

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060222\
 Data File : VU048830.D
 Acq On : 03 Jun 2022 02:27
 Operator : SY/MD
 Sample : N3112-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MH-117N-20220527

Quant Time: Jun 03 04:05:39 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	325476	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.247	114	535036	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	499303	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	228880	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	215676	44.123	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.240%
35) Dibromofluoromethane	5.288	113	176463	46.230	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.460%
50) Toluene-d8	7.896	98	661162	48.321	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.640%
62) 4-Bromofluorobenzene	10.632	95	236865	45.774	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.540%

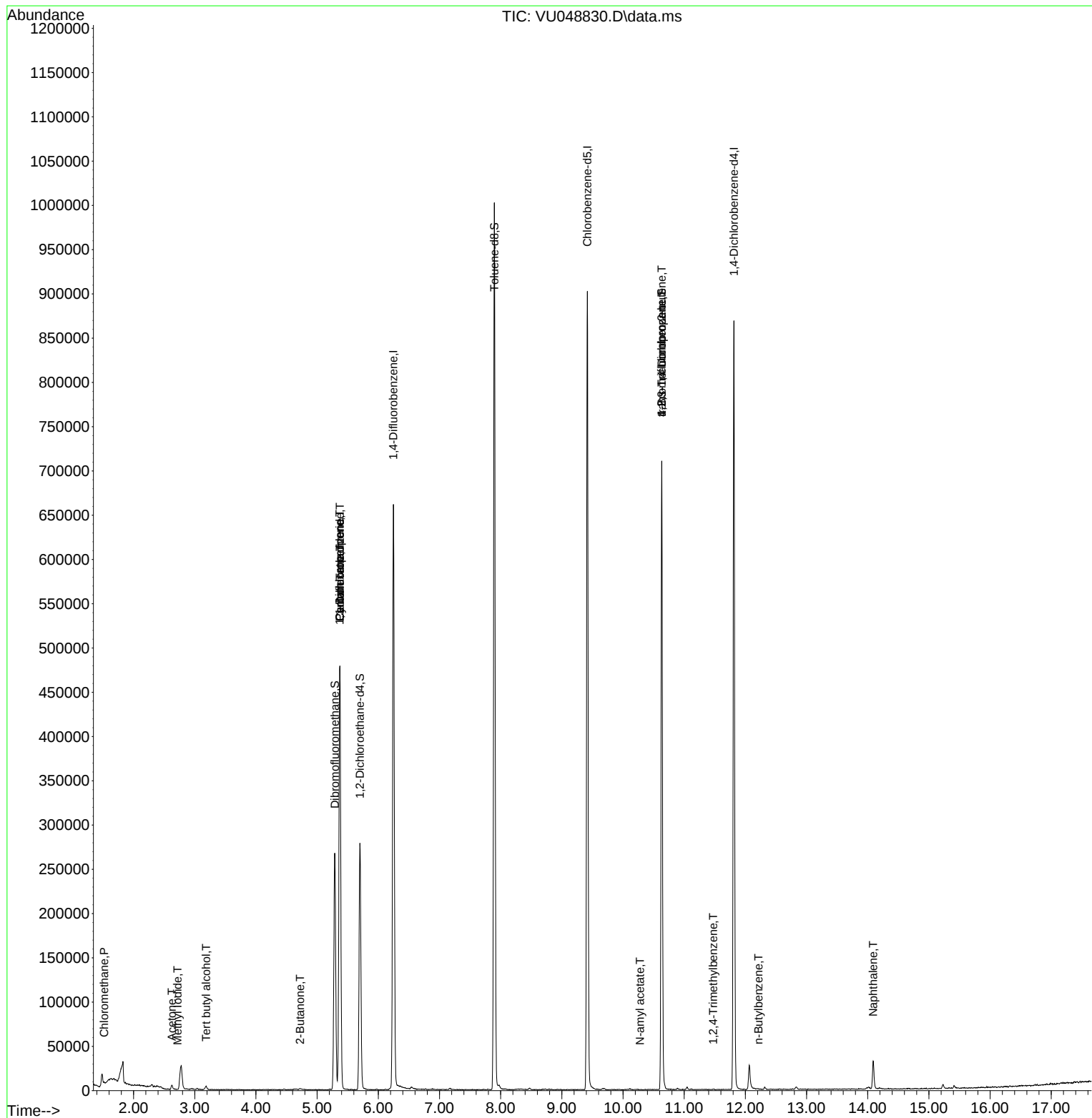
Target Compounds					Qvalue	
3) Chloromethane	1.520	50	1026	0.214	ug/l	# 69
5) Bromomethane	1.822	94	545	Below Cal		# 74
6) Chloroethane	2.051	64	157	Below Cal		# 43
10) Methyl Iodide	2.719	142	145	3.031	ug/l	# 37
11) Tert butyl alcohol	3.189	59	2349	1.895	ug/l	# 28
13) Acrolein	2.478	56	41	Below Cal		# 1
16) Acetone	2.626	43	5389	2.163	ug/l	94
25) 2-Butanone	4.719	43	2682	0.749	ug/l	95
31) Cyclohexane	5.372	56	6834	1.109	ug/l	# 1
36) 1,1-Dichloropropene	5.369	75	26552	4.766	ug/l	# 49
38) Carbon Tetrachloride	5.372	117	33510	5.243	ug/l	# 16
74) N-amyl acetate	10.279	43	103	2.480	ug/l	# 41
76) 1,2,3-Trichloropropane	10.632	75	121188	16.422	ug/l	# 47
81) trans-1,4-Dichloro-2-b...	10.632	75	121188	59.626	ug/l	# 13
84) 1,2,4-Trimethylbenzene	11.475	105	445	1.218	ug/l	# 31
89) n-Butylbenzene	12.214	91	274	2.205	ug/l	# 74
95) Naphthalene	14.089	128	26414	3.925	ug/l	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060222\
Data File : VU048830.D
Acq On : 03 Jun 2022 02:27
Operator : SY/MD
Sample : N3112-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MH-117N-20220527

Quant Time: Jun 03 04:05:39 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

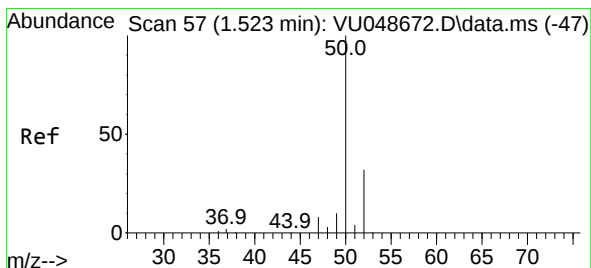
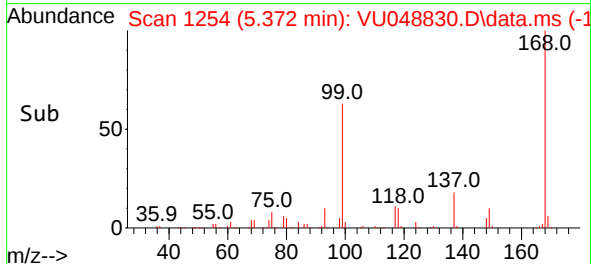
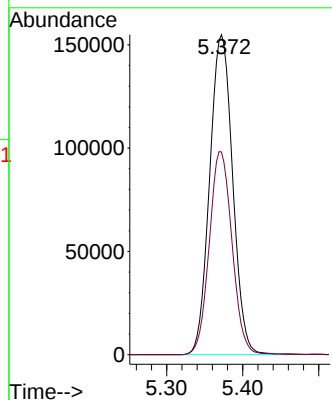
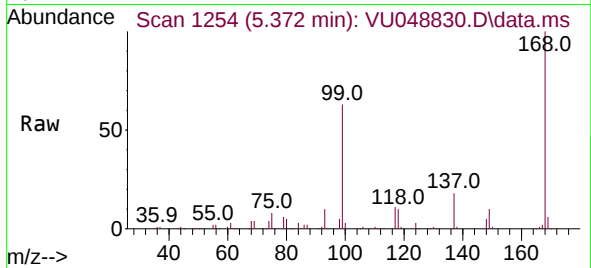




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048830.D
Acq: 03 Jun 2022 02:27

