

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011223\
 Data File : VU052657.D
 Acq On : 12 Jan 2023 11:16
 Operator : JC/MD
 Sample : VU0112WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0112WBL01

Quant Time: Jan 13 01:42:52 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)

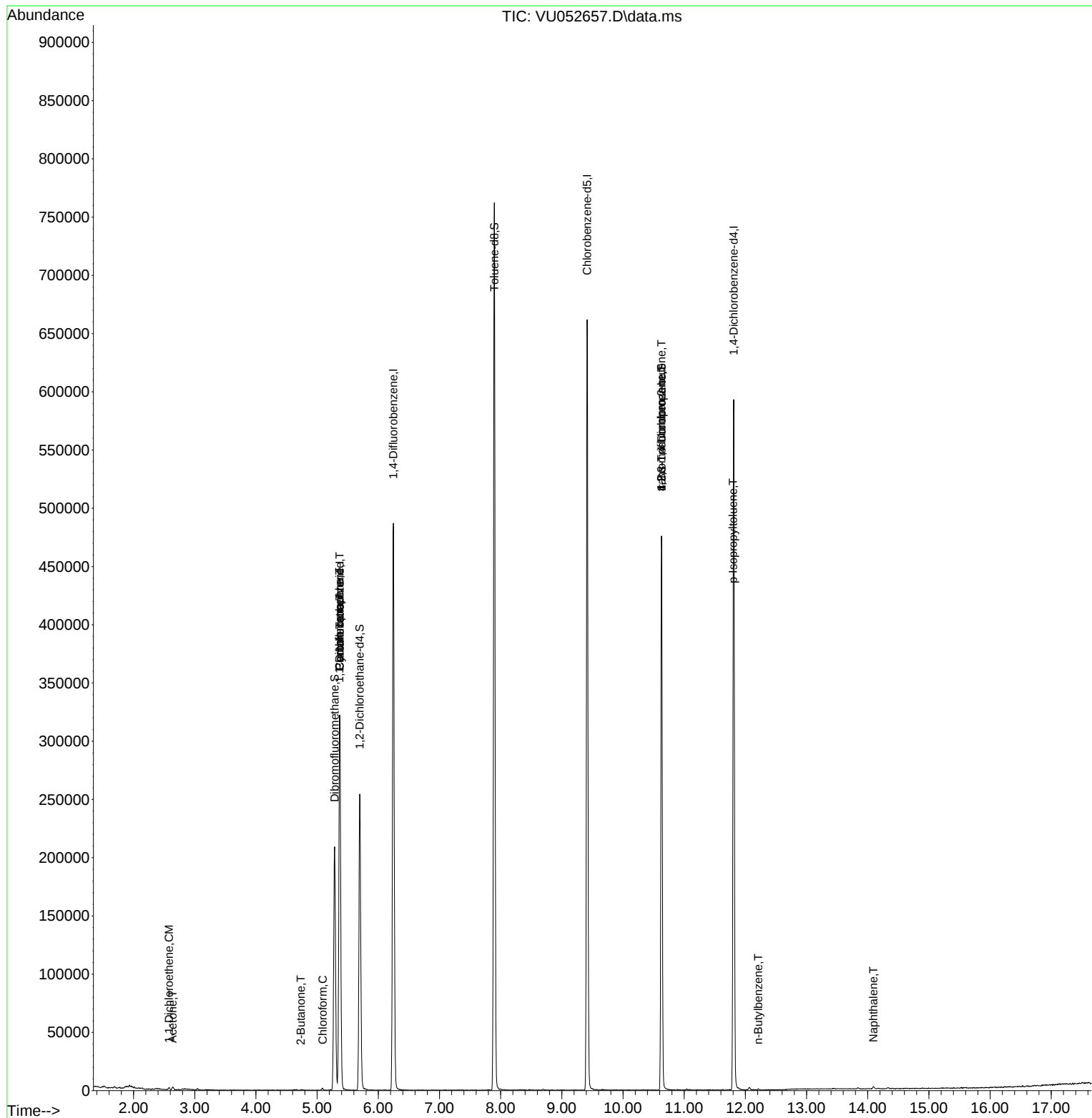
Internal Standards						
1) Pentafluorobenzene	5.369	168	217354	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	386486	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	350851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	150729	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	187050	53.865	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.720%	
35) Dibromofluoromethane	5.285	113	136919	51.433	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.860%	
50) Toluene-d8	7.896	98	492523	48.191	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 96.380%	
62) 4-Bromofluorobenzene	10.629	95	160922	43.446	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 86.900%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.517	50	1283	Below Cal	#	83
12) 1,1-Dichloroethene	2.578	96	657	0.259	ug/l	89
16) Acetone	2.639	43	3222	1.809	ug/l	90
20) Methylene Chloride	3.044	84	482	Below Cal		92
25) 2-Butanone	4.735	43	592	0.242	ug/l	# 45
30) Chloroform	5.092	83	1369	0.238	ug/l	# 84
31) Cyclohexane	5.369	56	4969	0.928	ug/l	# 1
36) 1,1-Dichloropropene	5.366	75	18790	4.485	ug/l	# 47
38) Carbon Tetrachloride	5.369	117	22876	5.888	ug/l	# 16
76) 1,2,3-Trichloropropane	10.629	75	83374	17.466	ug/l	# 45
81) trans-1,4-Dichloro-2-b...	10.629	75	83374	66.679	ug/l	# 15
86) p-Isopropyltoluene	11.799	119	474	0.967	ug/l	# 56
89) n-Butylbenzene	12.211	91	650	2.259	ug/l	# 66
95) Naphthalene	14.092	128	2912	2.383	ug/l	# 81

