

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060222\
 Data File : VU048826.D
 Acq On : 03 Jun 2022 00:53
 Operator : SY/MD
 Sample : N3120-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 40030

Quant Time: Jun 03 04:04:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

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

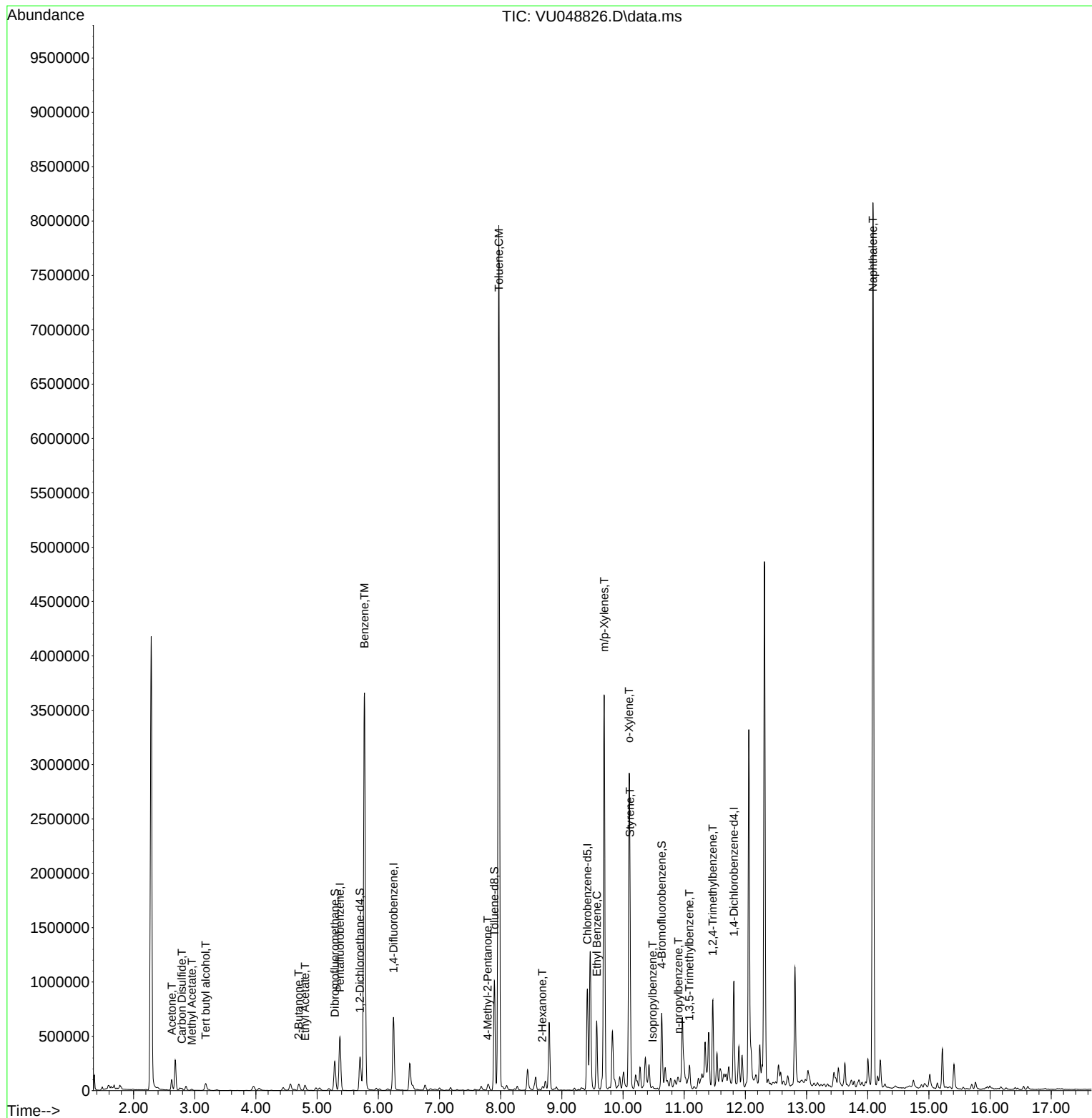
Internal Standards						
1) Pentafluorobenzene	5.372	168	331440	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	535797	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	489550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	245282	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	226618	45.528	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.060%
35) Dibromofluoromethane	5.288	113	172909	45.235	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.460%
50) Toluene-d8	7.896	98	671305	48.992	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.980%
62) 4-Bromofluorobenzene	10.632	95	228712	44.135	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.280%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.179	59	70416	55.799	ug/l #	42
16) Acetone	2.623	43	99709	39.306	ug/l	99
17) Carbon Disulfide	2.790	76	18127	1.841	ug/l	96
18) Methyl Acetate	2.951	43	14077	2.210	ug/l	99
25) 2-Butanone	4.700	43	83319	22.863	ug/l	97
37) Ethyl Acetate	4.803	43	63966	9.070	ug/l	97
40) Benzene	5.774	78	3402595	206.588	ug/l	100
51) 4-Methyl-2-Pentanone	7.790	43	28099	4.227	ug/l	98
52) Toluene	7.970	92	3272653	332.190	ug/l	99
59) 2-Hexanone	8.681	43	15677	2.873	ug/l	91
67) Ethyl Benzene	9.571	91	442109	25.317	ug/l	97
68) m/p-Xylenes	9.693	106	1039609	152.212	ug/l	99
69) o-Xylene	10.099	106	658913	98.196	ug/l	99
70) Styrene	10.115	104	505109	45.764	ug/l	88
73) Isopropylbenzene	10.484	105	16834	1.063	ug/l	97
78) n-propylbenzene	10.906	91	35586	1.886	ug/l	94
80) 1,3,5-Trimethylbenzene	11.086	105	113355	8.232	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	429705	29.453	ug/l	94
95) Naphthalene	14.086	128	6234541	309.092	ug/l	100

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

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Quant Title : SW846 8260
QLast Update : Fri May 27 06:42:31 2022
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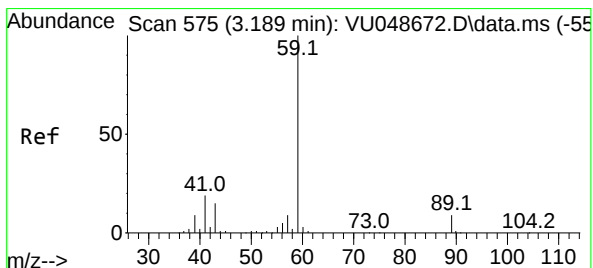
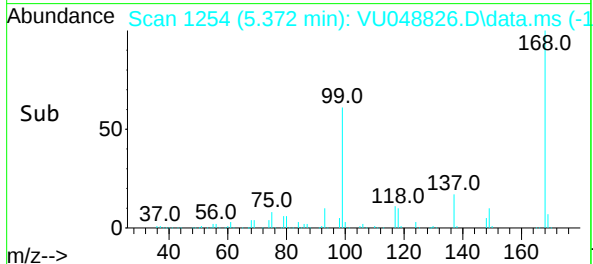
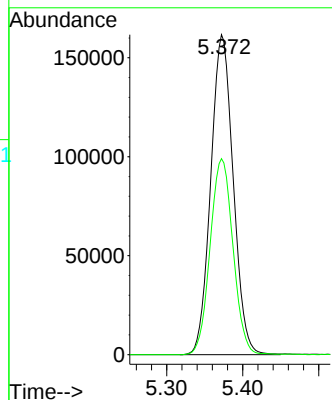
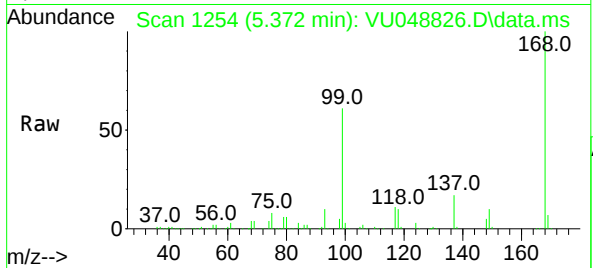




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048826.D
Acq: 03 Jun 2022 00:53

