

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011223\
 Data File : VU052658.D
 Acq On : 12 Jan 2023 11:44
 Operator : JC/MD
 Sample : VU0112WBL02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0112WBL02

Quant Time: Jan 13 01:43:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U011123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 13 01:24:13 2023
 Response via : Initial Calibration

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

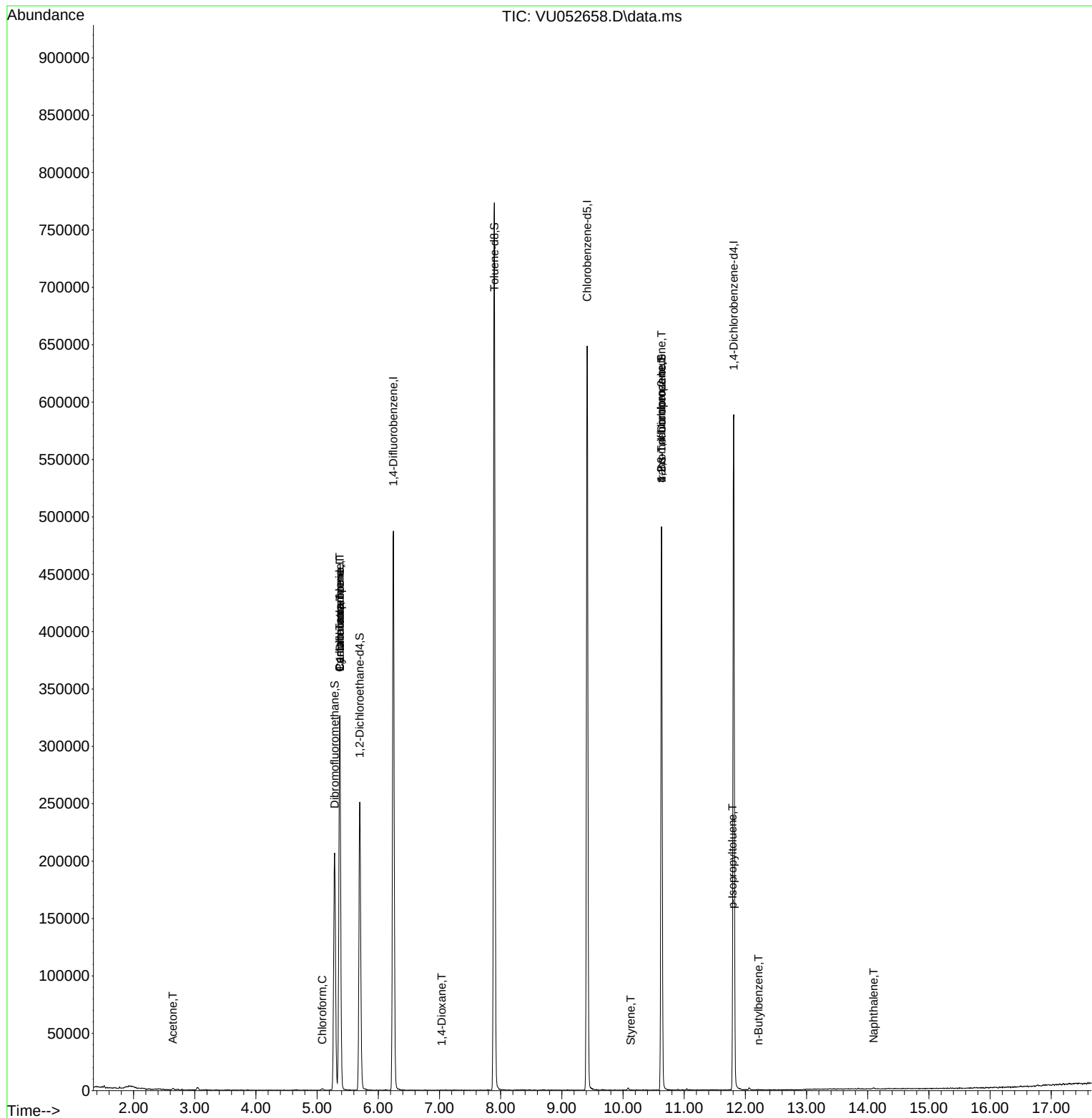
Internal Standards						
1) Pentafluorobenzene	5.372	168	215155	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	383409	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	350207	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	152268	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	185688	54.019	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 108.040%		
35) Dibromofluoromethane	5.285	113	137205	51.954	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.900%		
50) Toluene-d8	7.896	98	493410	48.666	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 97.340%		
62) 4-Bromofluorobenzene	10.629	95	163680	44.546	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 89.100%		
Target Compounds						
						Qvalue
3) Chloromethane	1.520	50	1381	Below Cal	#	86
16) Acetone	2.642	43	1815	1.030	ug/l	93
20) Methylene Chloride	3.047	84	1331	Below Cal		97
30) Chloroform	5.083	83	1522	0.267	ug/l	87
31) Cyclohexane	5.372	56	5231	0.986	ug/l	# 1
36) 1,1-Dichloropropene	5.372	75	18984	4.568	ug/l	# 48
38) Carbon Tetrachloride	5.369	117	23101	5.994	ug/l	# 16
49) 1,4-Dioxane	7.038	88	54	0.885	ug/l	# 58
70) Styrene	10.127	104	104	0.778	ug/l	# 26
76) 1,2,3-Trichloropropane	10.629	75	82471	17.102	ug/l	# 46
81) trans-1,4-Dichloro-2-b...	10.629	75	82471	65.290	ug/l	# 15
86) p-Isopropyltoluene	11.790	119	115	0.931	ug/l	# 1
89) n-Butylbenzene	12.214	91	413	2.234	ug/l	# 37
95) Naphthalene	14.098	128	1630	2.257	ug/l	# 81

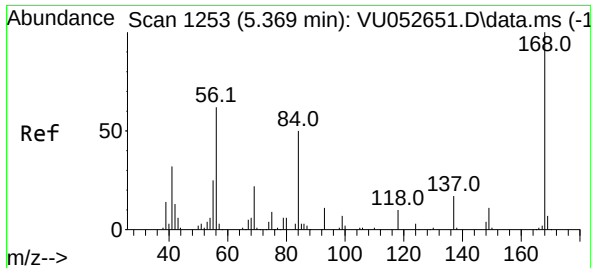
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 13 01:43:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U011123W.M
Quant Title : SW846 8260
QLast Update : Fri Jan 13 01:24:13 2023
Response via : Initial Calibration