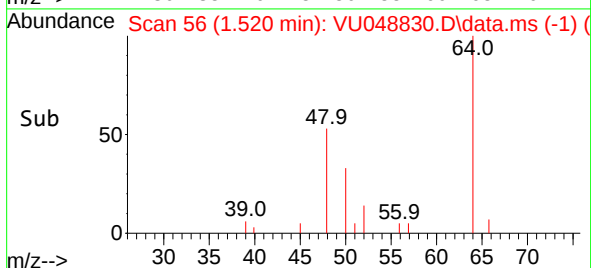
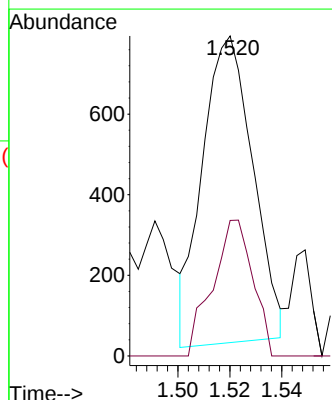
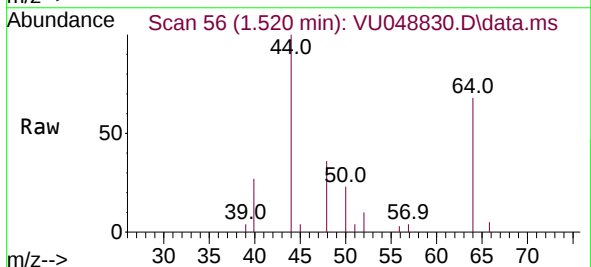
Instrument :
MSVOA_U
ClientSampleId :
MH-117N-20220527

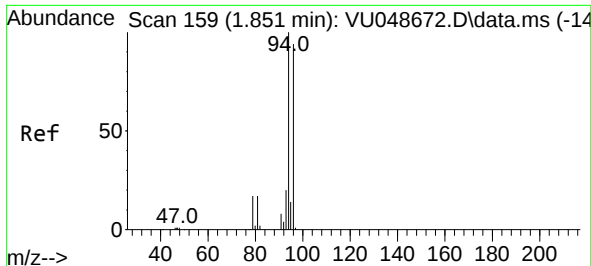
Tgt Ion:168 Resp: 325476
Ion Ratio Lower Upper
168 100
99 63.3 49.3 73.9



#3
Chloromethane
Concen: 0.214 ug/l
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU048830.D
Acq: 03 Jun 2022 02:27

Tgt Ion: 50 Resp: 1026
Ion Ratio Lower Upper
50 100
52 49.6 25.7 38.5#

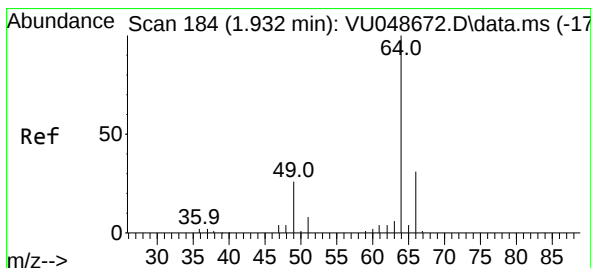
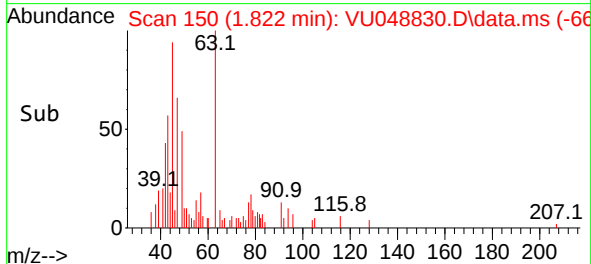
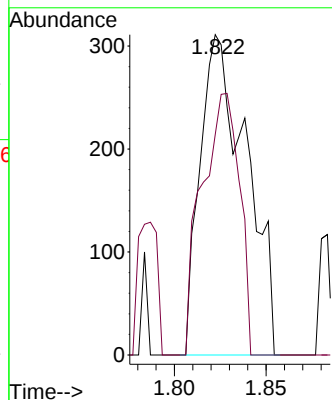
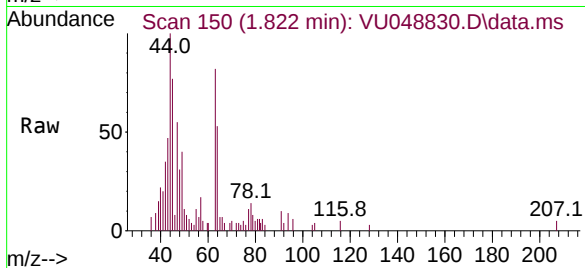




#5
Bromomethane
Concen: Below Cal
RT: 1.822 min Scan# 11
Delta R.T. -0.029 min
Lab File: VU048830.D
Acq: 03 Jun 2022 02:27

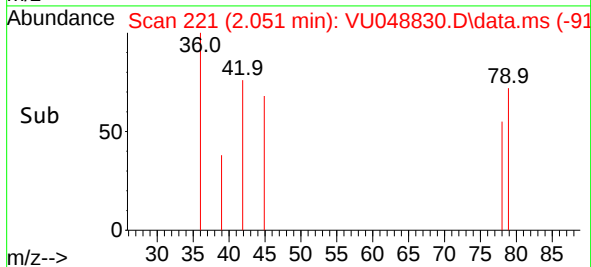
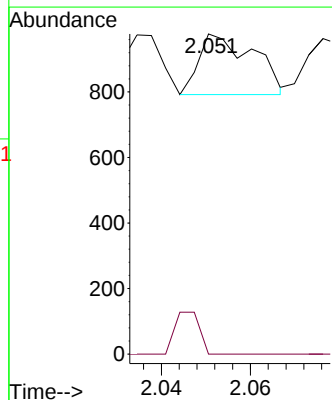
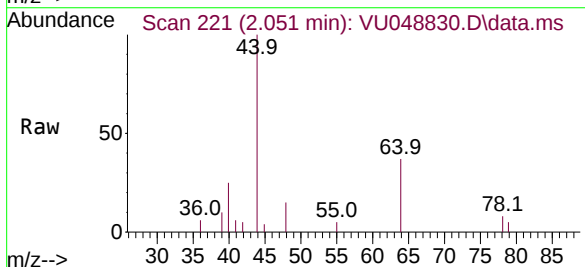
Instrument :
MSVOA_U
ClientSampleId :
MH-117N-20220527

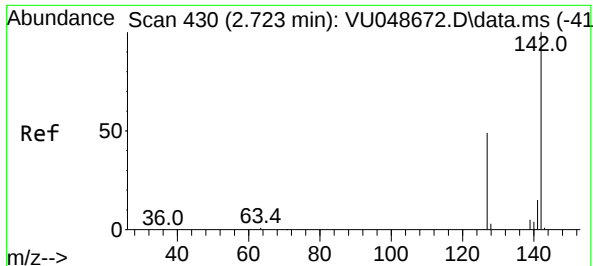
Tgt Ion: 94 Resp: 545
Ion Ratio Lower Upper
94 100
96 68.8 75.1 112.7#



#6
Chloroethane
Concen: Below Cal
RT: 2.051 min Scan# 221
Delta R.T. 0.119 min
Lab File: VU048830.D
Acq: 03 Jun 2022 02:27

Tgt Ion: 64 Resp: 157
Ion Ratio Lower Upper
64 100
66 0.0 25.2 37.8#





#10

Methyl Iodide

Concen: 3.031 ug/l

RT: 2.719 min Scan# 41

Delta R.T. -0.004 min

Lab File: VU048830.D

Acq: 03 Jun 2022 02:27

Instrument :

MSVOA_U

ClientSampleId :

