

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012023\
 Data File : VU052753.D
 Acq On : 20 Jan 2023 11:22
 Operator : JC/MD
 Sample : VU0120WBL07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0120WBL07

Quant Time: Jan 21 01:00:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U011923W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 20 01:04:16 2023
 Response via : Initial Calibration

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

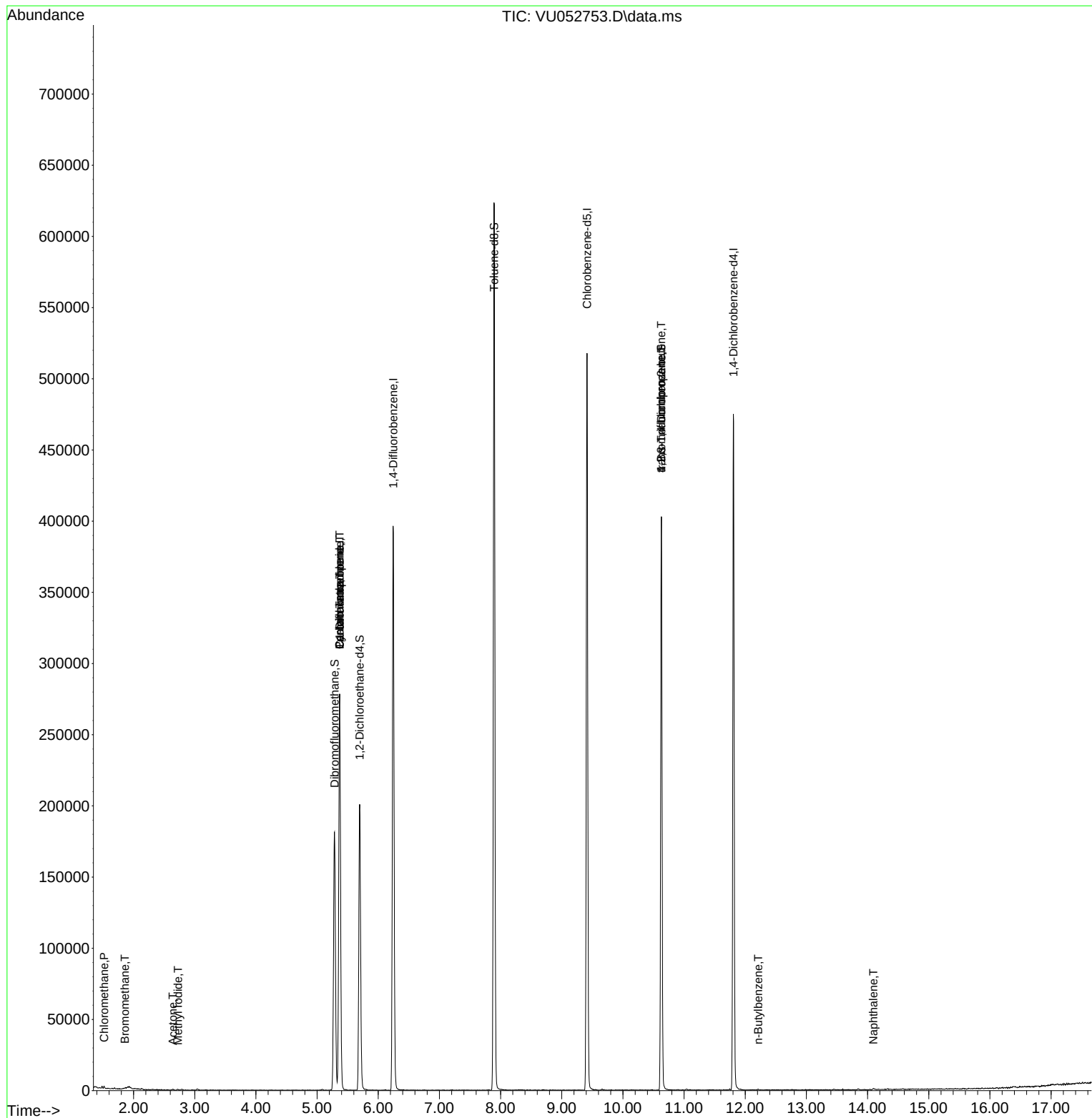
Internal Standards						
1) Pentafluorobenzene	5.369	168	192918	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.247	114	321822	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	291798	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	126559	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	152655	54.944	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.880%			
35) Dibromofluoromethane	5.285	113	119446	53.303	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.600%			
50) Toluene-d8	7.893	98	408187	48.572	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.140%			
62) 4-Bromofluorobenzene	10.629	95	133535	43.499	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 87.000%			
Target Compounds						Qvalue
3) Chloromethane	1.520	50	888	0.380	ug/l	92
5) Bromomethane	1.858	94	362	0.315	ug/l #	72
10) Methyl Iodide	2.726	142	664	4.746	ug/l #	55
16) Acetone	2.642	43	345	0.261	ug/l #	41
20) Methylene Chloride	3.038	84	136	Below Cal	#	45
31) Cyclohexane	5.369	56	3797	0.975	ug/l #	1
36) 1,1-Dichloropropene	5.369	75	14856	4.621	ug/l #	49
38) Carbon Tetrachloride	5.369	117	19235	5.815	ug/l #	19
76) 1,2,3-Trichloropropane	10.629	75	66176	19.161	ug/l #	47
81) trans-1,4-Dichloro-2-b...	10.629	75	66176	74.456	ug/l #	13
89) n-Butylbenzene	12.211	91	489	2.508	ug/l #	69
95) Naphthalene	14.095	128	1298	2.654	ug/l #	71

