

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
 Data File : VU048701.D
 Acq On : 27 May 2022 18:12
 Operator : SY/MD
 Sample : N3064-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TRIP-BLANK

Quant Time: May 28 00:22:40 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)

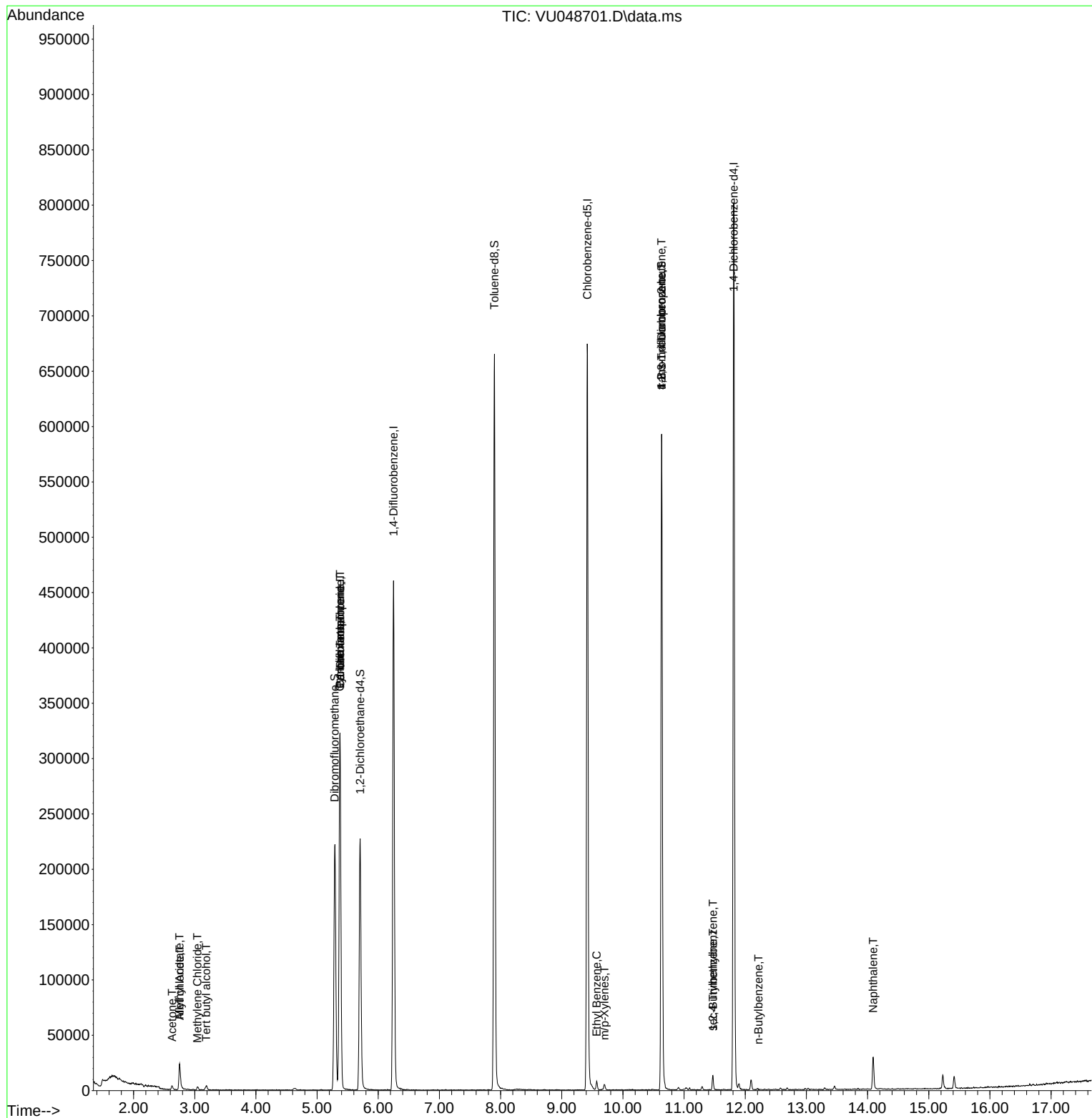
Internal Standards						
1) Pentafluorobenzene	5.375	168	222315	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	372087	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	380389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	217076	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	175589	52.591	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.180%	
35) Dibromofluoromethane	5.288	113	148335	55.879	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.760%	
50) Toluene-d8	7.899	98	448907	47.176	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 94.360%	
62) 4-Bromofluorobenzene	10.632	95	201228	55.917	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 111.840%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.645	94	19	Below Cal	#	3
6) Chloroethane	1.899	64	147	Below Cal	#	43
11) Tert butyl alcohol	3.189	59	2489	2.940	ug/l #	28
14) Allyl chloride	2.755	41	2663	0.608	ug/l #	69
16) Acetone	2.629	43	4175	2.454	ug/l #	85
18) Methyl Acetate	2.751	43	6546	1.532	ug/l #	51
20) Methylene Chloride	3.041	84	1137	0.393	ug/l #	82
31) Cyclohexane	5.372	56	4616	1.097	ug/l #	4
36) 1,1-Dichloropropene	5.375	75	17692	4.567	ug/l #	48
38) Carbon Tetrachloride	5.375	117	22278	5.012	ug/l #	17
67) Ethyl Benzene	9.571	91	5751	0.424	ug/l	92
68) m/p-Xylenes	9.700	106	1672	0.315	ug/l	89
76) 1,2,3-Trichloropropane	10.632	75	101426	14.491	ug/l #	47
81) trans-1,4-Dichloro-2-b...	10.632	75	101426	52.616	ug/l #	13
84) 1,2,4-Trimethylbenzene	11.471	105	7649	1.755	ug/l	92
85) sec-Butylbenzene	11.471	105	7649	0.523	ug/l #	58
89) n-Butylbenzene	12.217	91	293	2.208	ug/l #	56
95) Naphthalene	14.092	128	24816	3.911	ug/l #	95

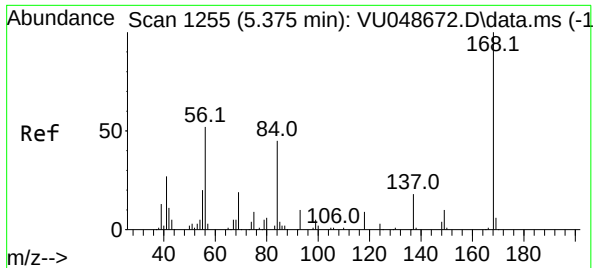
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
Data File : VU048701.D
Acq On : 27 May 2022 18:12
Operator : SY/MD
Sample : N3064-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK

Quant Time: May 28 00:22:40 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

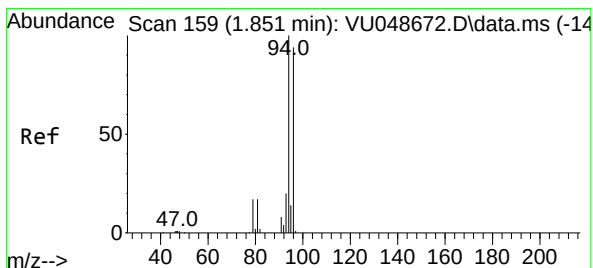
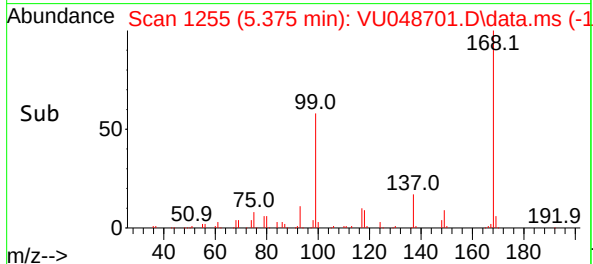
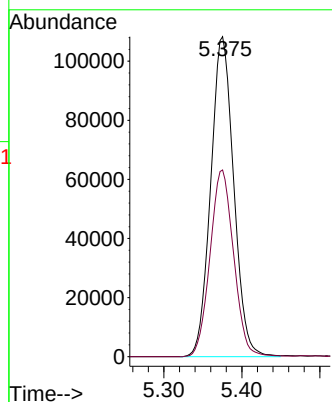
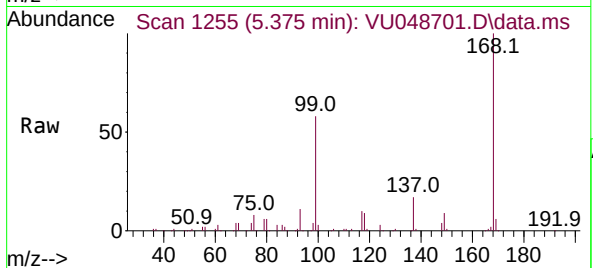