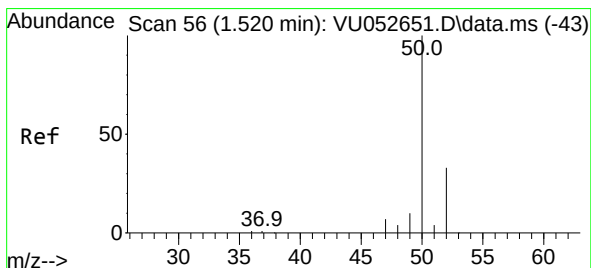
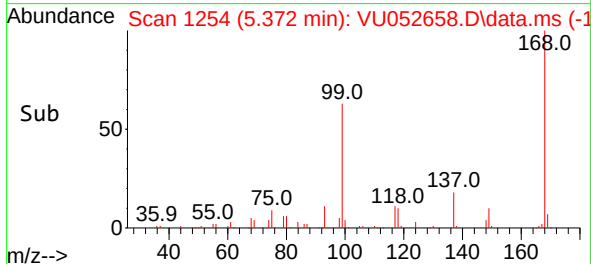
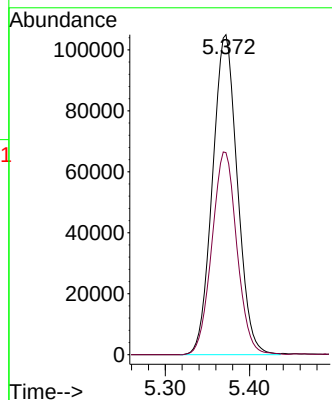
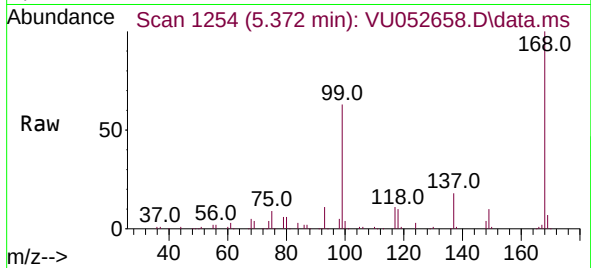




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU052658.D
Acq: 12 Jan 2023 11:44

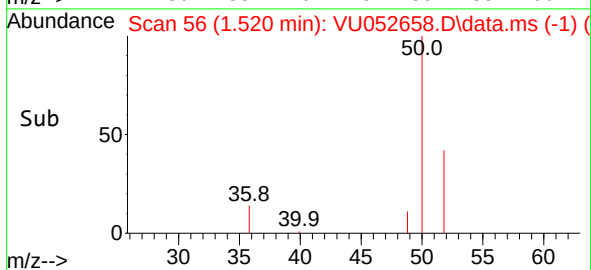
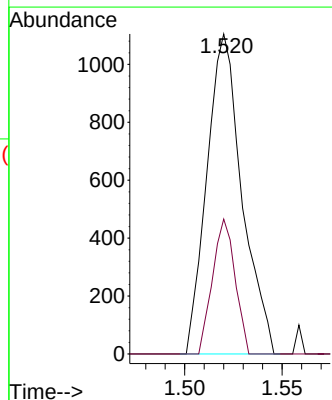
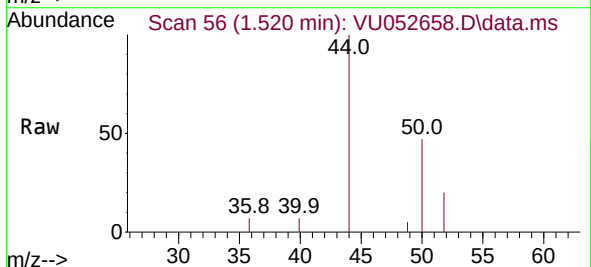
Instrument :
MSVOA_U
ClientSampleId :
VU0112WBL02

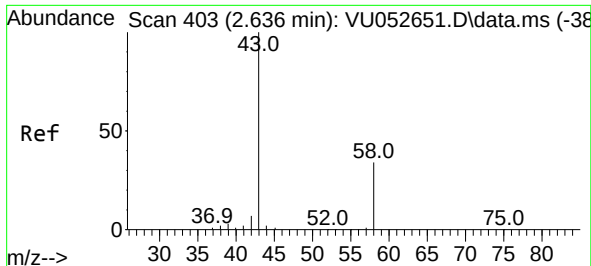
Tgt Ion:168 Resp: 215155
Ion Ratio Lower Upper
168 100
99 63.2 39.3 58.9#



#3
Chloromethane
Concen: Below Cal
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU052658.D
Acq: 12 Jan 2023 11:44

Tgt Ion: 50 Resp: 1381
Ion Ratio Lower Upper
50 100
52 42.2 27.4 41.2#

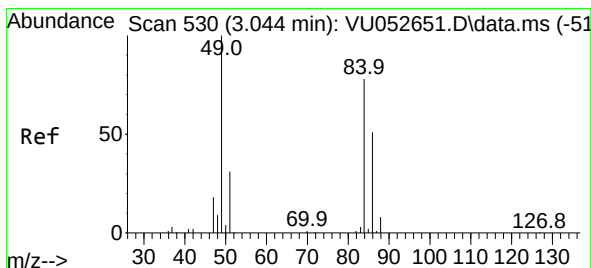
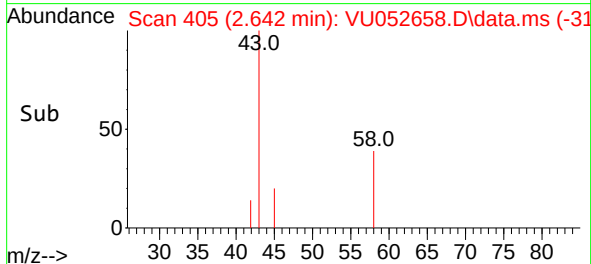
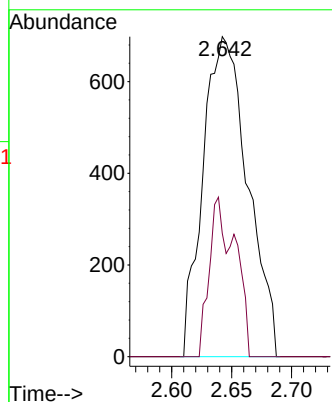
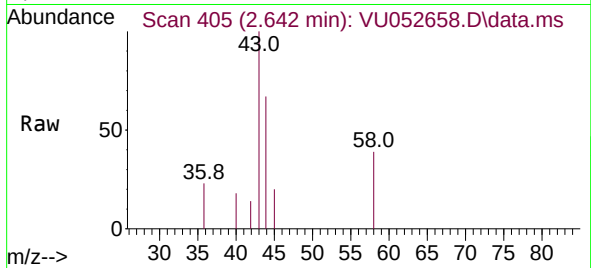




#16
Acetone
Concen: 1.030 ug/l
RT: 2.642 min Scan# 403
Delta R.T. 0.006 min
Lab File: VU052658.D
Acq: 12 Jan 2023 11:44

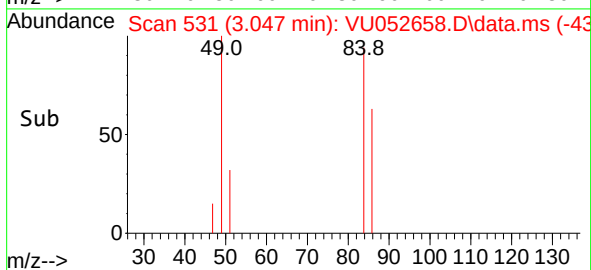
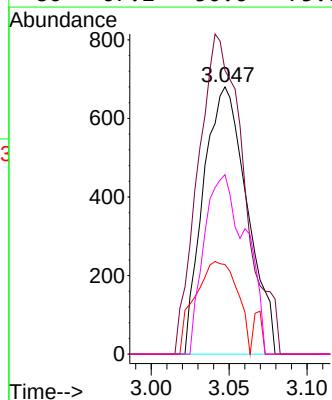
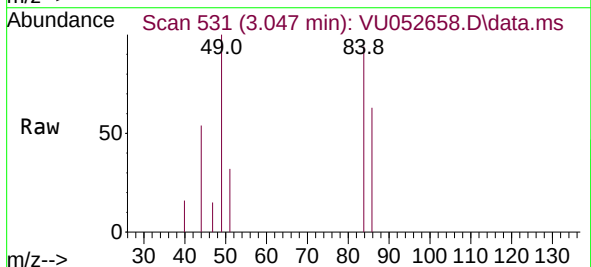
Instrument :
MSVOA_U
ClientSampleId :
VU0112WBL02