MH-117N-20220527

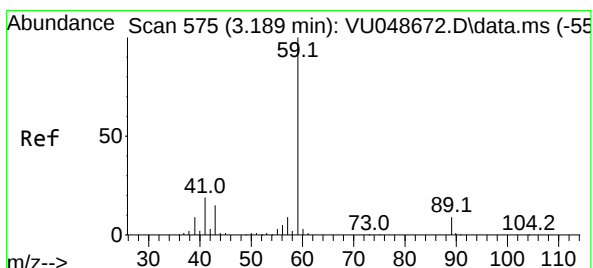
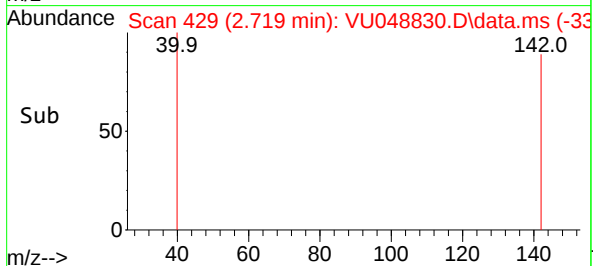
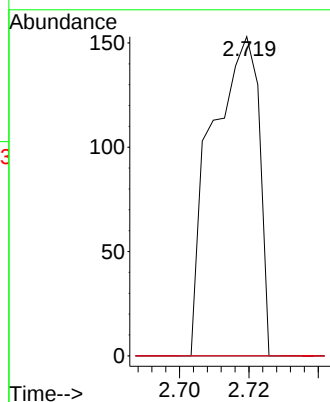
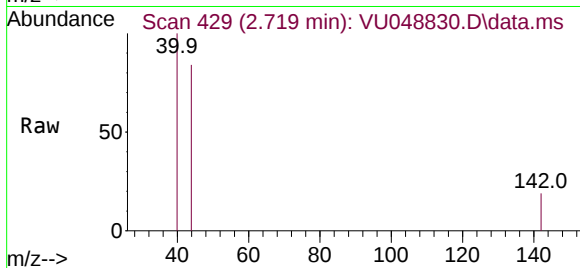
Tgt Ion:142 Resp: 145

Ion Ratio Lower Upper

142 100

127 0.0 38.4 57.6#

141 0.0 11.5 17.3#



#11

Tert butyl alcohol

Concen: 1.895 ug/l

RT: 3.189 min Scan# 575

Delta R.T. -0.000 min

Lab File: VU048830.D

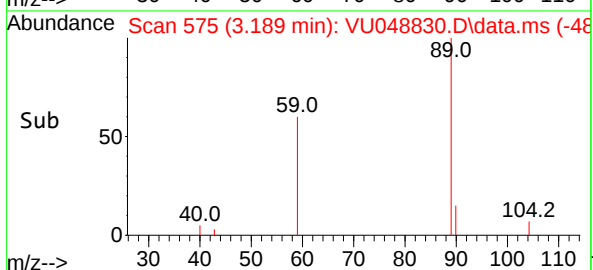
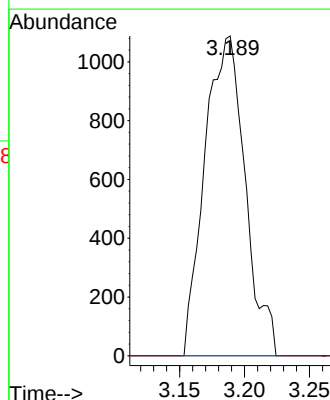
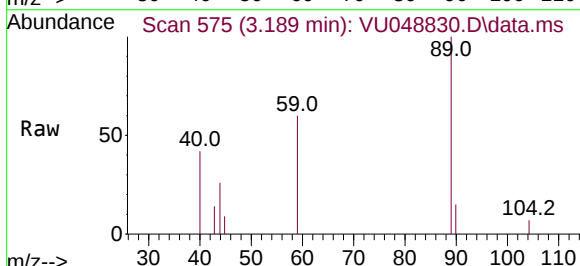
Acq: 03 Jun 2022 02:27

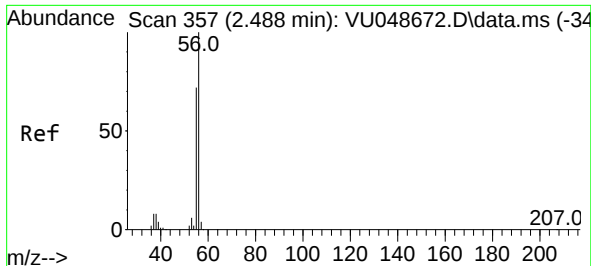
Tgt Ion: 59 Resp: 2349

Ion Ratio Lower Upper

59 100

57 0.0 39.7 59.5#

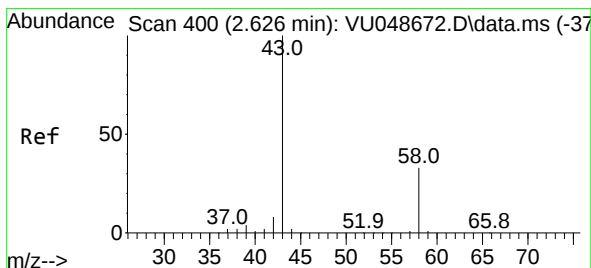
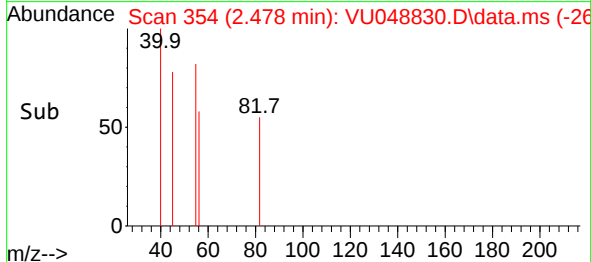
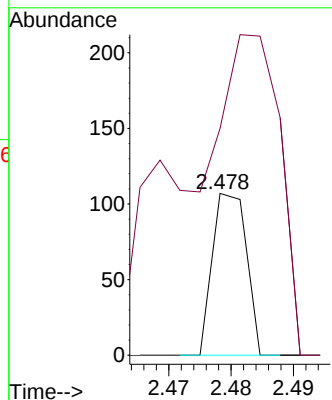
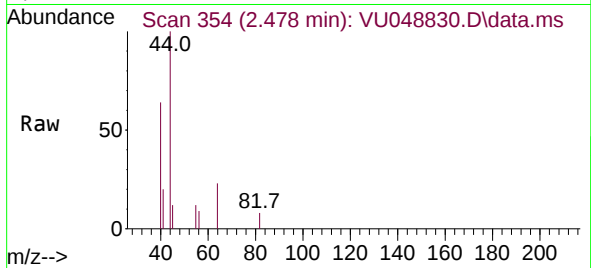




#13
Acrolein
Concen: Below Cal
RT: 2.478 min Scan# 31
Delta R.T. -0.010 min
Lab File: VU048830.D
Acq: 03 Jun 2022 02:27

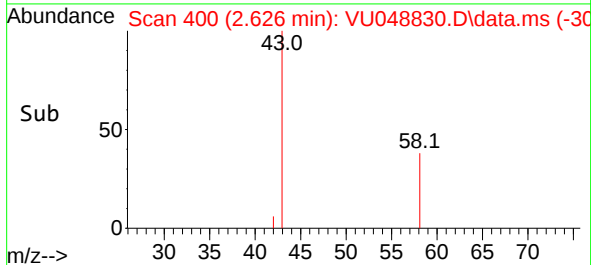
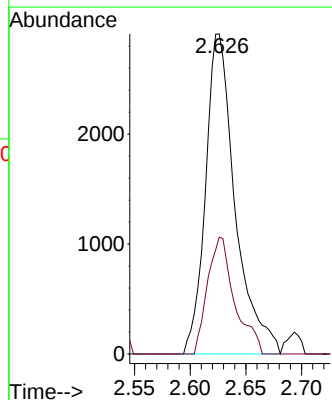
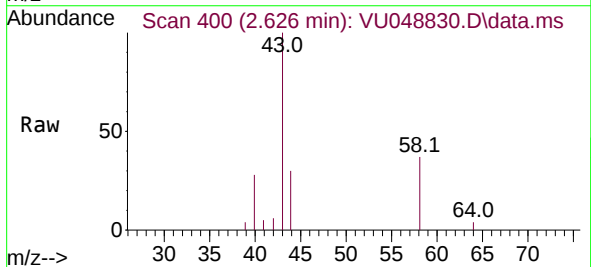
Instrument :
MSVOA_U
ClientSampleId :
MH-117N-20220527