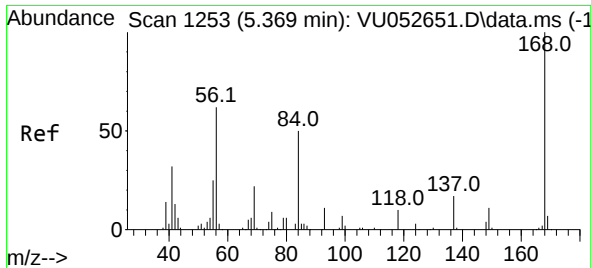
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jan 13 01:24:13 2023
Response via : Initial Calibration

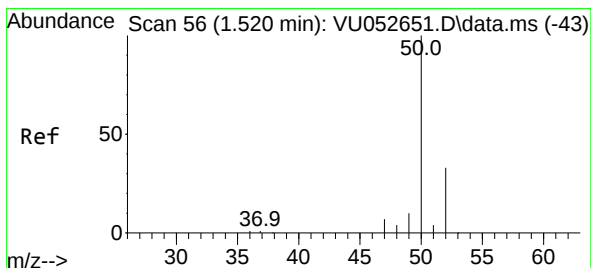
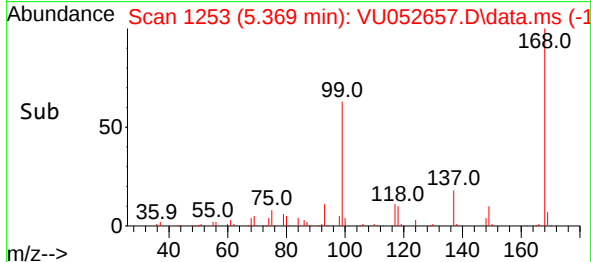
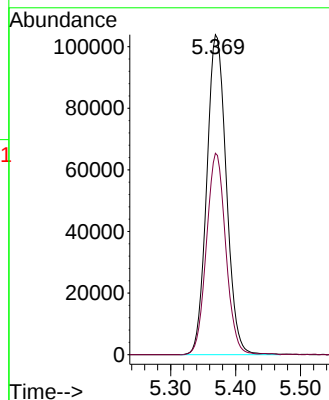
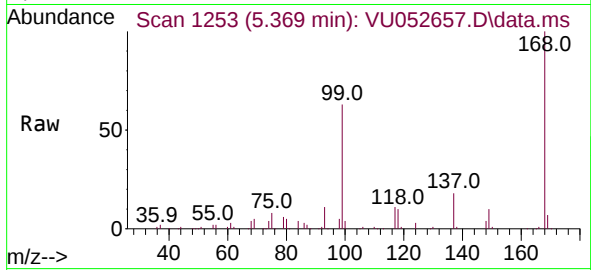




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU052657.D
Acq: 12 Jan 2023 11:16

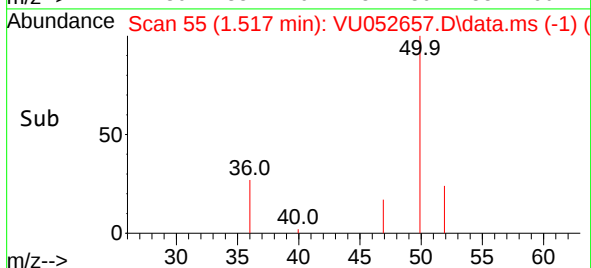
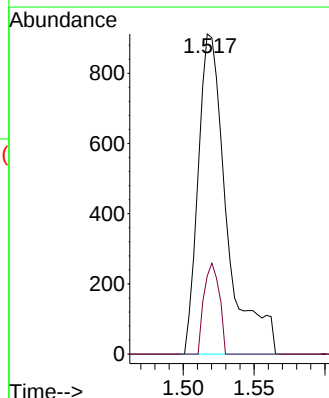
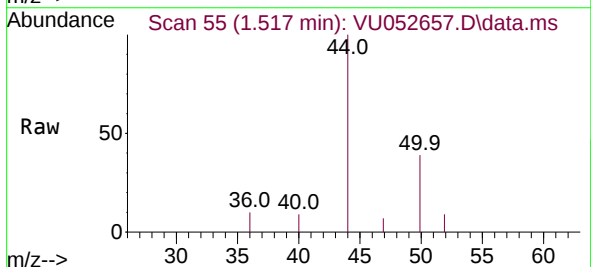
Instrument :
MSVOA_U
ClientSampleId :
VU0112WBL01

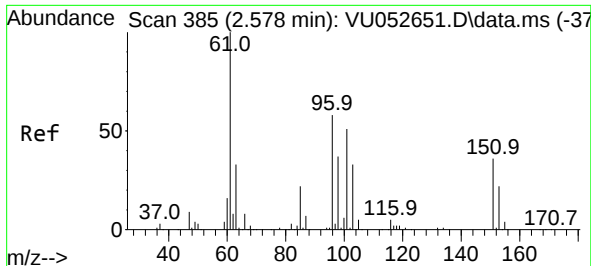
Tgt Ion:168 Resp: 217354
Ion Ratio Lower Upper
168 100
99 63.0 39.3 58.9#



#3
Chloromethane
Concen: Below Cal
RT: 1.517 min Scan# 55
Delta R.T. -0.003 min
Lab File: VU052657.D
Acq: 12 Jan 2023 11:16

Tgt Ion: 50 Resp: 1283
Ion Ratio Lower Upper
50 100
52 24.5 27.4 41.2#





#12

1,1-Dichloroethene

Concen: 0.259 ug/l

RT: 2.578 min Scan# 385

Delta R.T. -0.000 min

Lab File: VU052657.D

Acq: 12 Jan 2023 11:16

Instrument :