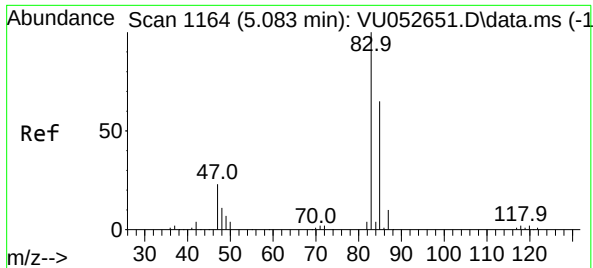
Tgt Ion: 43 Resp: 1815
Ion Ratio Lower Upper
43 100
58 38.5 27.5 41.3



#20
Methylene Chloride
Concen: Below Cal
RT: 3.047 min Scan# 531
Delta R.T. 0.003 min
Lab File: VU052658.D
Acq: 12 Jan 2023 11:44

Tgt Ion: 84 Resp: 1331
Ion Ratio Lower Upper
84 100
49 106.2 86.6 129.8
51 33.5 26.6 40.0
86 67.2 50.6 75.8





#30

Chloroform

Concen: 0.267 ug/l

RT: 5.083 min Scan# 1164

Delta R.T. -0.000 min

Lab File: VU052658.D

Acq: 12 Jan 2023 11:44

Instrument :

MSVOA_U

ClientSampleId :

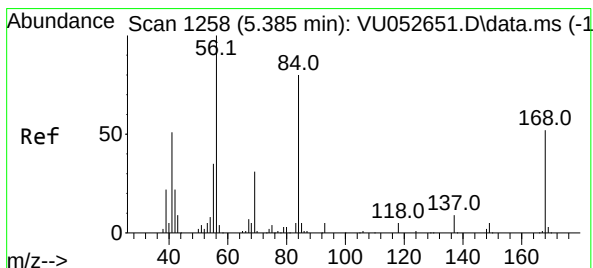
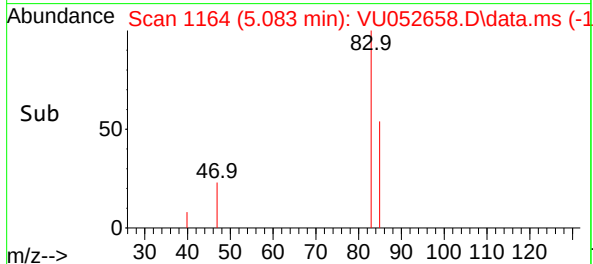
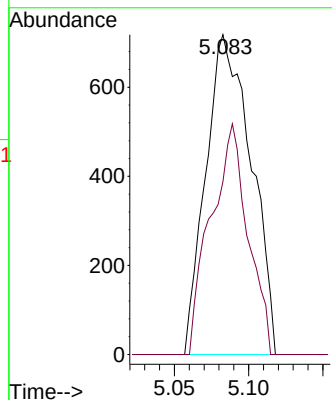
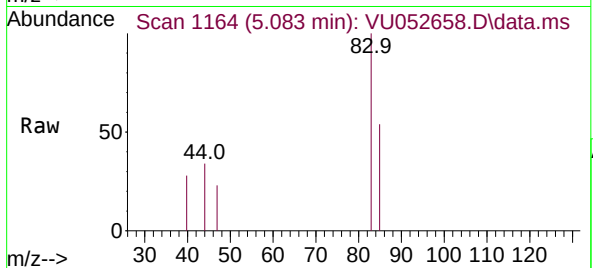
VU0112WBL02

Tgt Ion: 83 Resp: 1522

Ion Ratio Lower Upper

83 100

85 54.0 51.2 76.8



#31

Cyclohexane

Concen: 0.986 ug/l

RT: 5.372 min Scan# 1254

Delta R.T. -0.013 min

Lab File: VU052658.D

Acq: 12 Jan 2023 11:44

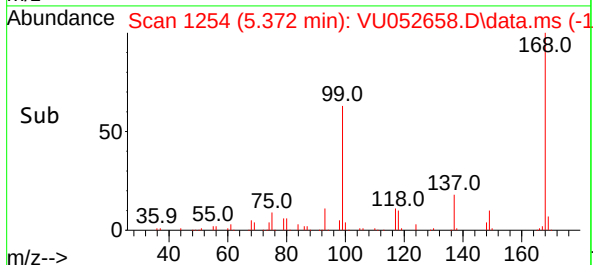
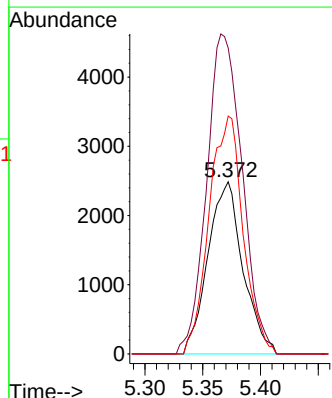
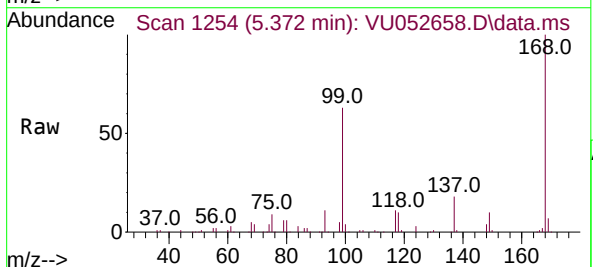
Tgt Ion: 56 Resp: 5231

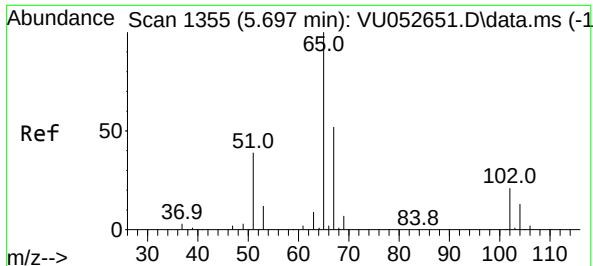
Ion Ratio Lower Upper

56 100

69 177.8 27.8 41.8#

84 138.3 74.2 111.4#





#33

1,2-Dichloroethane-d4

Concen: 54.019 ug/l

RT: 5.697 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU052658.D

Acq: 12 Jan 2023 11:44

Instrument :

MSVOA_U

ClientSampleId :