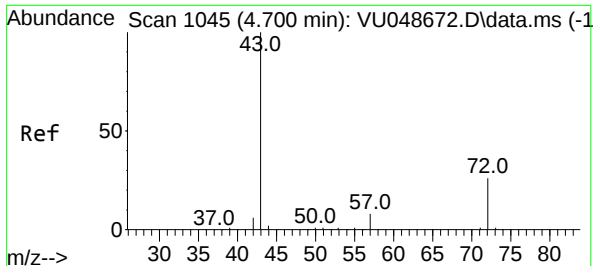
Tgt Ion: 56 Resp: 41
Ion Ratio Lower Upper
56 100
55 343.9 57.7 86.5#



#16
Acetone
Concen: 2.163 ug/l
RT: 2.626 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU048830.D
Acq: 03 Jun 2022 02:27

Tgt Ion: 43 Resp: 5389
Ion Ratio Lower Upper
43 100
58 36.5 26.3 39.5





#25

2-Butanone

Concen: 0.749 ug/l

RT: 4.719 min Scan# 1051

Delta R.T. 0.019 min

Lab File: VU048830.D

Acq: 03 Jun 2022 02:27

Instrument :

MSVOA_U

ClientSampleId :

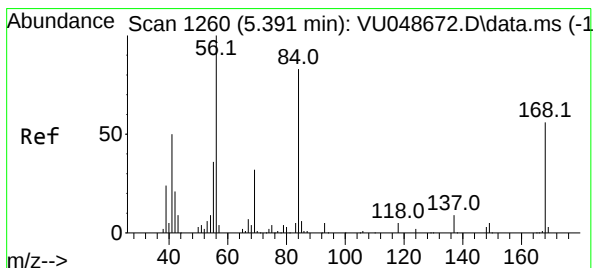
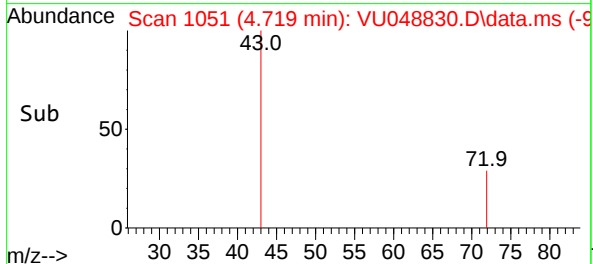
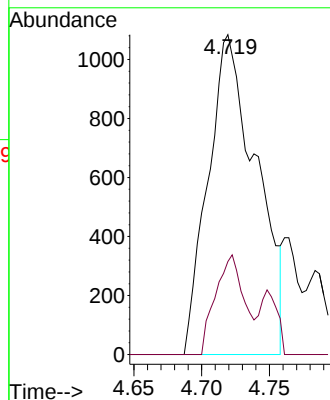
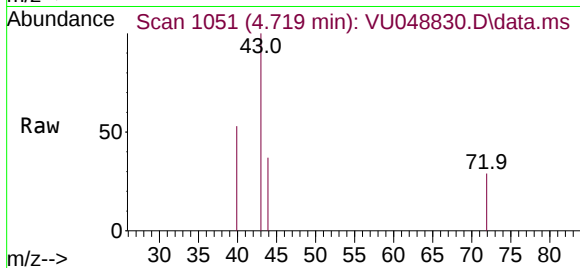
MH-117N-20220527

Tgt Ion: 43 Resp: 2682

Ion Ratio Lower Upper

43 100

72 29.1 21.1 31.7



#31

Cyclohexane

Concen: 1.109 ug/l

RT: 5.372 min Scan# 1254

Delta R.T. -0.019 min

Lab File: VU048830.D

Acq: 03 Jun 2022 02:27

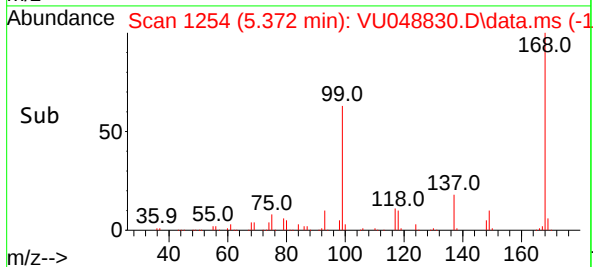
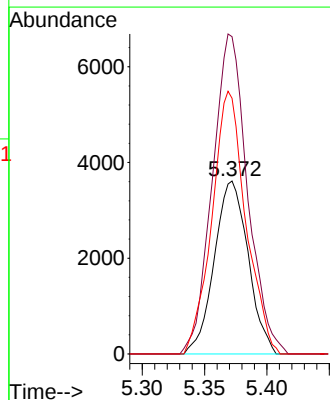
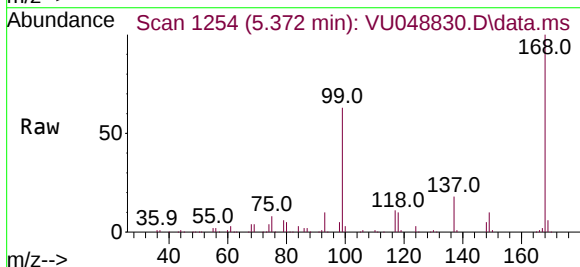
Tgt Ion: 56 Resp: 6834

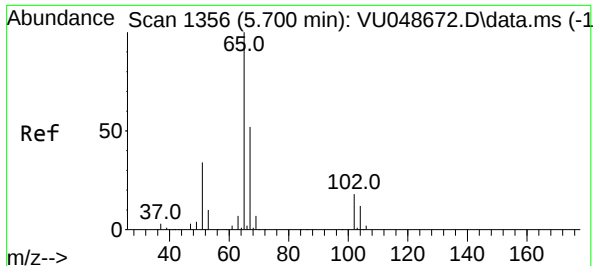
Ion Ratio Lower Upper

56 100

69 183.4 25.6 38.4#

84 147.8 66.2 99.4#





#33

1,2-Dichloroethane-d4

Concen: 44.123 ug/l

RT: 5.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU048830.D

Acq: 03 Jun 2022 02:27

Instrument :

MSVOA_U

ClientSampleId :

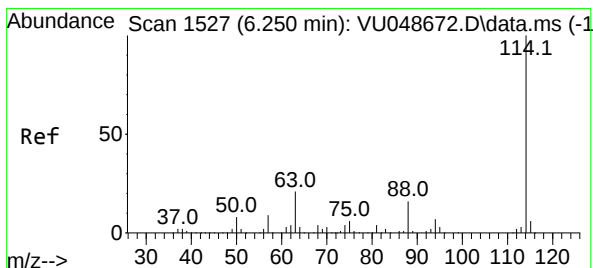
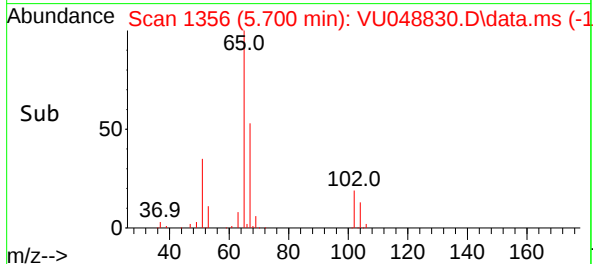
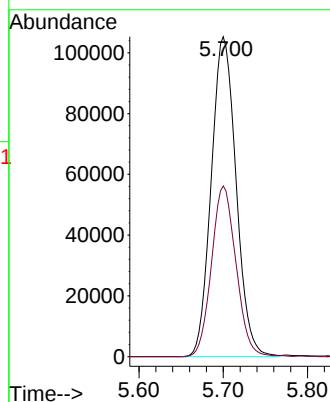
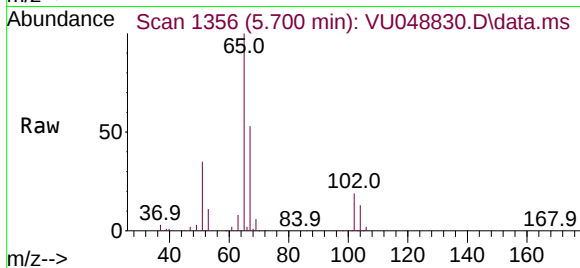
MH-117N-20220527