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048701.D
Acq: 27 May 2022 18:12

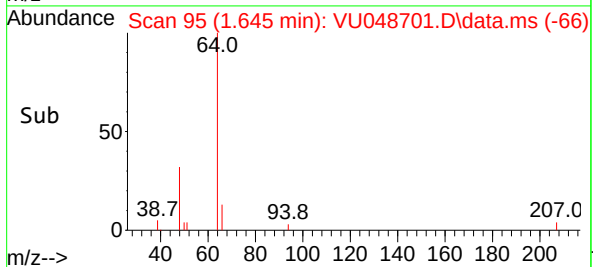
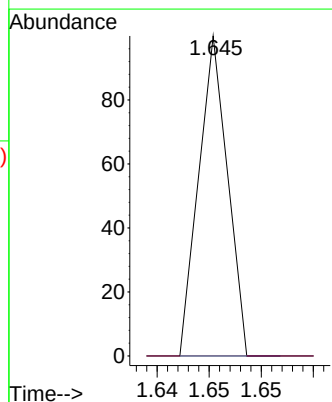
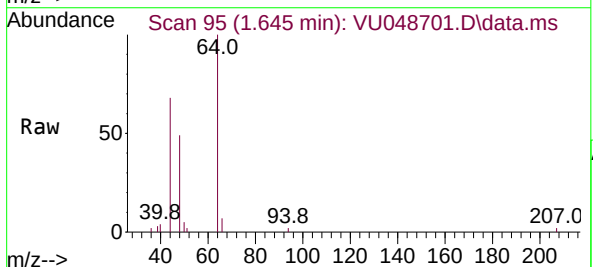
Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK

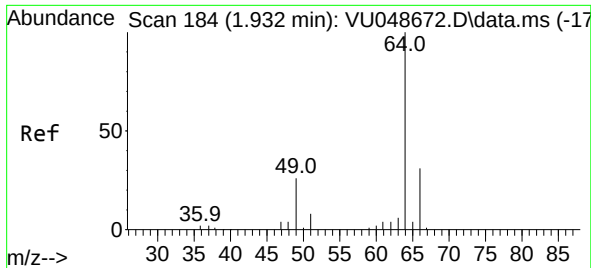
Tgt Ion:168 Resp: 222315
Ion Ratio Lower Upper
168 100
99 58.4 49.3 73.9



#5
Bromomethane
Concen: Below Cal
RT: 1.645 min Scan# 95
Delta R.T. -0.206 min
Lab File: VU048701.D
Acq: 27 May 2022 18:12

Tgt Ion: 94 Resp: 19
Ion Ratio Lower Upper
94 100
96 0.0 75.1 112.7#

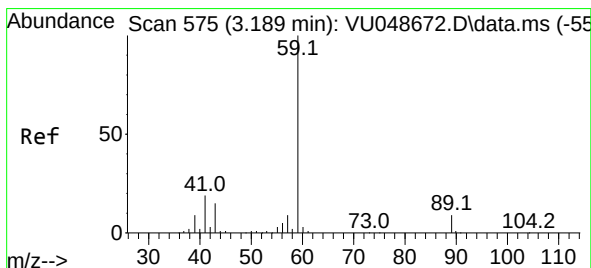
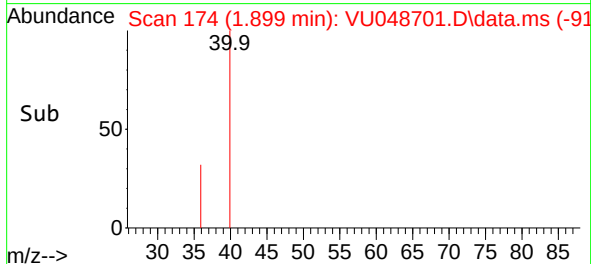
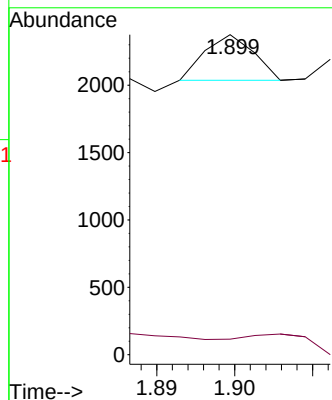
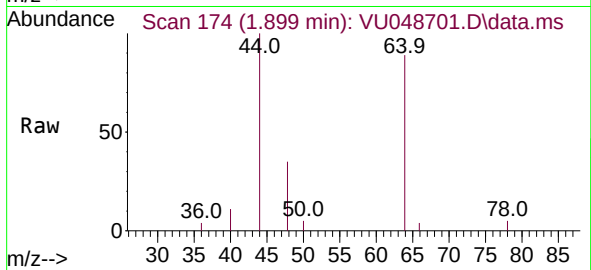




#6
Chloroethane
Concen: Below Cal
RT: 1.899 min Scan# 11
Delta R.T. -0.033 min
Lab File: VU048701.D
Acq: 27 May 2022 18:12

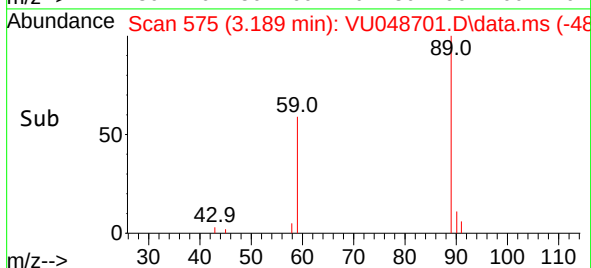
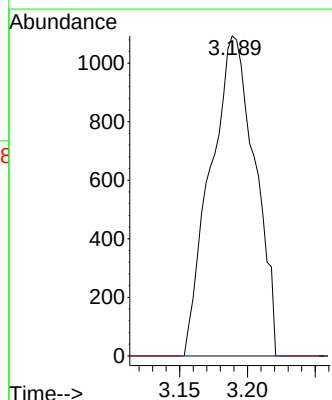
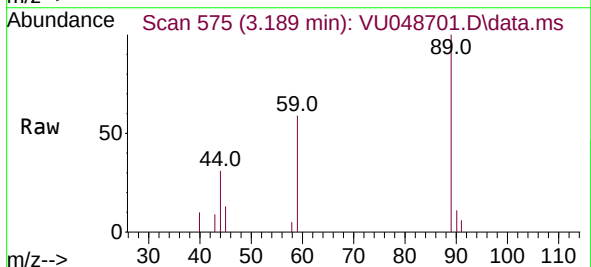
Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK

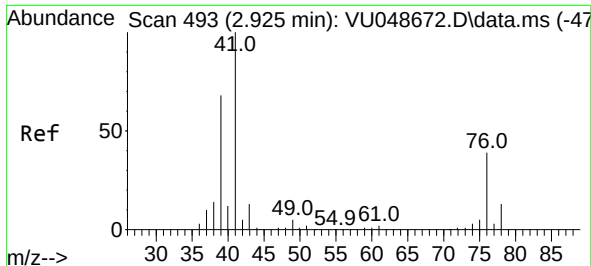
Tgt Ion: 64 Resp: 147
Ion Ratio Lower Upper
64 100
66 0.0 25.2 37.8#



#11
Tert butyl alcohol
Concen: 2.940 ug/l
RT: 3.189 min Scan# 575
Delta R.T. -0.000 min
Lab File: VU048701.D
Acq: 27 May 2022 18:12