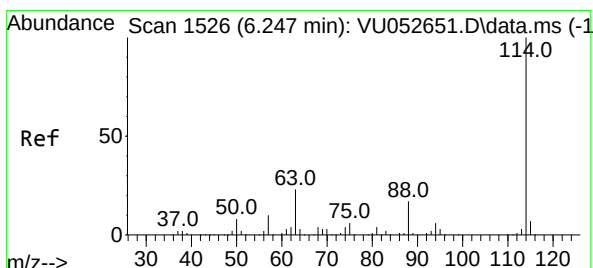
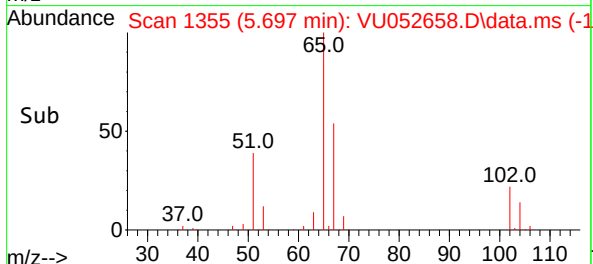
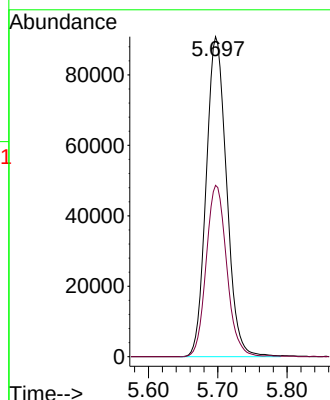
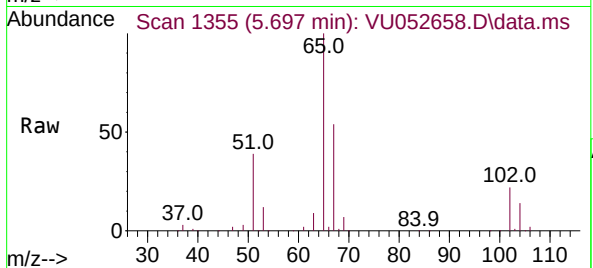
VU0112WBL02

Tgt Ion: 65 Resp: 185688

Ion Ratio Lower Upper

65 100

67 53.8 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 1526

Delta R.T. -0.000 min

Lab File: VU052658.D

Acq: 12 Jan 2023 11:44

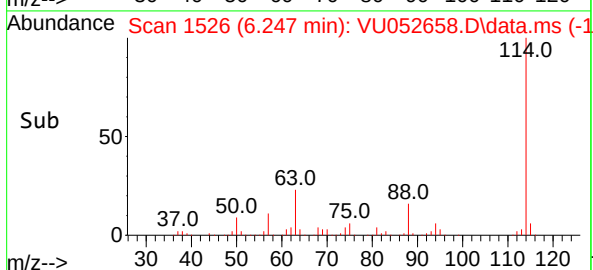
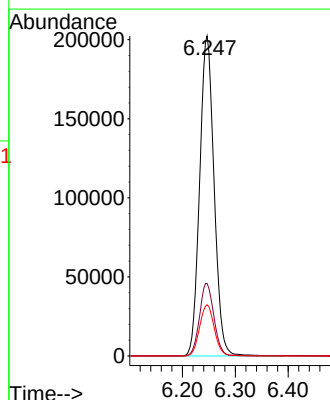
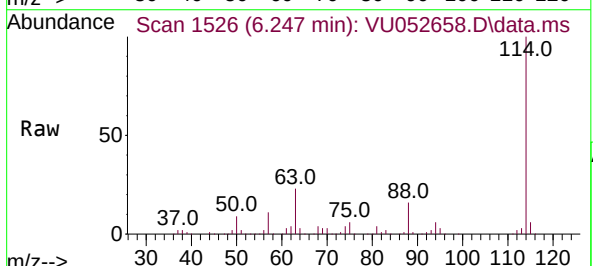
Tgt Ion:114 Resp: 383409

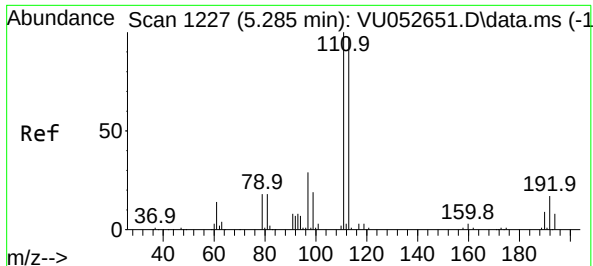
Ion Ratio Lower Upper

114 100

63 22.6 0.0 37.8

88 16.0 0.0 29.2

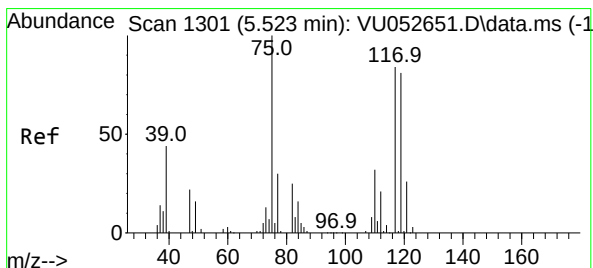
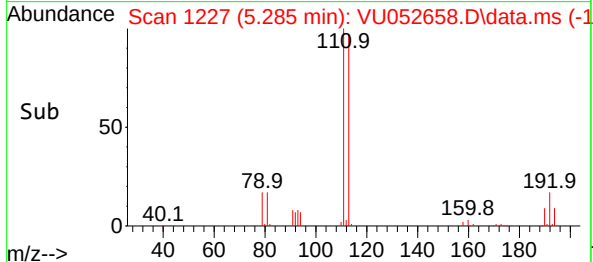
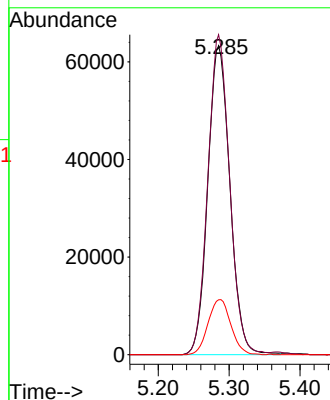
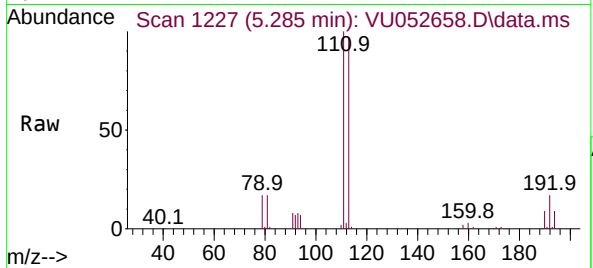




#35
Dibromofluoromethane
Concen: 51.954 ug/l
RT: 5.285 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU052658.D
Acq: 12 Jan 2023 11:44

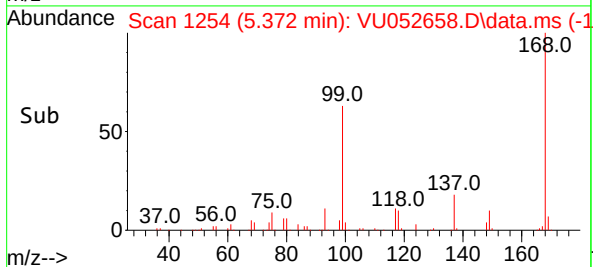
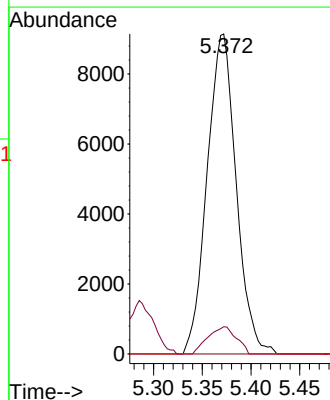
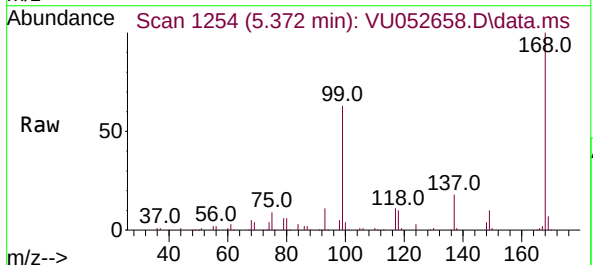
Instrument :
MSVOA_U
ClientSampleId :
VU0112WBL02

