

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060322\
 Data File : VU048852.D
 Acq On : 03 Jun 2022 13:07
 Operator : SY/MD
 Sample : N3120-01DL 4X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 40030DL

Quant Time: Jun 04 04:35:45 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)

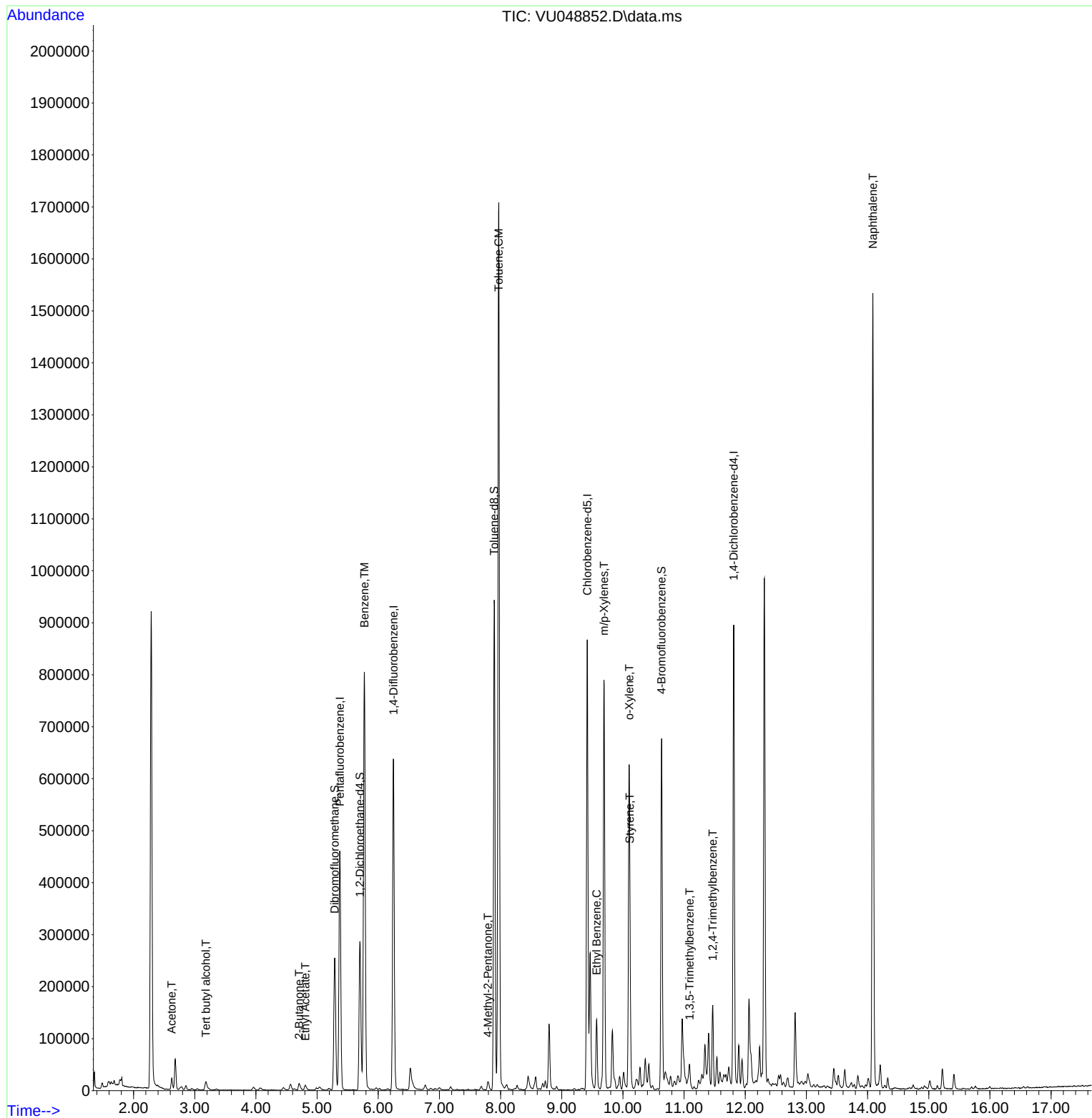
Internal Standards						
1) Pentafluorobenzene	5.372	168	305827	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	511582	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	466921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	231247	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	218302	47.530	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.060%
35) Dibromofluoromethane	5.288	113	168408	46.142	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.280%
50) Toluene-d8	7.896	98	625105	47.780	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.560%
62) 4-Bromofluorobenzene	10.632	95	224972	45.468	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.940%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.182	59	16217	13.927	ug/l #	33
16) Acetone	2.623	43	23275	9.944	ug/l	98
25) 2-Butanone	4.706	43	19684	5.854	ug/l	97
37) Ethyl Acetate	4.809	43	13798	2.049	ug/l	97
40) Benzene	5.774	78	754540	47.980	ug/l	100
51) 4-Methyl-2-Pentanone	7.793	43	9792	1.543	ug/l	95
52) Toluene	7.970	92	711577	75.647	ug/l	99
67) Ethyl Benzene	9.571	91	92493	5.553	ug/l	98
68) m/p-Xylenes	9.690	106	220597	33.863	ug/l	99
69) o-Xylene	10.102	106	140073	21.886	ug/l	100
70) Styrene	10.115	104	107076	10.172	ug/l	87
80) 1,3,5-Trimethylbenzene	11.089	105	23759	1.830	ug/l	97
84) 1,2,4-Trimethylbenzene	11.468	105	84937	7.113	ug/l	97
95) Naphthalene	14.085	128	1167755	63.437	ug/l	100

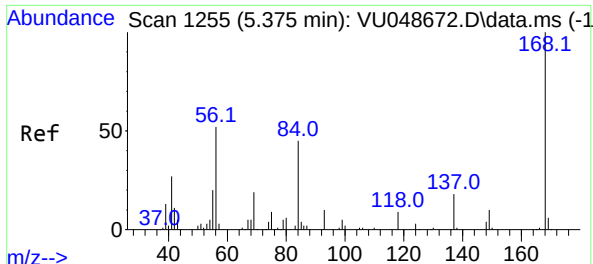
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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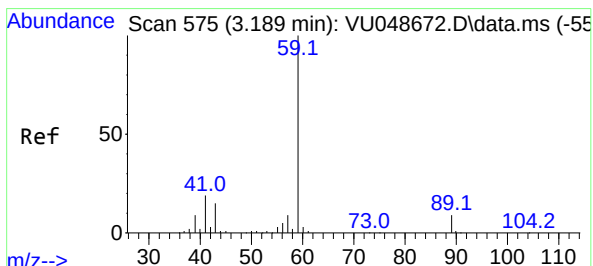
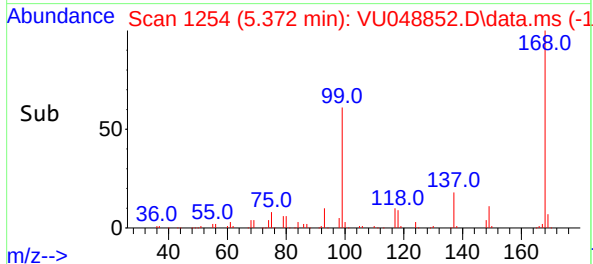
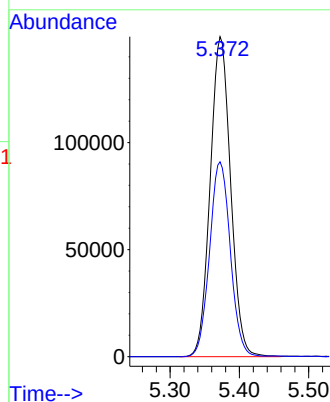
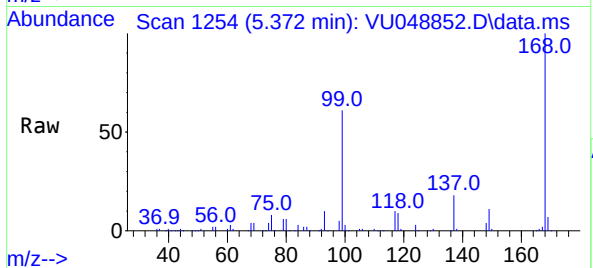