Tgt Ion: 59 Resp: 2489
Ion Ratio Lower Upper
59 100
57 0.0 39.7 59.5#

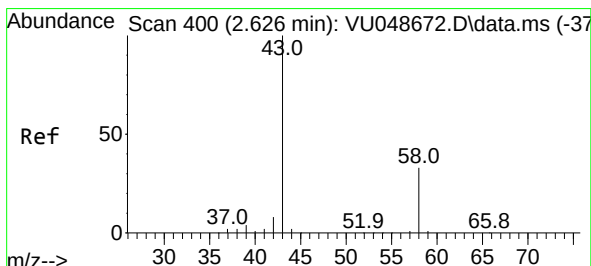
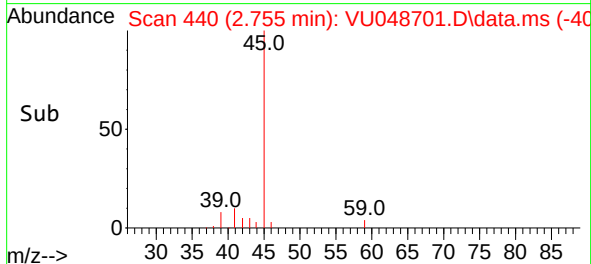
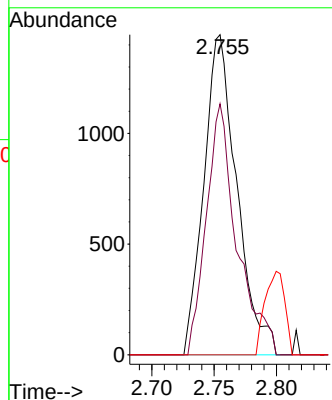
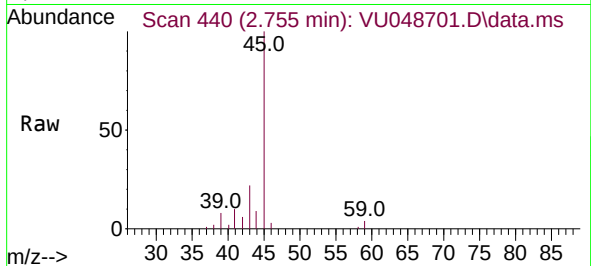




#14
 Allyl chloride
 Concen: 0.608 ug/l
 RT: 2.755 min Scan# 41
 Delta R.T. -0.171 min
 Lab File: VU048701.D
 Acq: 27 May 2022 18:12

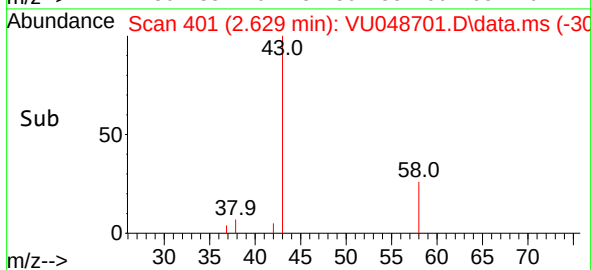
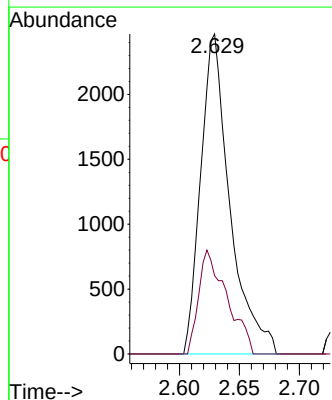
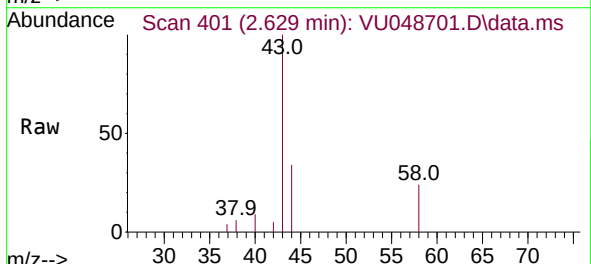
Instrument :
 MSVOA_U
 ClientSampleId :
 TRIP-BLANK

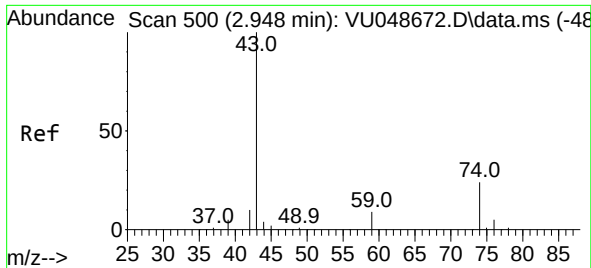
Tgt Ion: 41 Resp: 2663
 Ion Ratio Lower Upper
 41 100
 39 72.7 48.6 72.8
 76 0.0 27.0 40.4#



#16
 Acetone
 Concen: 2.454 ug/l
 RT: 2.629 min Scan# 401
 Delta R.T. 0.003 min
 Lab File: VU048701.D
 Acq: 27 May 2022 18:12

Tgt Ion: 43 Resp: 4175
 Ion Ratio Lower Upper
 43 100
 58 24.5 26.3 39.5#

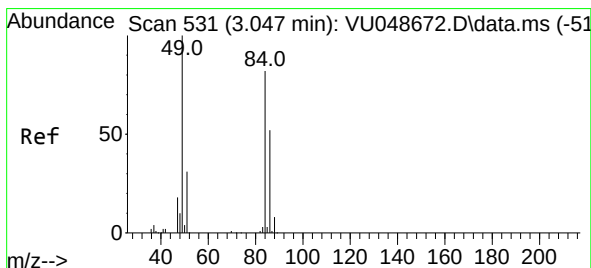
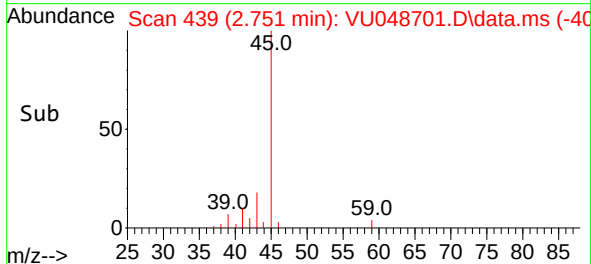
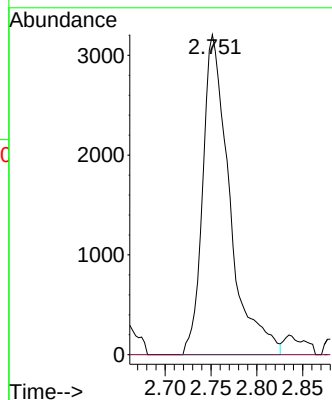
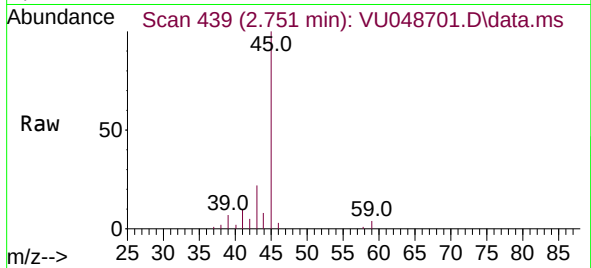




#18
Methyl Acetate
Concen: 1.532 ug/l
RT: 2.751 min Scan# 41
Delta R.T. -0.196 min
Lab File: VU048701.D
Acq: 27 May 2022 18:12

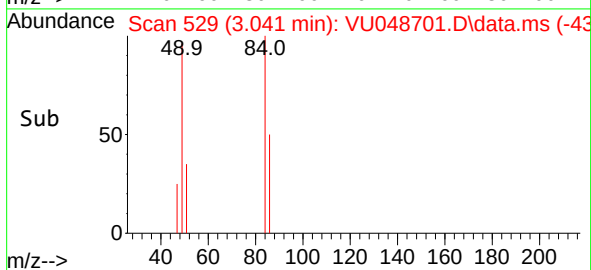
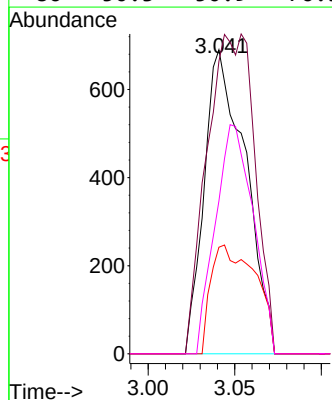
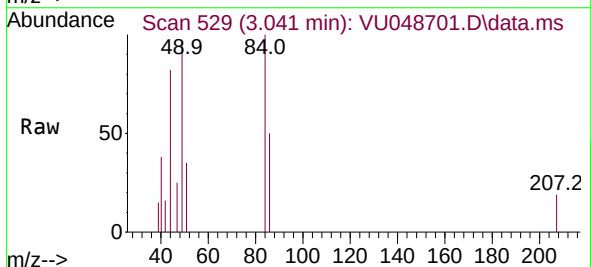
Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK