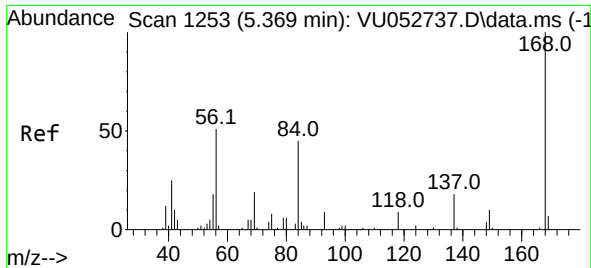
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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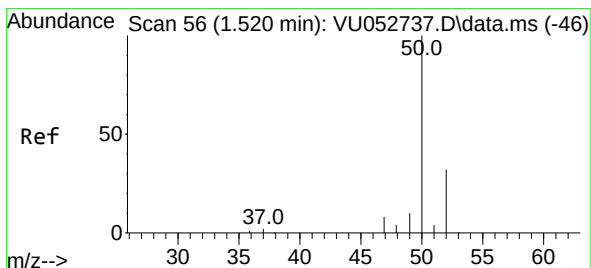
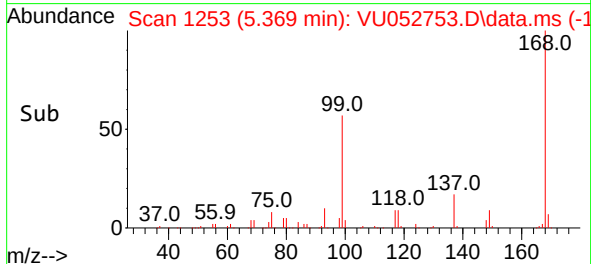
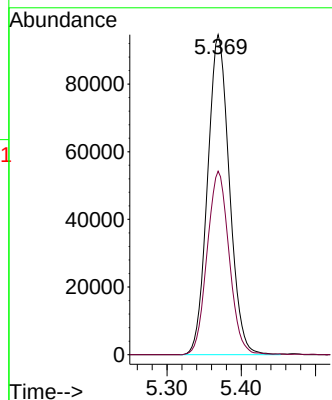
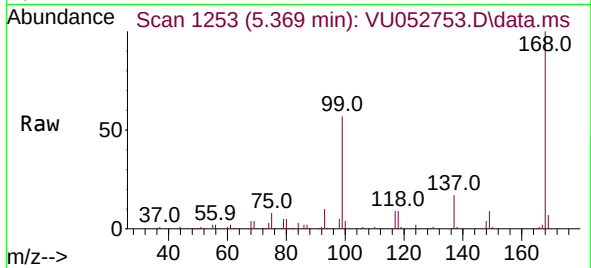




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU052753.D
Acq: 20 Jan 2023 11:22

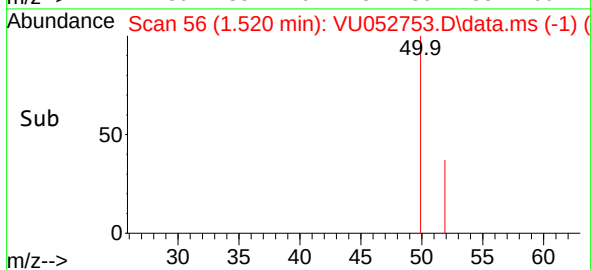
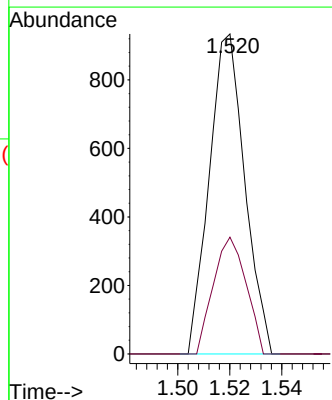
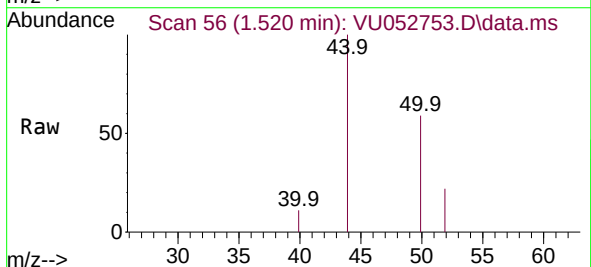
Instrument :
MSVOA_U
ClientSampleId :
VU0120WBL07

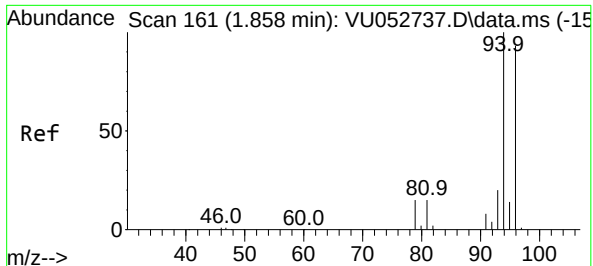
Tgt Ion:168 Resp: 192918
Ion Ratio Lower Upper
168 100
99 57.4 46.4 69.6



#3
Chloromethane
Concen: 0.380 ug/l
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU052753.D
Acq: 20 Jan 2023 11:22

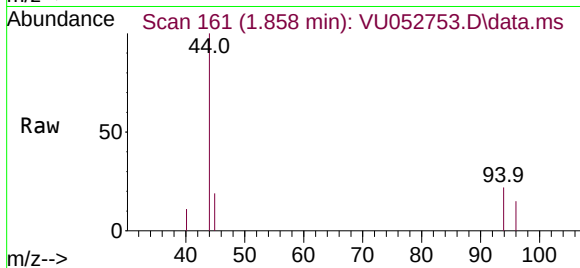
Tgt Ion: 50 Resp: 888
Ion Ratio Lower Upper
50 100
52 36.5 25.8 38.6



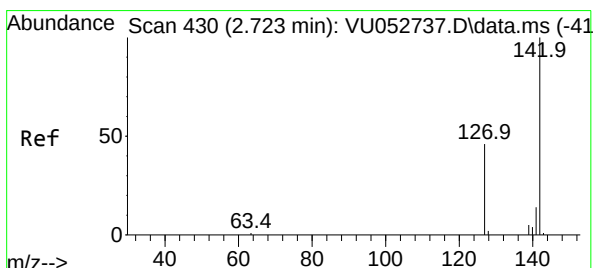
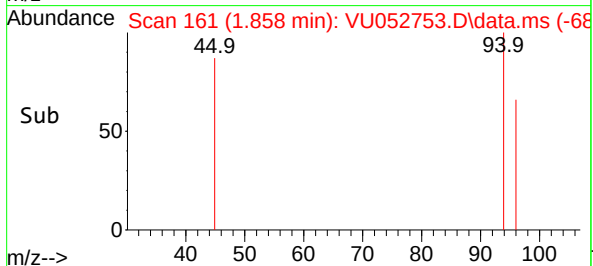
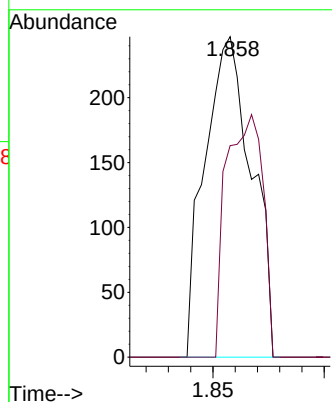


#5
Bromomethane
Concen: 0.315 ug/l
RT: 1.858 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU052753.D
Acq: 20 Jan 2023 11:22