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048852.D
Acq: 03 Jun 2022 13:07

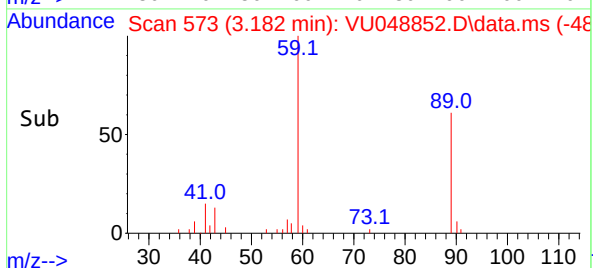
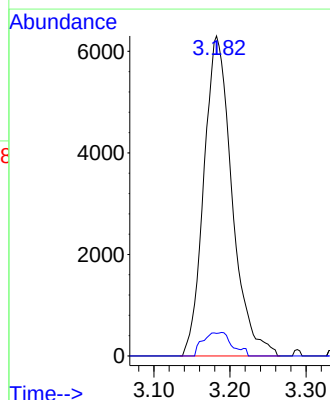
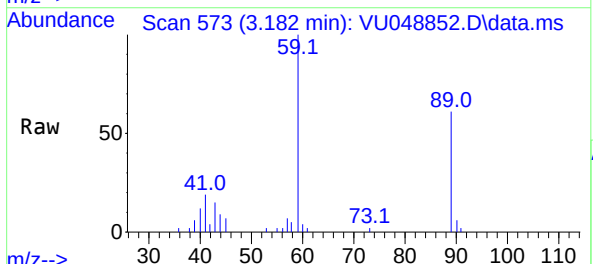
Instrument :
MSVOA_U
ClientSampleId :
40030DL

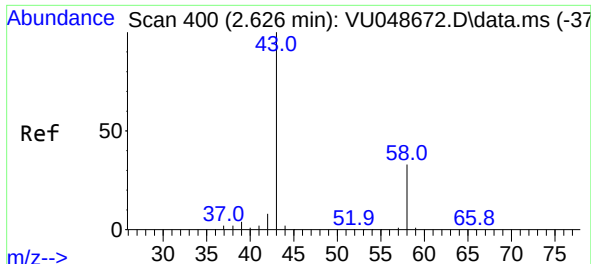
Tgt Ion:168 Resp: 305827
Ion Ratio Lower Upper
168 100
99 60.9 49.3 73.9



#11
Tert butyl alcohol
Concen: 13.927 ug/l
RT: 3.182 min Scan# 573
Delta R.T. -0.007 min
Lab File: VU048852.D
Acq: 03 Jun 2022 13:07

Tgt Ion: 59 Resp: 16217
Ion Ratio Lower Upper
59 100
57 3.8 39.7 59.5#

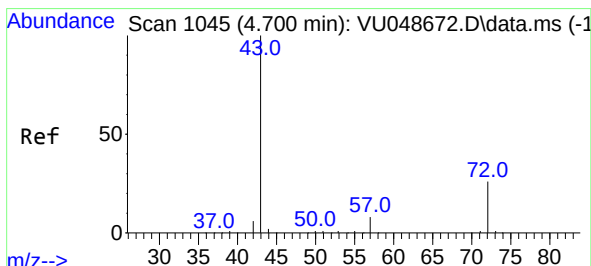
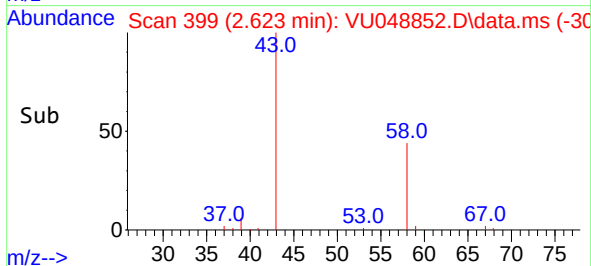
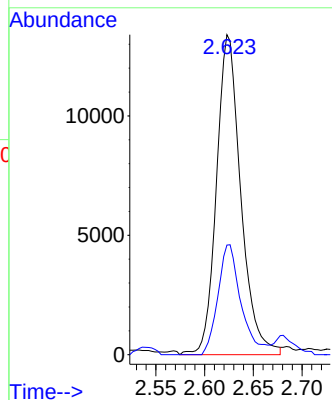
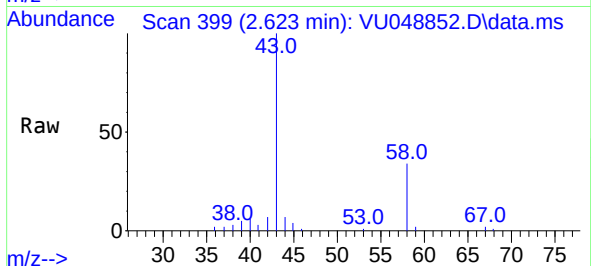




#16
Acetone
Concen: 9.944 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU048852.D
Acq: 03 Jun 2022 13:07

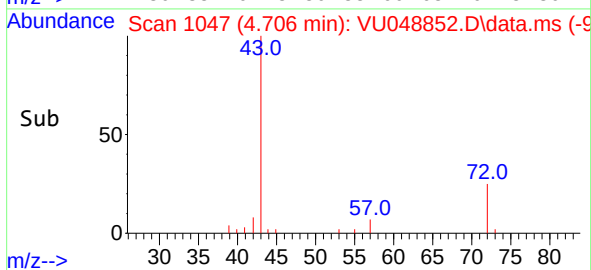
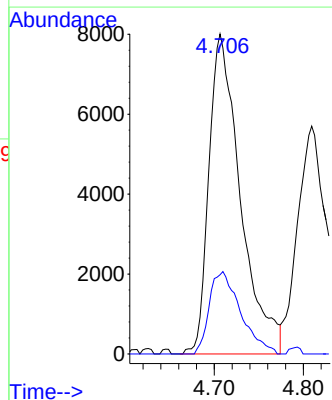
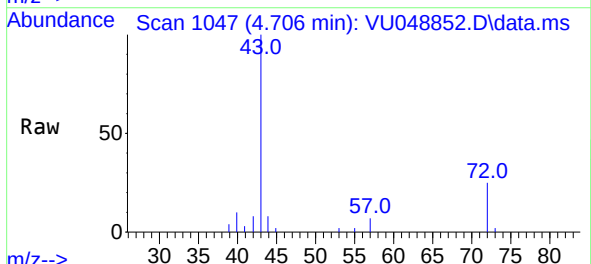
Instrument :
MSVOA_U
ClientSampleId :
40030DL