Tgt Ion: 65 Resp: 215676

Ion Ratio Lower Upper

65 100

67 52.7 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 1526

Delta R.T. -0.003 min

Lab File: VU048830.D

Acq: 03 Jun 2022 02:27

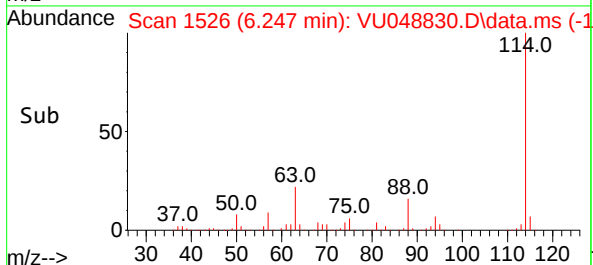
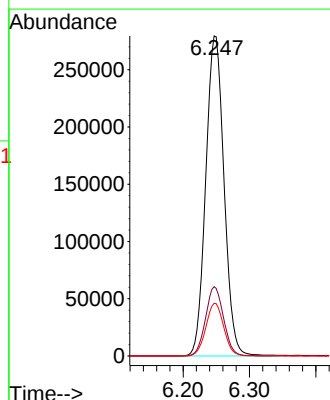
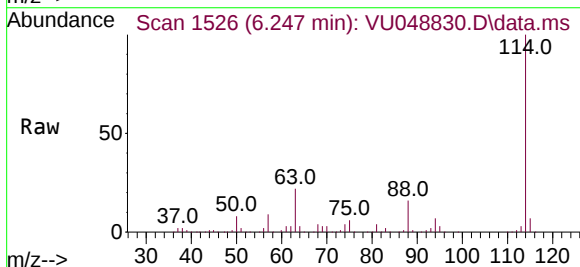
Tgt Ion: 114 Resp: 535036

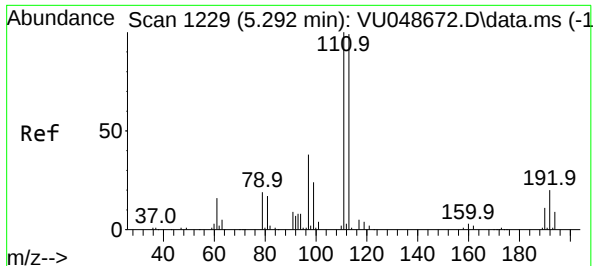
Ion Ratio Lower Upper

114 100

63 21.7 0.0 42.6

88 16.5 0.0 32.2





#35

Dibromofluoromethane

Concen: 46.230 ug/l

RT: 5.288 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU048830.D

Acq: 03 Jun 2022 02:27

Instrument :

MSVOA_U

ClientSampleId :

MH-117N-20220527

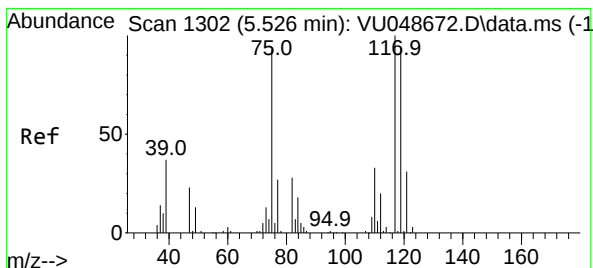
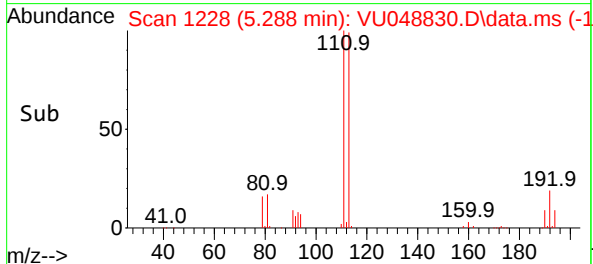
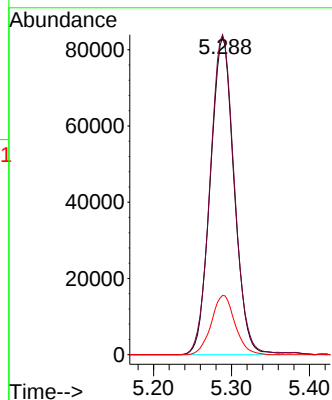
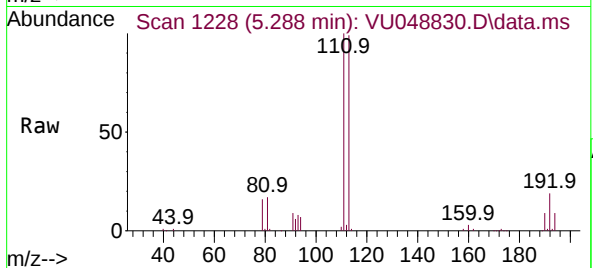
Tgt Ion:113 Resp: 176463

Ion Ratio Lower Upper

113 100

111 102.1 80.7 121.1

192 18.6 15.9 23.9



#36

1,1-Dichloropropene

Concen: 4.766 ug/l

RT: 5.369 min Scan# 1253

Delta R.T. -0.158 min

Lab File: VU048830.D

Acq: 03 Jun 2022 02:27

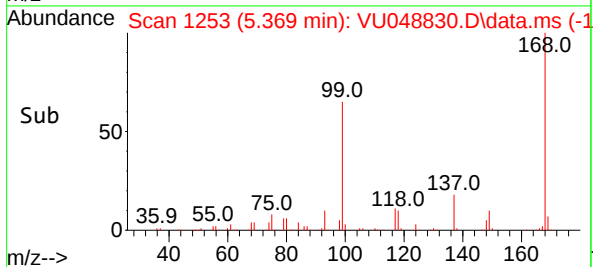
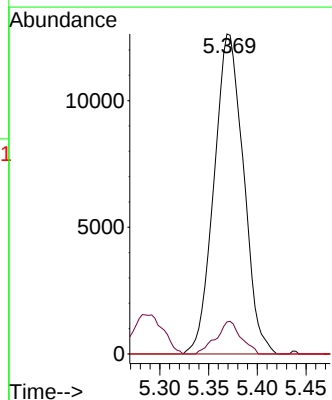
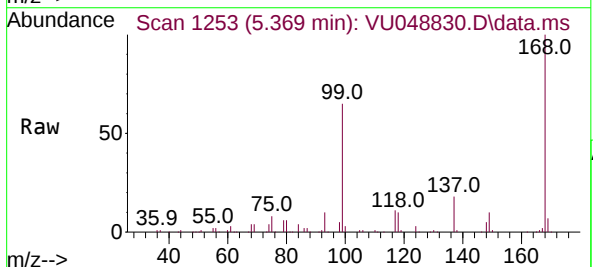
Tgt Ion: 75 Resp: 26552