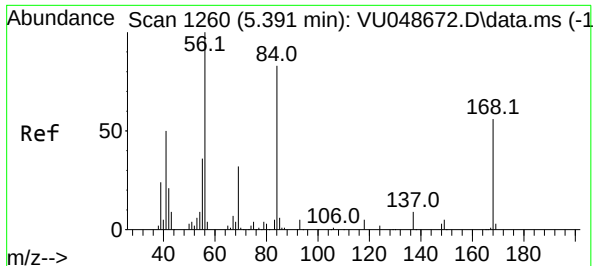
Tgt Ion: 43 Resp: 6546
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#



#20
Methylene Chloride
Concen: 0.393 ug/l
RT: 3.041 min Scan# 529
Delta R.T. -0.007 min
Lab File: VU048701.D
Acq: 27 May 2022 18:12

Tgt Ion: 84 Resp: 1137
Ion Ratio Lower Upper
84 100
49 96.2 97.0 145.4#
51 35.1 29.8 44.8
86 50.3 50.9 76.3#





#31

Cyclohexane

Concen: 1.097 ug/l

RT: 5.372 min Scan# 1254

Delta R.T. -0.019 min

Lab File: VU048701.D

Acq: 27 May 2022 18:12

Instrument :

MSVOA_U

ClientSampleId :

TRIP-BLANK

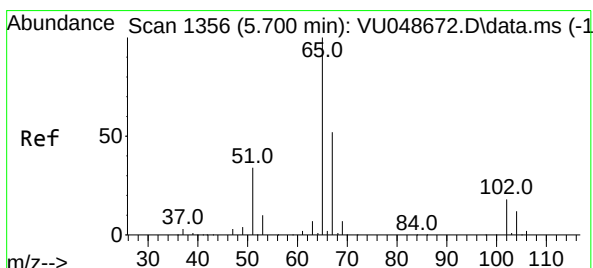
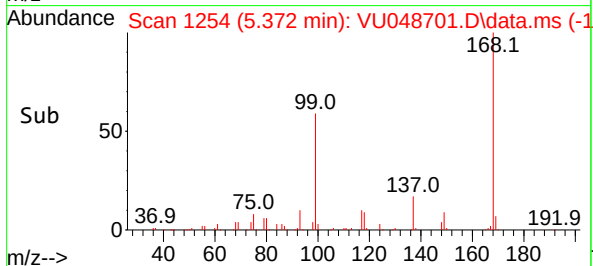
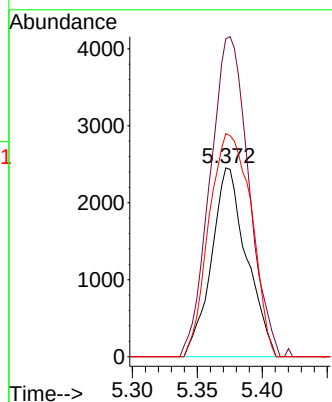
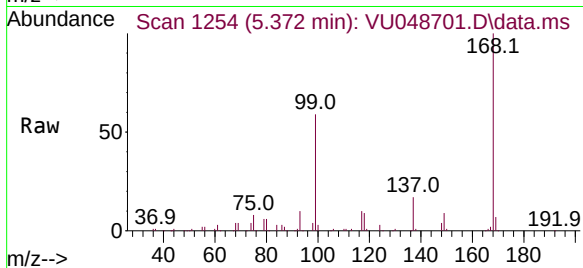
Tgt Ion: 56 Resp: 4616

Ion Ratio Lower Upper

56 100

69 168.4 25.6 38.4#

84 118.1 66.2 99.4#



#33

1,2-Dichloroethane-d4

Concen: 52.591 ug/l

RT: 5.703 min Scan# 1357

Delta R.T. 0.003 min

Lab File: VU048701.D

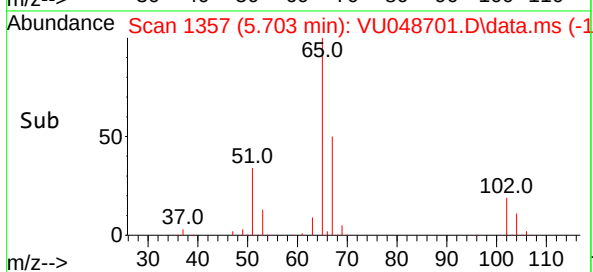
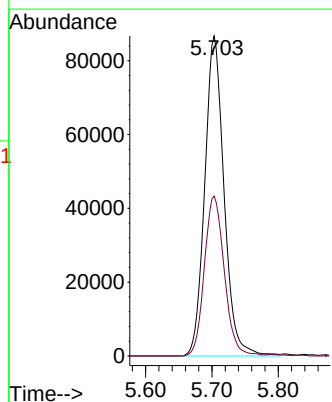
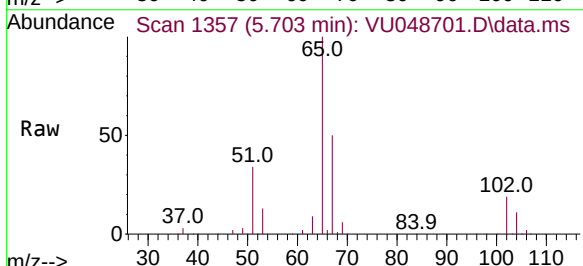
Acq: 27 May 2022 18:12

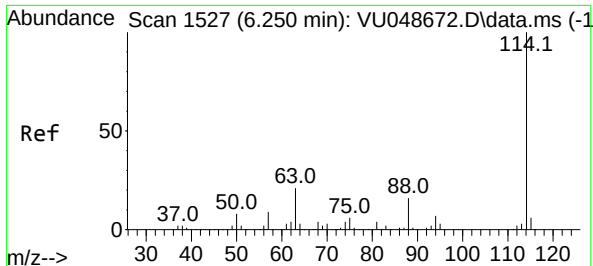
Tgt Ion: 65 Resp: 175589

Ion Ratio Lower Upper

65 100

67 51.5 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU048701.D

Acq: 27 May 2022 18:12

Instrument :

MSVOA_U

ClientSampleId :

TRIP-BLANK

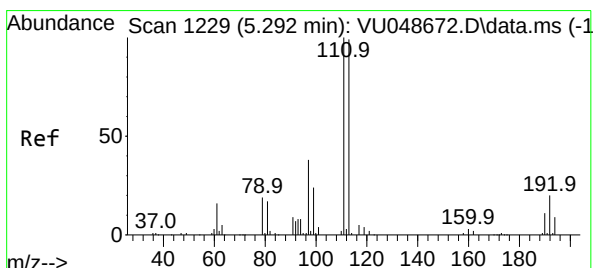
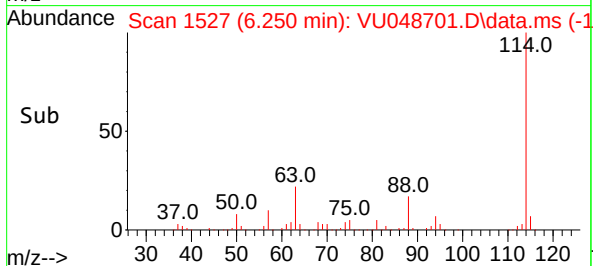
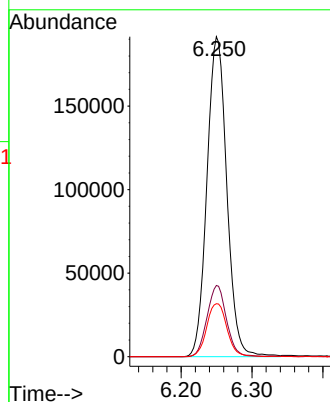
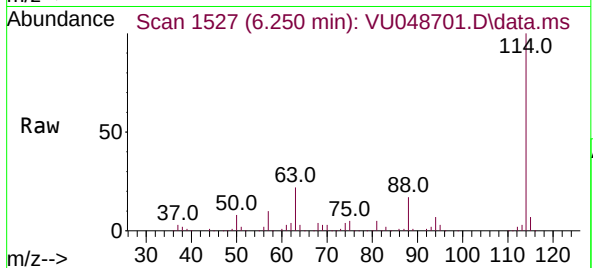
Tgt Ion:114 Resp: 372087