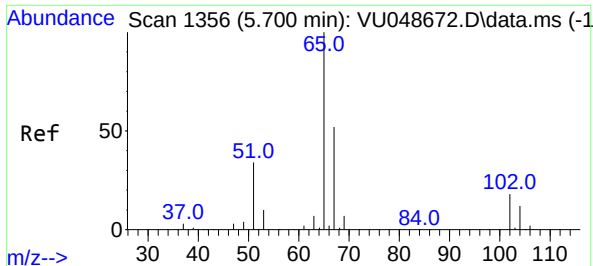
Tgt Ion: 43 Resp: 23275
Ion Ratio Lower Upper
43 100
58 34.3 26.3 39.5



#25
2-Butanone
Concen: 5.854 ug/l
RT: 4.706 min Scan# 1047
Delta R.T. 0.006 min
Lab File: VU048852.D
Acq: 03 Jun 2022 13:07

Tgt Ion: 43 Resp: 19684
Ion Ratio Lower Upper
43 100
72 24.8 21.1 31.7





#33

1,2-Dichloroethane-d4

Concen: 47.530 ug/l

RT: 5.700 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048852.D

Acq: 03 Jun 2022 13:07

Instrument :

MSVOA_U

ClientSampleId :

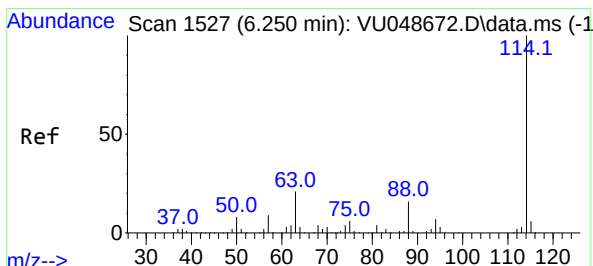
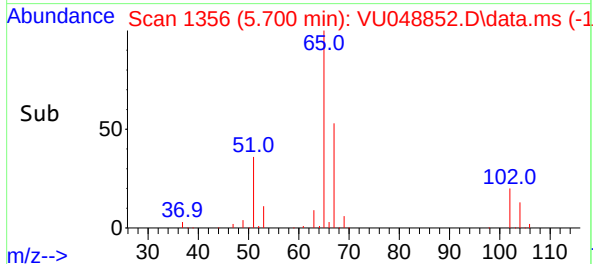
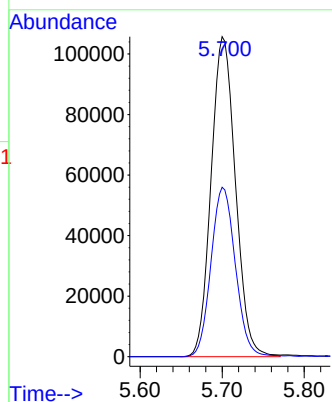
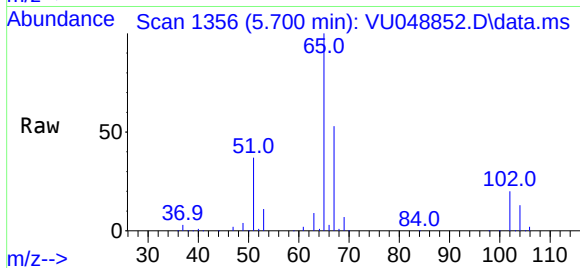
40030DL

Tgt Ion: 65 Resp: 218302

Ion Ratio Lower Upper

65 100

67 52.9 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: VU048852.D

Acq: 03 Jun 2022 13:07

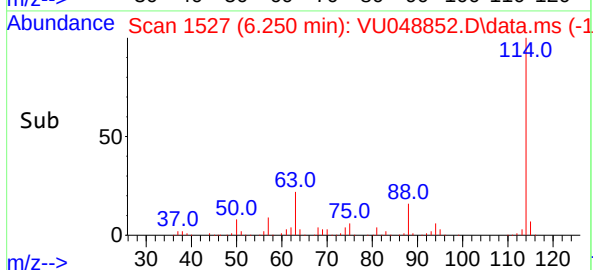
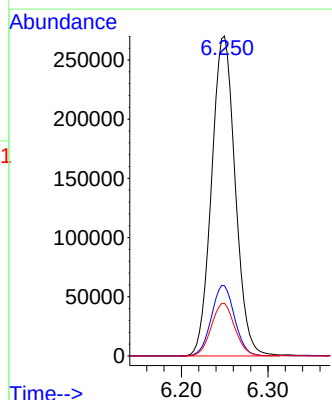
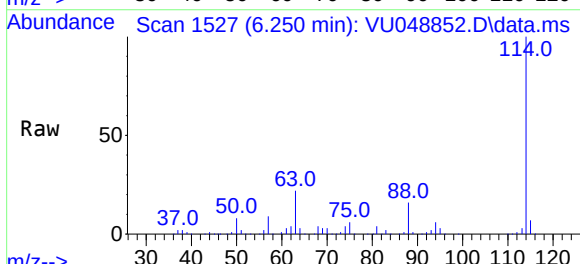
Tgt Ion: 114 Resp: 511582