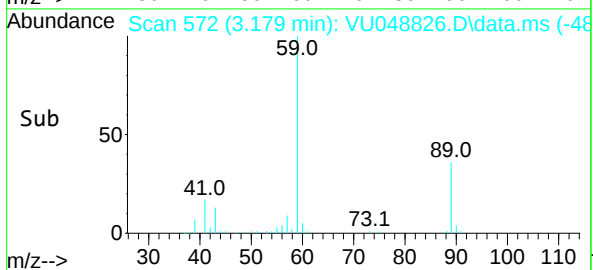
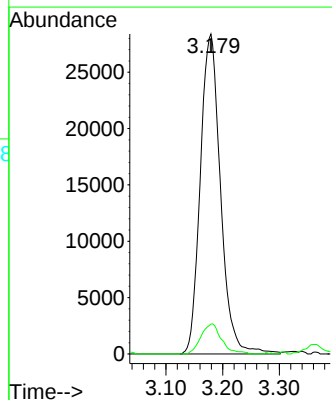
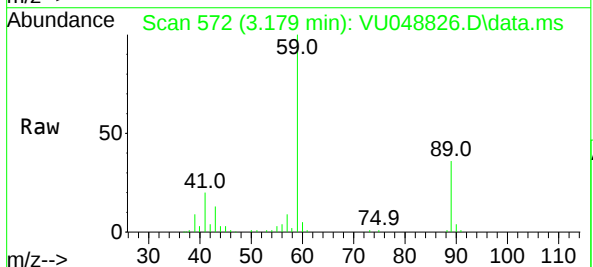
Instrument :
MSVOA_U
ClientSampleId :
40030

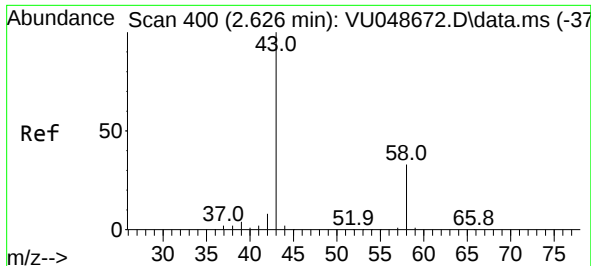
Tgt Ion:168 Resp: 331440
Ion Ratio Lower Upper
168 100
99 61.3 49.3 73.9



#11
Tert butyl alcohol
Concen: 55.799 ug/l
RT: 3.179 min Scan# 572
Delta R.T. -0.010 min
Lab File: VU048826.D
Acq: 03 Jun 2022 00:53

Tgt Ion: 59 Resp: 70416
Ion Ratio Lower Upper
59 100
57 9.6 39.7 59.5#

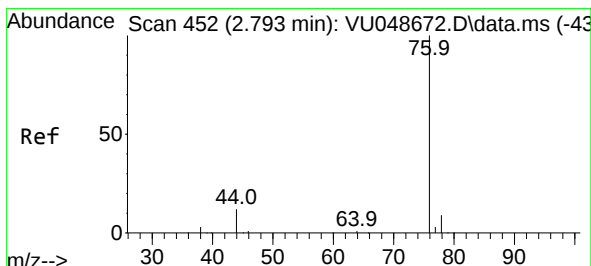
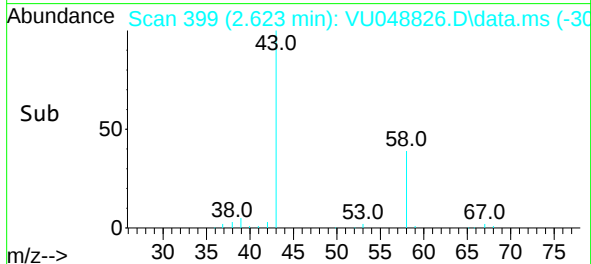
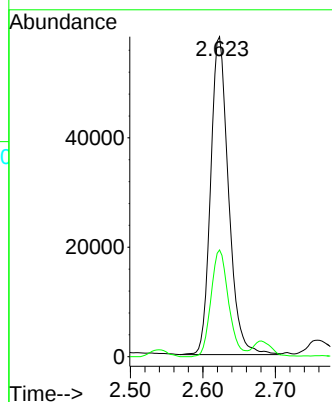
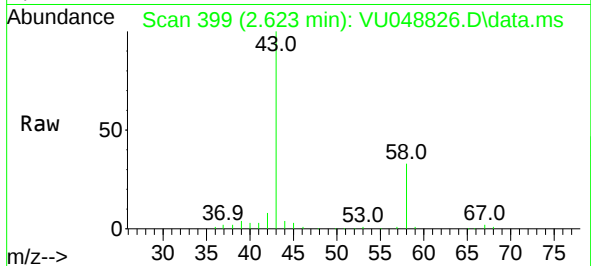




#16
Acetone
Concen: 39.306 ug/l
RT: 2.623 min Scan# 39
Delta R.T. -0.003 min
Lab File: VU048826.D
Acq: 03 Jun 2022 00:53

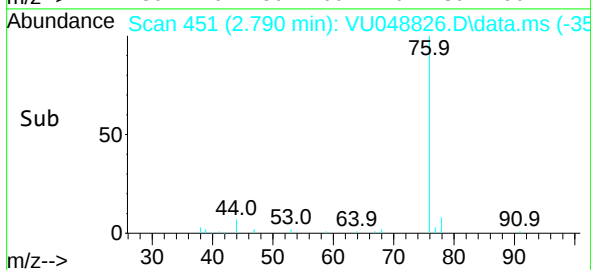
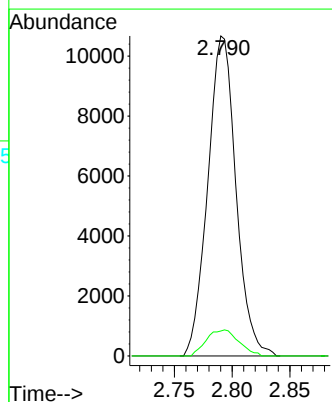
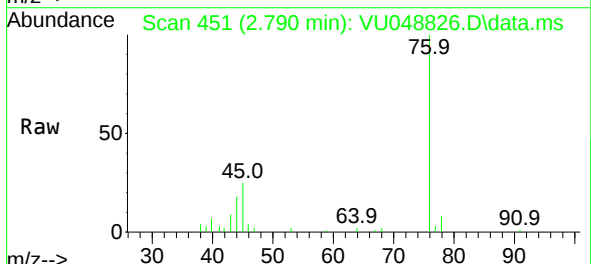
Instrument :
MSVOA_U
ClientSampleId :
40030

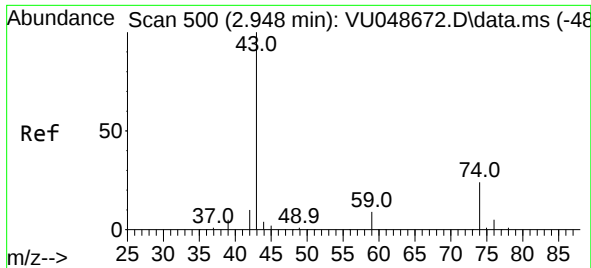
Tgt Ion: 43 Resp: 99709
Ion Ratio Lower Upper
43 100
58 33.6 26.3 39.5



#17
Carbon Disulfide
Concen: 1.841 ug/l
RT: 2.790 min Scan# 451
Delta R.T. -0.003 min
Lab File: VU048826.D
Acq: 03 Jun 2022 00:53

Tgt Ion: 76 Resp: 18127
Ion Ratio Lower Upper
76 100
78 7.8 7.3 10.9

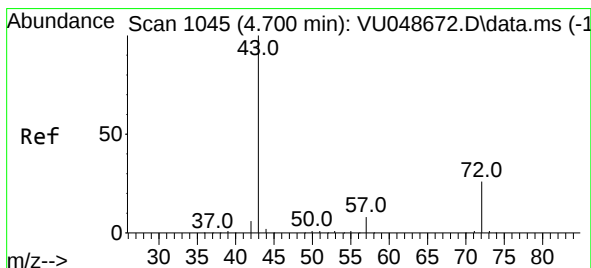
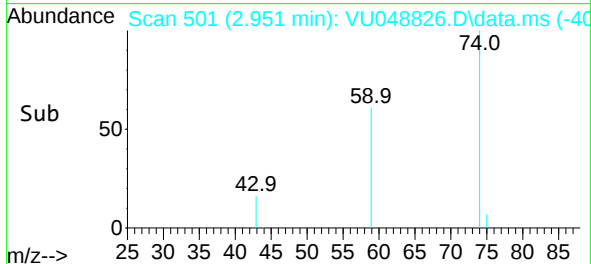
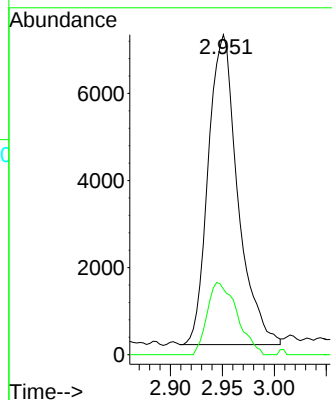
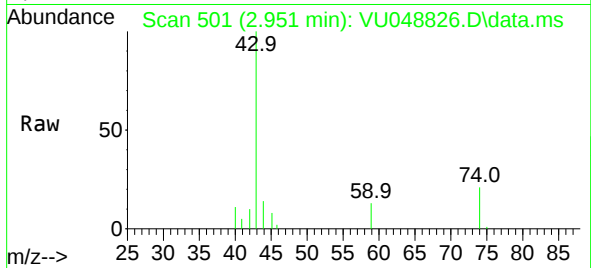