Instrument :
MSVOA_U
ClientSampleId :
VU0120WBL07

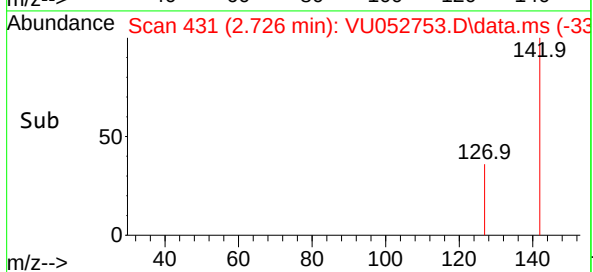
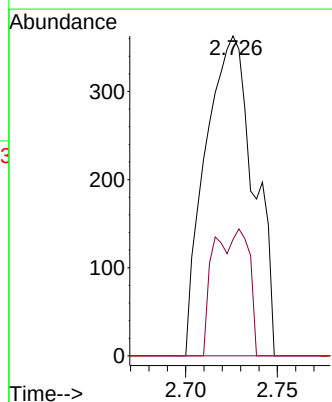
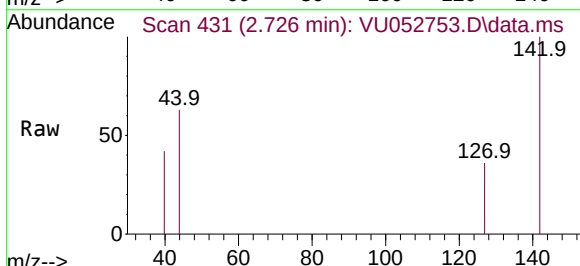


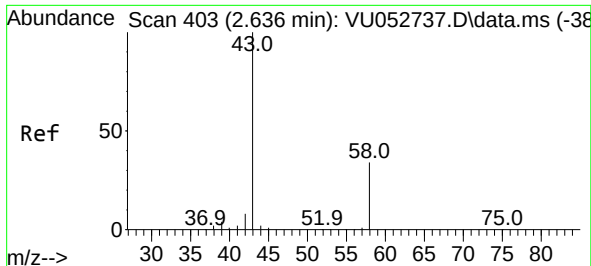
Tgt Ion: 94 Resp: 362
Ion Ratio Lower Upper
94 100
96 66.0 74.3 111.5#



#10
Methyl Iodide
Concen: 4.746 ug/l
RT: 2.726 min Scan# 431
Delta R.T. 0.003 min
Lab File: VU052753.D
Acq: 20 Jan 2023 11:22

Tgt Ion: 142 Resp: 664
Ion Ratio Lower Upper
142 100
127 14.0 36.3 54.5#
141 0.0 11.8 17.6#

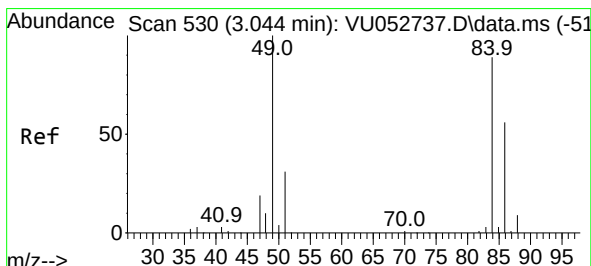
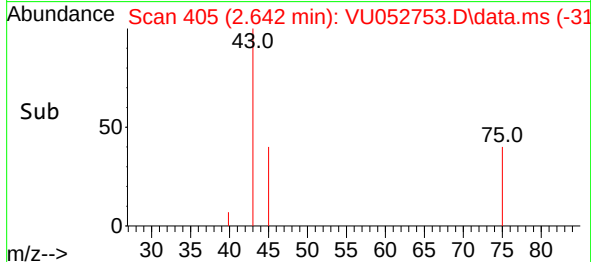
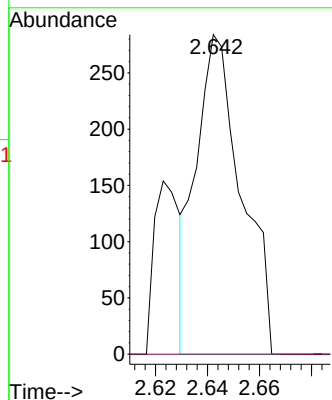
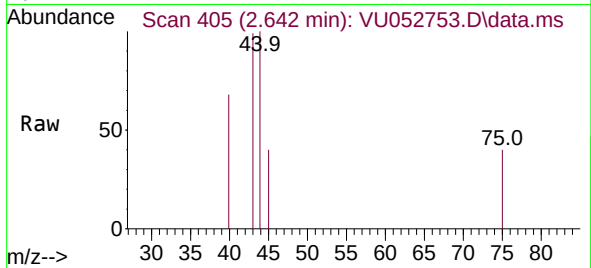




#16
Acetone
Concen: 0.261 ug/l
RT: 2.642 min Scan# 403
Delta R.T. 0.006 min
Lab File: VU052753.D
Acq: 20 Jan 2023 11:22

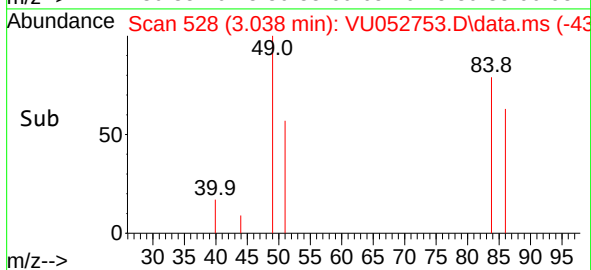
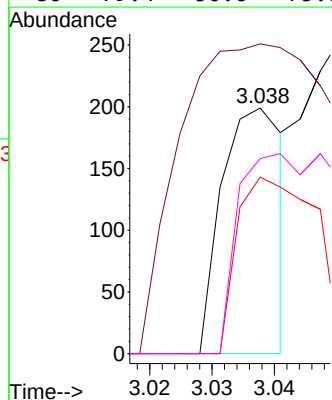
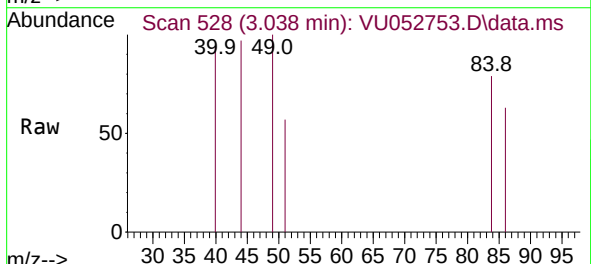
Instrument :
MSVOA_U
ClientSampleId :
VU0120WBL07