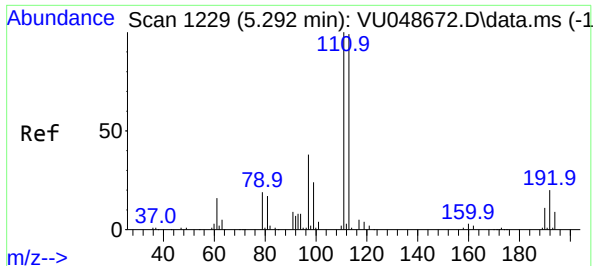
Ion Ratio Lower Upper

114 100

63 21.9 0.0 42.6

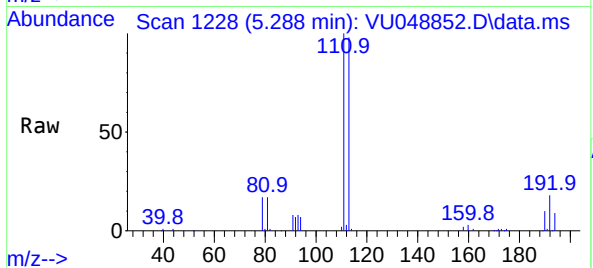
88 16.5 0.0 32.2



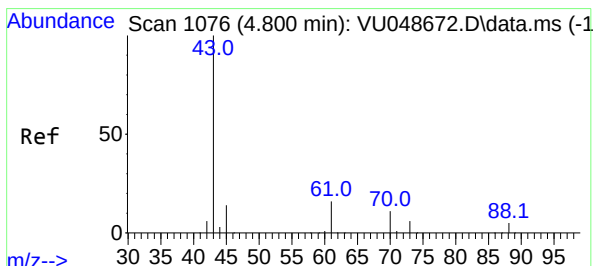
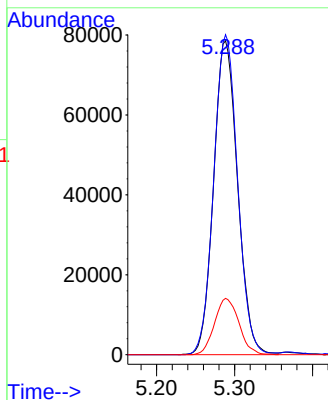
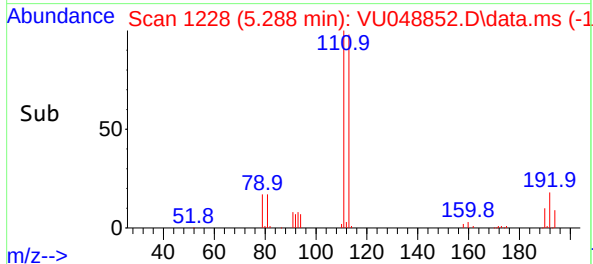


#35
Dibromofluoromethane
Concen: 46.142 ug/l
RT: 5.288 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048852.D
Acq: 03 Jun 2022 13:07

Instrument :
MSVOA_U
ClientSampleId :
40030DL

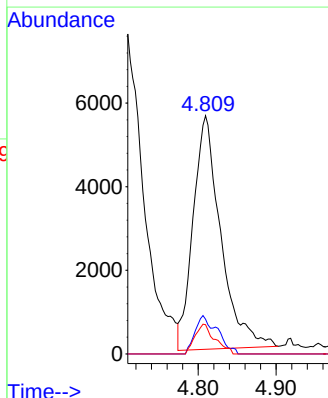
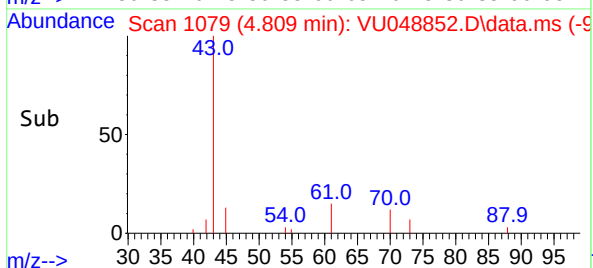
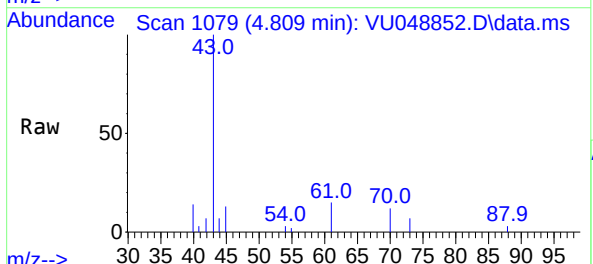


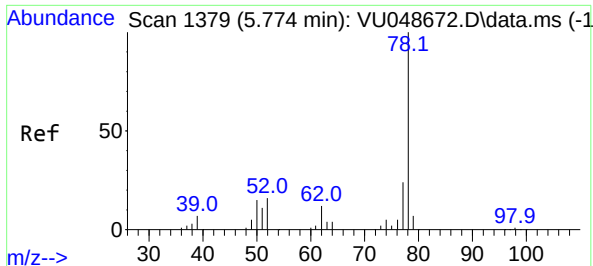
Tgt Ion:113 Resp: 168408
Ion Ratio Lower Upper
113 100
111 101.3 80.7 121.1
192 18.2 15.9 23.9



#37
Ethyl Acetate
Concen: 2.049 ug/l
RT: 4.809 min Scan# 1079
Delta R.T. 0.010 min
Lab File: VU048852.D
Acq: 03 Jun 2022 13:07

Tgt Ion: 43 Resp: 13798
Ion Ratio Lower Upper
43 100
61 13.2 11.7 17.5
70 9.2 8.4 12.6

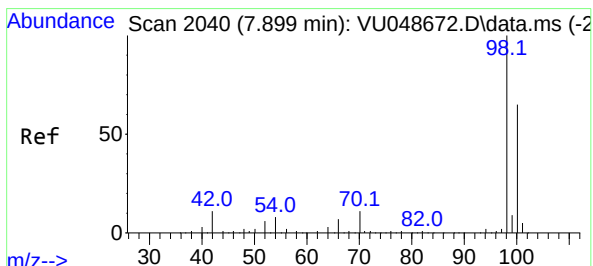
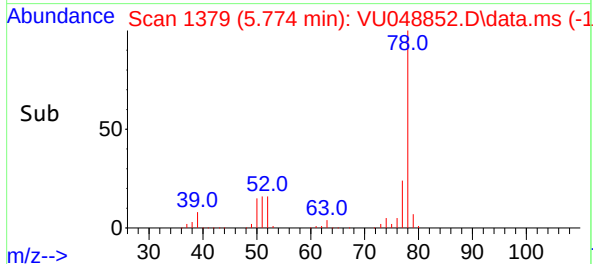
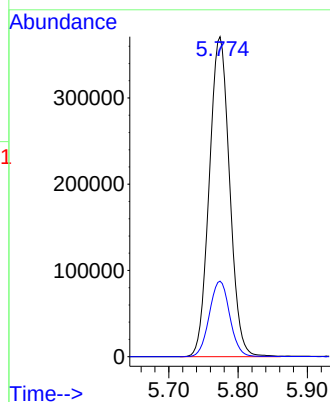
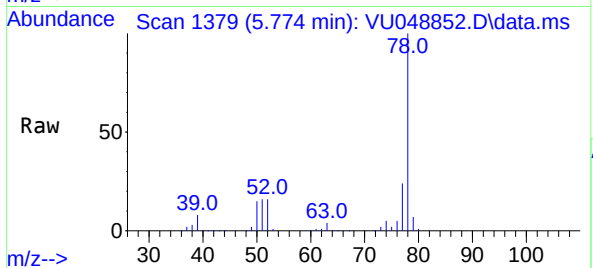




#40
Benzene
Concen: 47.980 ug/l
RT: 5.774 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU048852.D
Acq: 03 Jun 2022 13:07