#18
Methyl Acetate
Concen: 2.210 ug/l
RT: 2.951 min Scan# 500
Delta R.T. 0.003 min
Lab File: VU048826.D
Acq: 03 Jun 2022 00:53

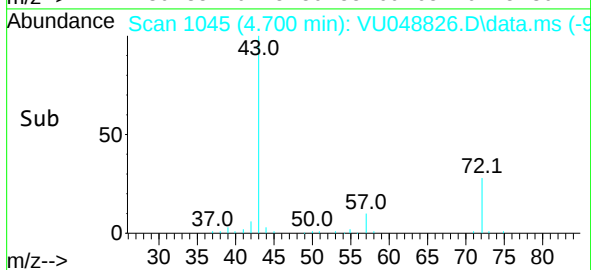
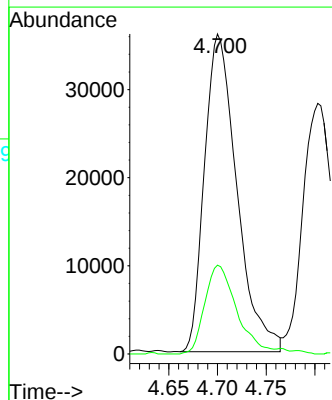
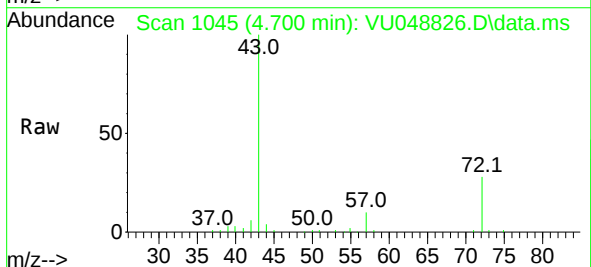
Instrument :
MSVOA_U
ClientSampleId :
40030

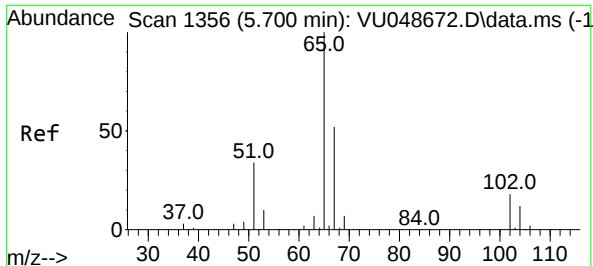
Tgt Ion: 43 Resp: 14077
Ion Ratio Lower Upper
43 100
74 23.5 19.2 28.8



#25
2-Butanone
Concen: 22.863 ug/l
RT: 4.700 min Scan# 1045
Delta R.T. -0.000 min
Lab File: VU048826.D
Acq: 03 Jun 2022 00:53

Tgt Ion: 43 Resp: 83319
Ion Ratio Lower Upper
43 100
72 28.0 21.1 31.7





#33

1,2-Dichloroethane-d4

Concen: 45.528 ug/l

RT: 5.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU048826.D

Acq: 03 Jun 2022 00:53

Instrument :

MSVOA_U

ClientSampleId :

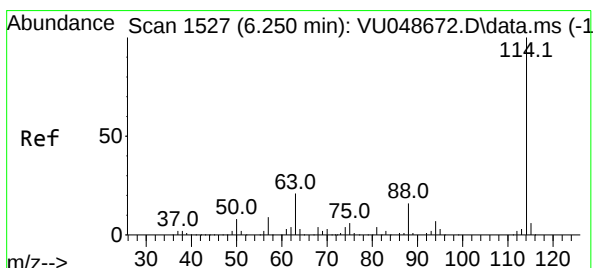
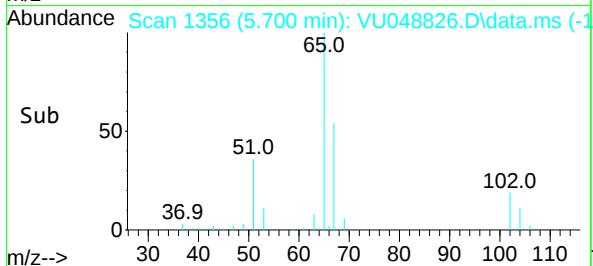
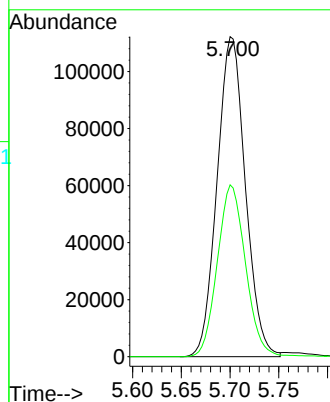
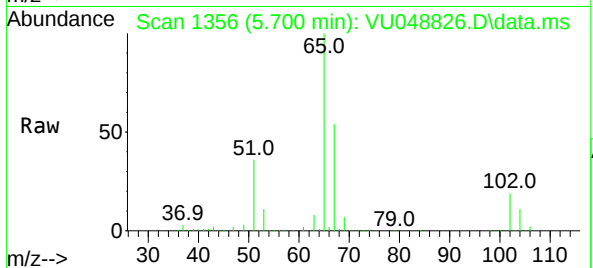
40030

Tgt Ion: 65 Resp: 226618

Ion Ratio Lower Upper

65 100

67 53.6 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. -0.000 min

Lab File: VU048826.D

Acq: 03 Jun 2022 00:53

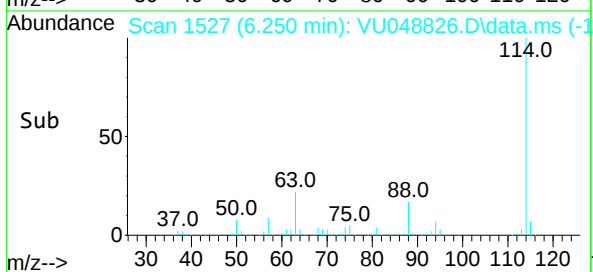
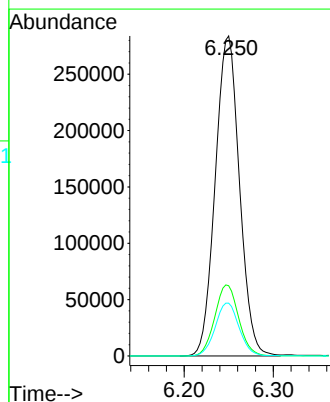
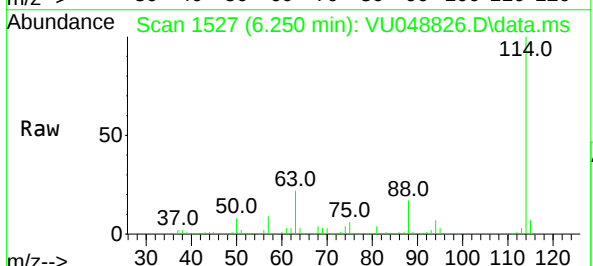
Tgt Ion: 114 Resp: 535797