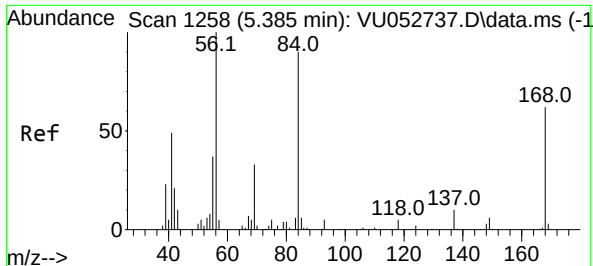
Tgt Ion: 43 Resp: 345
Ion Ratio Lower Upper
43 100
58 0.0 27.1 40.7#



#20
Methylene Chloride
Concen: Below Cal
RT: 3.038 min Scan# 528
Delta R.T. -0.006 min
Lab File: VU052753.D
Acq: 20 Jan 2023 11:22

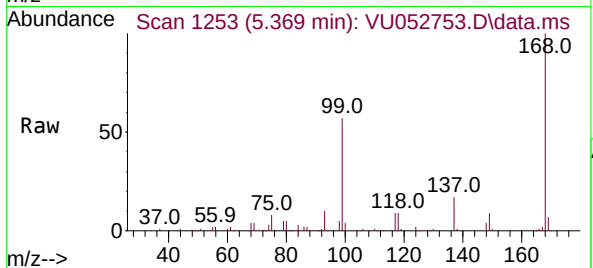
Tgt Ion: 84 Resp: 136
Ion Ratio Lower Upper
84 100
49 36.7 90.2 135.4#
51 71.9 28.1 42.1#
86 79.4 50.6 75.8#



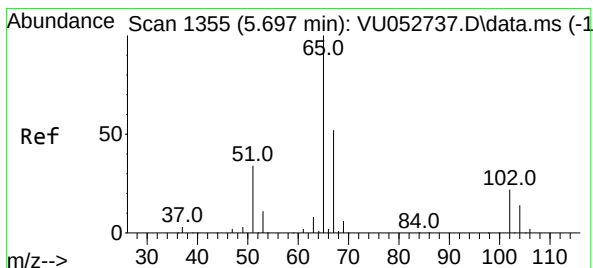
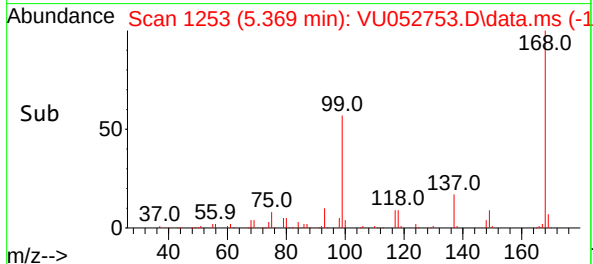
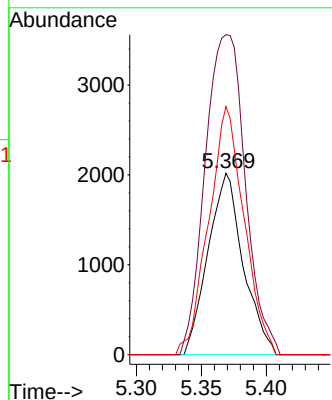


#31
Cyclohexane
Concen: 0.975 ug/l
RT: 5.369 min Scan# 1253
Delta R.T. -0.016 min
Lab File: VU052753.D
Acq: 20 Jan 2023 11:22

Instrument :
MSVOA_U
ClientSampleId :
VU0120WBL07

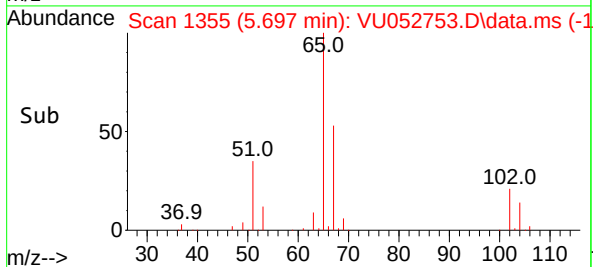
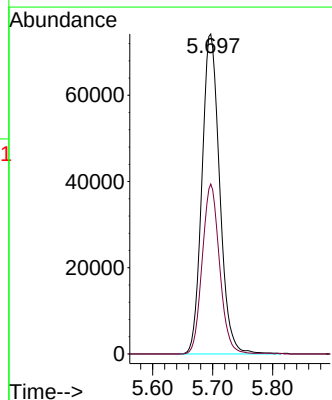
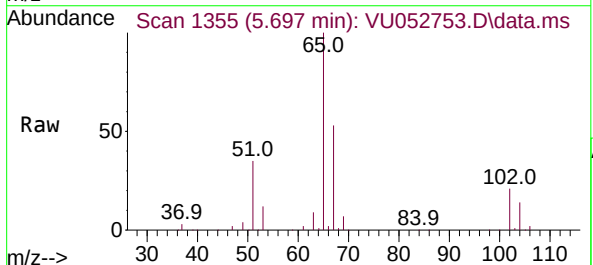


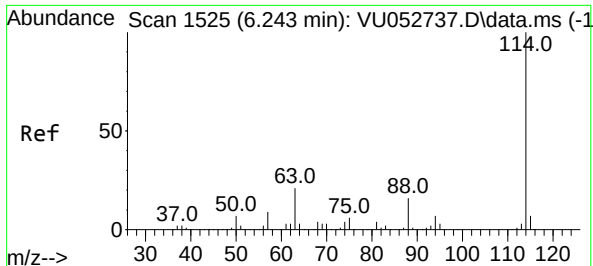
Tgt Ion: 56 Resp: 3797
Ion Ratio Lower Upper
56 100
69 176.4 26.2 39.2#
84 136.8 72.2 108.4#



#33
1,2-Dichloroethane-d4
Concen: 54.944 ug/l
RT: 5.697 min Scan# 1355
Delta R.T. 0.000 min
Lab File: VU052753.D
Acq: 20 Jan 2023 11:22

Tgt Ion: 65 Resp: 152655
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 1

Delta R.T. 0.004 min

Lab File: VU052753.D

Acq: 20 Jan 2023 11:22

Instrument :

MSVOA_U

ClientSampleId :