Ion Ratio Lower Upper

114 100

63 22.3 0.0 42.6

88 16.6 0.0 32.2



#35

Dibromofluoromethane

Concen: 55.879 ug/l

RT: 5.288 min Scan# 1228

Delta R.T. -0.003 min

Lab File: VU048701.D

Acq: 27 May 2022 18:12

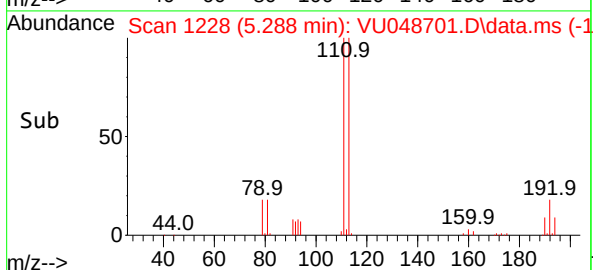
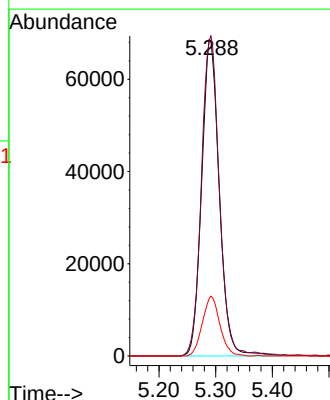
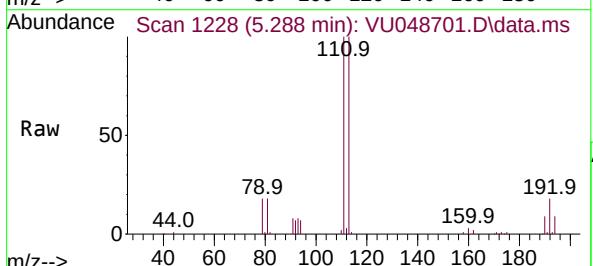
Tgt Ion:113 Resp: 148335

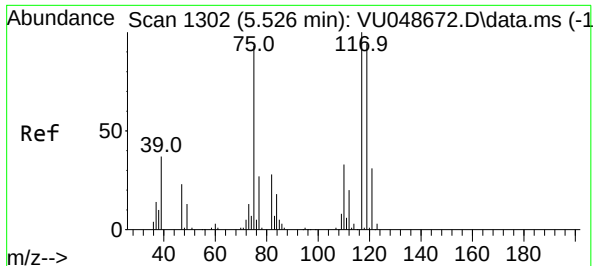
Ion Ratio Lower Upper

113 100

111 101.8 80.7 121.1

192 18.8 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.567 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.151 min

Lab File: VU048701.D

Acq: 27 May 2022 18:12

Instrument :

MSVOA_U

ClientSampleId :

TRIP-BLANK

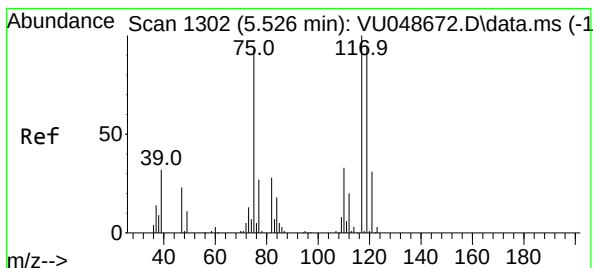
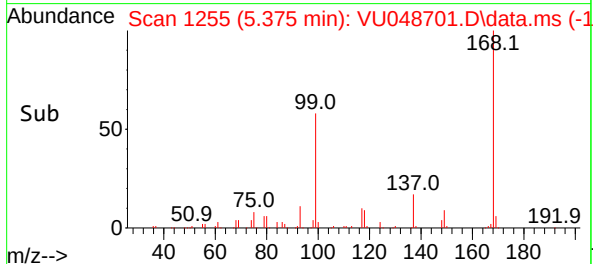
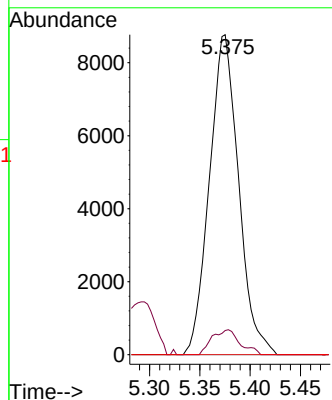
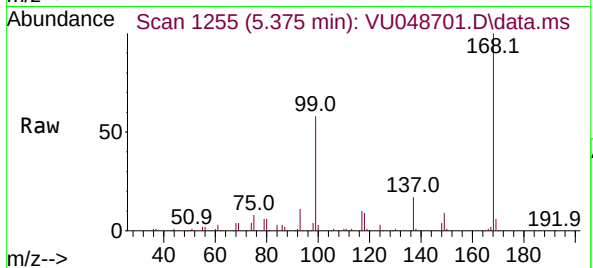
Tgt Ion: 75 Resp: 17692

Ion Ratio Lower Upper

75 100

110 7.5 17.4 52.3#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 5.012 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.151 min

Lab File: VU048701.D

Acq: 27 May 2022 18:12

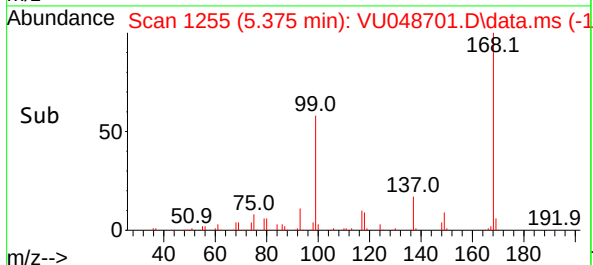
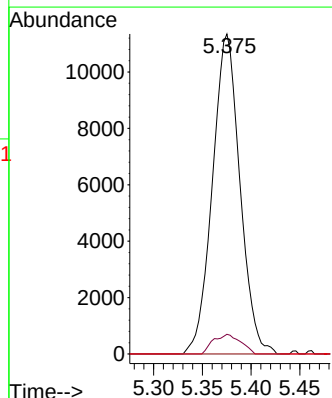
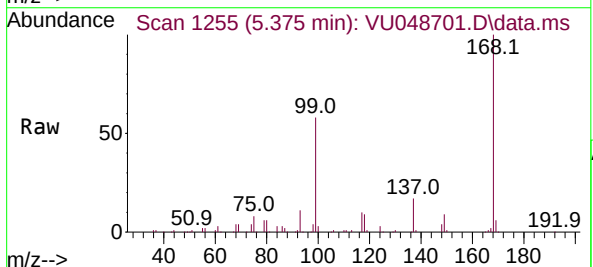
Tgt Ion: 117 Resp: 22278

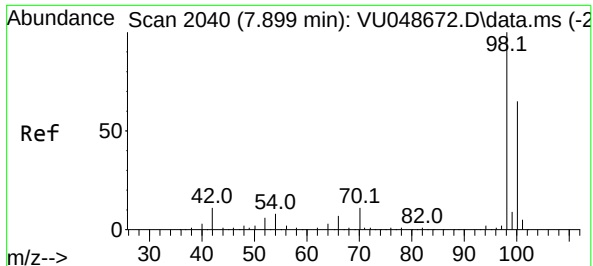
Ion Ratio Lower Upper

117 100

119 6.2 75.4 113.2#

121 0.0 24.6 36.8#





#50

Toluene-d8

Concen: 47.176 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. -0.000 min

Lab File: VU048701.D

Acq: 27 May 2022 18:12

Instrument :

MSVOA_U

ClientSampleId :

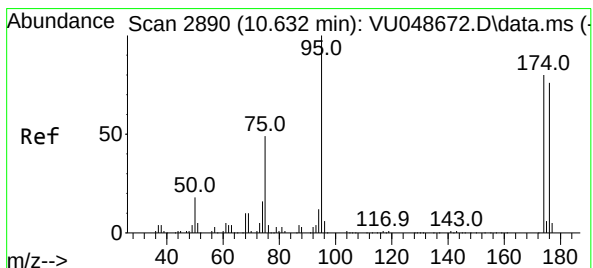
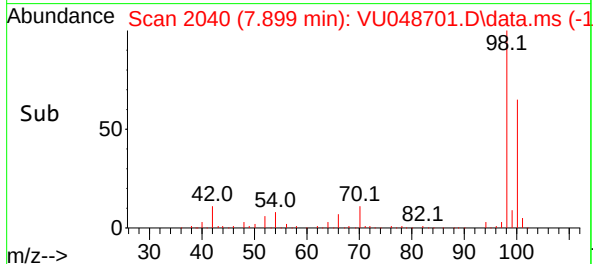
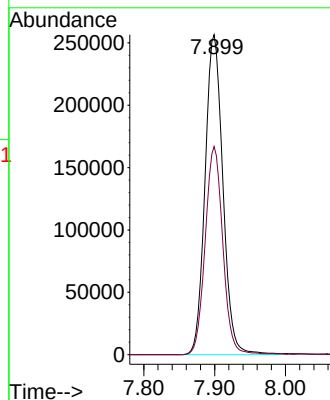
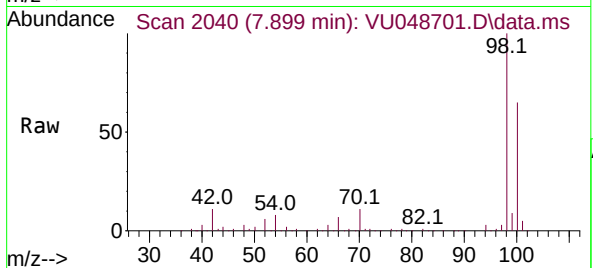
TRIP-BLANK

