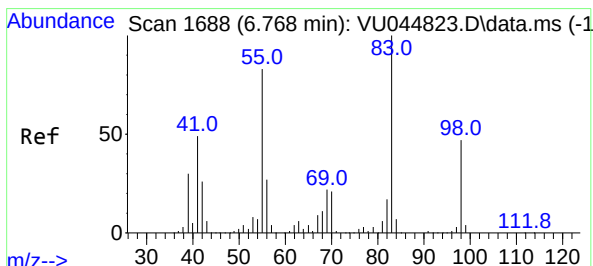
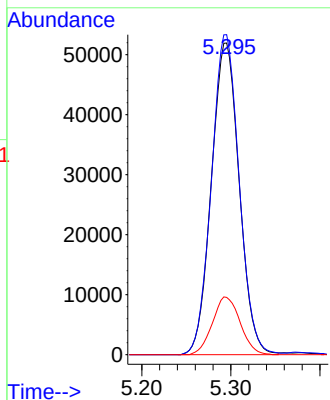
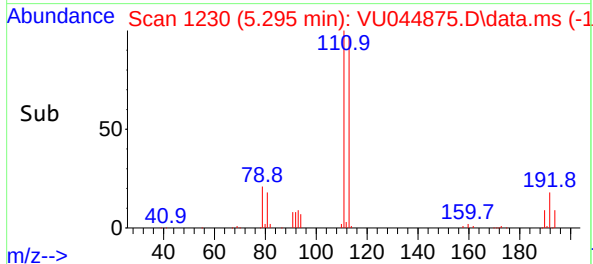
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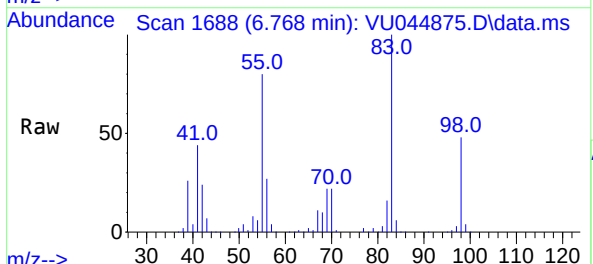
Tgt Ion:113 Resp: 112758
Ion Ratio Lower Upper
113 100
111 102.2 84.1 126.1
192 18.5 14.8 22.2

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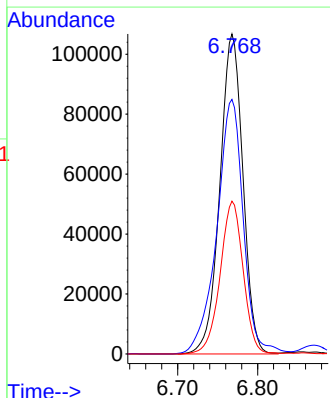
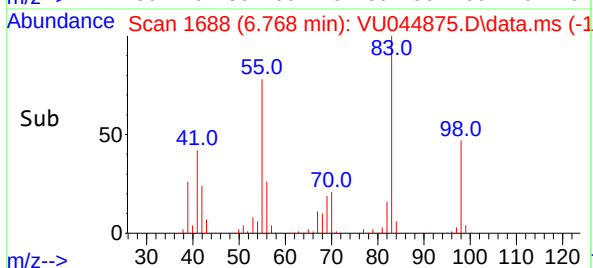
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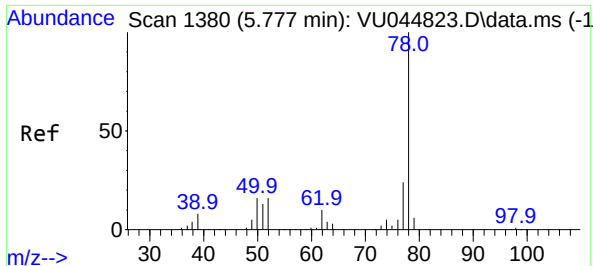


#39
Methylcyclohexane
Concen: 48.885 ug/l
RT: 6.768 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU044875.D
Acq: 26 Sep 2021 07:02



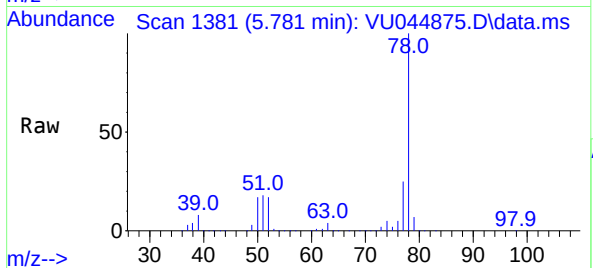
Tgt Ion: 83 Resp: 213695
Ion Ratio Lower Upper
83 100
55 79.4 66.2 99.4
98 47.7 37.5 56.3





#40
Benzene
Concen: 877.860 ug/l
RT: 5.781 min Scan# 1381
Delta R.T. 0.004 min
Lab File: VU044875.D
Acq: 26 Sep 2021 07:02