VU0120WBL07

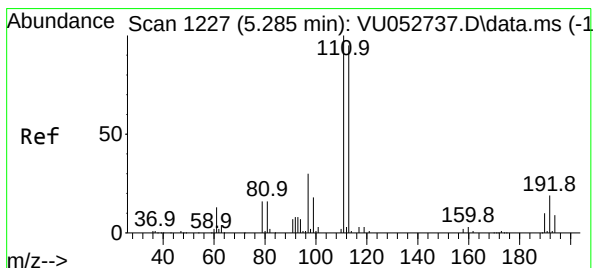
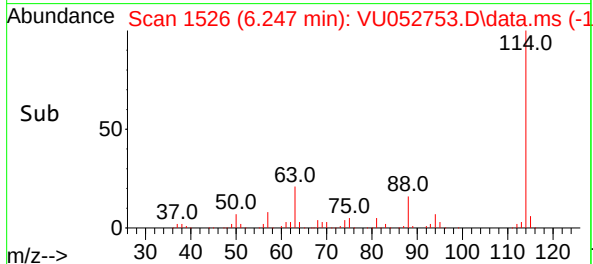
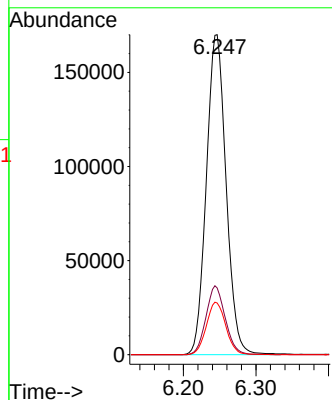
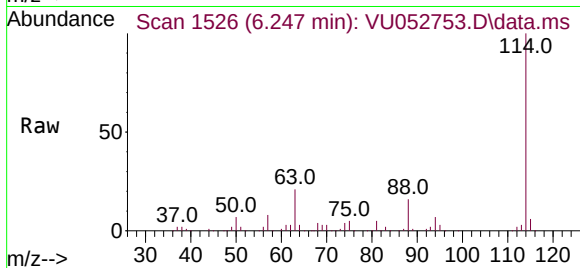
Tgt Ion:114 Resp: 321822

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.4

88 16.1 0.0 32.8



#35

Dibromofluoromethane

Concen: 53.303 ug/l

RT: 5.285 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VU052753.D

Acq: 20 Jan 2023 11:22

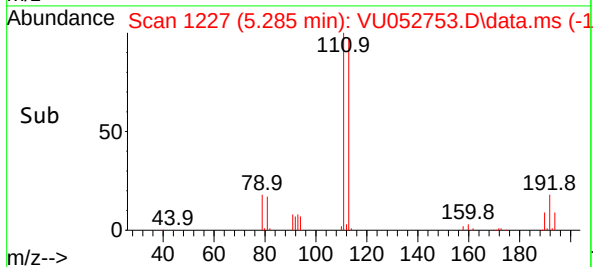
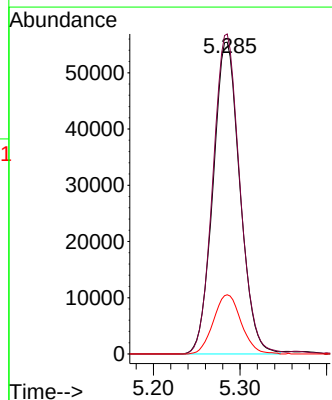
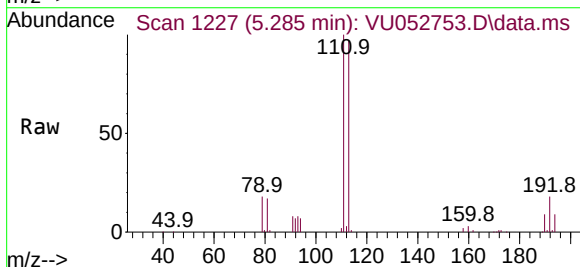
Tgt Ion:113 Resp: 119446

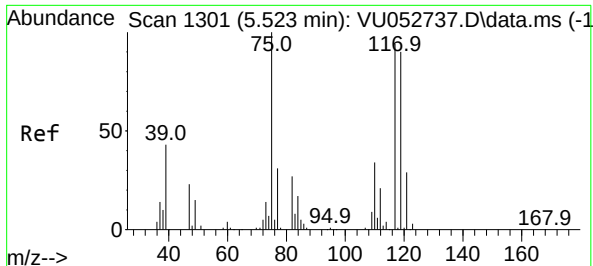
Ion Ratio Lower Upper

113 100

111 102.8 81.2 121.8

192 19.6 15.7 23.5





#36

1,1-Dichloropropene

Concen: 4.621 ug/l

RT: 5.369 min Scan# 1253

Delta R.T. -0.154 min

Lab File: VU052753.D

Acq: 20 Jan 2023 11:22

Instrument :

MSVOA_U

ClientSampleId :

VU0120WBL07

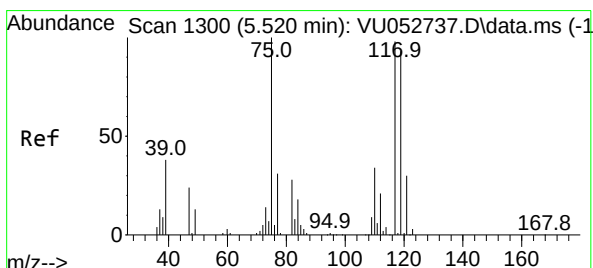
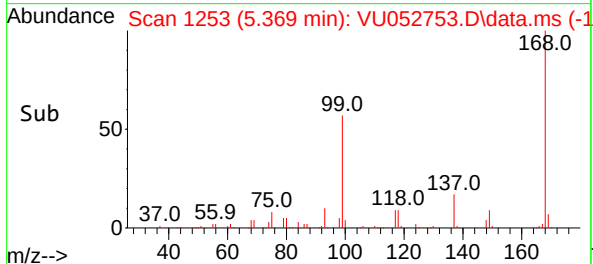
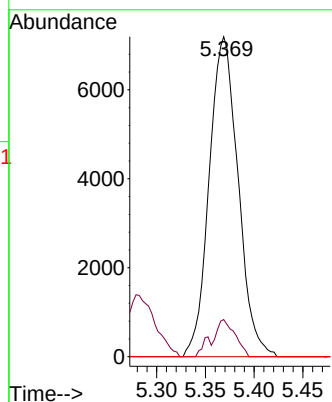
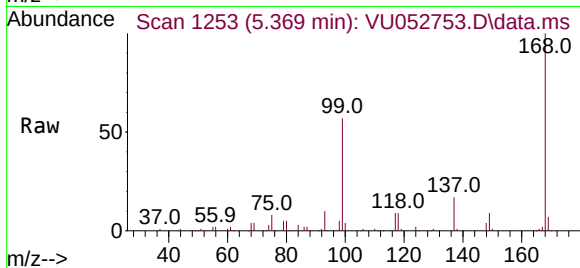
Tgt Ion: 75 Resp: 14856