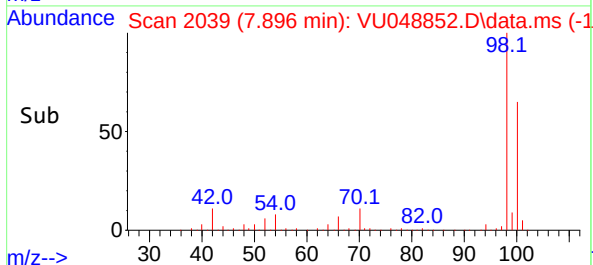
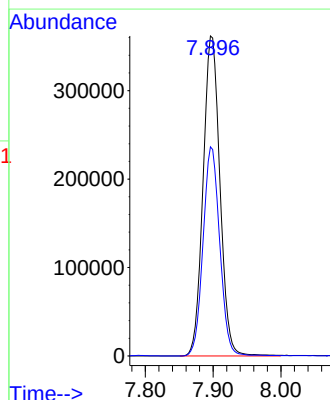
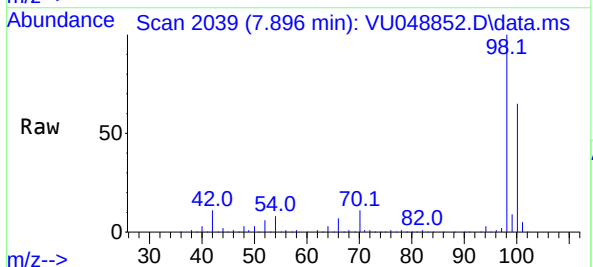
Instrument :
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ClientSampleId :
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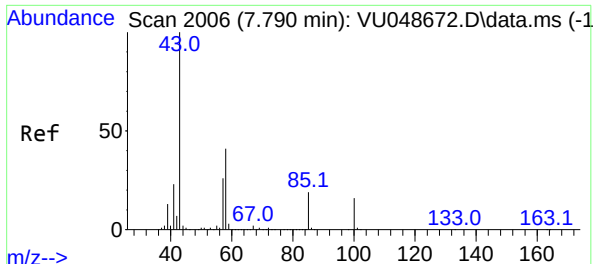
Tgt Ion: 78 Resp: 754540
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6



#50
Toluene-d8
Concen: 47.780 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. -0.003 min
Lab File: VU048852.D
Acq: 03 Jun 2022 13:07

Tgt Ion: 98 Resp: 625105
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.4

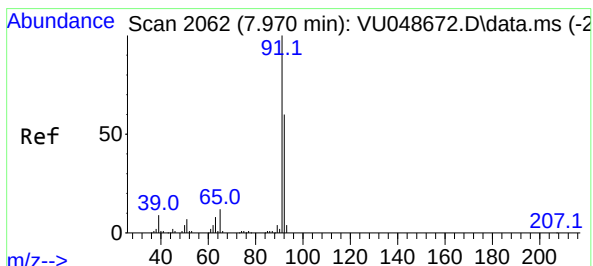
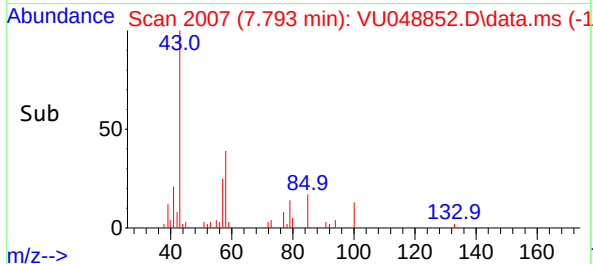
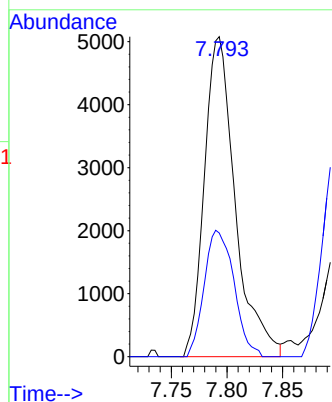
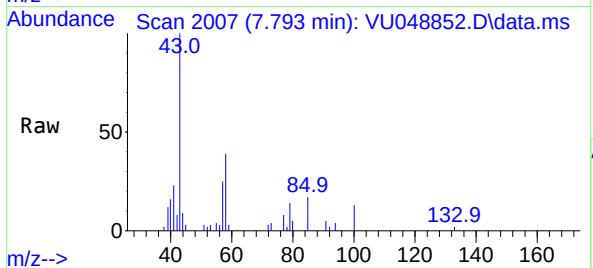




#51
4-Methyl-2-Pentanone
Concen: 1.543 ug/l
RT: 7.793 min Scan# 2006
Delta R.T. 0.003 min
Lab File: VU048852.D
Acq: 03 Jun 2022 13:07

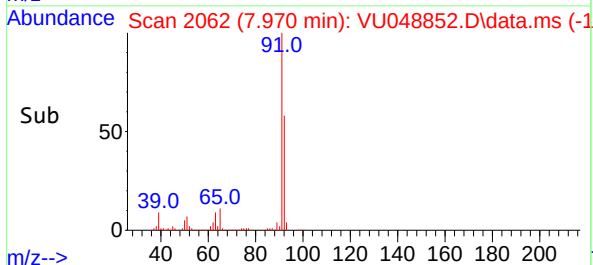
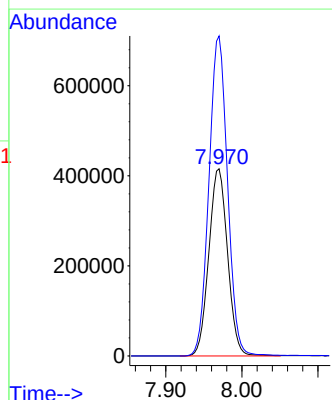
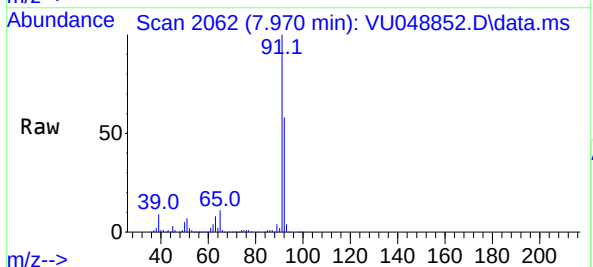
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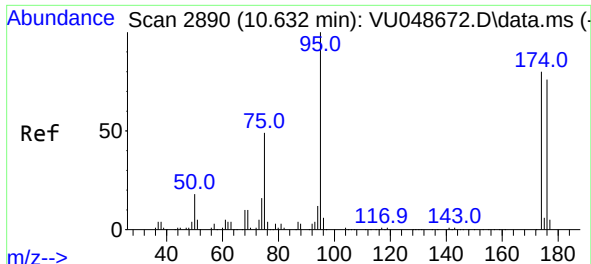
Tgt Ion: 43 Resp: 9792
Ion Ratio Lower Upper
43 100
58 38.0 32.7 49.1



#52
Toluene
Concen: 75.647 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU048852.D
Acq: 03 Jun 2022 13:07