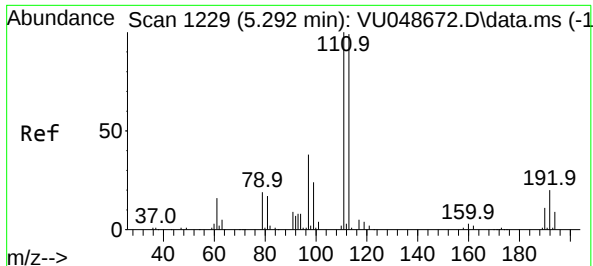
Ion Ratio Lower Upper

114 100

63 21.9 0.0 42.6

88 16.5 0.0 32.2

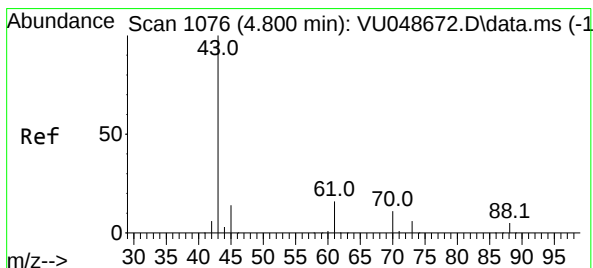
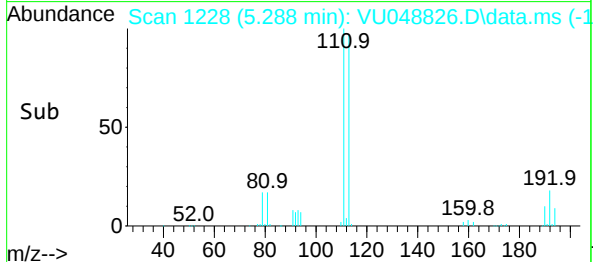
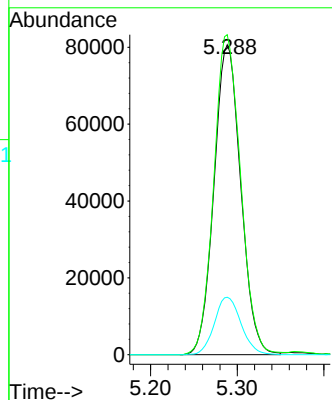
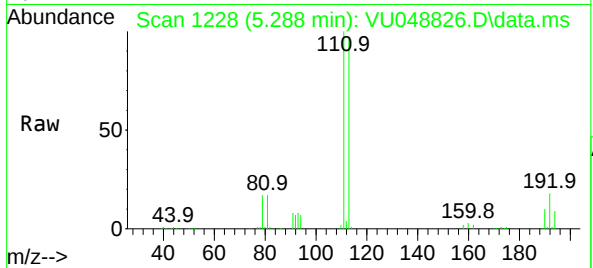




#35
Dibromofluoromethane
Concen: 45.235 ug/l
RT: 5.288 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048826.D
Acq: 03 Jun 2022 00:53

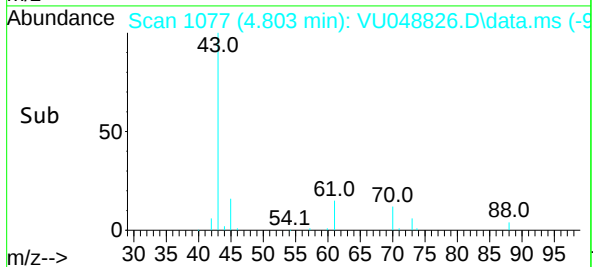
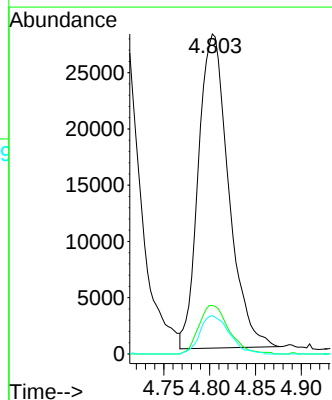
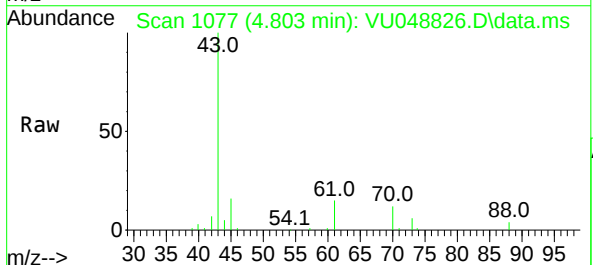
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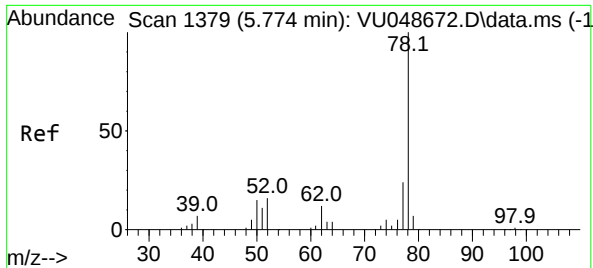
Tgt Ion:113 Resp: 172909
Ion Ratio Lower Upper
113 100
111 103.7 80.7 121.1
192 18.5 15.9 23.9



#37
Ethyl Acetate
Concen: 9.070 ug/l
RT: 4.803 min Scan# 1077
Delta R.T. 0.003 min
Lab File: VU048826.D
Acq: 03 Jun 2022 00:53

Tgt Ion: 43 Resp: 63966
Ion Ratio Lower Upper
43 100
61 15.4 11.7 17.5
70 11.9 8.4 12.6

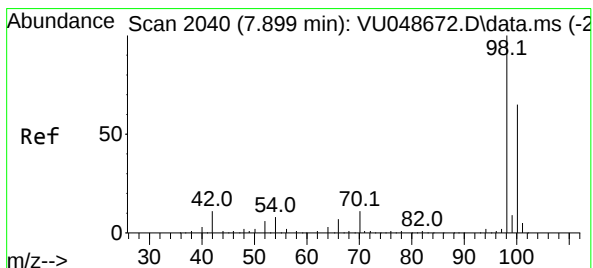
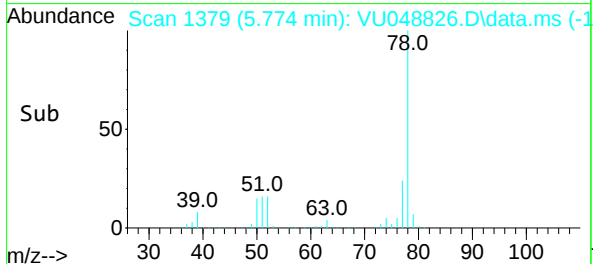
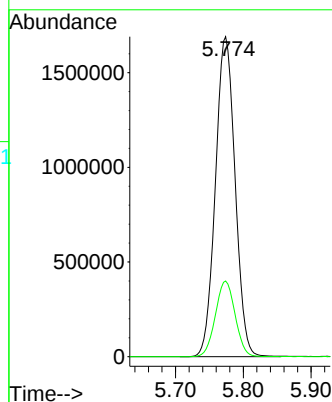
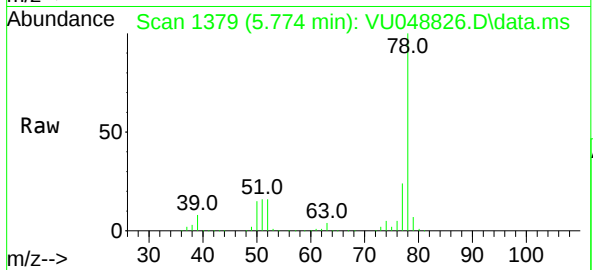




#40
Benzene
Concen: 206.588 ug/l
RT: 5.774 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU048826.D
Acq: 03 Jun 2022 00:53

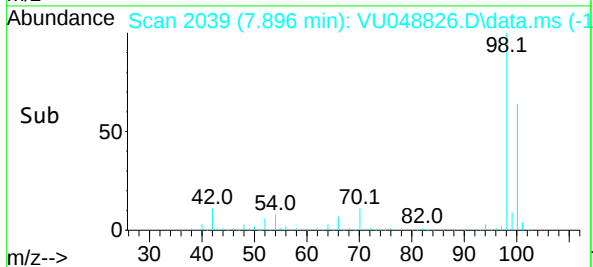
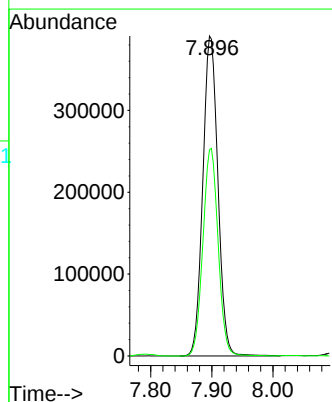
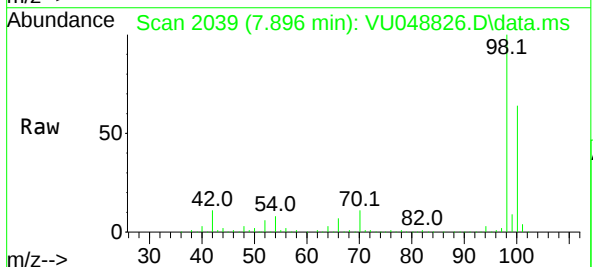
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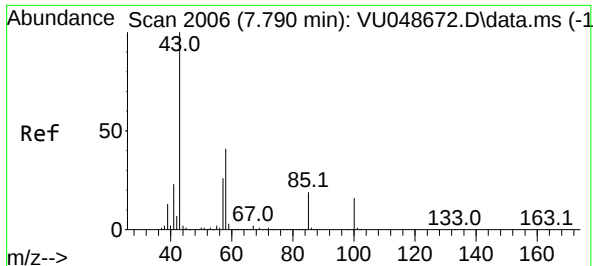
Tgt Ion: 78 Resp: 3402595
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6