Ion Ratio Lower Upper

75 100

110 7.4 17.1 51.2#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.815 ug/l

RT: 5.369 min Scan# 1253

Delta R.T. -0.151 min

Lab File: VU052753.D

Acq: 20 Jan 2023 11:22

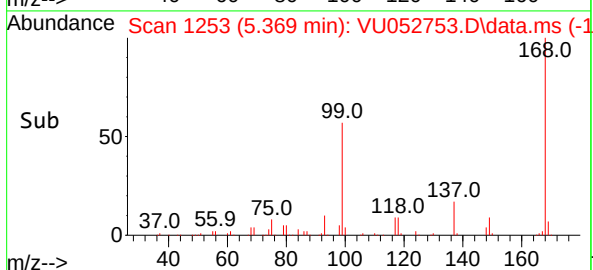
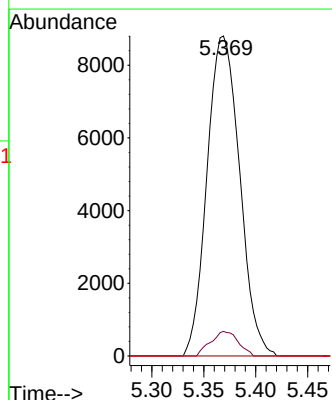
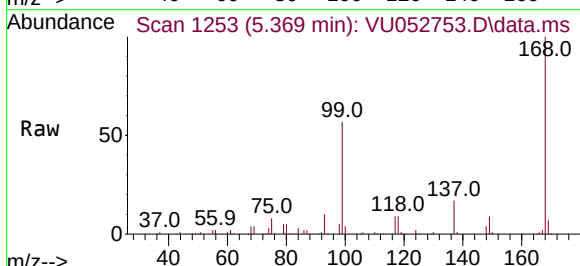
Tgt Ion: 117 Resp: 19235

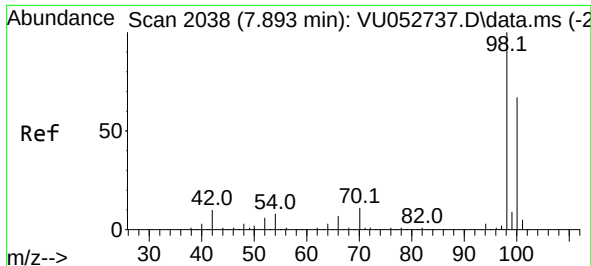
Ion Ratio Lower Upper

117 100

119 7.7 75.6 113.4#

121 0.0 24.2 36.4#

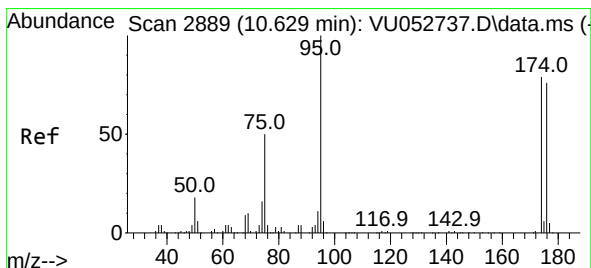
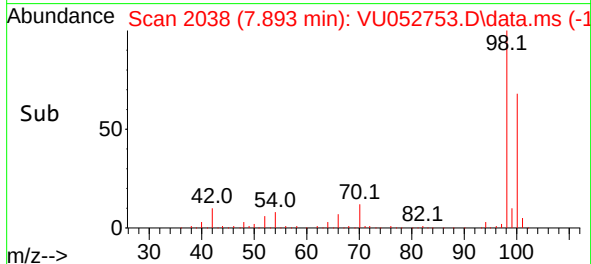
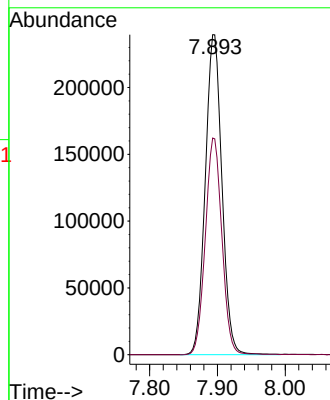
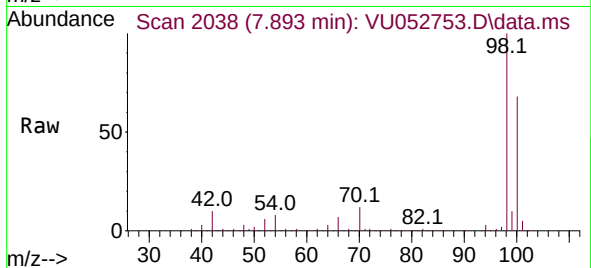




#50
Toluene-d8
Concen: 48.572 ug/l
RT: 7.893 min Scan# 2038
Delta R.T. 0.000 min
Lab File: VU052753.D
Acq: 20 Jan 2023 11:22

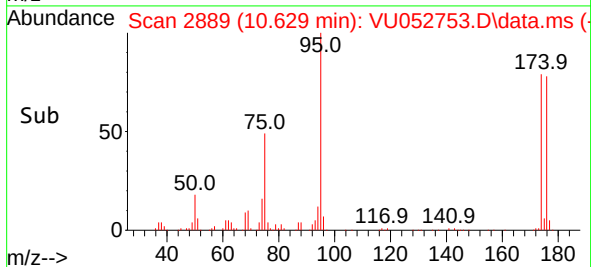
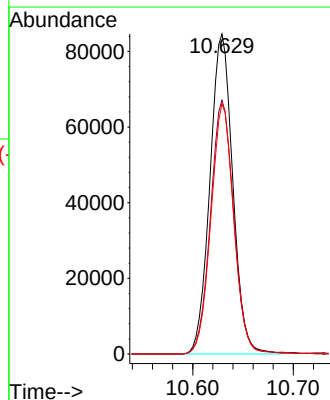
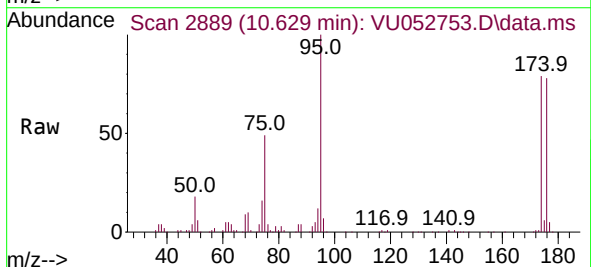
Instrument :
MSVOA_U
ClientSampleId :
VU0120WBL07