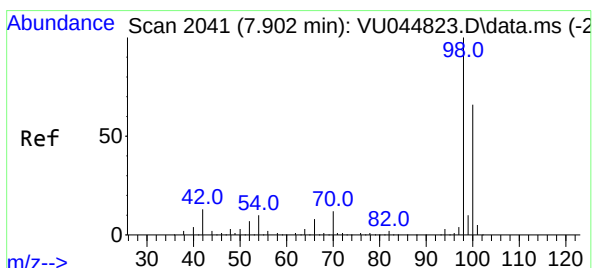
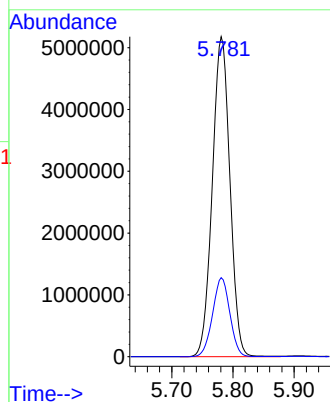
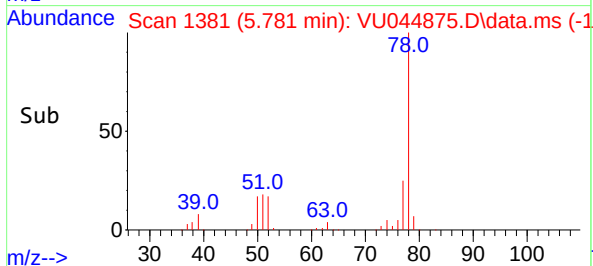
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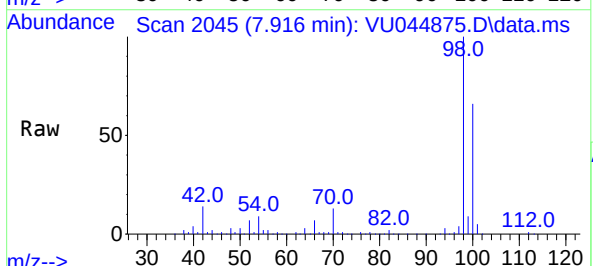
Tgt Ion: 78 Resp:10344397
Ion Ratio Lower Upper
78 100
77 24.7 19.1 28.7

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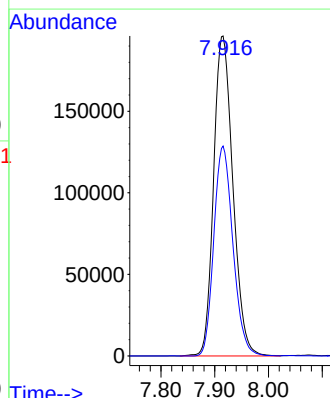
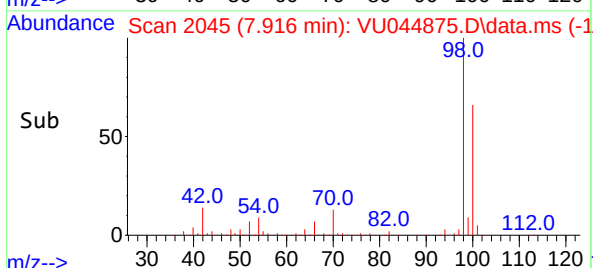
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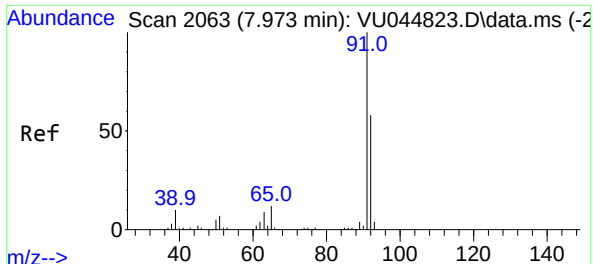


#50
Toluene-d8
Concen: 51.753 ug/l
RT: 7.916 min Scan# 2045
Delta R.T. 0.013 min
Lab File: VU044875.D
Acq: 26 Sep 2021 07:02



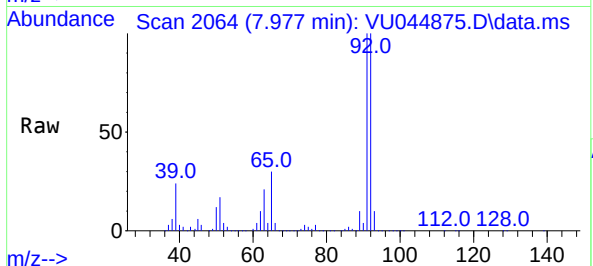
Tgt Ion: 98 Resp: 488443
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7





#52
Toluene
Concen: 5820.528 ug/l m
RT: 7.977 min Scan# 2064
Delta R.T. 0.004 min
Lab File: VU044875.D
Acq: 26 Sep 2021 07:02

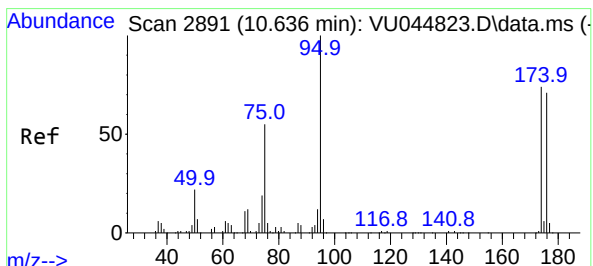
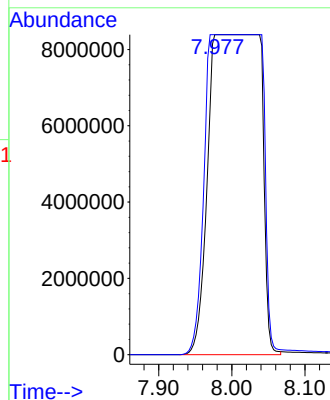
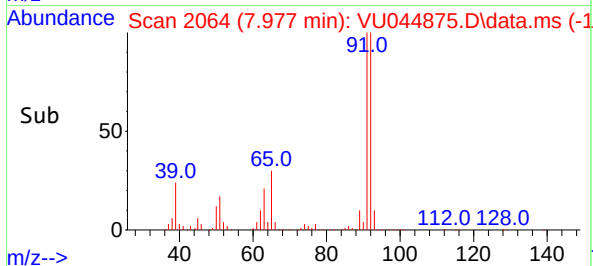
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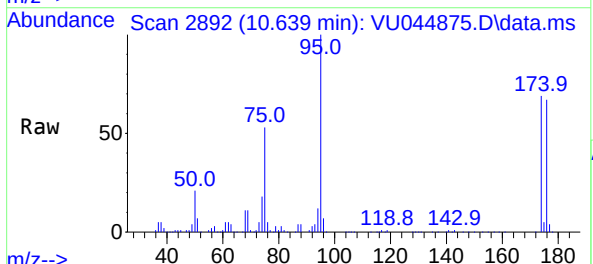
Tgt Ion: 92 Resp: 41005936
Ion Ratio Lower Upper
92 100
91 0.0 136.9 205.3#