Tgt Ion: 98 Resp: 448907

Ion Ratio Lower Upper

98 100

100 64.2 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 55.917 ug/l

RT: 10.632 min Scan# 2890

Delta R.T. -0.000 min

Lab File: VU048701.D

Acq: 27 May 2022 18:12

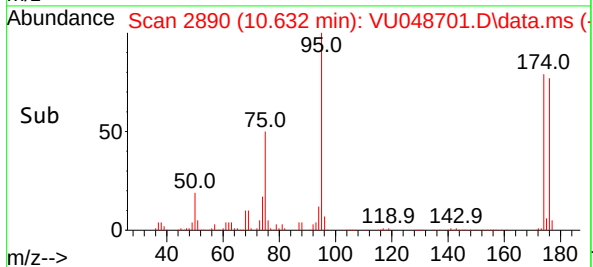
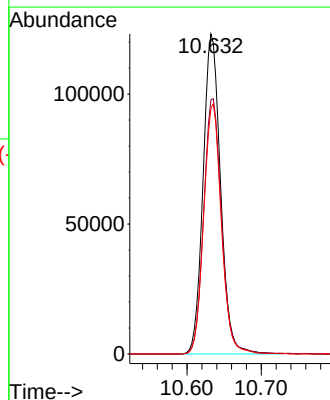
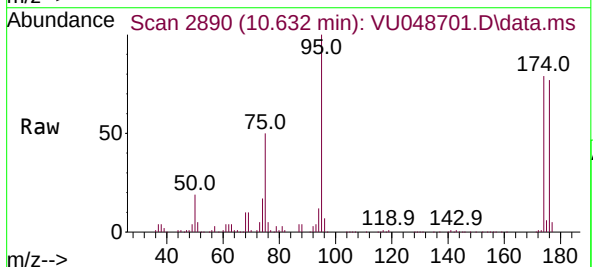
Tgt Ion: 95 Resp: 201228

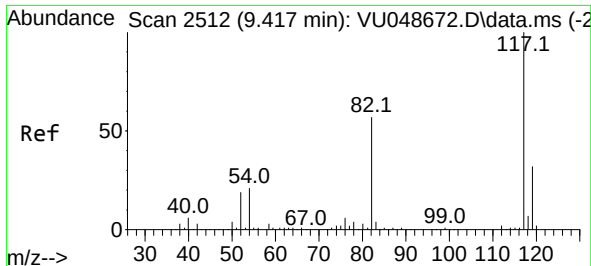
Ion Ratio Lower Upper

95 100

174 81.6 0.0 159.4

176 78.9 0.0 152.4

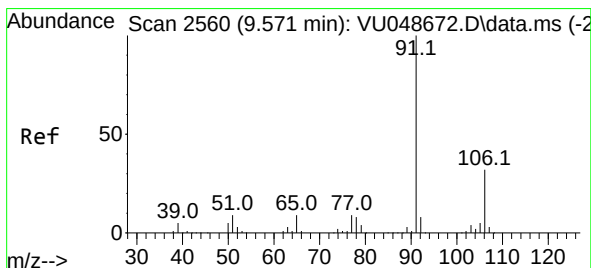
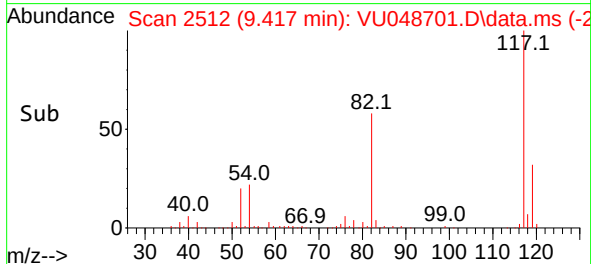
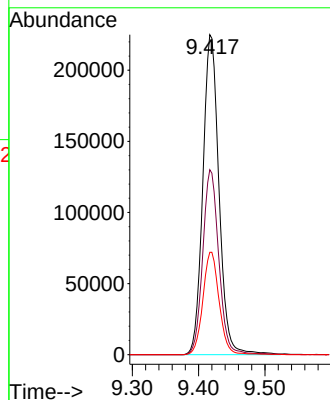
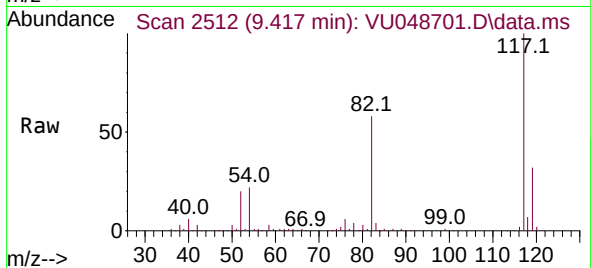




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048701.D
Acq: 27 May 2022 18:12

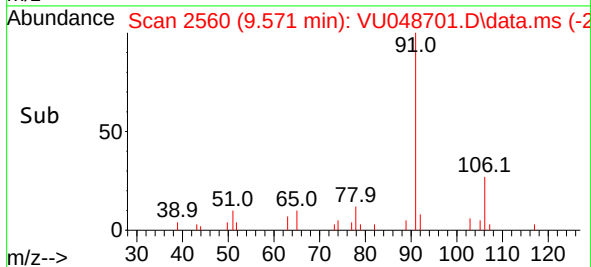
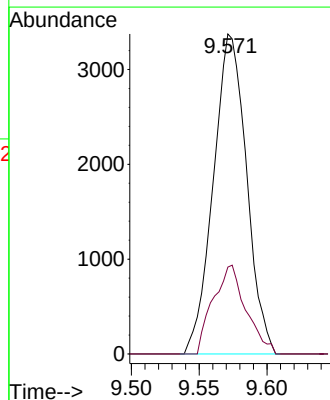
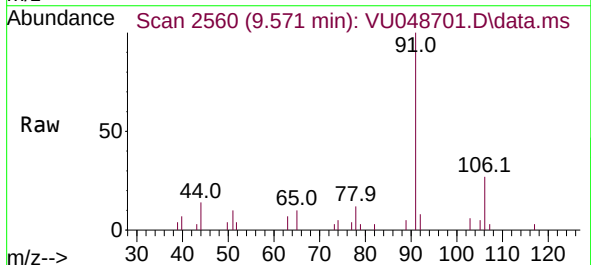
Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK

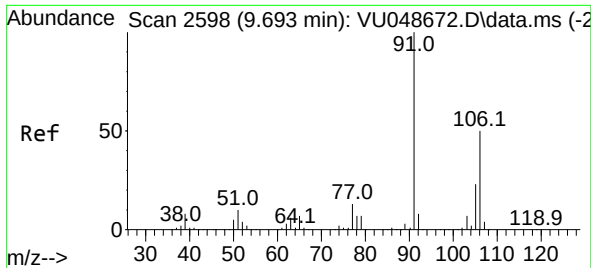
Tgt Ion:117 Resp: 380389
Ion Ratio Lower Upper
117 100
82 57.8 45.3 67.9
119 32.0 25.4 38.2



#67
Ethyl Benzene
Concen: 0.424 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU048701.D
Acq: 27 May 2022 18:12