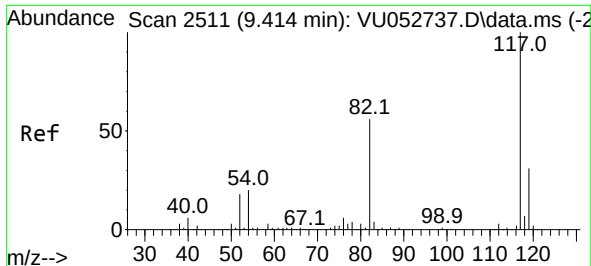
Tgt Ion: 98 Resp: 408187
Ion Ratio Lower Upper
98 100
100 67.3 53.7 80.5



#62
4-Bromofluorobenzene
Concen: 43.499 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.000 min
Lab File: VU052753.D
Acq: 20 Jan 2023 11:22

Tgt Ion: 95 Resp: 133535
Ion Ratio Lower Upper
95 100
174 80.7 0.0 158.6
176 78.2 0.0 150.6

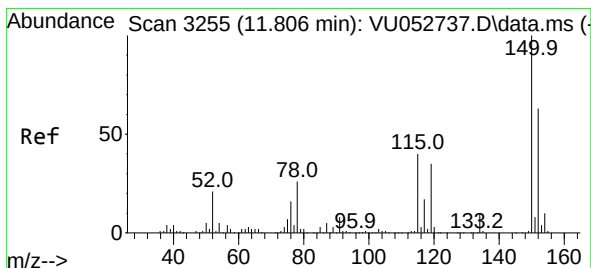
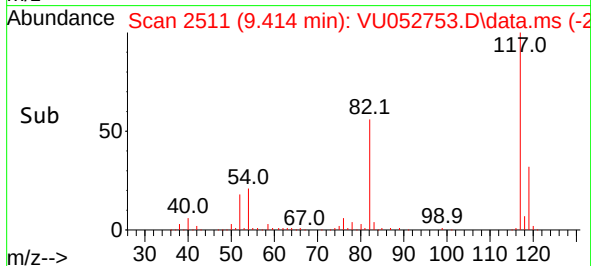
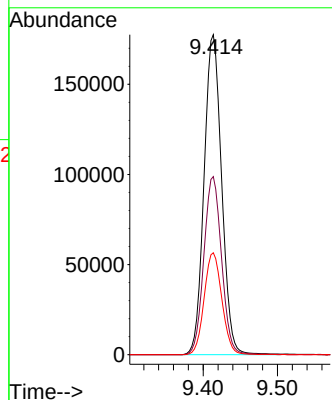
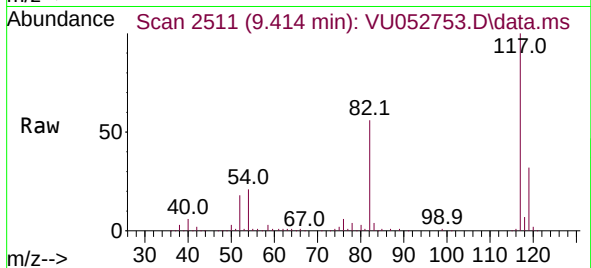




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU052753.D
Acq: 20 Jan 2023 11:22

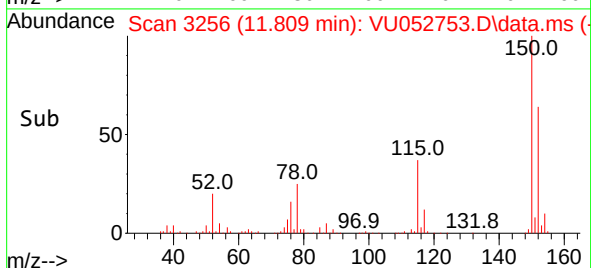
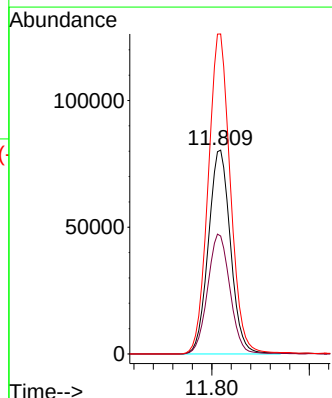
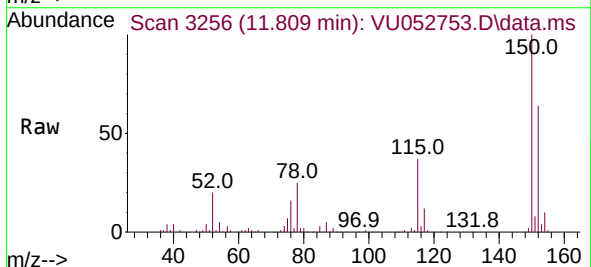
Instrument :
MSVOA_U
ClientSampleId :
VU0120WBL07

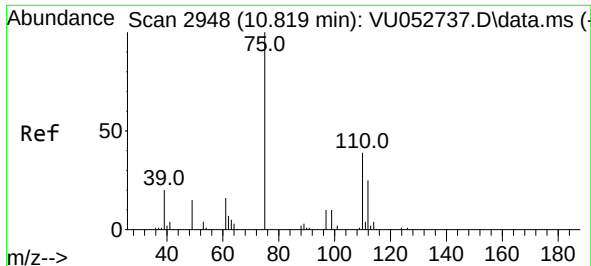
Tgt Ion:117 Resp: 291798
Ion Ratio Lower Upper
117 100
82 55.6 44.7 67.1
119 31.9 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.809 min Scan# 3256
Delta R.T. 0.003 min
Lab File: VU052753.D
Acq: 20 Jan 2023 11:22

Tgt Ion:152 Resp: 126559
Ion Ratio Lower Upper
152 100
115 59.2 41.7 125.1
150 157.7 0.0 349.2

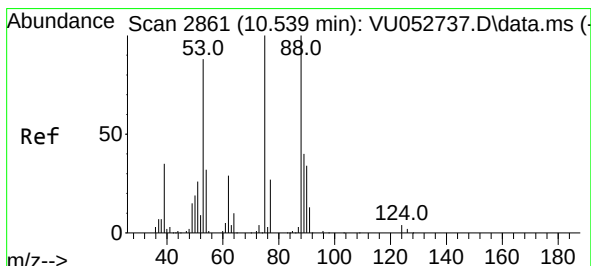
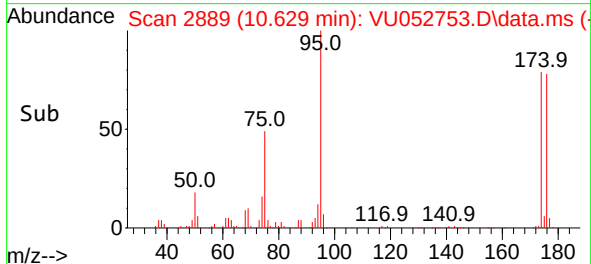
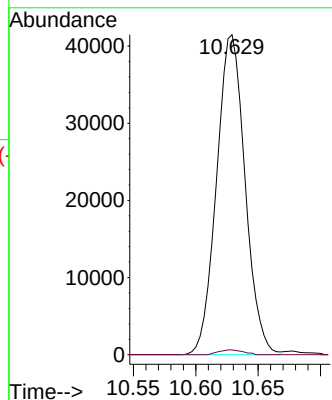
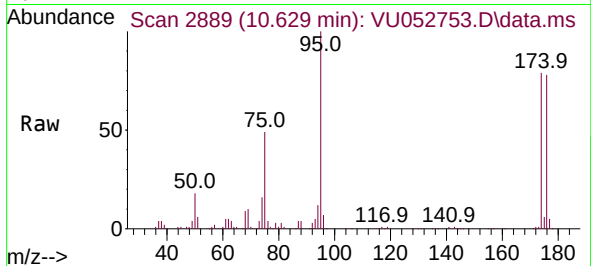