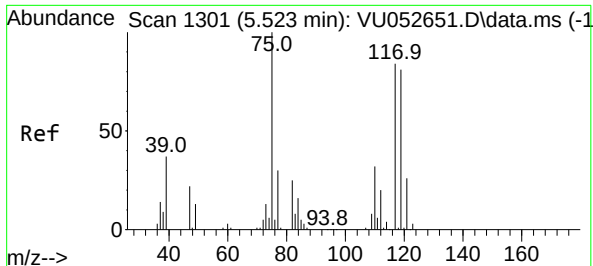
Tgt Ion:113 Resp: 137205
Ion Ratio Lower Upper
113 100
111 102.1 82.1 123.1
192 18.4 18.0 27.0



#36
1,1-Dichloropropene
Concen: 4.568 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.151 min
Lab File: VU052658.D
Acq: 12 Jan 2023 11:44

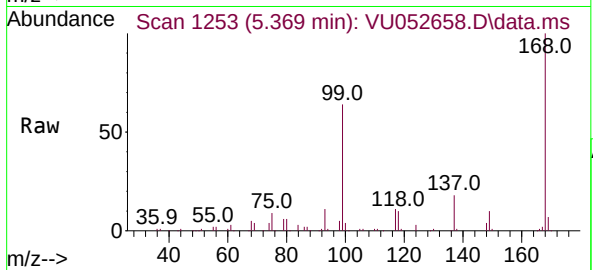
Tgt Ion: 75 Resp: 18984
Ion Ratio Lower Upper
75 100
110 8.3 18.4 55.2#
77 0.0 25.1 37.7#



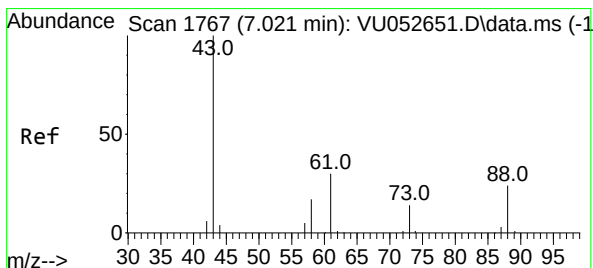
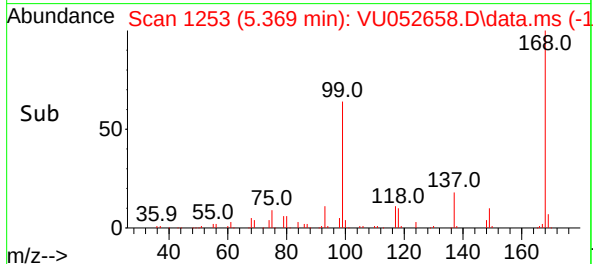
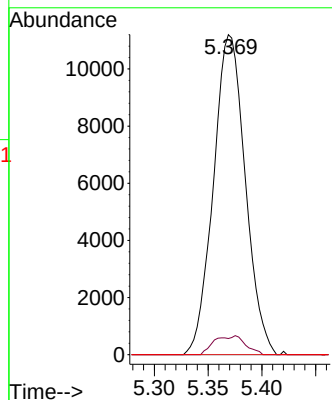


#38
Carbon Tetrachloride
Concen: 5.994 ug/l
RT: 5.369 min Scan# 117
Delta R.T. -0.154 min
Lab File: VU052658.D
Acq: 12 Jan 2023 11:44

Instrument :
MSVOA_U
ClientSampleId :
VU0112WBL02

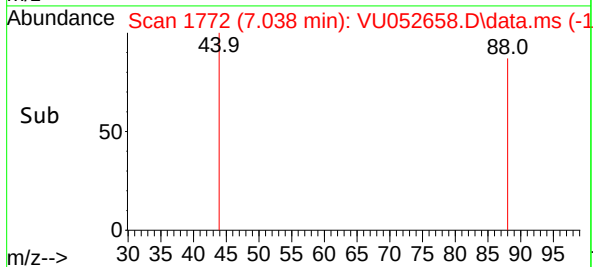
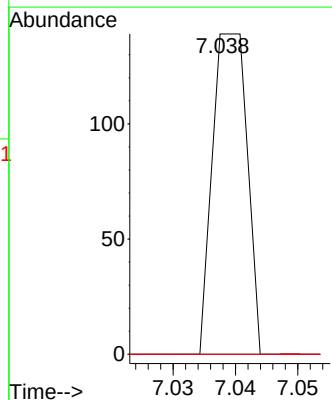
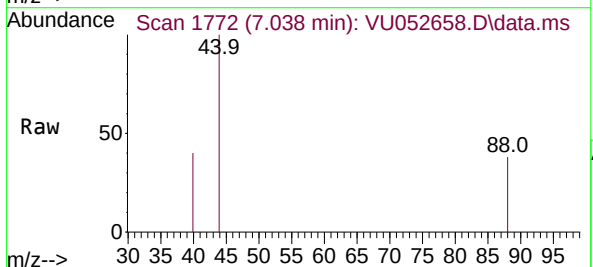


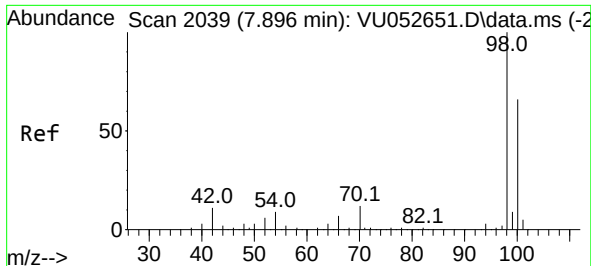
Tgt Ion:117 Resp: 23101
Ion Ratio Lower Upper
117 100
119 5.1 76.8 115.2#
121 0.0 24.7 37.1#



#49
1,4-Dioxane
Concen: 0.885 ug/l
RT: 7.038 min Scan# 1772
Delta R.T. 0.017 min
Lab File: VU052658.D
Acq: 12 Jan 2023 11:44

Tgt Ion: 88 Resp: 54
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 15.4 23.0#