#50
Toluene-d8
Concen: 48.992 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. -0.003 min
Lab File: VU048826.D
Acq: 03 Jun 2022 00:53

Tgt Ion: 98 Resp: 671305
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.4

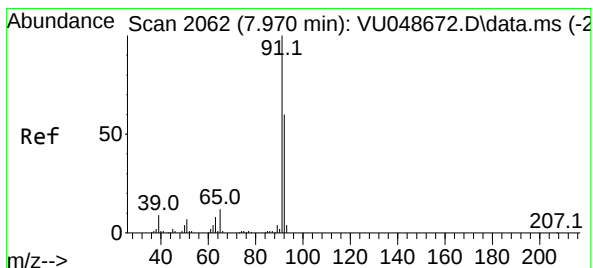
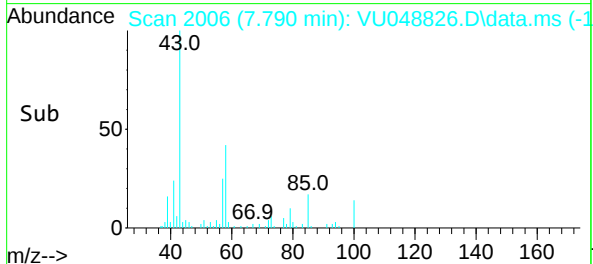
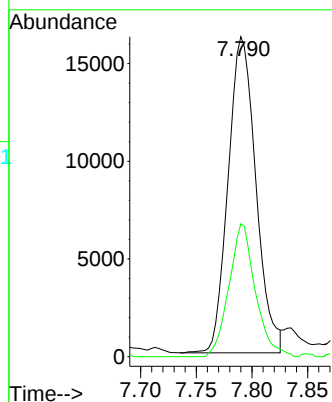
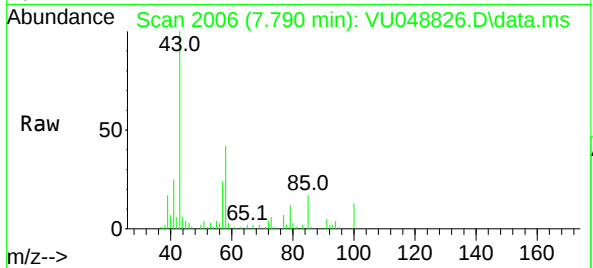




#51
4-Methyl-2-Pentanone
Concen: 4.227 ug/l
RT: 7.790 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VU048826.D
Acq: 03 Jun 2022 00:53

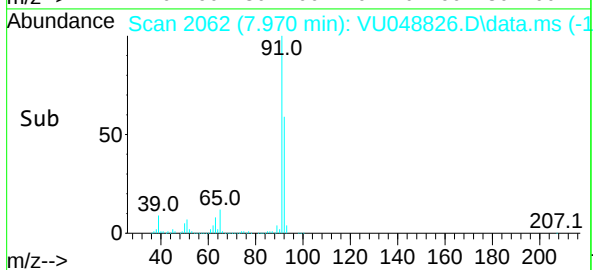
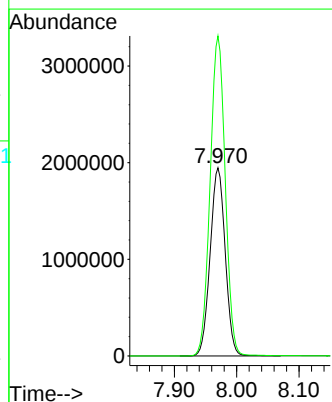
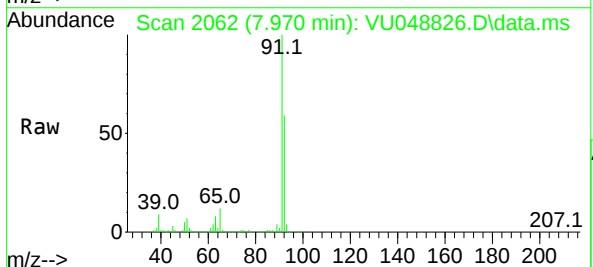
Instrument : MSVOA_U
ClientSampleId : 40030

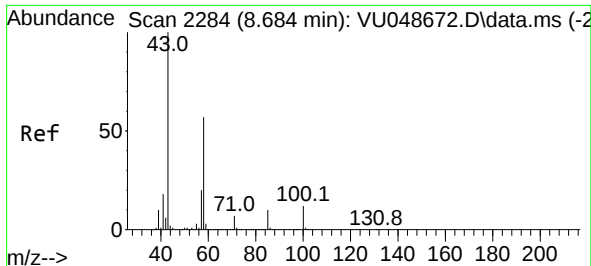
Tgt Ion: 43 Resp: 28099
Ion Ratio Lower Upper
43 100
58 39.8 32.7 49.1



#52
Toluene
Concen: 332.190 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU048826.D
Acq: 03 Jun 2022 00:53

Tgt Ion: 92 Resp: 3272653
Ion Ratio Lower Upper
92 100
91 170.1 135.0 202.4





#59

2-Hexanone

Concen: 2.873 ug/l

RT: 8.681 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU048826.D

Acq: 03 Jun 2022 00:53

Instrument :

MSVOA_U

ClientSampleId :

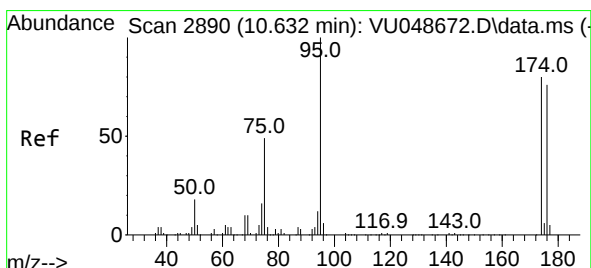
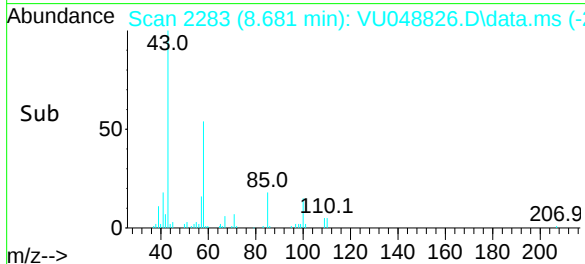
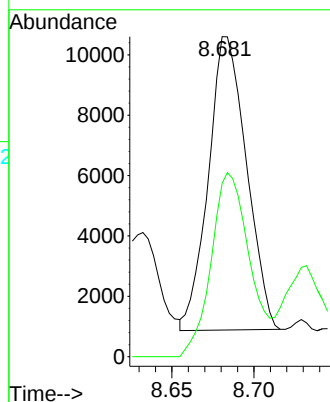
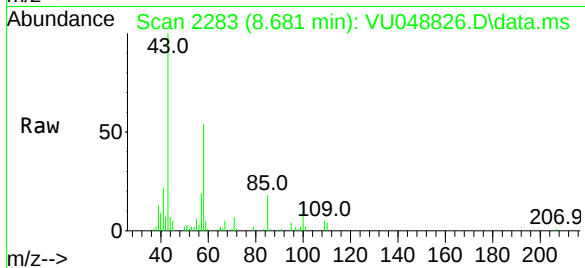
40030

Tgt Ion: 43 Resp: 15677

Ion Ratio Lower Upper

43 100

58 62.8 28.2 84.6



#62

4-Bromofluorobenzene

Concen: 44.135 ug/l

RT: 10.632 min Scan# 2890

Delta R.T. -0.000 min

Lab File: VU048826.D

Acq: 03 Jun 2022 00:53

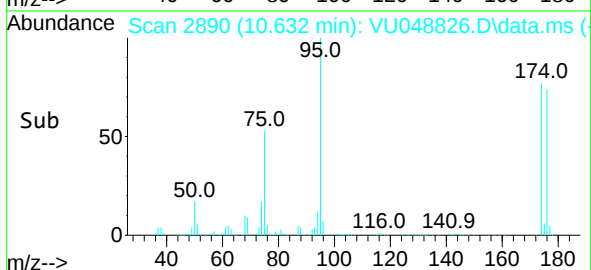
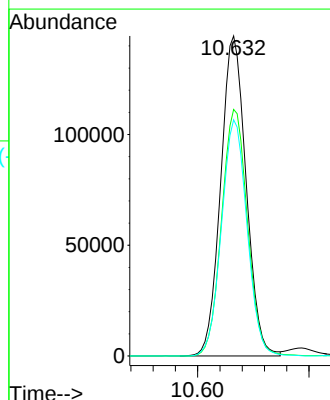
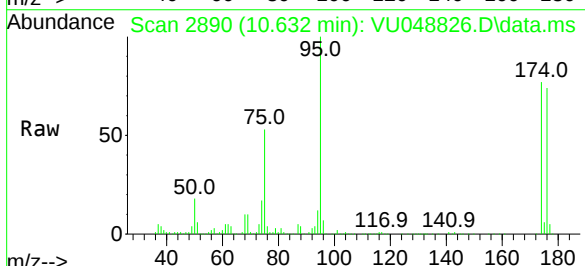
Tgt Ion: 95 Resp: 228712