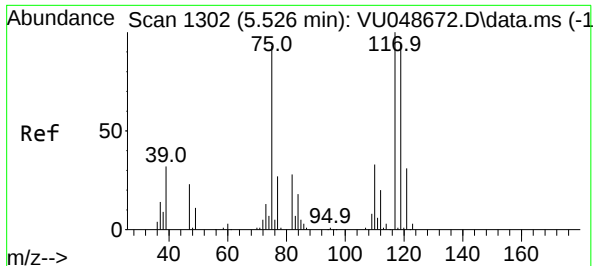
Ion Ratio Lower Upper

75 100

110 8.6 17.4 52.3#

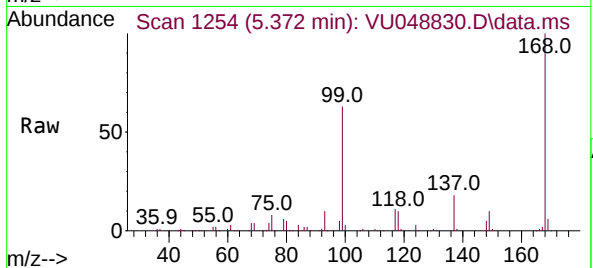
77 0.0 24.8 37.2#



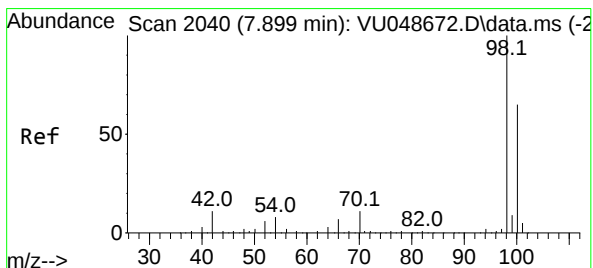
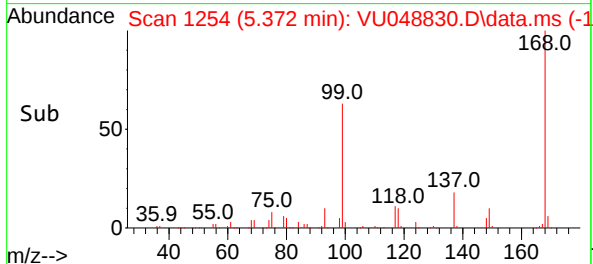
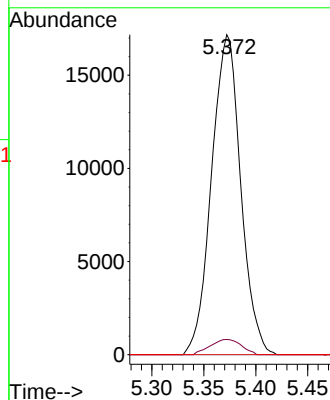


#38
Carbon Tetrachloride
Concen: 5.243 ug/l
RT: 5.372 min Scan# 117
Delta R.T. -0.154 min
Lab File: VU048830.D
Acq: 03 Jun 2022 02:27

Instrument :
MSVOA_U
ClientSampleId :
MH-117N-20220527

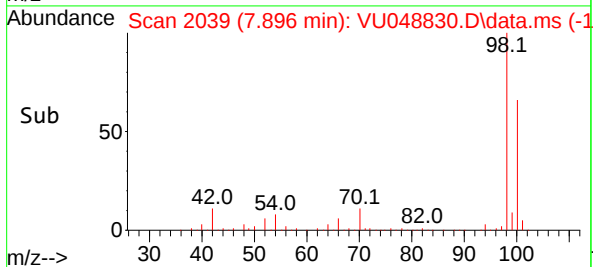
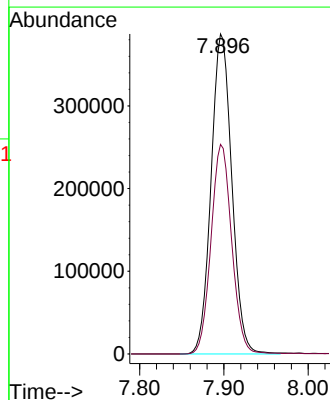
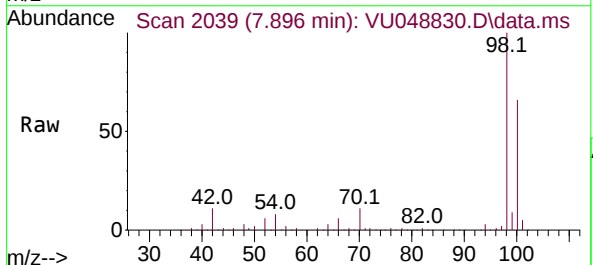


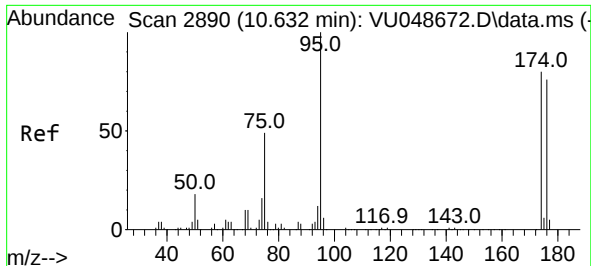
Tgt Ion:117 Resp: 33510
Ion Ratio Lower Upper
117 100
119 4.8 75.4 113.2#
121 0.0 24.6 36.8#



#50
Toluene-d8
Concen: 48.321 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. -0.003 min
Lab File: VU048830.D
Acq: 03 Jun 2022 02:27

Tgt Ion: 98 Resp: 661162
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.4

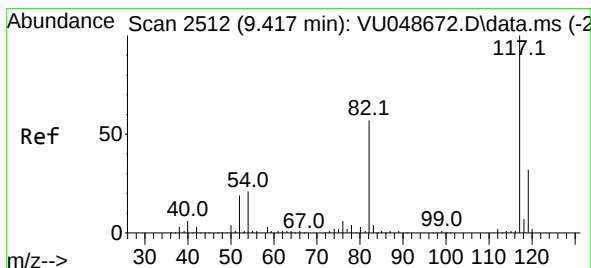
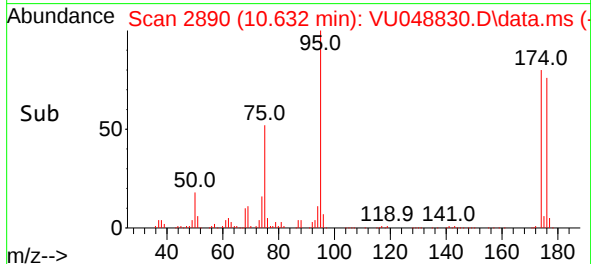
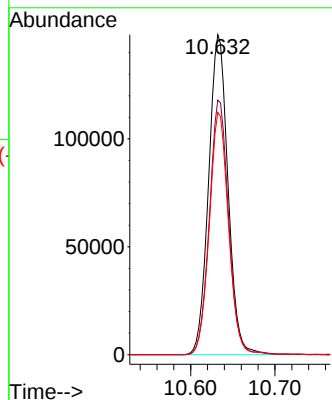
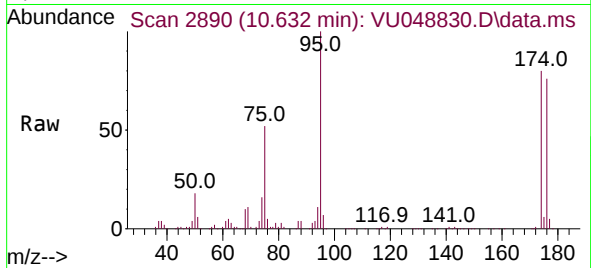




#62
4-Bromofluorobenzene
Concen: 45.774 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU048830.D
Acq: 03 Jun 2022 02:27

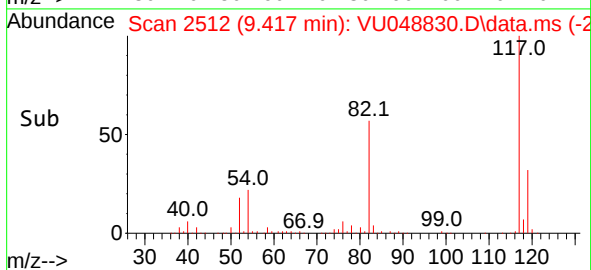
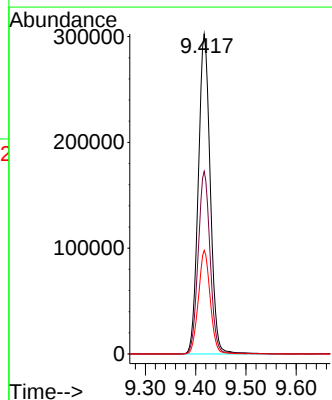
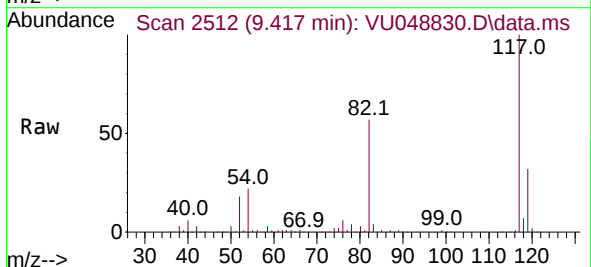
Instrument : MSVOA_U
ClientSampleId : MH-117N-20220527