Tgt Ion: 92 Resp: 711577
Ion Ratio Lower Upper
92 100
91 169.5 135.0 202.4

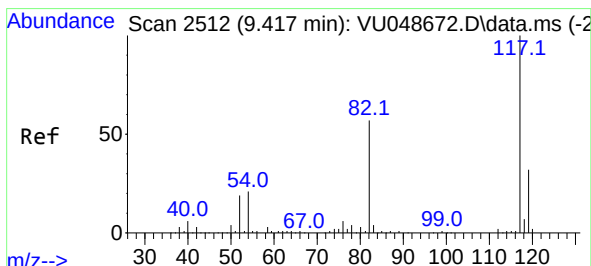
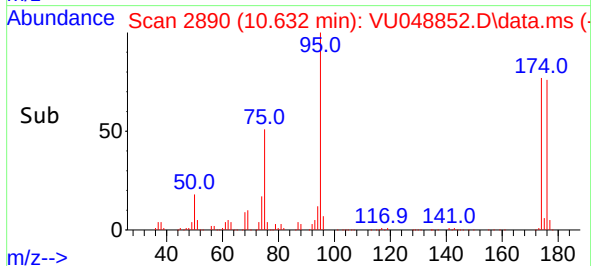
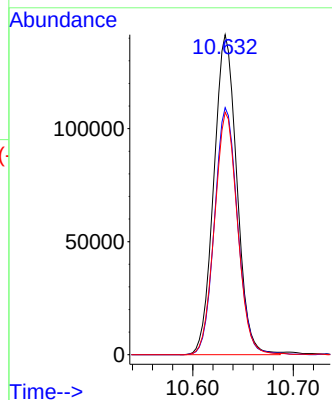
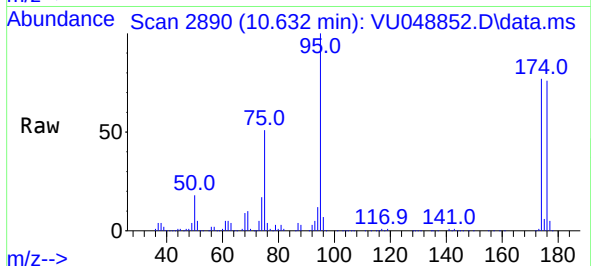




#62
4-Bromofluorobenzene
Concen: 45.468 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU048852.D
Acq: 03 Jun 2022 13:07

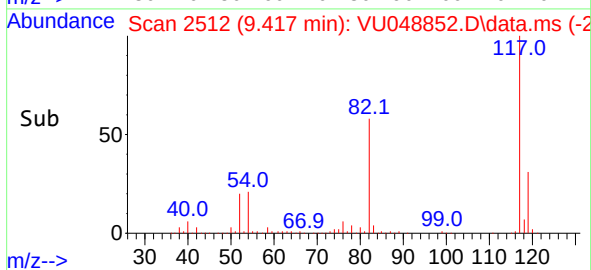
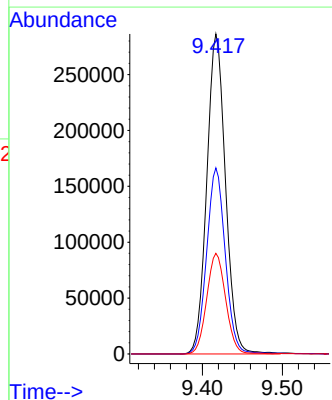
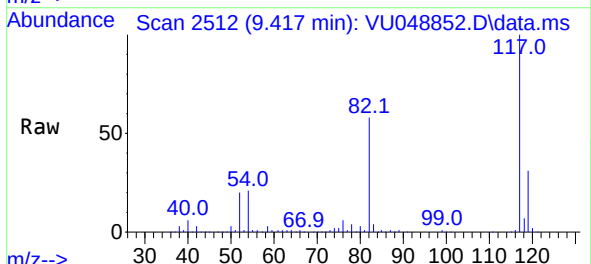
Instrument :
MSVOA_U
ClientSampleId :
40030DL

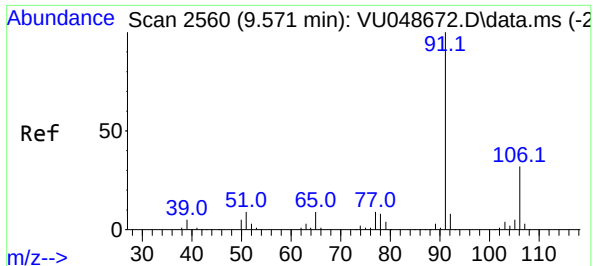
Tgt Ion: 95 Resp: 224972
Ion Ratio Lower Upper
95 100
174 77.3 0.0 159.4
176 75.8 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.000 min
Lab File: VU048852.D
Acq: 03 Jun 2022 13:07

Tgt Ion: 117 Resp: 466921
Ion Ratio Lower Upper
117 100
82 58.2 45.3 67.9
119 31.4 25.4 38.2

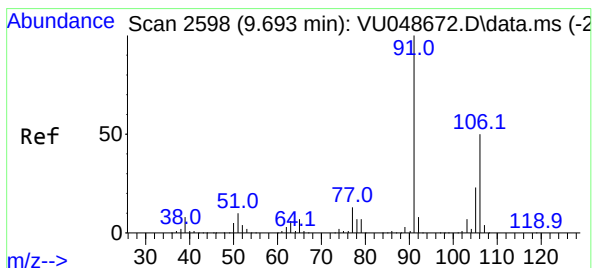
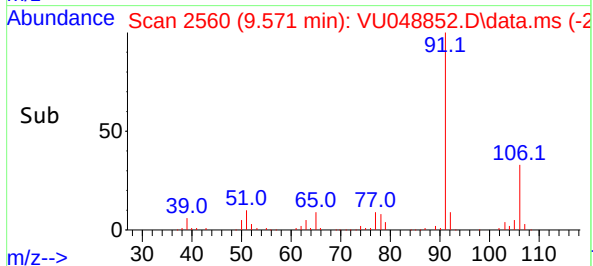
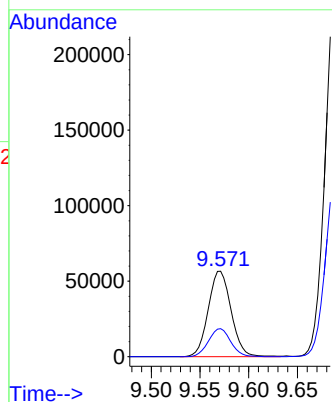
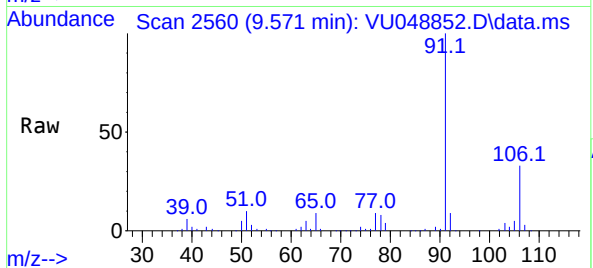




#67
Ethyl Benzene
Concen: 5.553 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU048852.D
Acq: 03 Jun 2022 13:07