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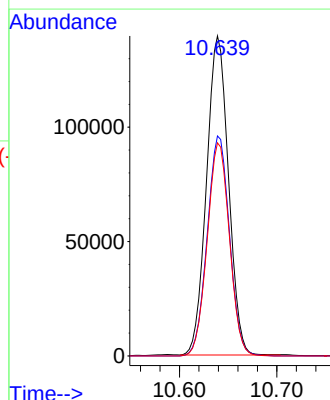
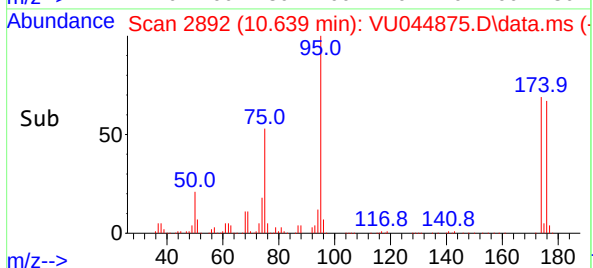
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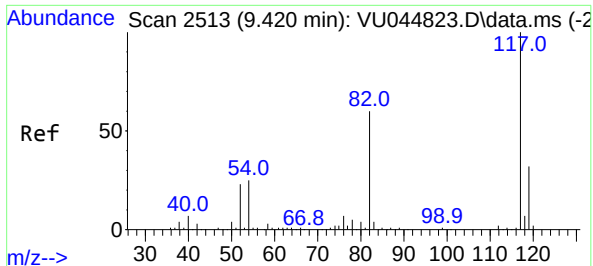


#62
4-Bromofluorobenzene
Concen: 62.226 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.004 min
Lab File: VU044875.D
Acq: 26 Sep 2021 07:02



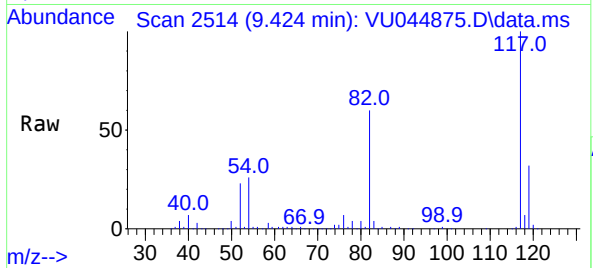
Tgt Ion: 95 Resp: 218131
Ion Ratio Lower Upper
95 100
174 70.1 0.0 146.6
176 67.6 0.0 141.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.424 min Scan# 2514
Delta R.T. 0.003 min
Lab File: VU044875.D
Acq: 26 Sep 2021 07:02

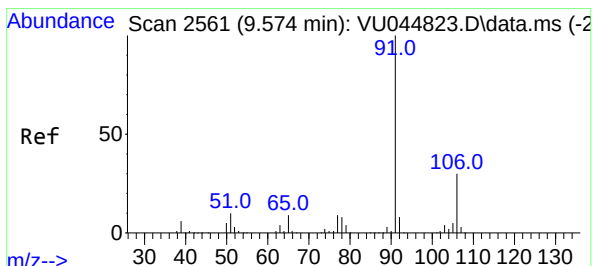
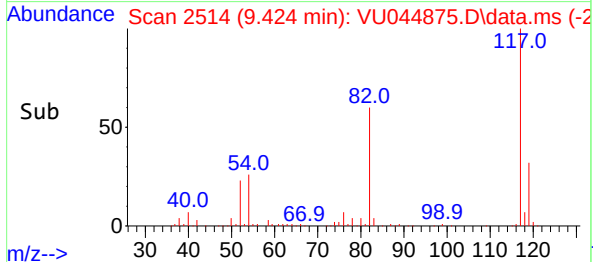
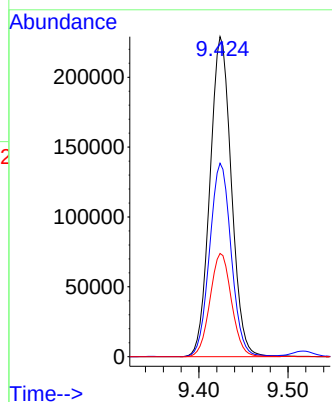
Instrument :
MSVOA_U
ClientSampled :
40458



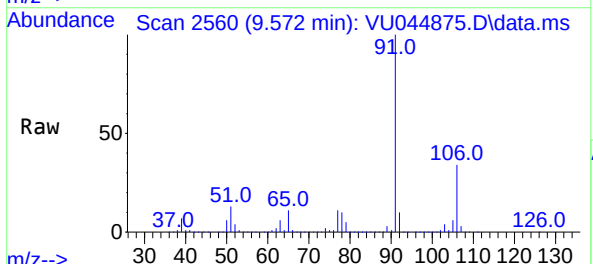
Tgt Ion:117 Resp: 383164
Ion Ratio Lower Upper
117 100
82 60.4 47.8 71.8
119 32.3 25.8 38.6