MSVOA_U

ClientSampleId :

VU0112WBL01

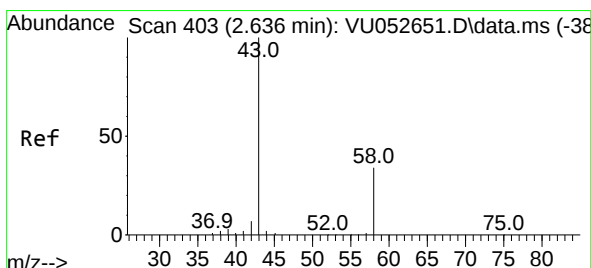
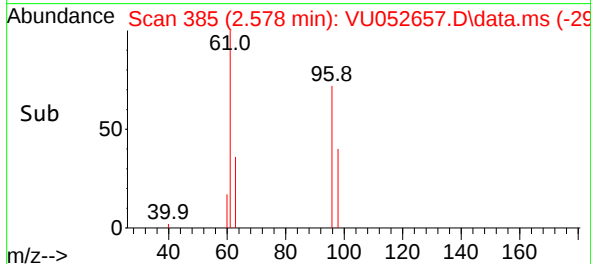
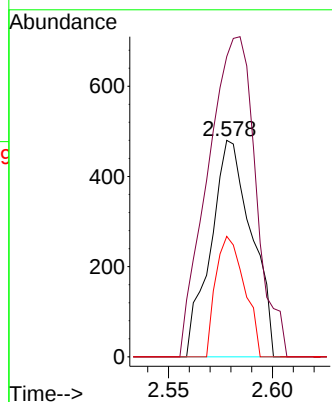
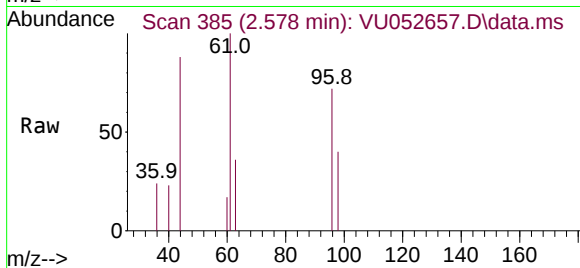
Tgt Ion: 96 Resp: 657

Ion Ratio Lower Upper

96 100

61 138.8 122.2 183.2

98 55.6 50.7 76.1



#16

Acetone

Concen: 1.809 ug/l

RT: 2.639 min Scan# 404

Delta R.T. 0.003 min

Lab File: VU052657.D

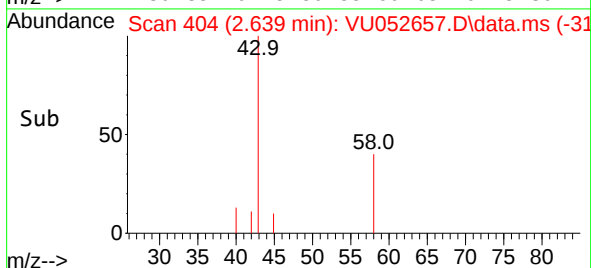
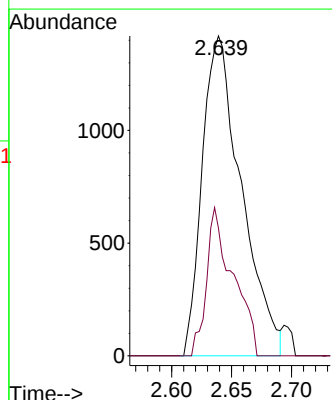
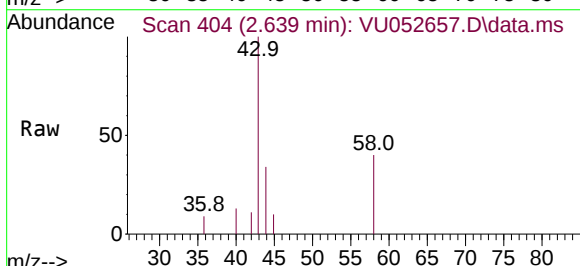
Acq: 12 Jan 2023 11:16