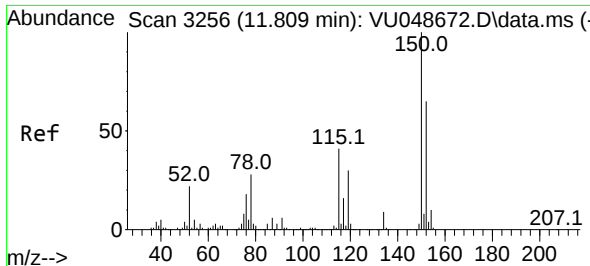
Tgt Ion: 95 Resp: 236865
Ion Ratio Lower Upper
95 100
174 79.2 0.0 159.4
176 75.0 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.000 min
Lab File: VU048830.D
Acq: 03 Jun 2022 02:27

Tgt Ion: 117 Resp: 499303
Ion Ratio Lower Upper
117 100
82 57.0 45.3 67.9
119 32.4 25.4 38.2

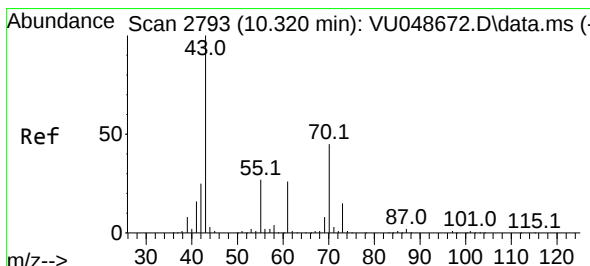
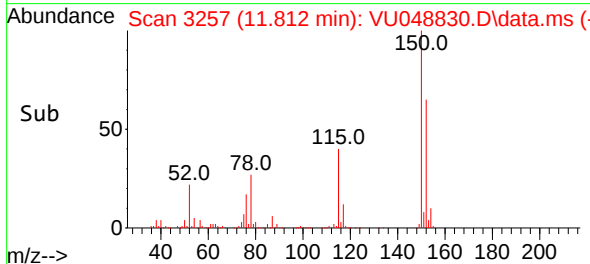
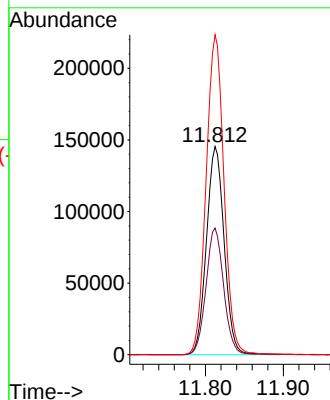
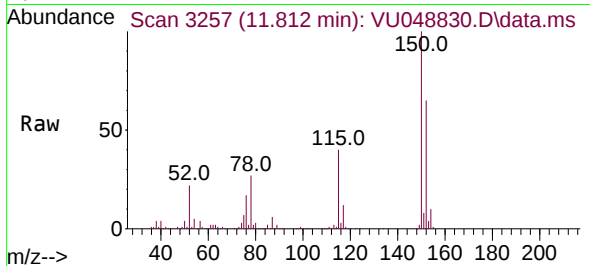




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048830.D
Acq: 03 Jun 2022 02:27

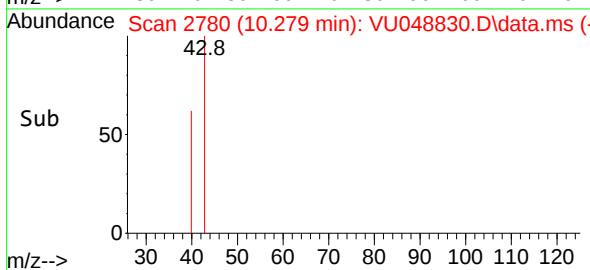
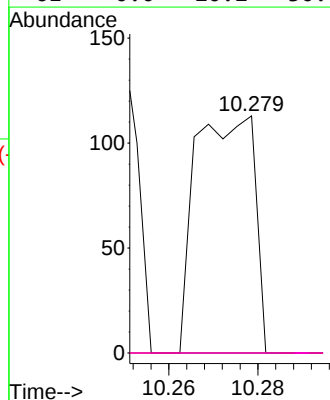
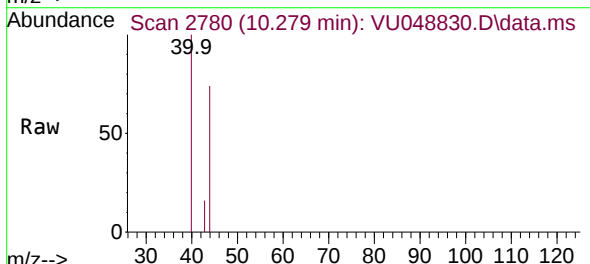
Instrument :
MSVOA_U
ClientSampleId :
MH-117N-20220527

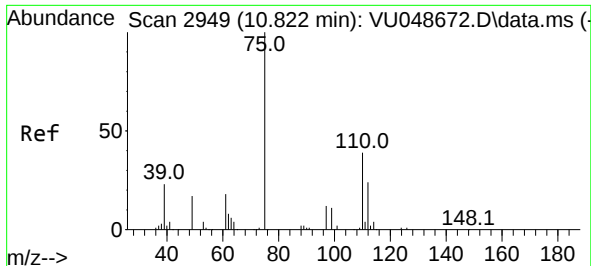
Tgt Ion:152 Resp: 228880
Ion Ratio Lower Upper
152 100
115 60.8 41.8 125.4
150 155.4 0.0 341.0



#74
N-ethyl acetate
Concen: 2.480 ug/l
RT: 10.279 min Scan# 2780
Delta R.T. -0.041 min
Lab File: VU048830.D
Acq: 03 Jun 2022 02:27

Tgt Ion: 43 Resp: 103
Ion Ratio Lower Upper
43 100
70 0.0 35.8 53.6#
55 0.0 21.1 31.7#
61 0.0 20.2 30.4#

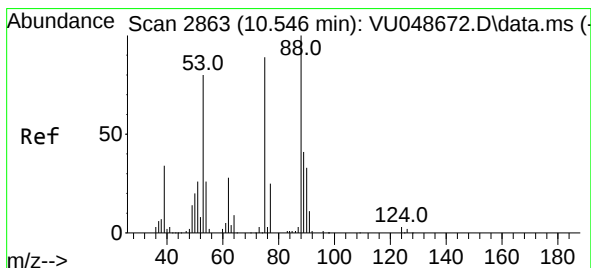
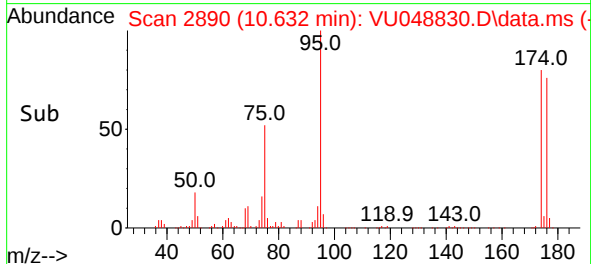
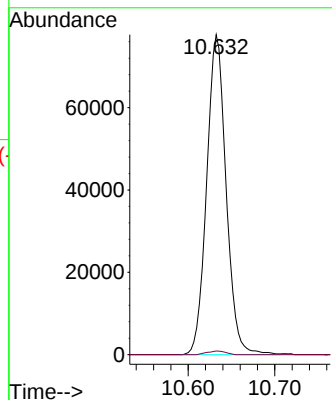
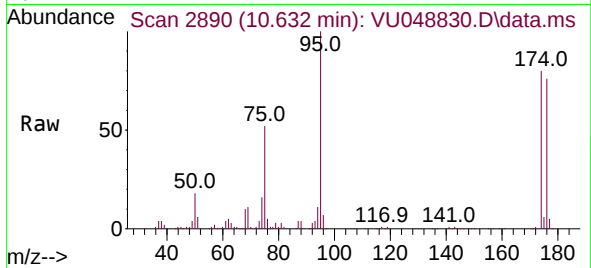




#76
1,2,3-Trichloropropane
Concen: 16.422 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.190 min
Lab File: VU048830.D
Acq: 03 Jun 2022 02:27