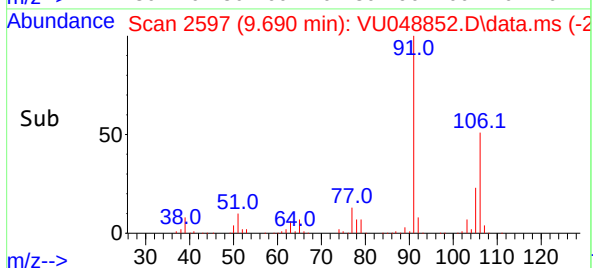
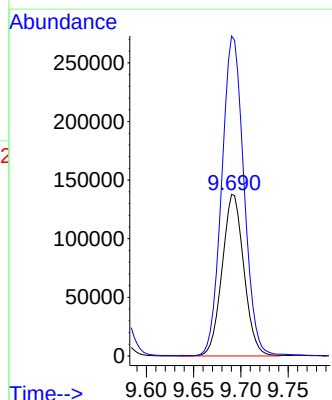
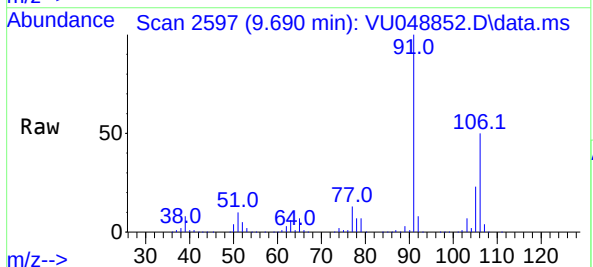
Instrument :
MSVOA_U
ClientSampleId :
40030DL

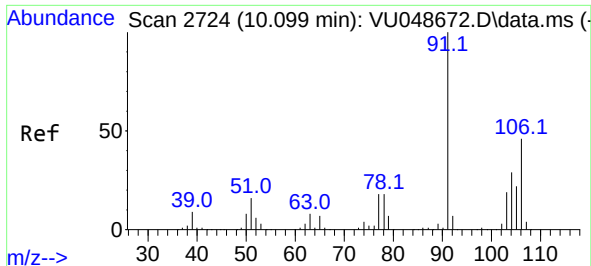
Tgt Ion: 91 Resp: 92493
Ion Ratio Lower Upper
91 100
106 32.8 25.4 38.2



#68
m/p-Xylenes
Concen: 33.863 ug/l
RT: 9.690 min Scan# 2597
Delta R.T. -0.003 min
Lab File: VU048852.D
Acq: 03 Jun 2022 13:07

Tgt Ion: 106 Resp: 220597
Ion Ratio Lower Upper
106 100
91 202.0 162.4 243.6

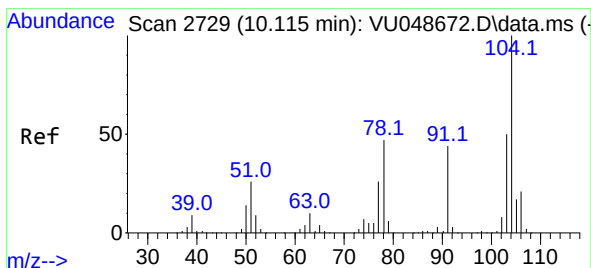
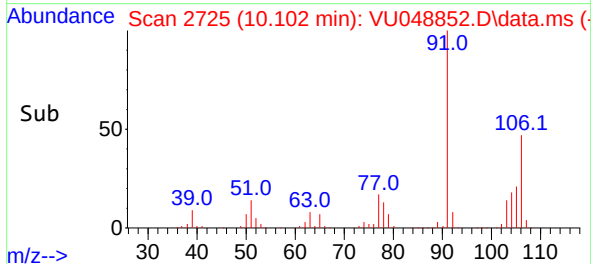
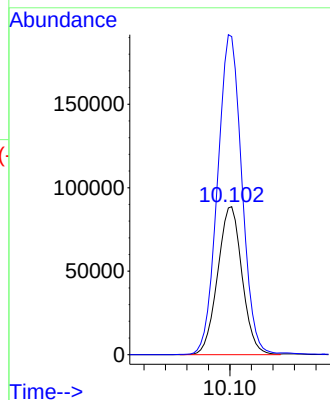
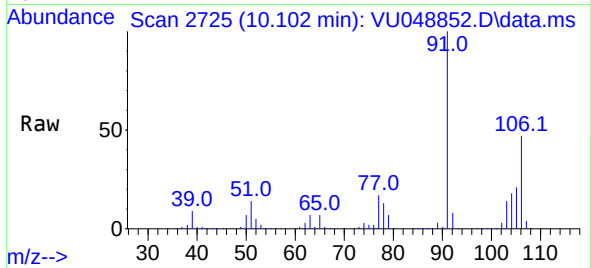




#69
o-Xylene
Concen: 21.886 ug/l
RT: 10.102 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU048852.D
Acq: 03 Jun 2022 13:07

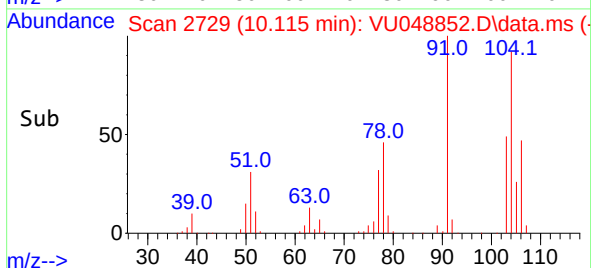
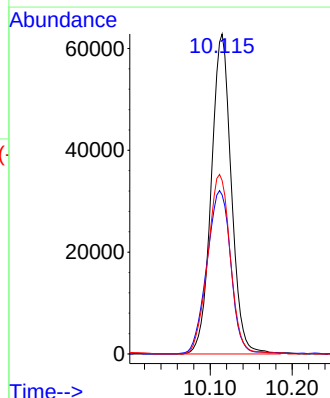
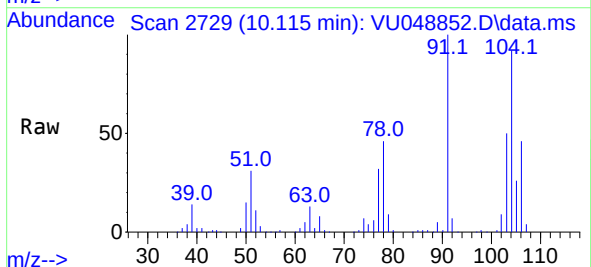
Instrument :
MSVOA_U
ClientSampleId :
40030DL

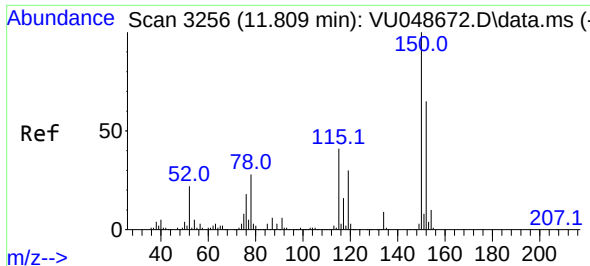
Tgt Ion:106 Resp: 140073
Ion Ratio Lower Upper
106 100
91 215.3 107.7 323.3



#70
Styrene
Concen: 10.172 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU048852.D
Acq: 03 Jun 2022 13:07

Tgt Ion:104 Resp: 107076
Ion Ratio Lower Upper
104 100
78 60.7 41.2 61.8
103 62.9 43.4 65.2