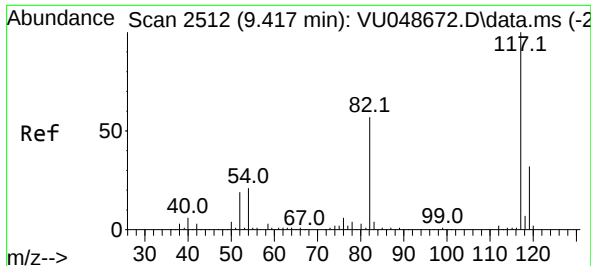
Ion Ratio Lower Upper

95 100

174 78.3 0.0 159.4

176 74.3 0.0 152.4

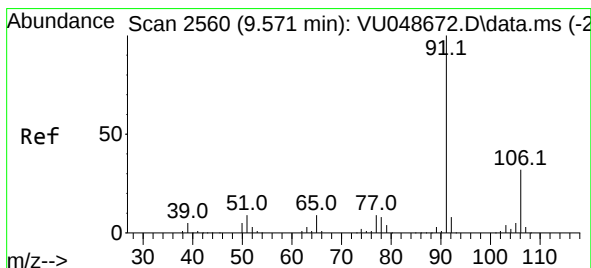
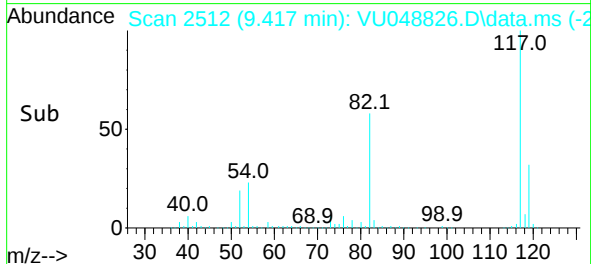
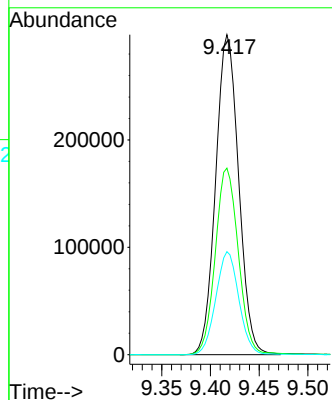
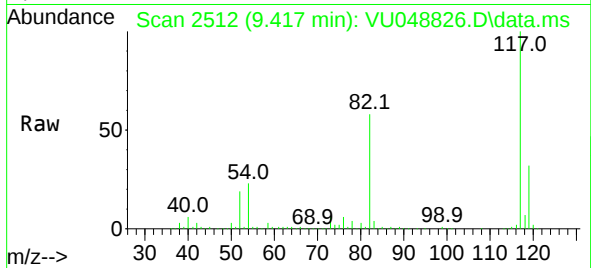




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.000 min
Lab File: VU048826.D
Acq: 03 Jun 2022 00:53

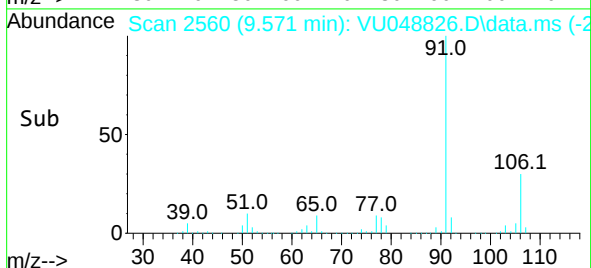
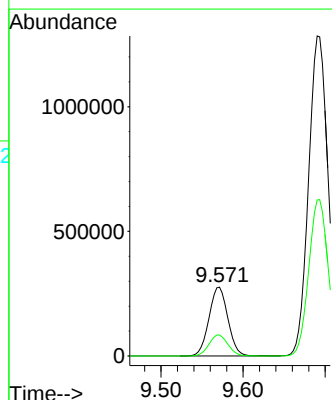
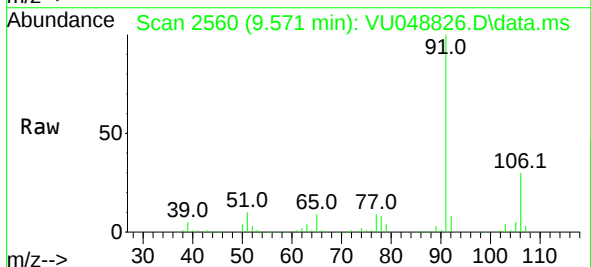
Instrument :
MSVOA_U
ClientSampleId :
40030

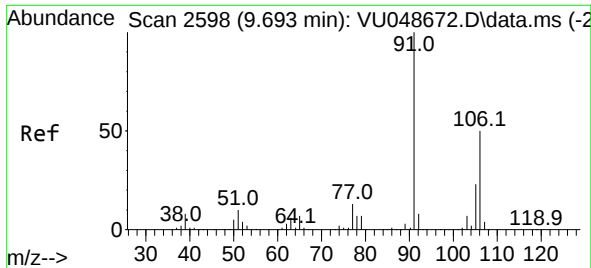
Tgt Ion:117 Resp: 489550
Ion Ratio Lower Upper
117 100
82 58.3 45.3 67.9
119 32.2 25.4 38.2



#67
Ethyl Benzene
Concen: 25.317 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU048826.D
Acq: 03 Jun 2022 00:53

Tgt Ion: 91 Resp: 442109
Ion Ratio Lower Upper
91 100
106 30.4 25.4 38.2

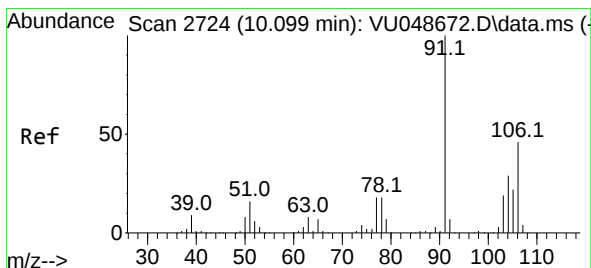
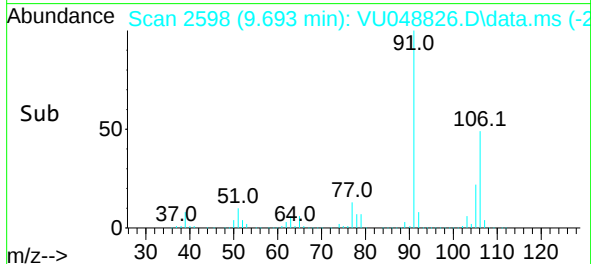
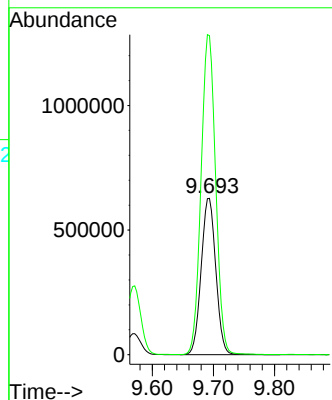
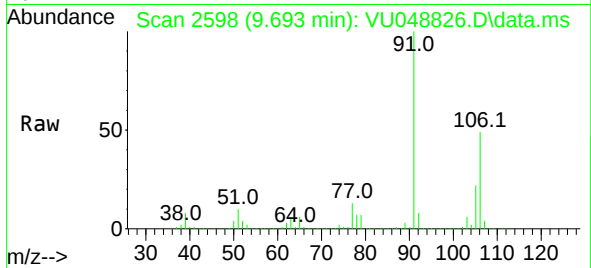




#68
m/p-Xylenes
Concen: 152.212 ug/l
RT: 9.693 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048826.D
Acq: 03 Jun 2022 00:53