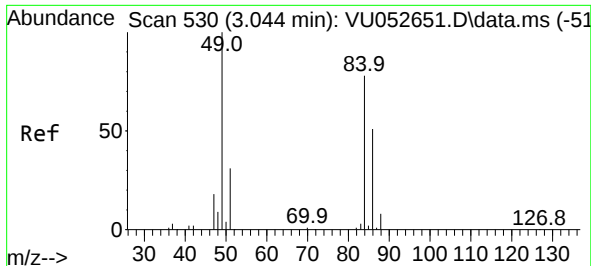
Tgt Ion: 43 Resp: 3222

Ion Ratio Lower Upper

43 100

58 40.0 27.5 41.3

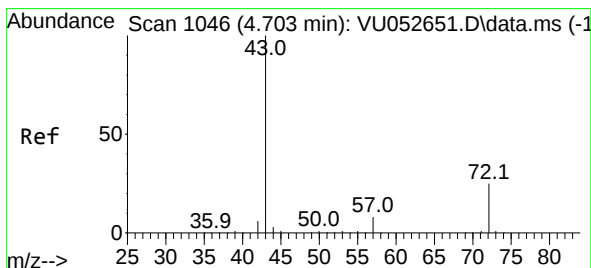
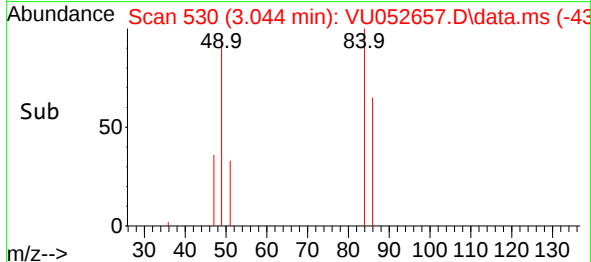
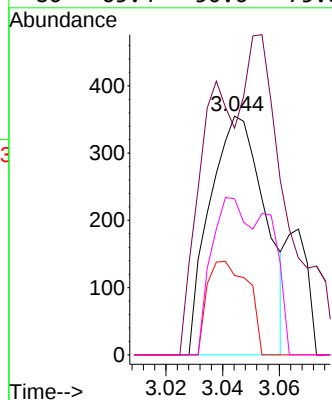
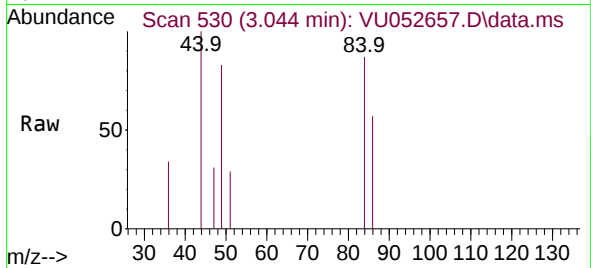




#20
Methylene Chloride
Concen: Below Cal
RT: 3.044 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU052657.D
Acq: 12 Jan 2023 11:16

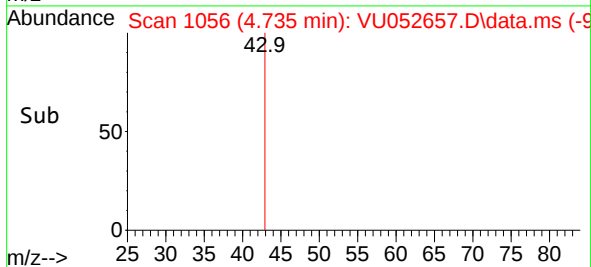
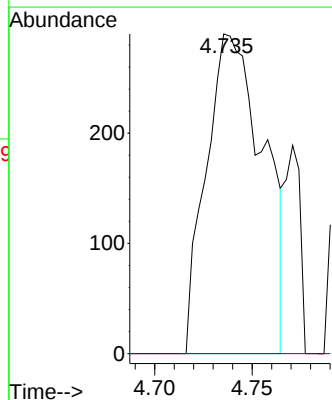
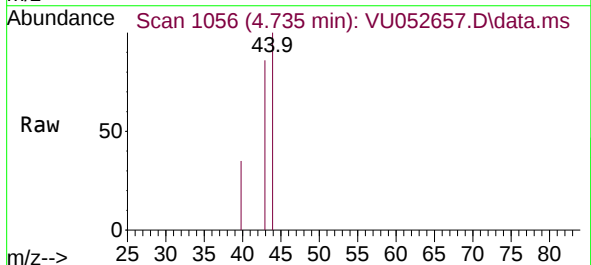
Instrument :
MSVOA_U
ClientSampleId :
VU0112WBL01

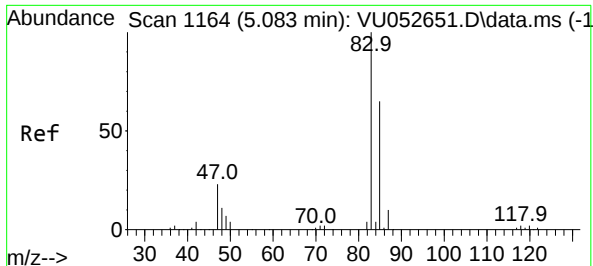
Tgt Ion:	84	Resp:	482
Ion	Ratio	Lower	Upper
84	100		
49	94.9	86.6	129.8
51	33.2	26.6	40.0
86	65.4	50.6	75.8



#25
2-Butanone
Concen: 0.242 ug/l
RT: 4.735 min Scan# 1056
Delta R.T. 0.032 min
Lab File: VU052657.D
Acq: 12 Jan 2023 11:16

Tgt Ion:	43	Resp:	592
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.8	35.6#

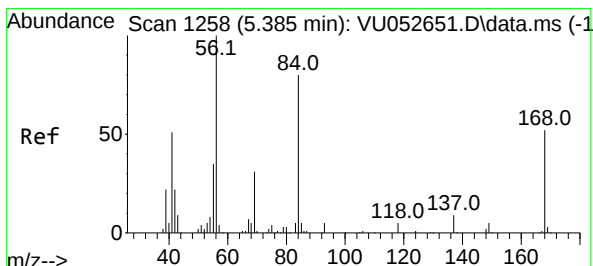
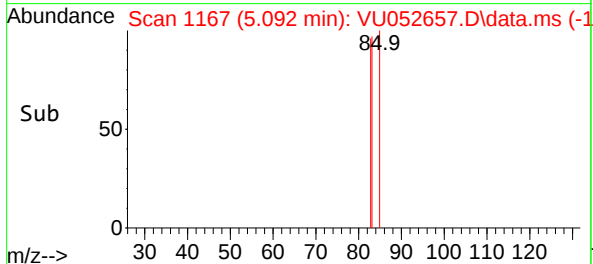
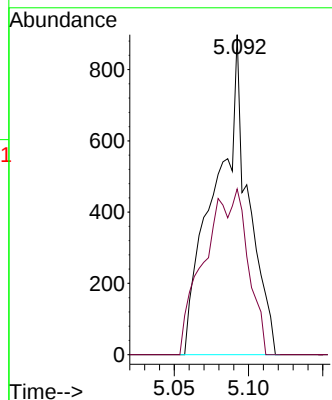
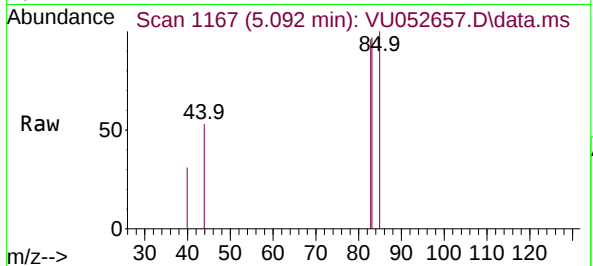