Tgt Ion: 91 Resp: 5751
Ion Ratio Lower Upper
91 100
106 27.1 25.4 38.2

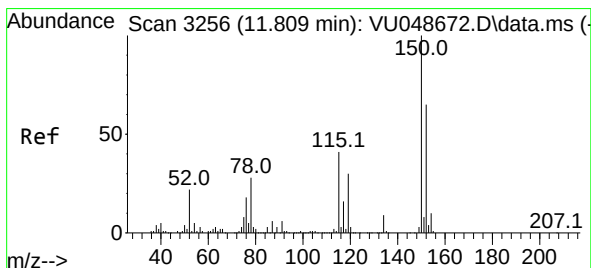
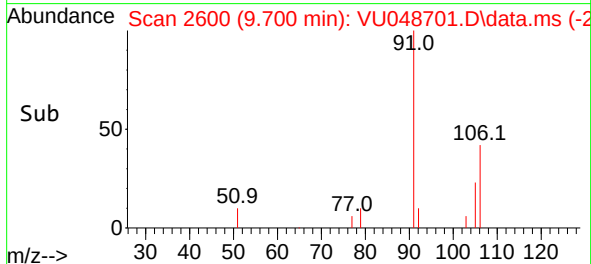
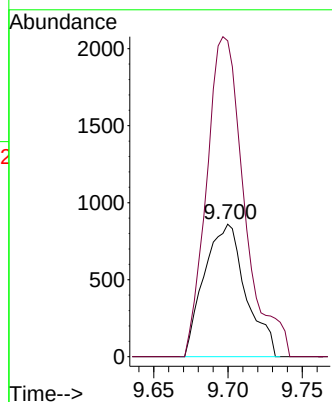
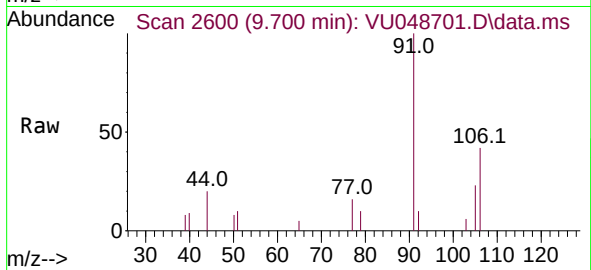




#68
m/p-Xylenes
Concen: 0.315 ug/l
RT: 9.700 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU048701.D
Acq: 27 May 2022 18:12

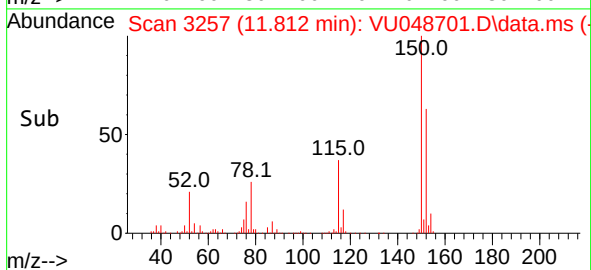
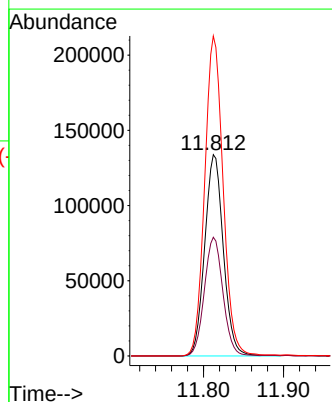
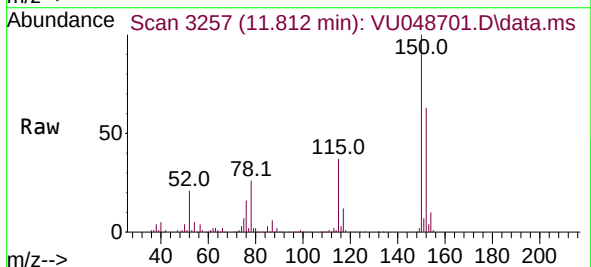
Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK

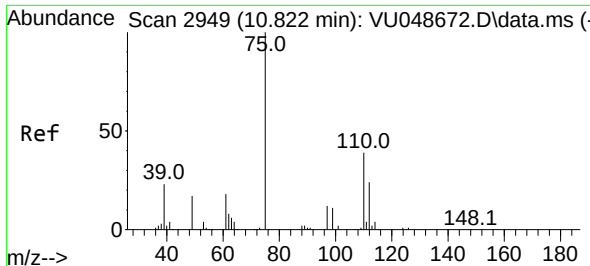
Tgt Ion:106 Resp: 1672
Ion Ratio Lower Upper
106 100
91 219.4 162.4 243.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU048701.D
Acq: 27 May 2022 18:12

Tgt Ion:152 Resp: 217076
Ion Ratio Lower Upper
152 100
115 58.7 41.8 125.4
150 156.7 0.0 341.0

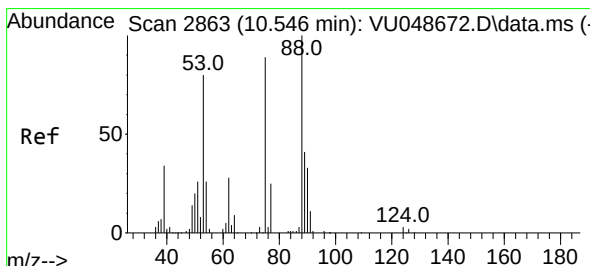
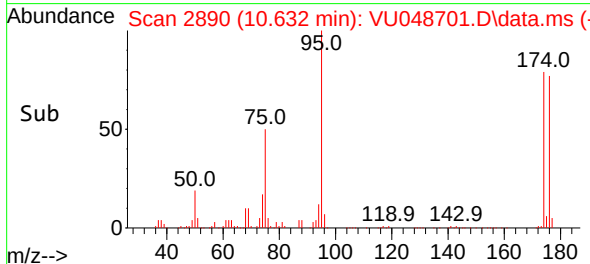
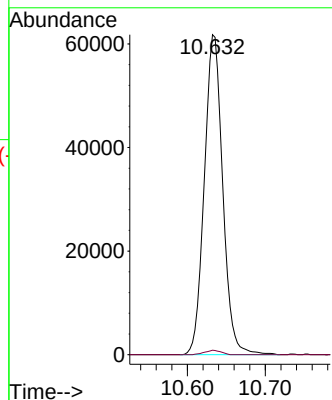
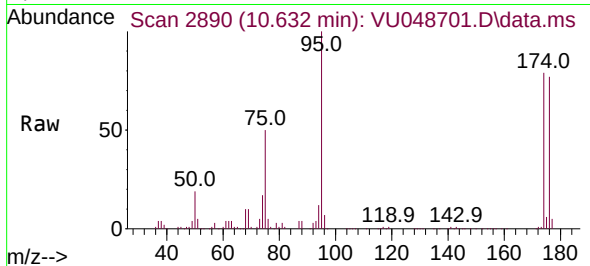




#76
1,2,3-Trichloropropane
Concen: 14.491 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.190 min
Lab File: VU048701.D
Acq: 27 May 2022 18:12

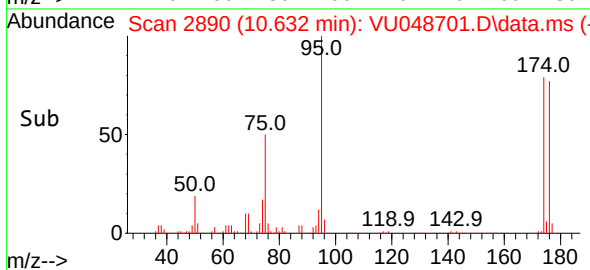
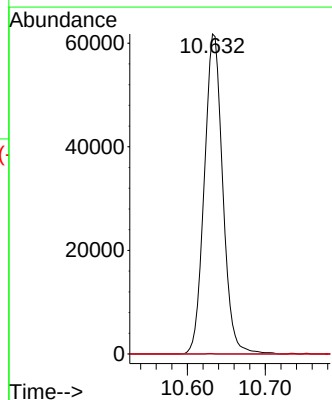
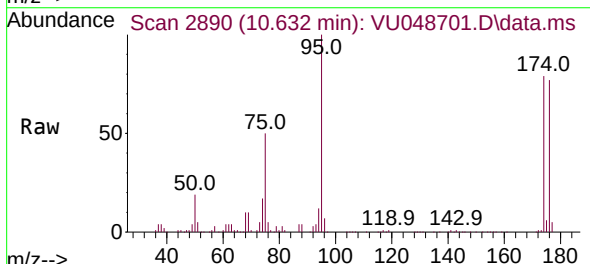
Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK