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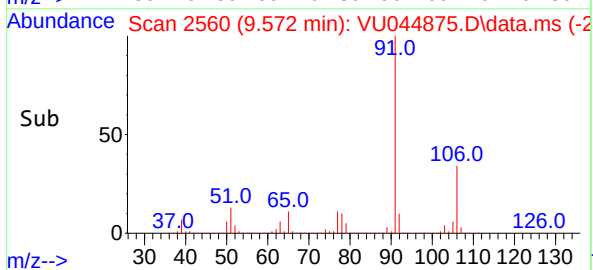
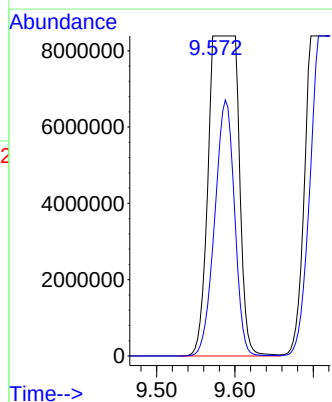
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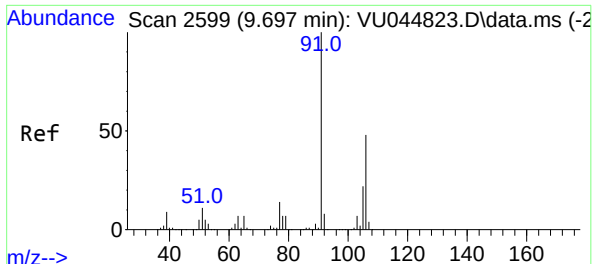


#67
Ethyl Benzene
Concen: 1587.892 ug/l m
RT: 9.572 min Scan# 2560
Delta R.T. -0.003 min
Lab File: VU044875.D
Acq: 26 Sep 2021 07:02



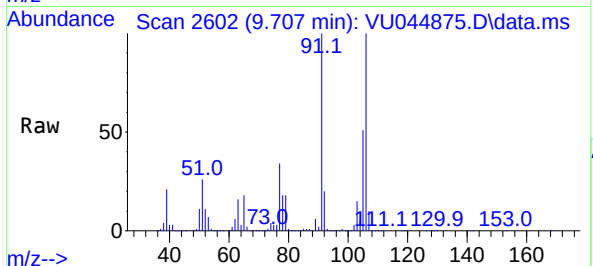
Tgt Ion: 91 Resp:22544267
Ion Ratio Lower Upper
91 100
106 34.1 24.3 36.5





#68
m/p-Xylenes
Concen: 5707.064 ug/l m
RT: 9.707 min Scan# 2602
Delta R.T. 0.010 min
Lab File: VU044875.D
Acq: 26 Sep 2021 07:02

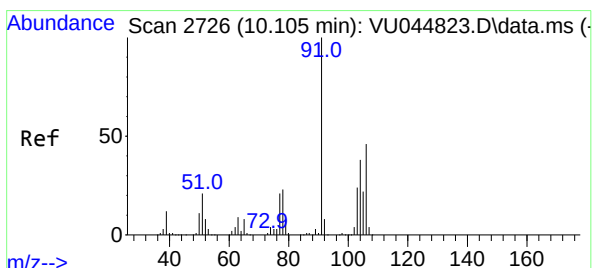
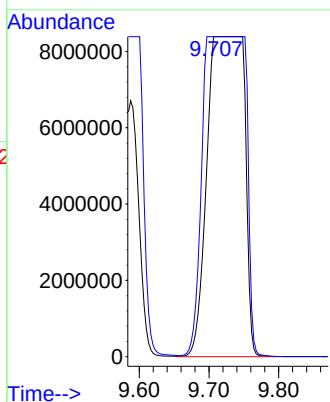
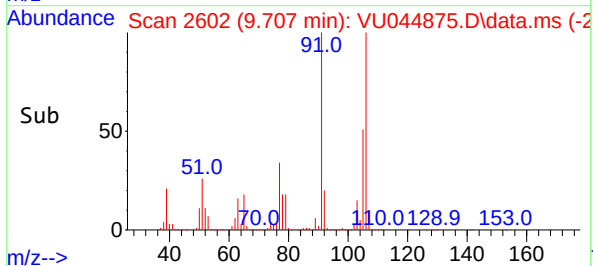
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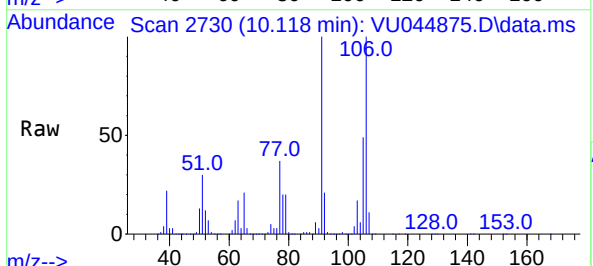
Tgt Ion:106 Resp:30990135
Ion Ratio Lower Upper
106 100
91 0.0 164.2 246.2#