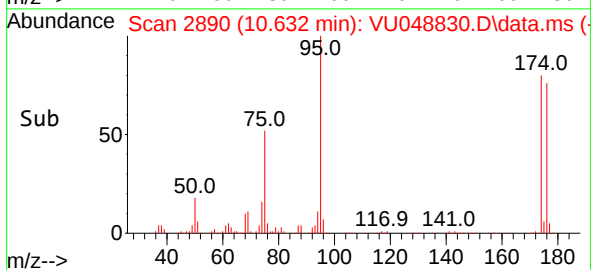
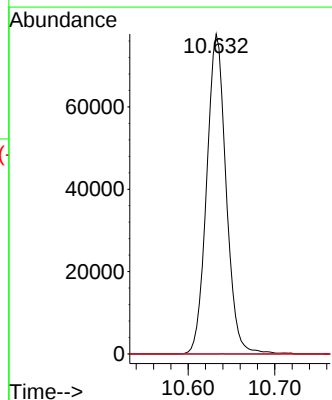
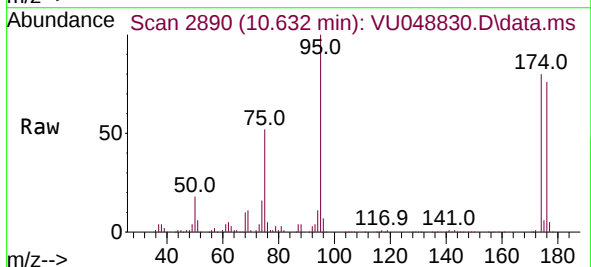
Instrument :
MSVOA_U
ClientSampleId :
MH-117N-20220527

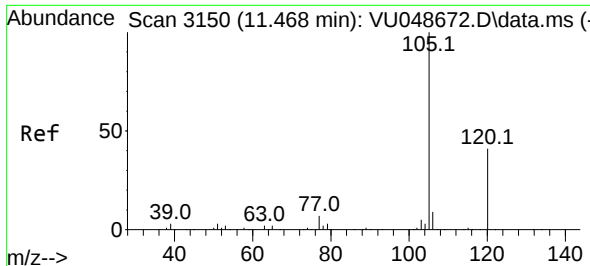
Tgt Ion: 75 Resp: 121188
Ion Ratio Lower Upper
75 100
77 1.1 14.8 44.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.626 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.087 min
Lab File: VU048830.D
Acq: 03 Jun 2022 02:27

Tgt Ion: 75 Resp: 121188
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#

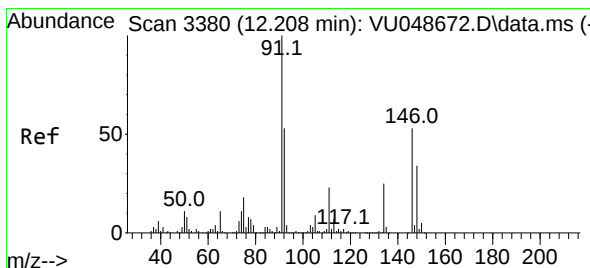
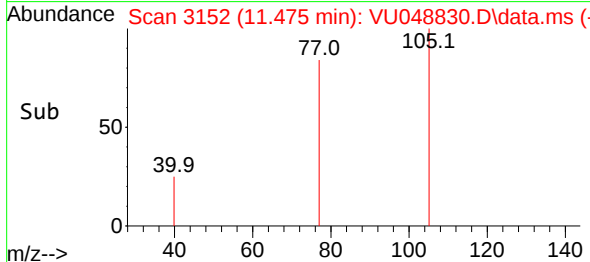
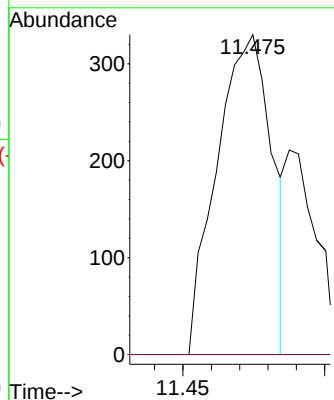
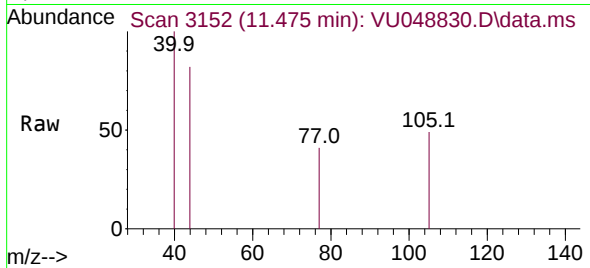




#84
1,2,4-Trimethylbenzene
Concen: 1.218 ug/l
RT: 11.475 min Scan# 3150
Delta R.T. 0.007 min
Lab File: VU048830.D
Acq: 03 Jun 2022 02:27

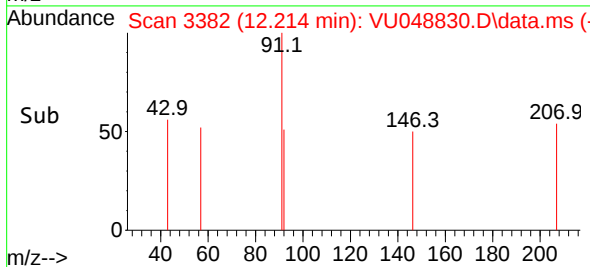
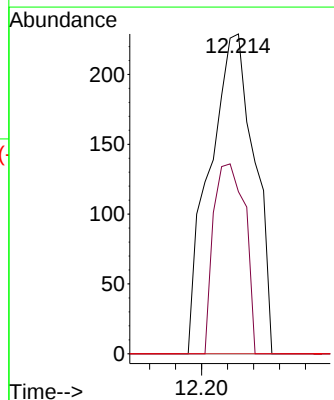
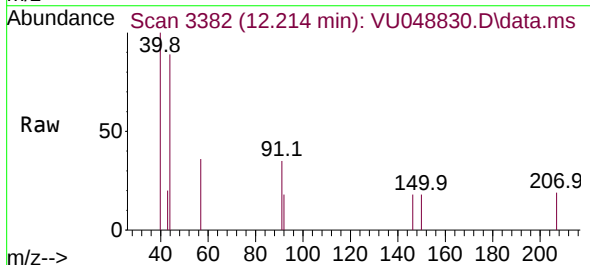
Instrument :
MSVOA_U
ClientSampleId :
MH-117N-20220527

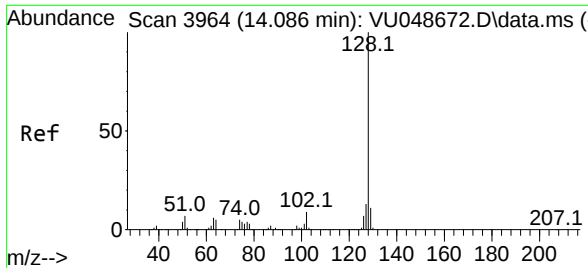
Tgt Ion:105 Resp: 445
Ion Ratio Lower Upper
105 100
120 0.0 22.5 67.5#



#89
n-Butylbenzene
Concen: 2.205 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.006 min
Lab File: VU048830.D
Acq: 03 Jun 2022 02:27

Tgt Ion: 91 Resp: 274
Ion Ratio Lower Upper
91 100
92 41.6 25.9 77.8
134 0.0 12.5 37.5#





#95

Naphthalene

Concen: 3.925 ug/l

RT: 14.089 min Scan# 3965

Delta R.T. 0.003 min

Lab File: VU048830.D

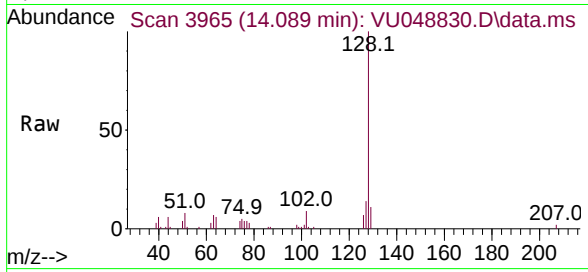
Acq: 03 Jun 2022 02:27

Instrument :

MSVOA_U

ClientSampleId :

MH-117N-20220527



Tgt Ion:128 Resp: 26414

Ion Ratio Lower Upper

128 100

127 12.3 10.2 15.4

129 11.3 8.7 13.1