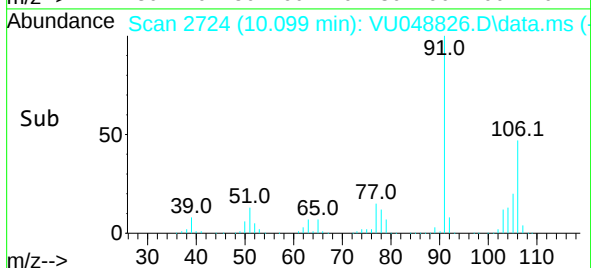
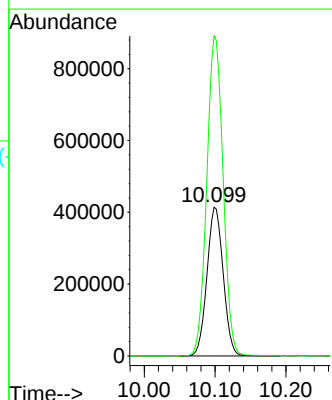
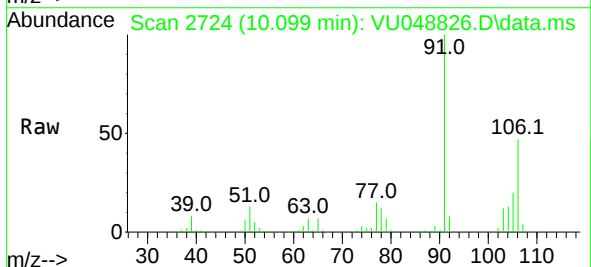
Instrument :
MSVOA_U
ClientSampleId :
40030

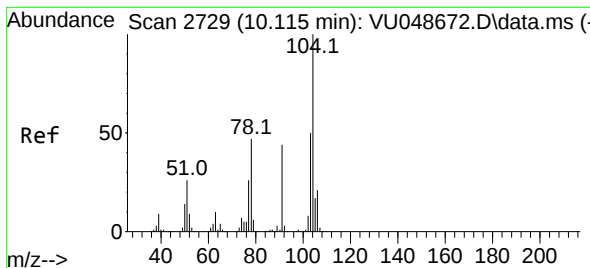
Tgt Ion:106 Resp: 1039609
Ion Ratio Lower Upper
106 100
91 204.6 162.4 243.6



#69
o-Xylene
Concen: 98.196 ug/l
RT: 10.099 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU048826.D
Acq: 03 Jun 2022 00:53

Tgt Ion:106 Resp: 658913
Ion Ratio Lower Upper
106 100
91 216.9 107.7 323.3





#70

Styrene

Concen: 45.764 ug/l

RT: 10.115 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU048826.D

Acq: 03 Jun 2022 00:53

Instrument :

MSVOA_U

ClientSampleId :

40030

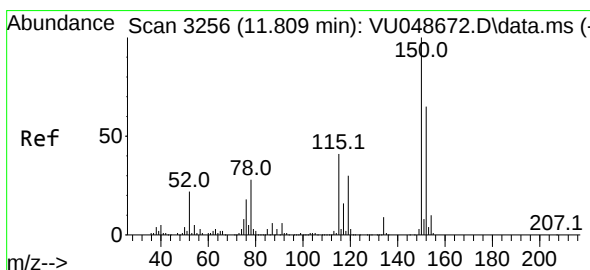
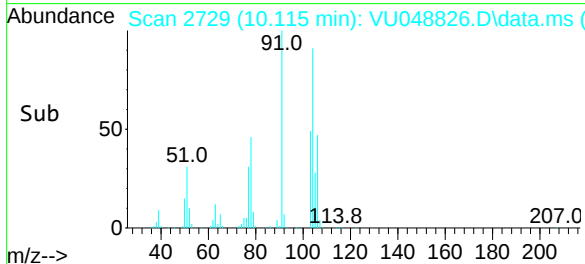
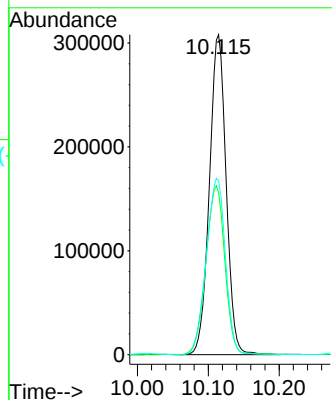
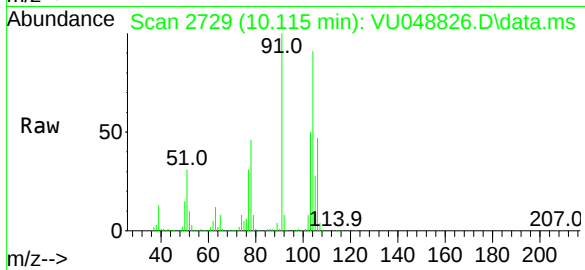
Tgt Ion:104 Resp: 505109

Ion Ratio Lower Upper

104 100

78 59.8 41.2 61.8

103 62.7 43.4 65.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.812 min Scan# 3257

Delta R.T. 0.003 min

Lab File: VU048826.D

Acq: 03 Jun 2022 00:53

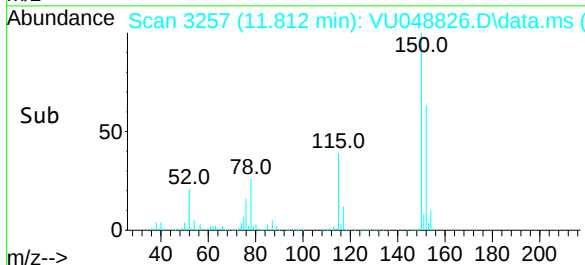
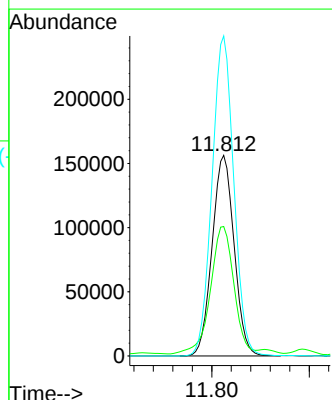
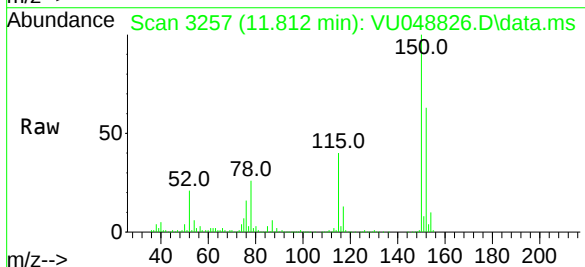
Tgt Ion:152 Resp: 245282

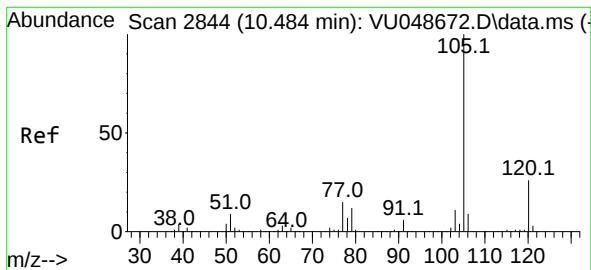
Ion Ratio Lower Upper

152 100

115 67.2 41.8 125.4

150 157.7 0.0 341.0





#73

Isopropylbenzene

Concen: 1.063 ug/l

RT: 10.484 min Scan# 2844

Delta R.T. -0.000 min

Lab File: VU048826.D

Acq: 03 Jun 2022 00:53

Instrument :

MSVOA_U

ClientSampleId :

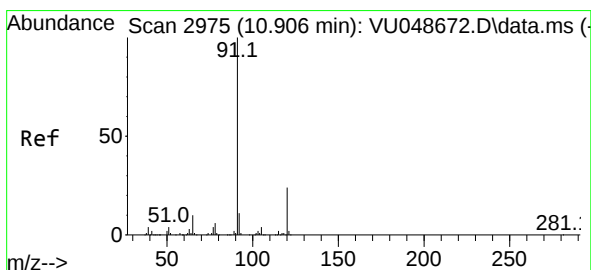
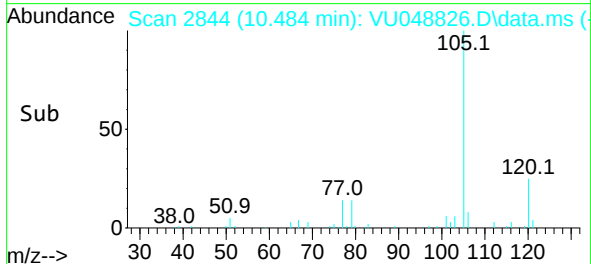
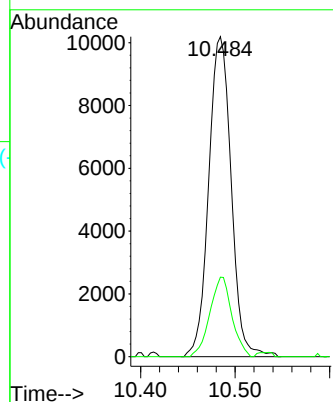
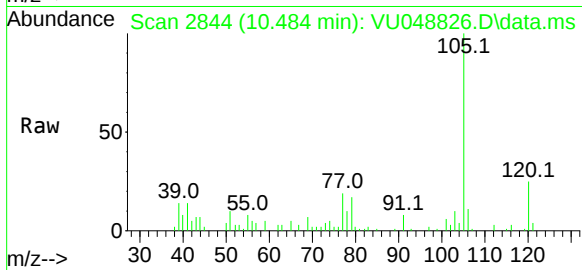
40030