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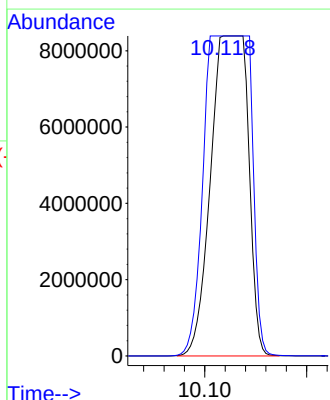
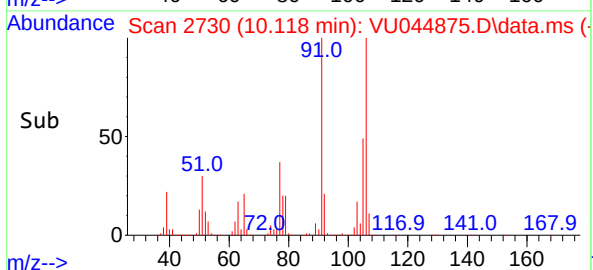
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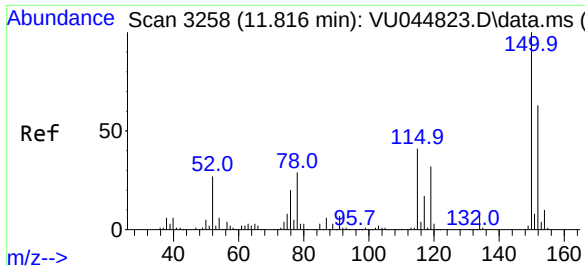


#69
o-Xylene
Concen: 4066.812 ug/l m
RT: 10.118 min Scan# 2730
Delta R.T. 0.013 min
Lab File: VU044875.D
Acq: 26 Sep 2021 07:02



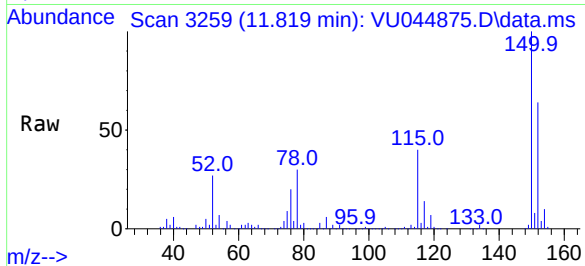
Tgt Ion:106 Resp:21353832
Ion Ratio Lower Upper
106 100
91 0.0 108.9 326.7#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. 0.004 min
Lab File: VU044875.D
Acq: 26 Sep 2021 07:02

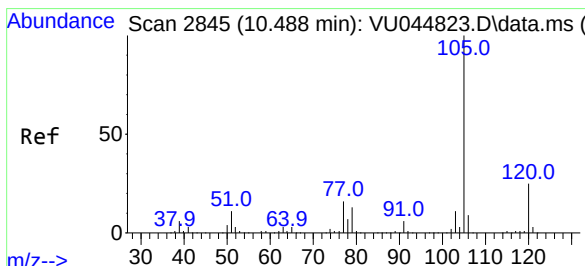
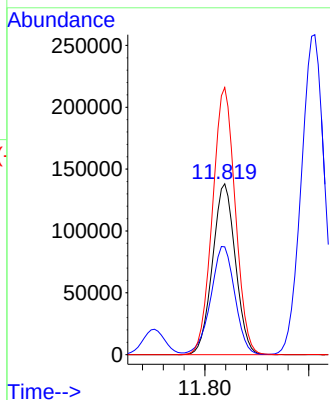
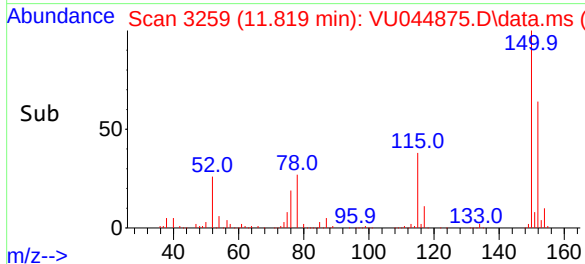
Instrument :
MSVOA_U
ClientSampled :
40458



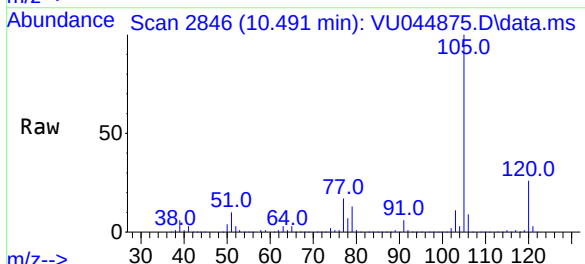
Tgt Ion:152 Resp: 211221
Ion Ratio Lower Upper
152 100
115 66.4 43.5 130.7
150 155.9 0.0 350.0

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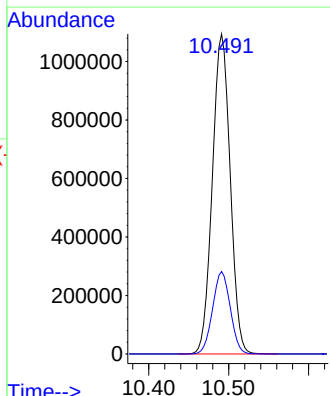
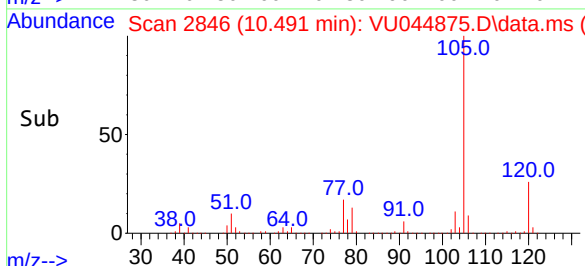
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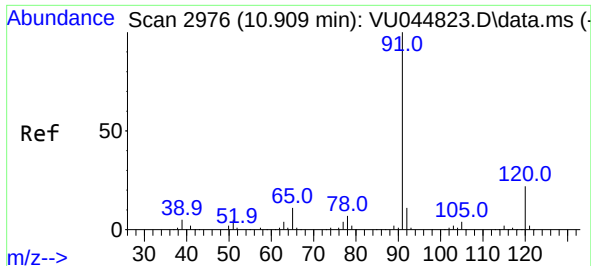