#76
1,2,3-Trichloropropane
Concen: 19.161 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. -0.190 min
Lab File: VU052753.D
Acq: 20 Jan 2023 11:22

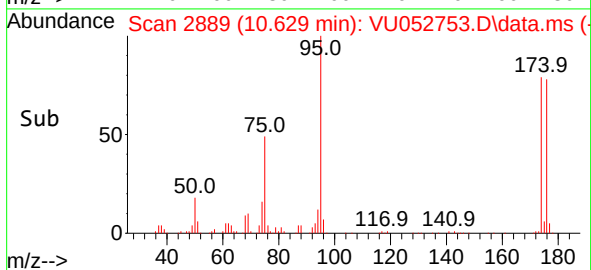
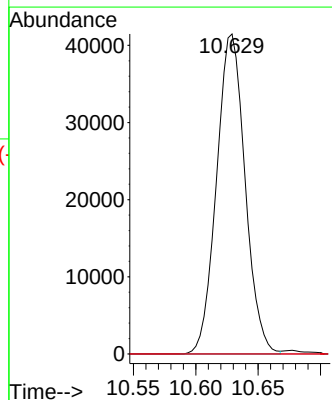
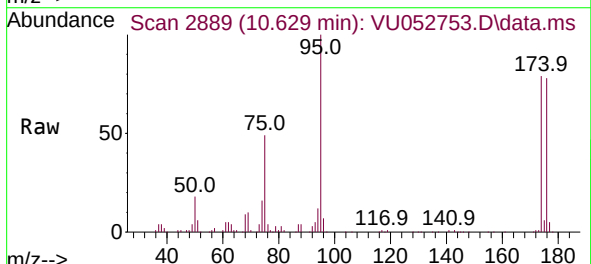
Instrument :
MSVOA_U
ClientSampleId :
VU0120WBL07

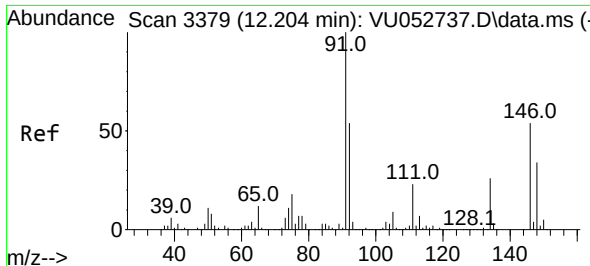
Tgt Ion: 75 Resp: 66176
Ion Ratio Lower Upper
75 100
77 1.3 15.0 45.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.456 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.090 min
Lab File: VU052753.D
Acq: 20 Jan 2023 11:22

Tgt Ion: 75 Resp: 66176
Ion Ratio Lower Upper
75 100
53 0.0 72.4 108.6#
89 0.0 35.0 52.4#





#89

n-Butylbenzene

Concen: 2.508 ug/l

RT: 12.211 min Scan# 3381

Delta R.T. 0.007 min

Lab File: VU052753.D

Acq: 20 Jan 2023 11:22

Instrument :

MSVOA_U

ClientSampleId :

VU0120WBL07

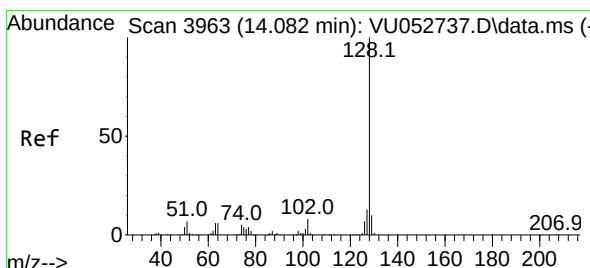
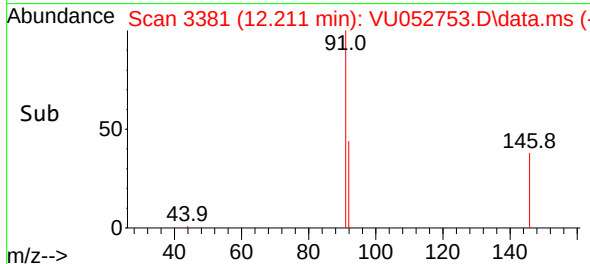
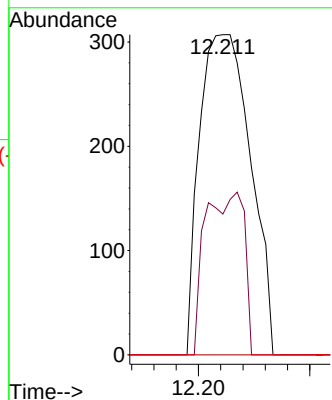
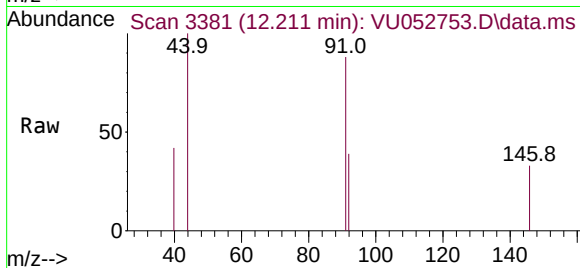
Tgt Ion: 91 Resp: 489

Ion Ratio Lower Upper

91 100

92 38.9 26.8 80.3

134 0.0 13.1 39.3#



#95

Naphthalene

Concen: 2.654 ug/l

RT: 14.095 min Scan# 3967

Delta R.T. 0.013 min

Lab File: VU052753.D

Acq: 20 Jan 2023 11:22

Tgt Ion: 128 Resp: 1298

Ion Ratio Lower Upper

128 100

127 1.5 10.3 15.5#

129 0.0 8.6 13.0#