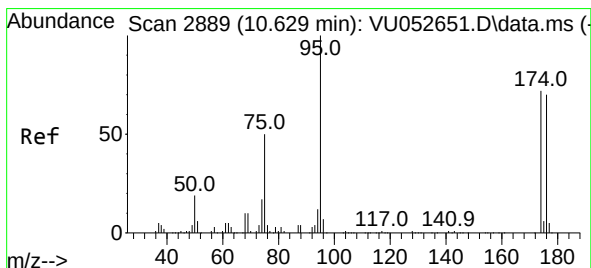
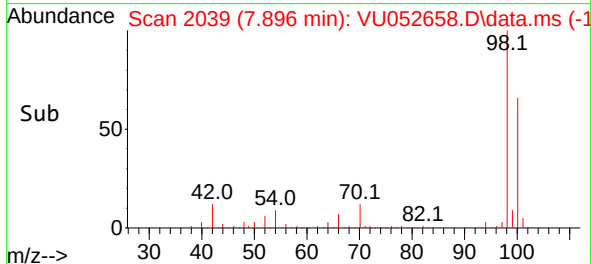
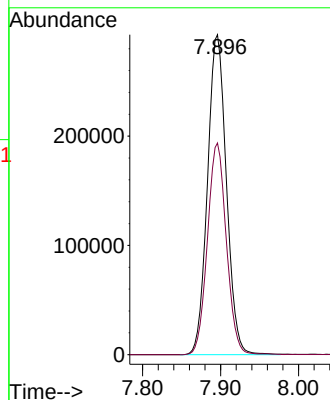
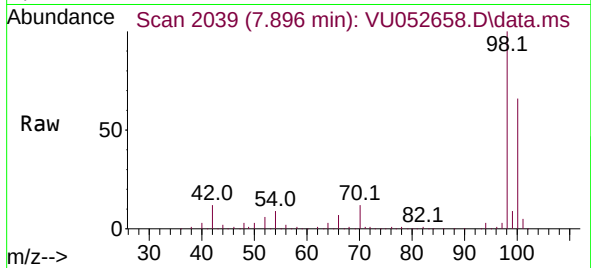




#50
Toluene-d8
Concen: 48.666 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VU052658.D
Acq: 12 Jan 2023 11:44

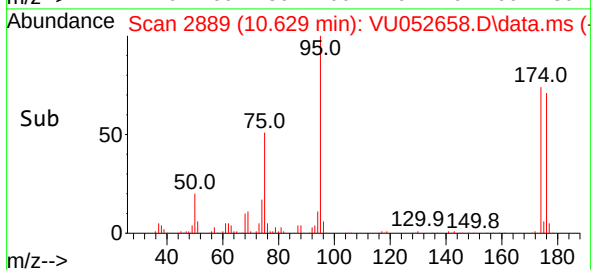
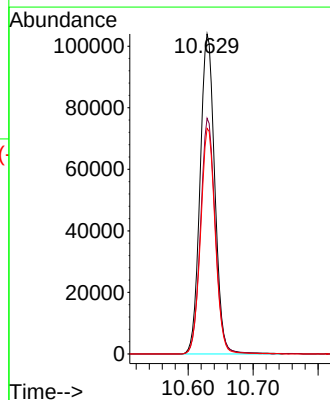
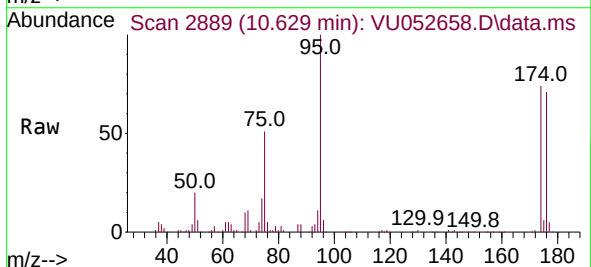
Instrument :
MSVOA_U
ClientSampleId :
VU0112WBL02

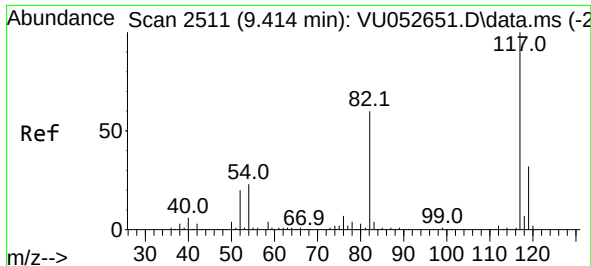
Tgt Ion: 98 Resp: 493410
Ion Ratio Lower Upper
98 100
100 66.0 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 44.546 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.000 min
Lab File: VU052658.D
Acq: 12 Jan 2023 11:44

Tgt Ion: 95 Resp: 163680
Ion Ratio Lower Upper
95 100
174 74.1 0.0 182.0
176 70.3 0.0 177.8

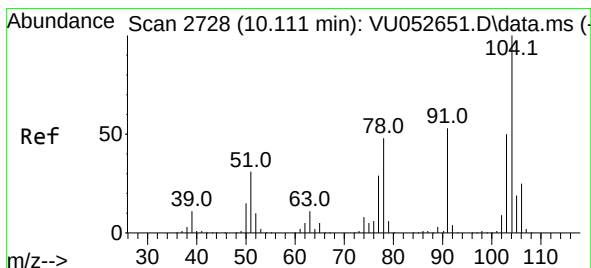
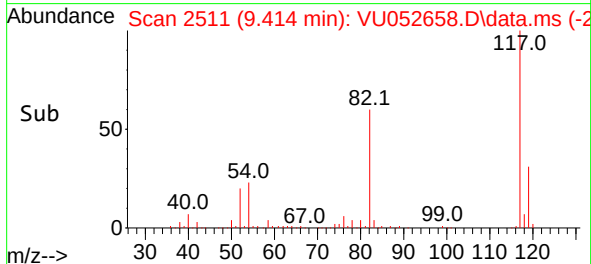
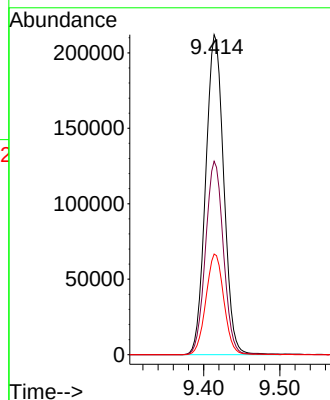
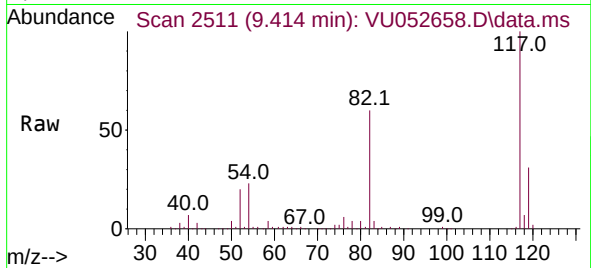




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU052658.D
Acq: 12 Jan 2023 11:44

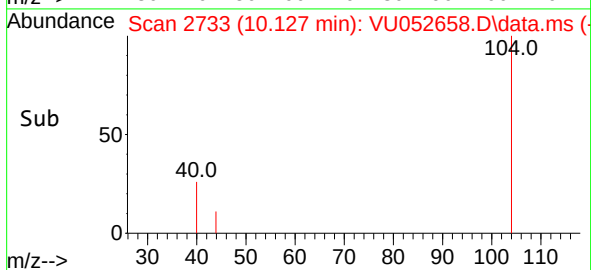
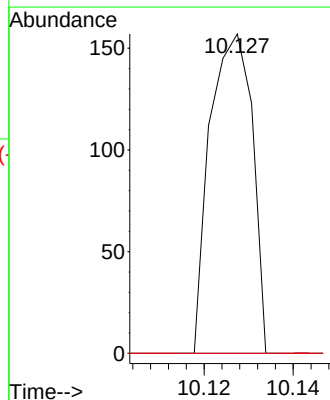
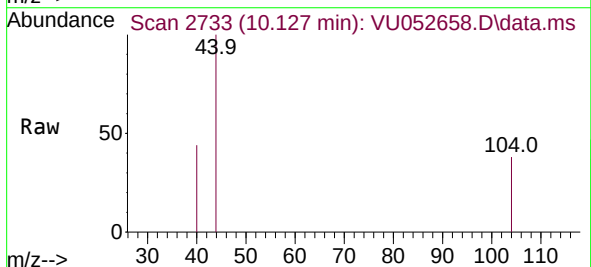
Instrument :
MSVOA_U
ClientSampleId :
VU0112WBL02