#30
Chloroform
Concen: 0.238 ug/l
RT: 5.092 min Scan# 1167
Delta R.T. 0.009 min
Lab File: VU052657.D
Acq: 12 Jan 2023 11:16

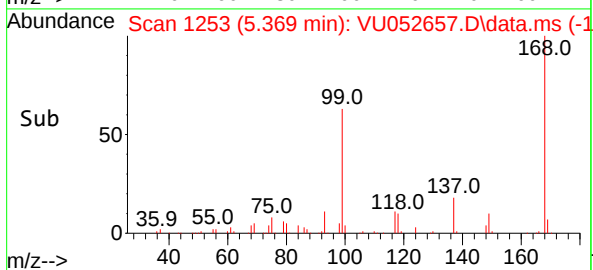
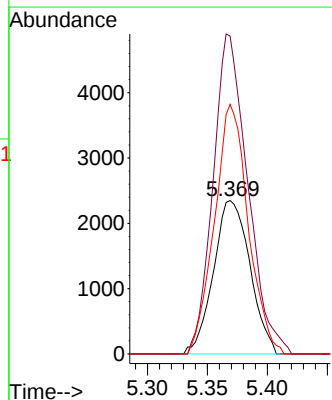
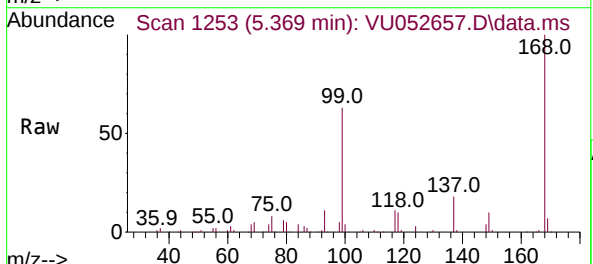
Instrument :
MSVOA_U
ClientSampleId :
VU0112WBL01

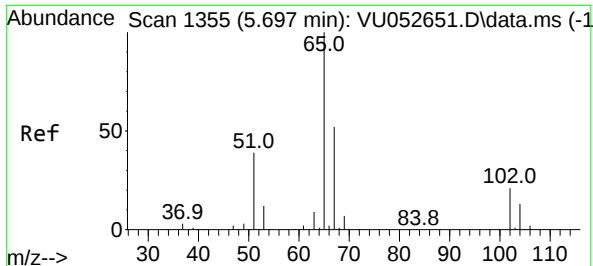
Tgt Ion: 83 Resp: 1369
Ion Ratio Lower Upper
83 100
85 51.8 51.2 76.8



#31
Cyclohexane
Concen: 0.928 ug/l
RT: 5.369 min Scan# 1253
Delta R.T. -0.016 min
Lab File: VU052657.D
Acq: 12 Jan 2023 11:16

Tgt Ion: 56 Resp: 4969
Ion Ratio Lower Upper
56 100
69 207.1 27.8 41.8#
84 162.6 74.2 111.4#





#33

1,2-Dichloroethane-d4

Concen: 53.865 ug/l

RT: 5.697 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU052657.D

Acq: 12 Jan 2023 11:16

Instrument :

MSVOA_U

ClientSampleId :

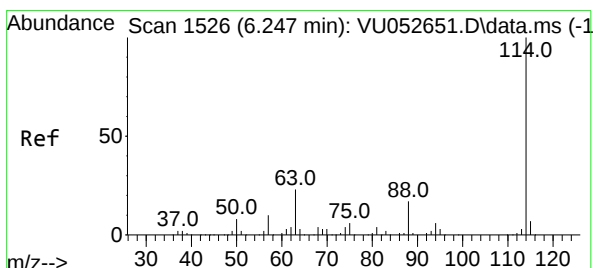
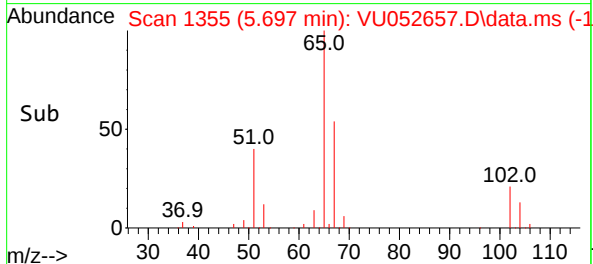
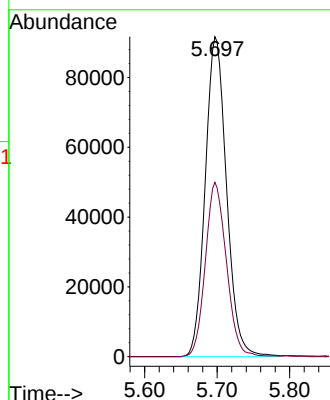
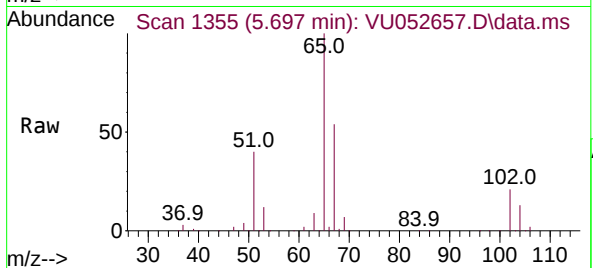
VU0112WBL01