#73
Isopropylbenzene
Concen: 112.764 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. 0.004 min
Lab File: VU044875.D
Acq: 26 Sep 2021 07:02



Tgt Ion:105 Resp: 1690498
Ion Ratio Lower Upper
105 100
120 25.5 12.8 38.3





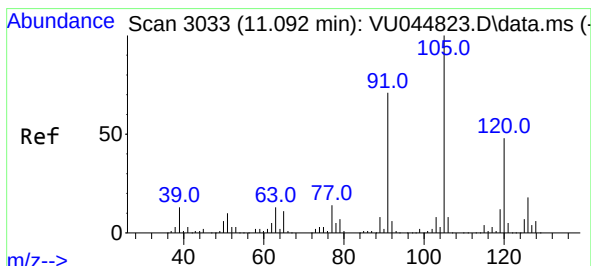
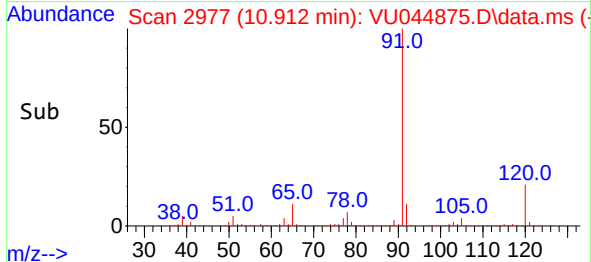
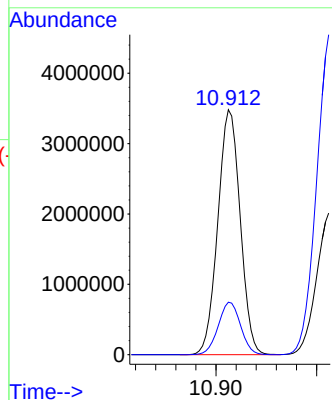
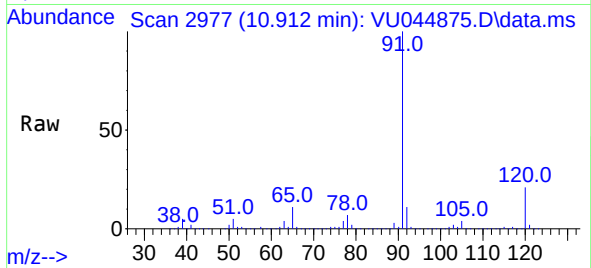
#78
n-propylbenzene
Concen: 296.011 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. 0.004 min
Lab File: VU044875.D
Acq: 26 Sep 2021 07:02

Tgt Ion: 91 Resp: 5377135
Ion Ratio Lower Upper
91 100
120 21.4 10.8 32.4

Instrument :
MSVOA_U
ClientSampled :
40458

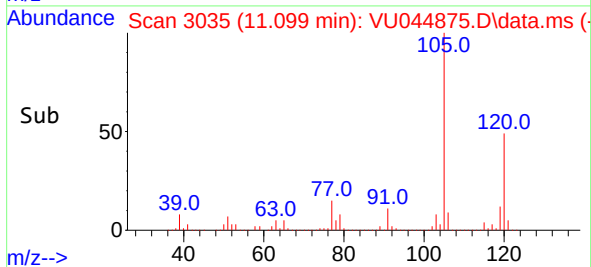
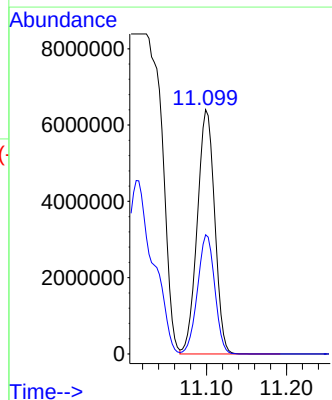
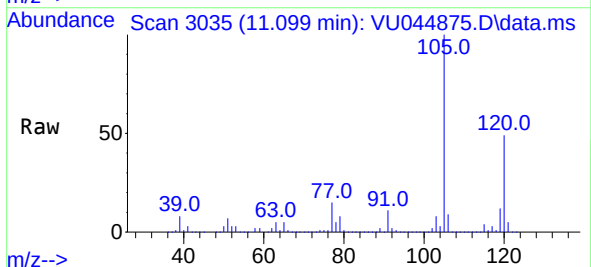
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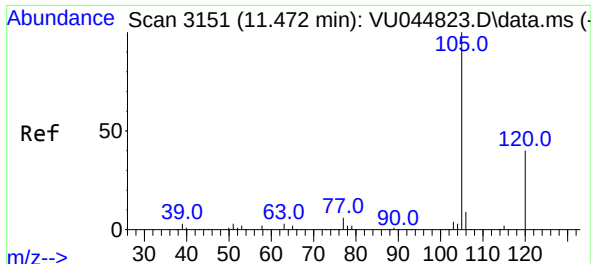
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#80
1,3,5-Trimethylbenzene
Concen: 763.047 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.007 min
Lab File: VU044875.D
Acq: 26 Sep 2021 07:02

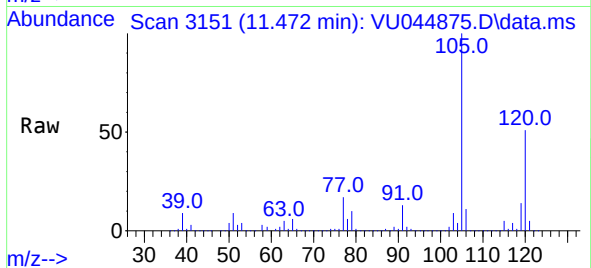
Tgt Ion:105 Resp: 9689614
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.2