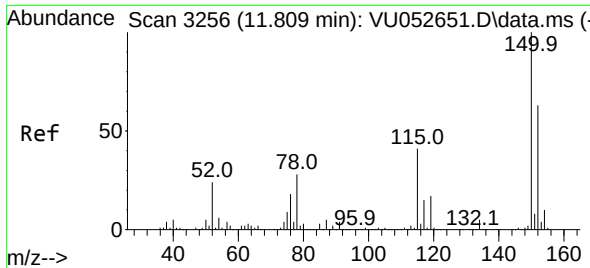
Tgt Ion:117 Resp: 350207
Ion Ratio Lower Upper
117 100
82 60.5 41.7 62.5
119 31.4 25.7 38.5



#70
Styrene
Concen: 0.778 ug/l
RT: 10.127 min Scan# 2733
Delta R.T. 0.016 min
Lab File: VU052658.D
Acq: 12 Jan 2023 11:44

Tgt Ion:104 Resp: 104
Ion Ratio Lower Upper
104 100
78 0.0 38.0 57.0#
103 0.0 43.9 65.9#

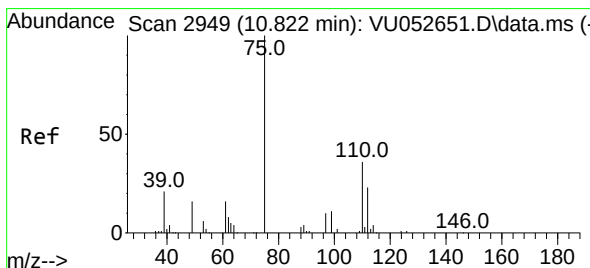
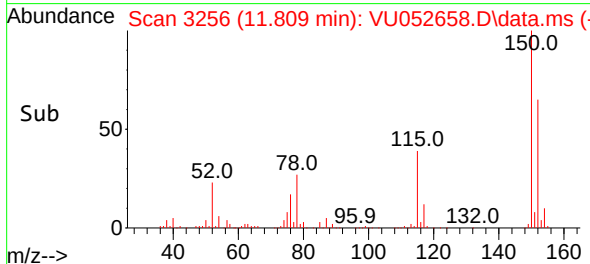
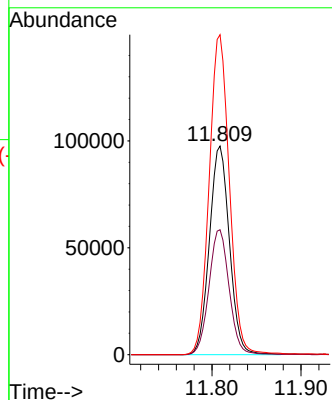
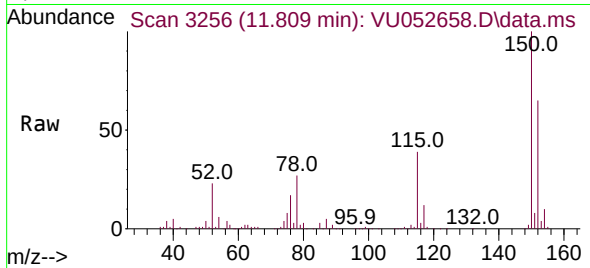




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.809 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU052658.D
Acq: 12 Jan 2023 11:44

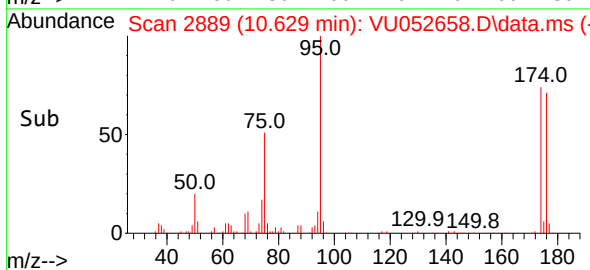
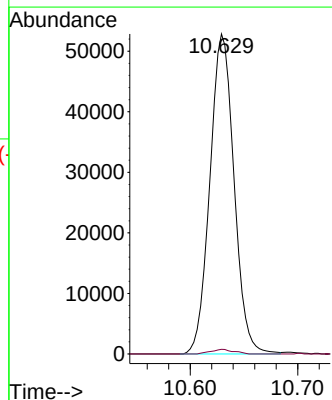
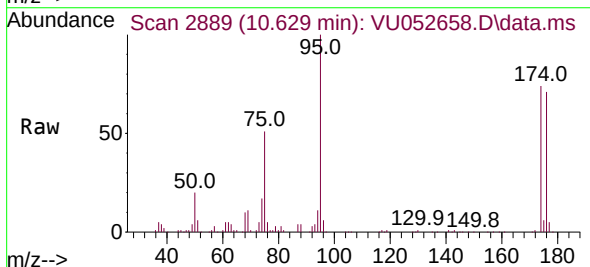
Instrument :
MSVOA_U
ClientSampleId :
VU0112WBL02

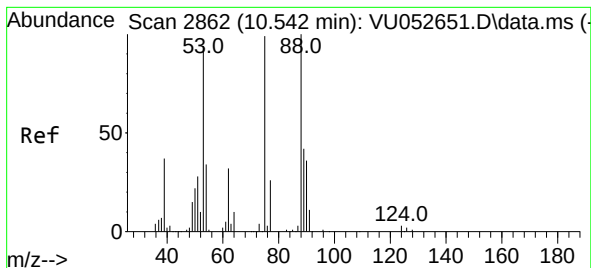
Tgt Ion:152 Resp: 152268
Ion Ratio Lower Upper
152 100
115 60.2 37.0 110.9
150 154.4 0.0 342.2



#76
1,2,3-Trichloropropane
Concen: 17.102 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. -0.193 min
Lab File: VU052658.D
Acq: 12 Jan 2023 11:44