Tgt Ion: 65 Resp: 187050

Ion Ratio Lower Upper

65 100

67 53.9 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: VU052657.D

Acq: 12 Jan 2023 11:16

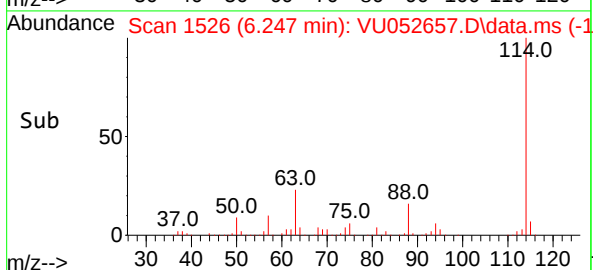
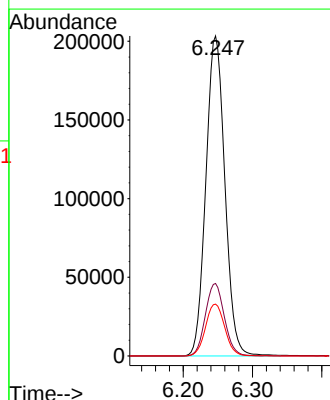
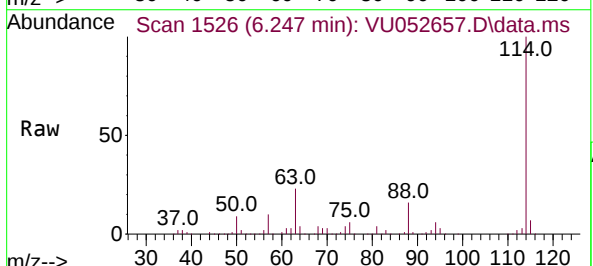
Tgt Ion: 114 Resp: 386486

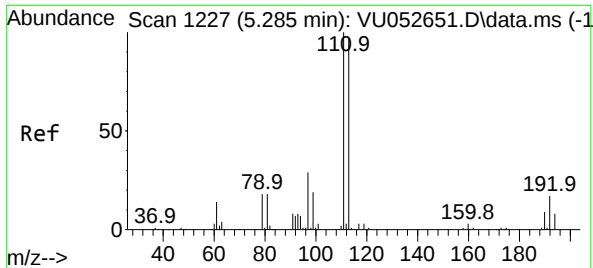
Ion Ratio Lower Upper

114 100

63 22.7 0.0 37.8

88 16.2 0.0 29.2

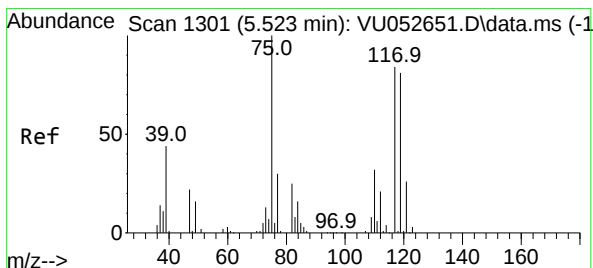
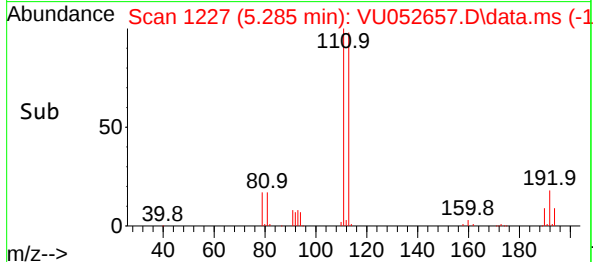
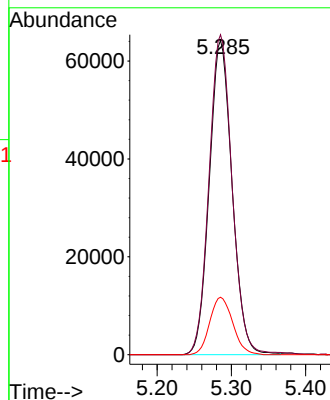
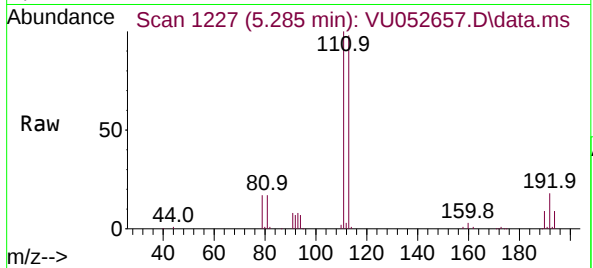




#35
Dibromofluoromethane
Concen: 51.433 ug/l
RT: 5.285 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU052657.D
Acq: 12 Jan 2023 11:16

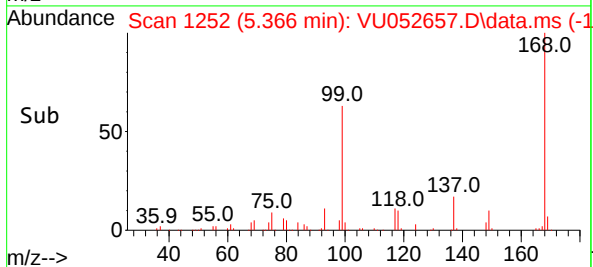
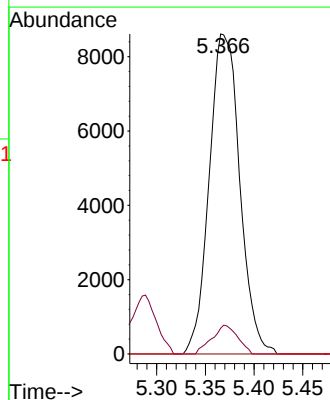
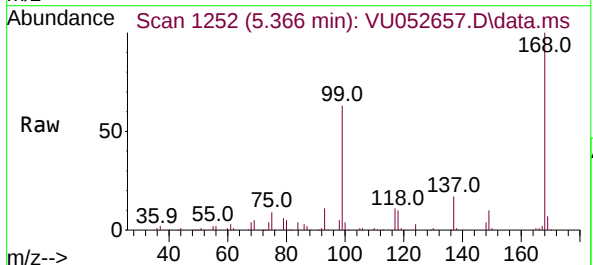
Instrument :
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VU0112WBL01