#84
1,2,4-Trimethylbenzene
Concen: 1724.183 ug/l m
RT: 11.472 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU044875.D
Acq: 26 Sep 2021 07:02

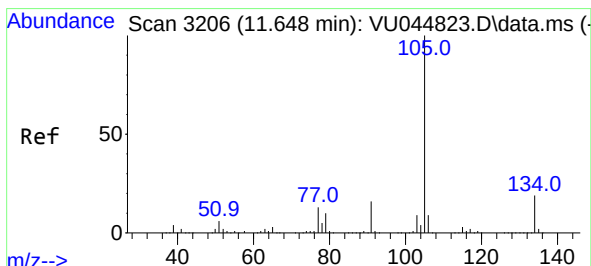
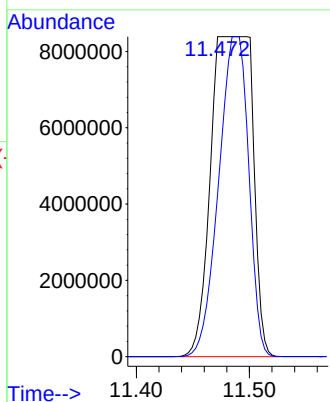
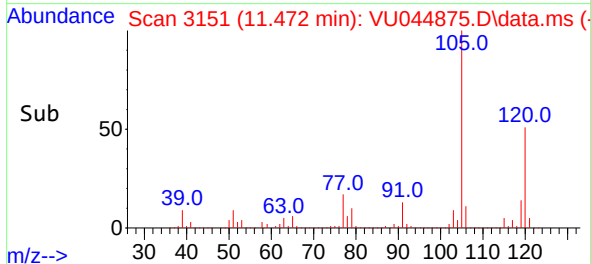
Instrument :
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ClientSampleId :
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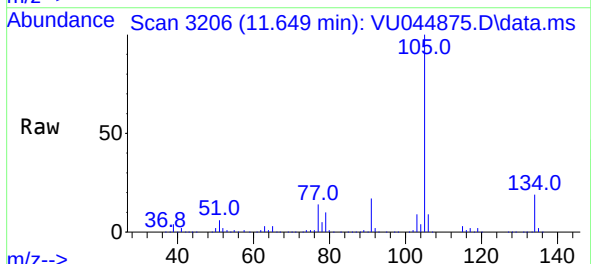
Tgt Ion:105 Resp:21585234
Ion Ratio Lower Upper
105 100
120 14.4 22.4 67.3#

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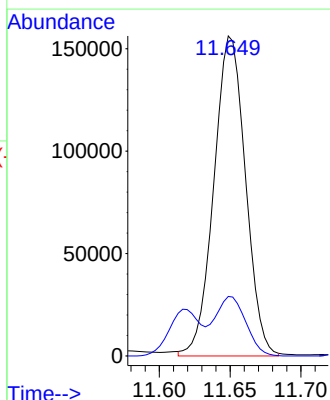
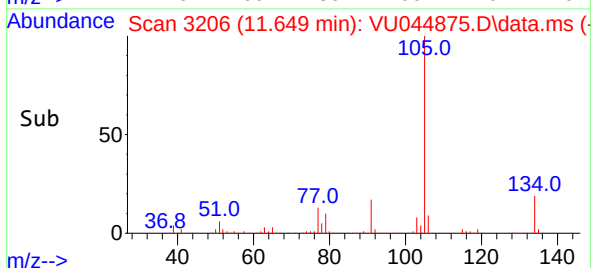
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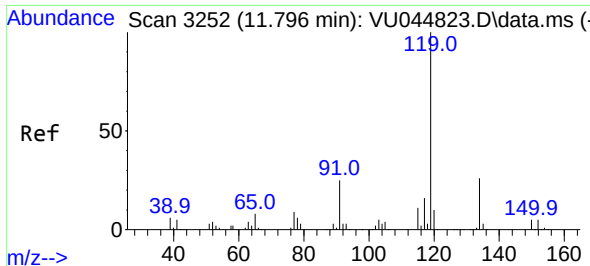


#85
sec-Butylbenzene
Concen: 15.328 ug/l m
RT: 11.649 min Scan# 3206
Delta R.T. 0.000 min
Lab File: VU044875.D
Acq: 26 Sep 2021 07:02



Tgt Ion:105 Resp: 242808
Ion Ratio Lower Upper
105 100
134 0.0 9.3 28.0#





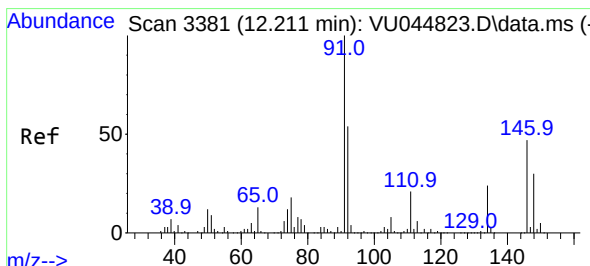
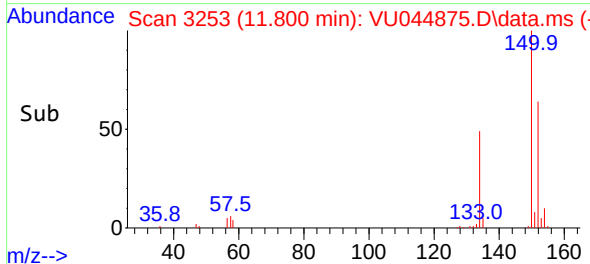
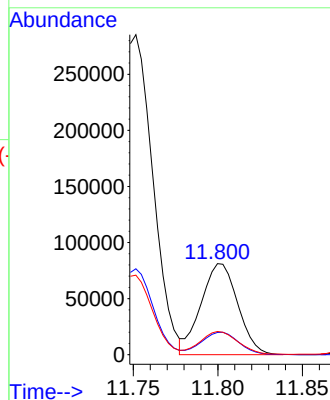
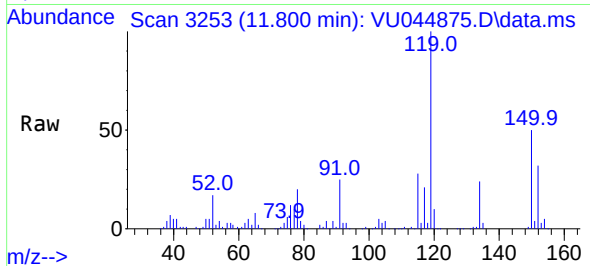
#86
p-Isopropyltoluene
Concen: 9.541 ug/l m
RT: 11.800 min Scan# 3253
Delta R.T. 0.004 min
Lab File: VU044875.D
Acq: 26 Sep 2021 07:02