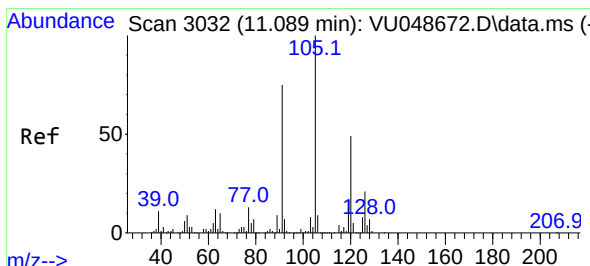
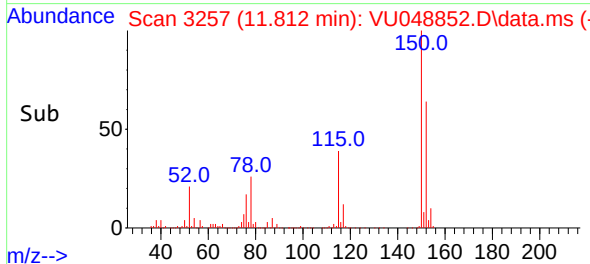
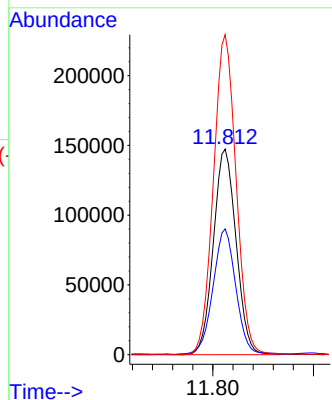
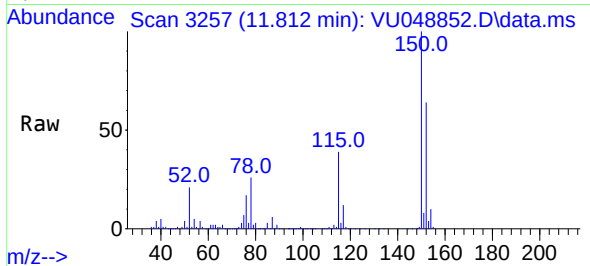




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048852.D
Acq: 03 Jun 2022 13:07

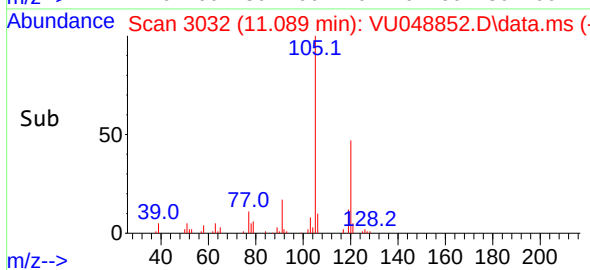
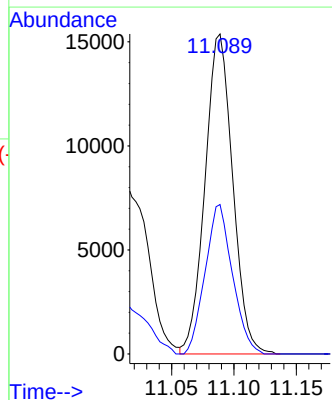
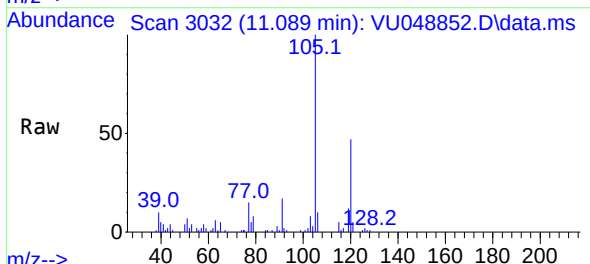
Instrument :
MSVOA_U
ClientSampleId :
40030DL

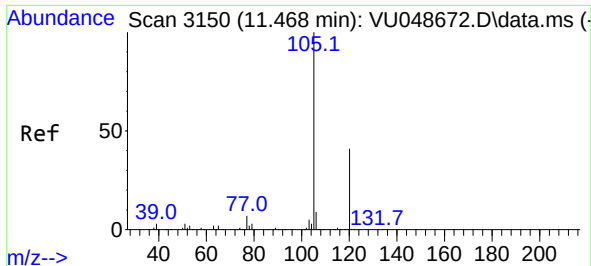
Tgt Ion:152 Resp: 231247
Ion Ratio Lower Upper
152 100
115 61.2 41.8 125.4
150 155.6 0.0 341.0



#80
1,3,5-Trimethylbenzene
Concen: 1.830 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU048852.D
Acq: 03 Jun 2022 13:07

Tgt Ion:105 Resp: 23759
Ion Ratio Lower Upper
105 100
120 46.0 24.1 72.3

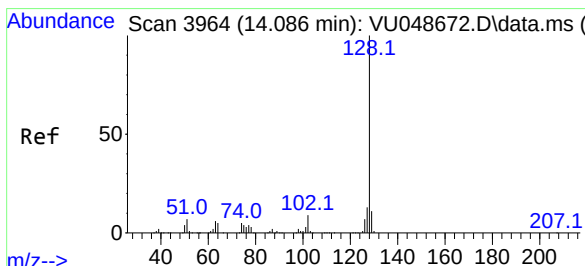
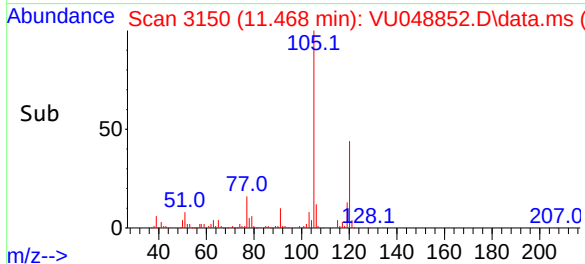
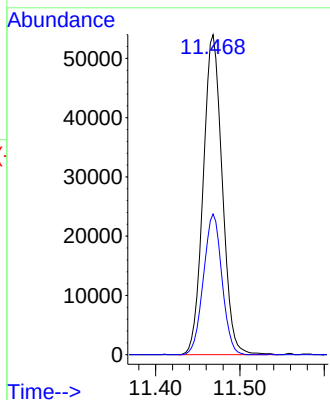
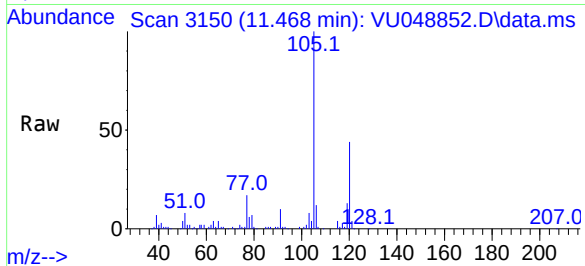




#84
1,2,4-Trimethylbenzene
Concen: 7.113 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU048852.D
Acq: 03 Jun 2022 13:07

Instrument :
MSVOA_U
ClientSampleId :
40030DL

Tgt Ion:105 Resp: 84937
Ion Ratio Lower Upper
105 100
120 42.7 22.5 67.5



#95
Naphthalene
Concen: 63.437 ug/l
RT: 14.085 min Scan# 3964
Delta R.T. -0.001 min
Lab File: VU048852.D
Acq: 03 Jun 2022 13:07

Tgt Ion:128 Resp: 1167755
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.0 8.7 13.1