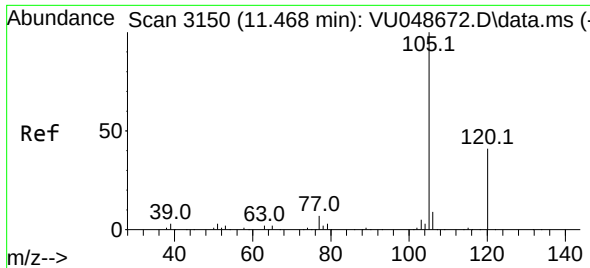
Tgt Ion: 75 Resp: 101426
Ion Ratio Lower Upper
75 100
77 1.2 14.8 44.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 52.616 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.087 min
Lab File: VU048701.D
Acq: 27 May 2022 18:12

Tgt Ion: 75 Resp: 101426
Ion Ratio Lower Upper
75 100
53 0.1 72.5 108.7#
89 0.0 37.0 55.4#

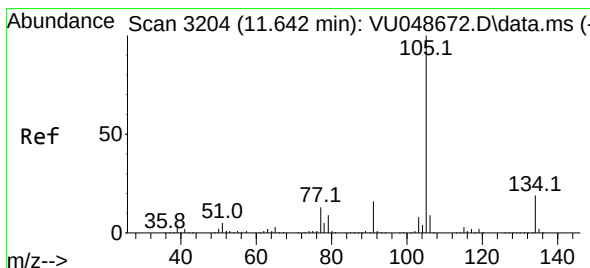
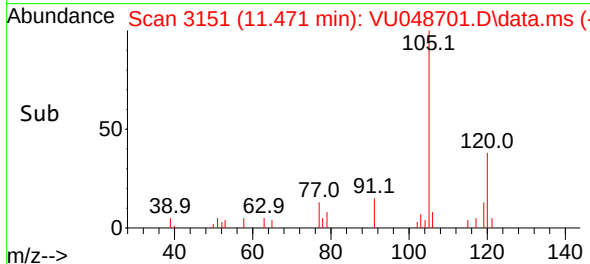
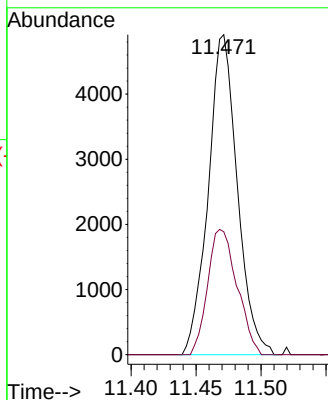
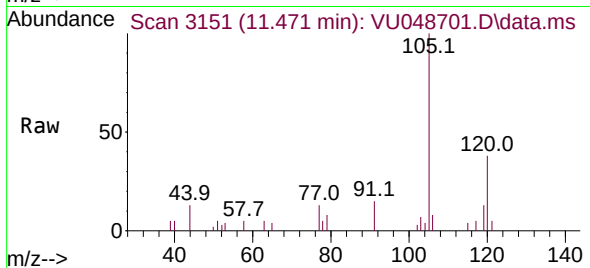




#84
1,2,4-Trimethylbenzene
Concen: 1.755 ug/l
RT: 11.471 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU048701.D
Acq: 27 May 2022 18:12

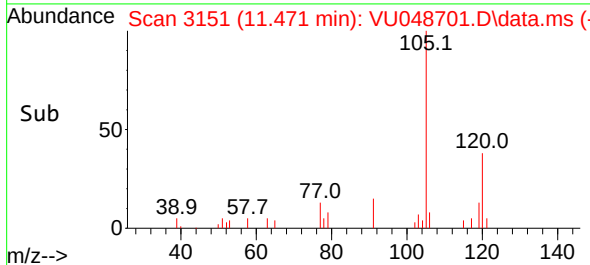
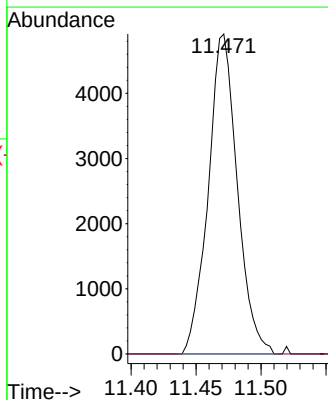
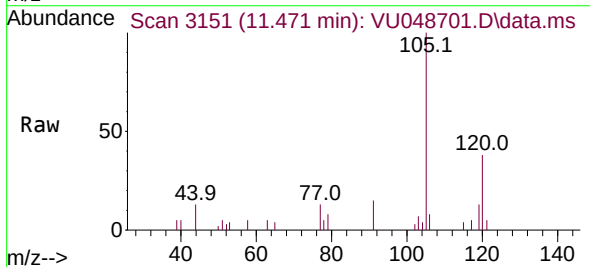
Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK

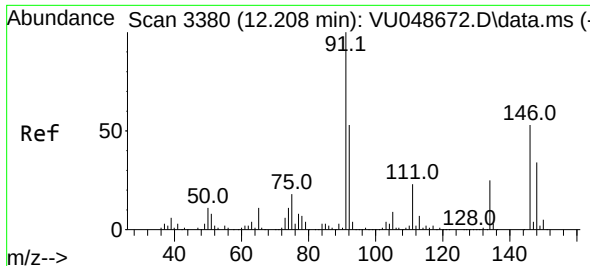
Tgt Ion:105 Resp: 7649
Ion Ratio Lower Upper
105 100
120 39.5 22.5 67.5



#85
sec-Butylbenzene
Concen: 0.523 ug/l
RT: 11.471 min Scan# 3151
Delta R.T. -0.171 min
Lab File: VU048701.D
Acq: 27 May 2022 18:12

Tgt Ion:105 Resp: 7649
Ion Ratio Lower Upper
105 100
134 0.0 9.6 28.6#





#89

n-Butylbenzene

Concen: 2.208 ug/l

RT: 12.217 min Scan# 31

Delta R.T. 0.009 min

Lab File: VU048701.D

Acq: 27 May 2022 18:12

Instrument :

MSVOA_U

ClientSampleId :

TRIP-BLANK

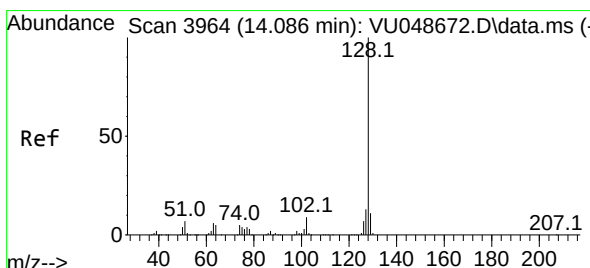
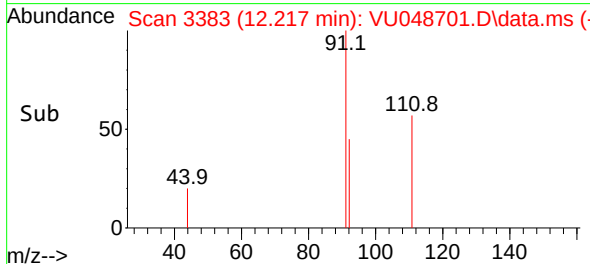
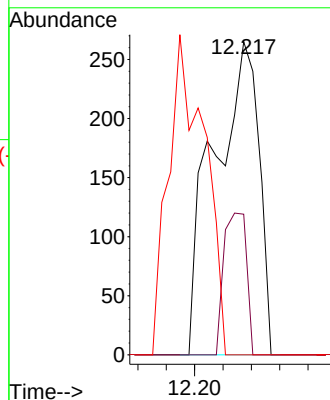
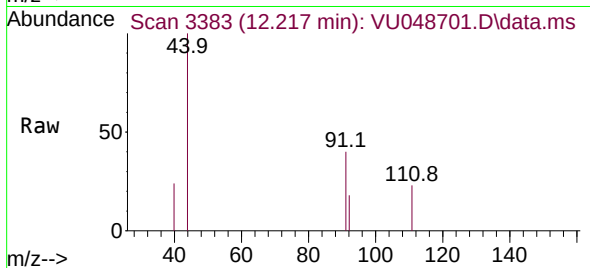
Tgt Ion: 91 Resp: 293

Ion Ratio Lower Upper

91 100

92 22.9 25.9 77.8#

134 0.0 12.5 37.5#



#95

Naphthalene

Concen: 3.911 ug/l

RT: 14.092 min Scan# 3966

Delta R.T. 0.006 min

Lab File: VU048701.D

Acq: 27 May 2022 18:12

Tgt Ion:128 Resp: 24816

Ion Ratio Lower Upper

128 100

127 15.8 10.2 15.4#

129 11.4 8.7 13.1