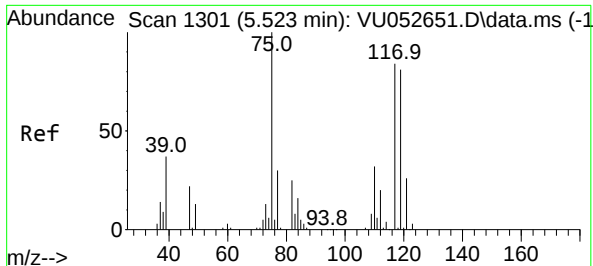
Tgt Ion:113 Resp: 136919
Ion Ratio Lower Upper
113 100
111 103.4 82.1 123.1
192 18.4 18.0 27.0



#36
1,1-Dichloropropene
Concen: 4.485 ug/l
RT: 5.366 min Scan# 1252
Delta R.T. -0.157 min
Lab File: VU052657.D
Acq: 12 Jan 2023 11:16

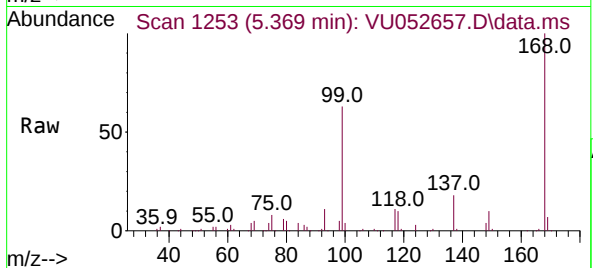
Tgt Ion: 75 Resp: 18790
Ion Ratio Lower Upper
75 100
110 7.6 18.4 55.2#
77 0.0 25.1 37.7#



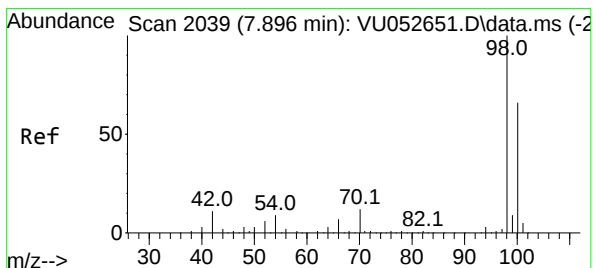
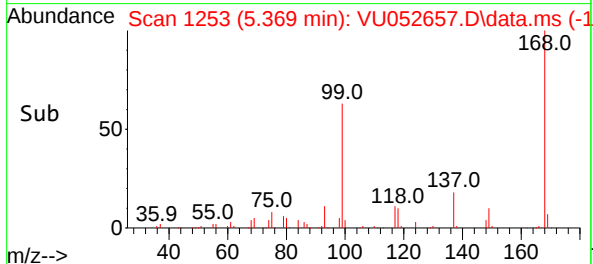
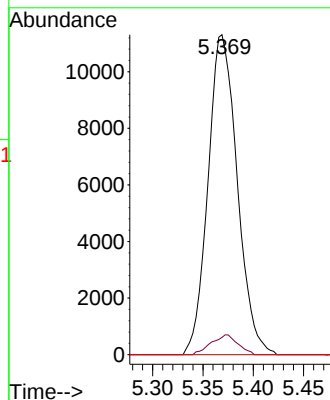


#38
Carbon Tetrachloride
Concen: 5.888 ug/l
RT: 5.369 min Scan# 117
Delta R.T. -0.154 min
Lab File: VU052657.D
Acq: 12 Jan 2023 11:16

Instrument :
MSVOA_U
ClientSampleId :
VU0112WBL01

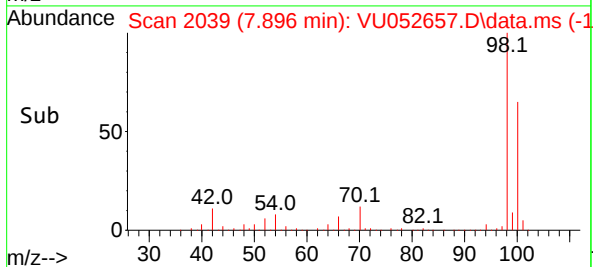
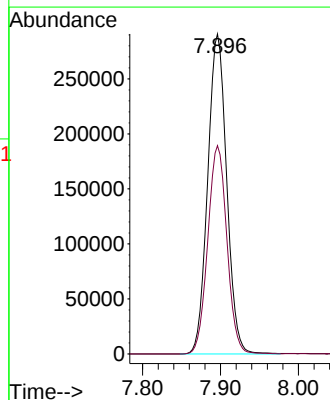
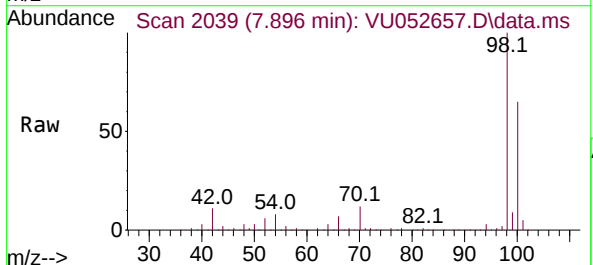