Tgt Ion: 119 Resp: 122952
Ion Ratio Lower Upper
119 100
134 93.3 12.8 38.3#
91 87.6 12.2 36.6#

Instrument :
MSVOA_U
ClientSampled :
40458

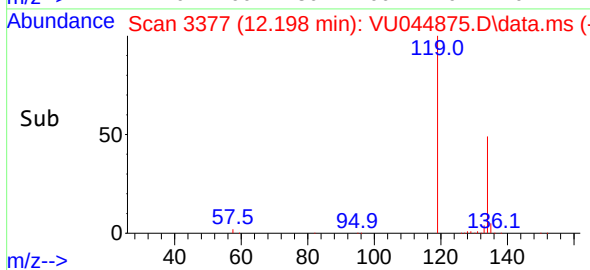
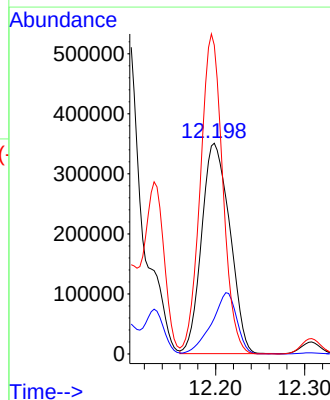
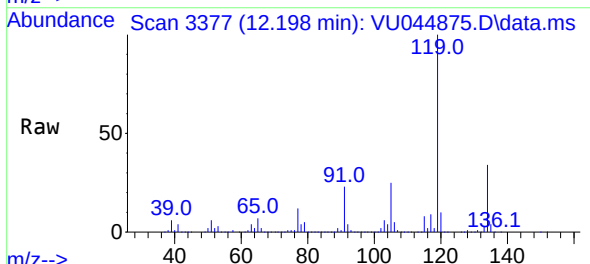
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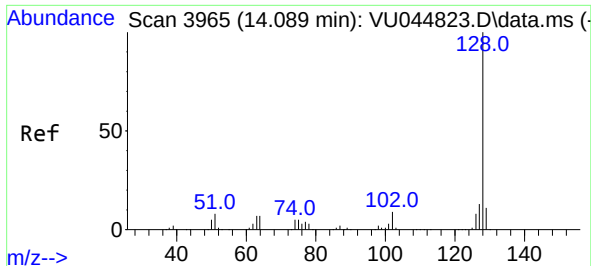
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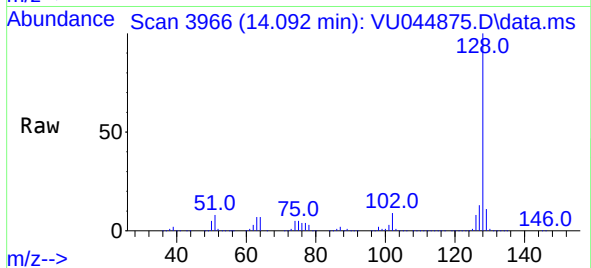
#89
n-Butylbenzene
Concen: 57.855 ug/l
RT: 12.198 min Scan# 3377
Delta R.T. -0.013 min
Lab File: VU044875.D
Acq: 26 Sep 2021 07:02

Tgt Ion: 91 Resp: 770700
Ion Ratio Lower Upper
91 100
92 26.0 26.8 80.4#
134 120.7 11.8 35.4#



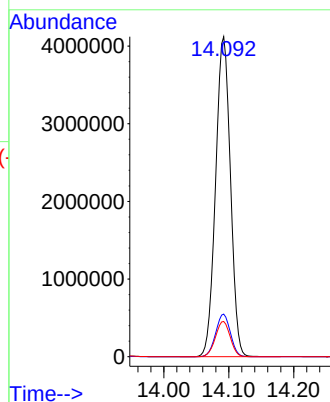
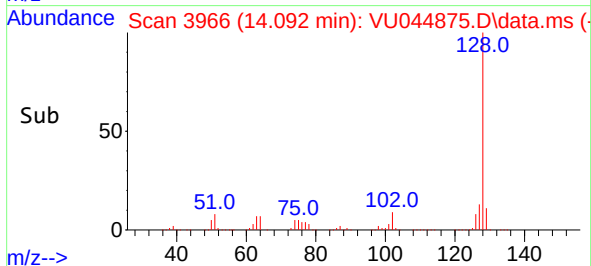


#95
Naphthalene
Concen: 395.167 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU044875.D
Acq: 26 Sep 2021 07:02



Tgt Ion:128 Resp: 6509530

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	11.0	8.6	13.0



Instrument :
MSVOA_U
ClientSampleId :
40458

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