Tgt Ion: 75 Resp: 82471
Ion Ratio Lower Upper
75 100
77 1.4 15.8 47.3#

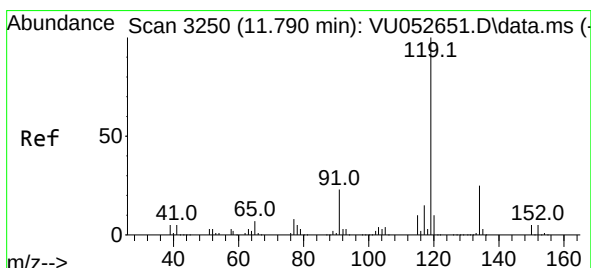
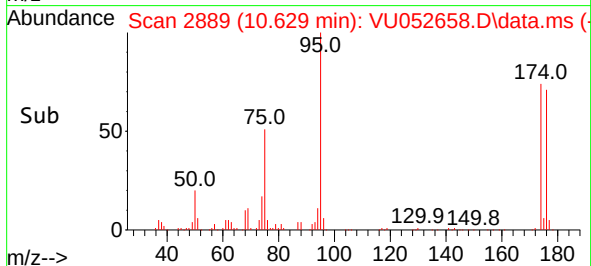
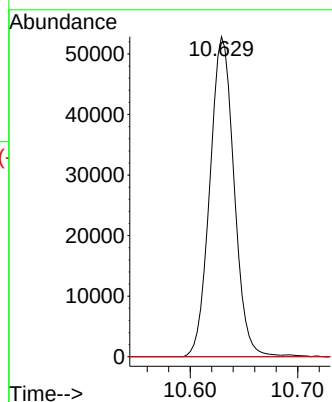
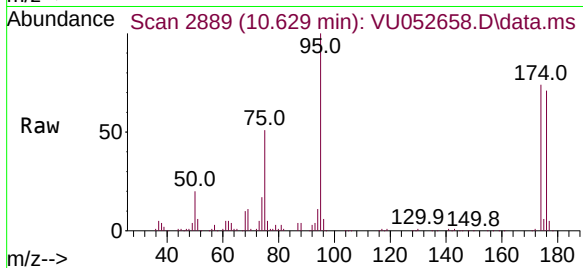




#81
trans-1,4-Dichloro-2-butene
Concen: 65.290 ug/l
RT: 10.629 min Scan# 2862
Delta R.T. 0.087 min
Lab File: VU052658.D
Acq: 12 Jan 2023 11:44

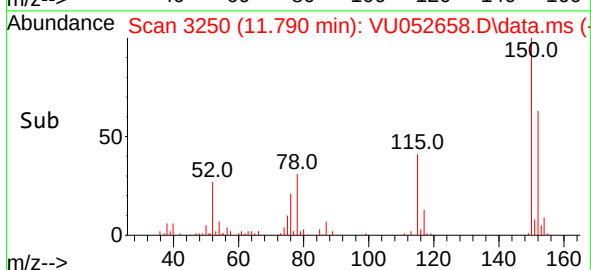
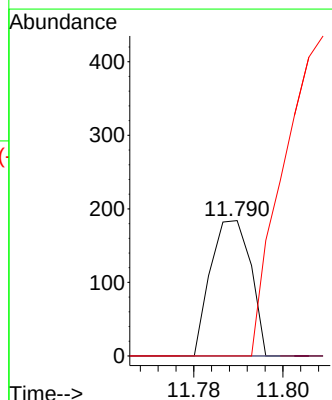
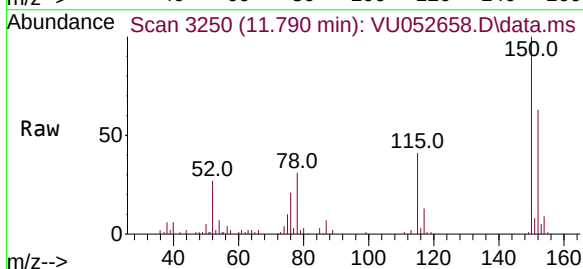
Instrument :
MSVOA_U
ClientSampleId :
VU0112WBL02

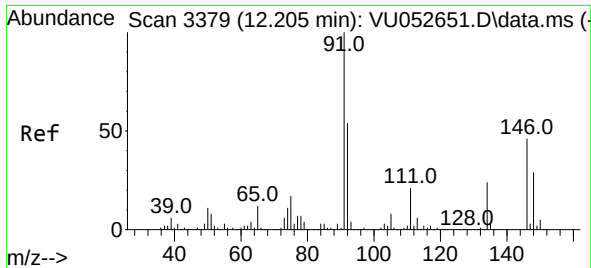
Tgt Ion: 75 Resp: 82471
Ion Ratio Lower Upper
75 100
53 0.0 69.2 103.8#
89 0.0 37.0 55.6#



#86
p-Isopropyltoluene
Concen: 0.931 ug/l
RT: 11.790 min Scan# 3250
Delta R.T. -0.000 min
Lab File: VU052658.D
Acq: 12 Jan 2023 11:44

Tgt Ion: 119 Resp: 115
Ion Ratio Lower Upper
119 100
134 0.0 13.5 40.4#
91 427.8 11.2 33.5#

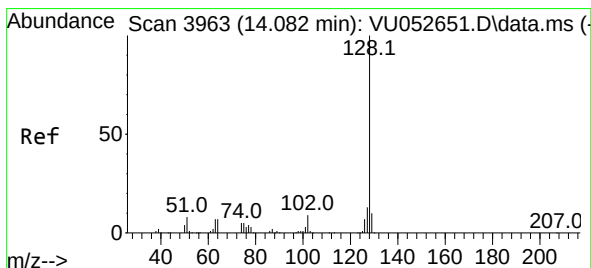
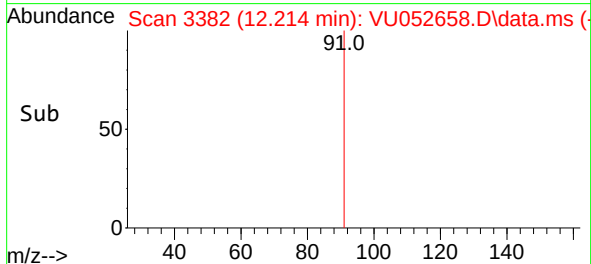
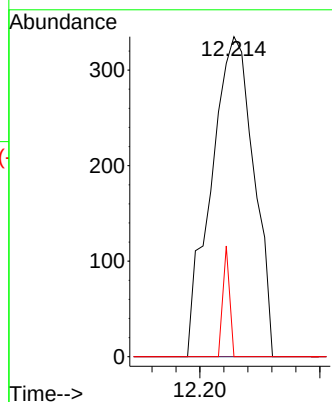
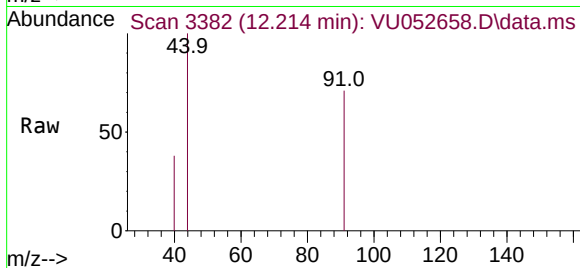




#89
n-Butylbenzene
Concen: 2.234 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.009 min
Lab File: VU052658.D
Acq: 12 Jan 2023 11:44

Instrument :
MSVOA_U
ClientSampleId :
VU0112WBL02

Tgt Ion: 91	Resp:	413
Ion	Ratio	Lower Upper
91	100	
92	0.0	26.2 78.6#
134	5.3	13.5 40.4#



#95
Naphthalene
Concen: 2.257 ug/l
RT: 14.098 min Scan# 3968
Delta R.T. 0.016 min
Lab File: VU052658.D
Acq: 12 Jan 2023 11:44

Tgt Ion: 128	Resp:	1630
Ion	Ratio	Lower Upper
128	100	
127	8.5	10.3 15.5#
129	0.0	8.6 13.0#