Tgt Ion:105 Resp: 16834

Ion Ratio Lower Upper

105 100

120 24.2 12.9 38.6



#78

n-propylbenzene

Concen: 1.886 ug/l

RT: 10.906 min Scan# 2975

Delta R.T. -0.000 min

Lab File: VU048826.D

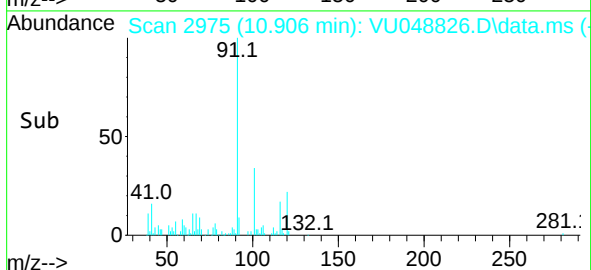
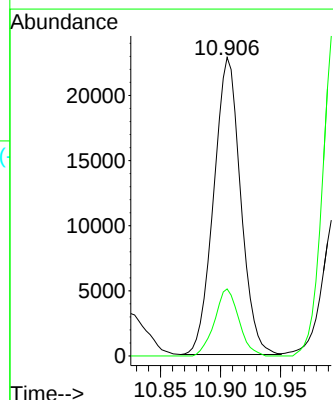
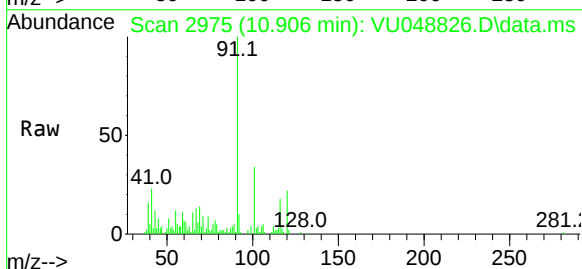
Acq: 03 Jun 2022 00:53

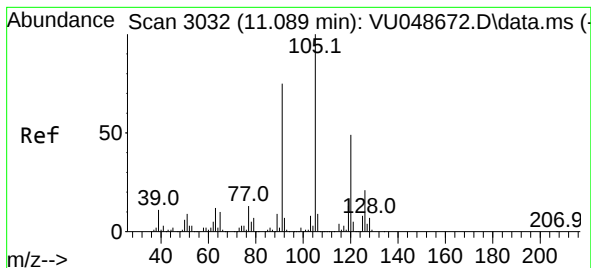
Tgt Ion: 91 Resp: 35586

Ion Ratio Lower Upper

91 100

120 20.3 11.6 34.7





#80

1,3,5-Trimethylbenzene

Concen: 8.232 ug/l

RT: 11.086 min Scan# 3032

Delta R.T. -0.003 min

Lab File: VU048826.D

Acq: 03 Jun 2022 00:53

Instrument :

MSVOA_U

ClientSampleId :

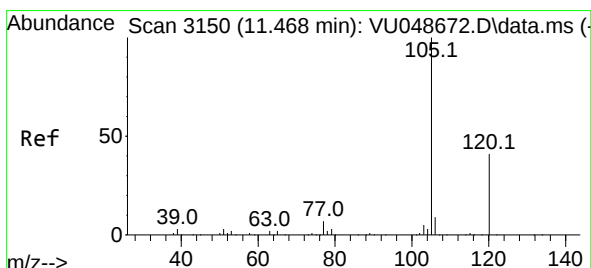
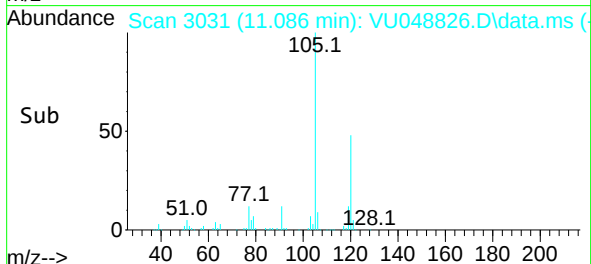
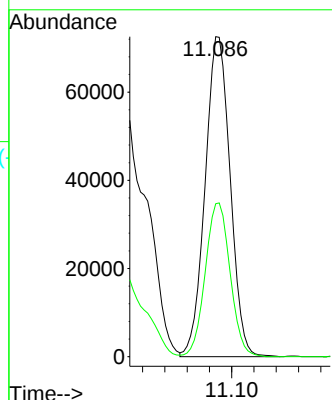
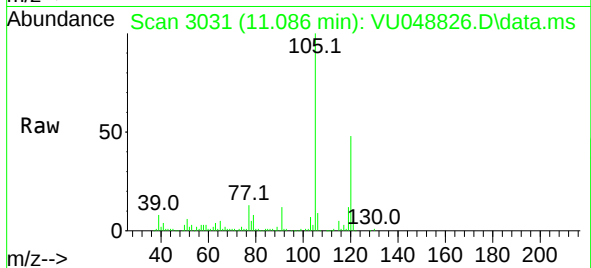
40030

Tgt Ion:105 Resp: 113355

Ion Ratio Lower Upper

105 100

120 47.7 24.1 72.3



#84

1,2,4-Trimethylbenzene

Concen: 29.453 ug/l

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU048826.D

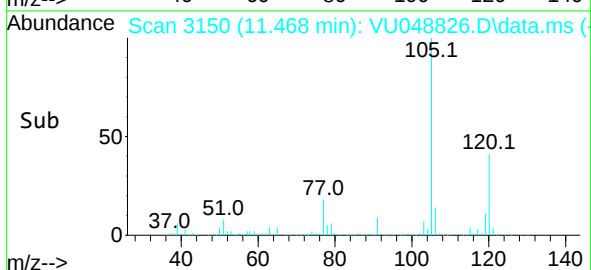
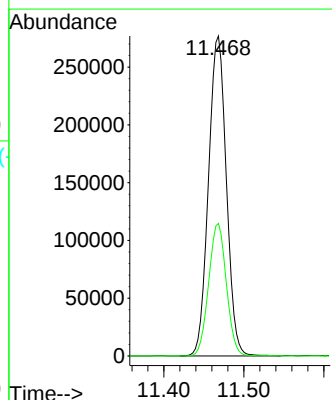
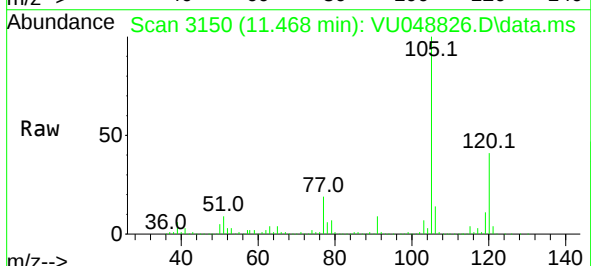
Acq: 03 Jun 2022 00:53

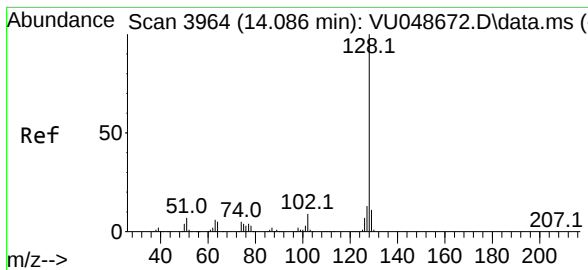
Tgt Ion:105 Resp: 429705

Ion Ratio Lower Upper

105 100

120 41.0 22.5 67.5





#95
Naphthalene
Concen: 309.092 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. -0.001 min
Lab File: VU048826.D
Acq: 03 Jun 2022 00:53

Instrument :
MSVOA_U
ClientSampleId :
40030

Tgt Ion:128 Resp: 6234541
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.9 8.7 13.1