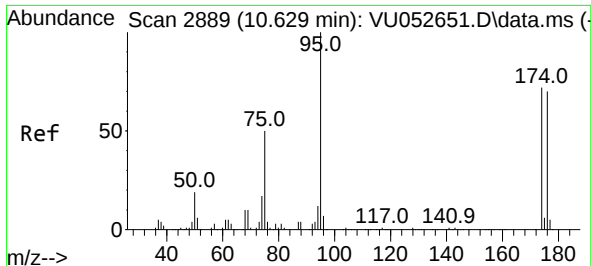
Tgt Ion:117 Resp: 22876
Ion Ratio Lower Upper
117 100
119 5.4 76.8 115.2#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 48.191 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VU052657.D
Acq: 12 Jan 2023 11:16

Tgt Ion: 98 Resp: 492523
Ion Ratio Lower Upper
98 100
100 65.7 51.7 77.5

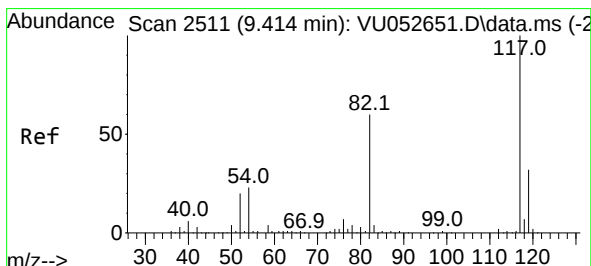
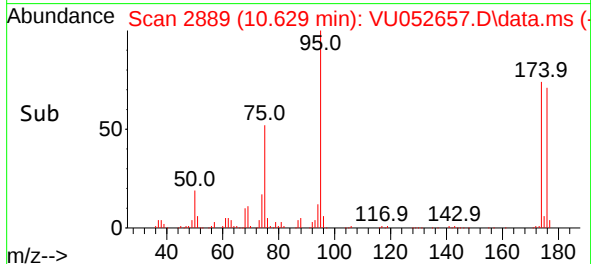
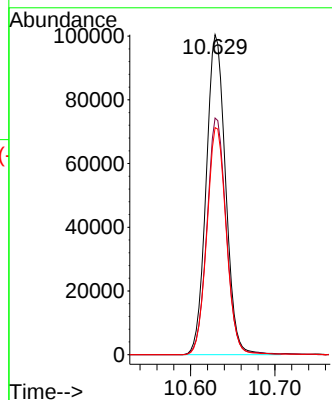
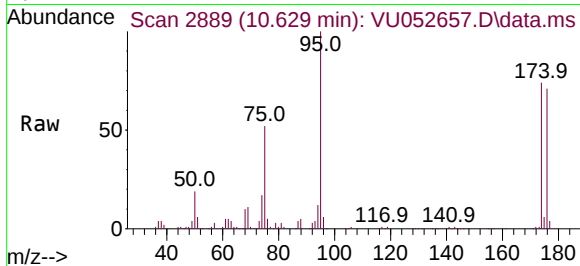




#62
4-Bromofluorobenzene
Concen: 43.446 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.000 min
Lab File: VU052657.D
Acq: 12 Jan 2023 11:16

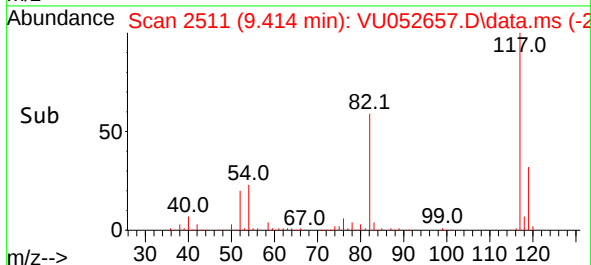
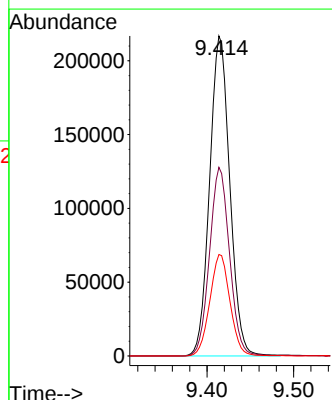
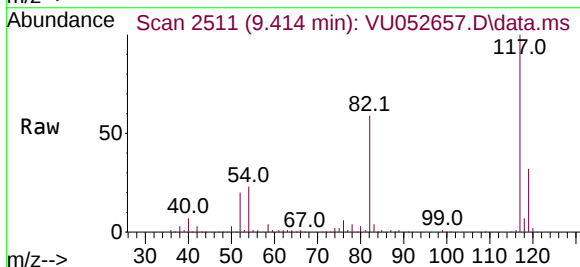
Instrument :
MSVOA_U
ClientSampleId :
VU0112WBL01

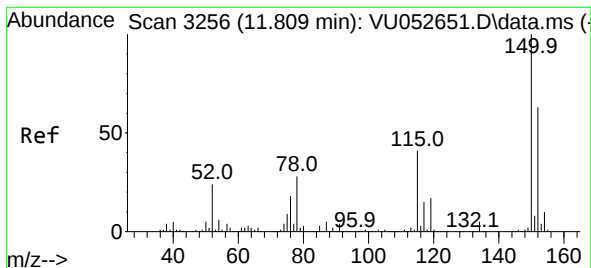
Tgt Ion: 95 Resp: 160922
Ion Ratio Lower Upper
95 100
174 73.6 0.0 182.0
176 71.1 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. -0.000 min
Lab File: VU052657.D
Acq: 12 Jan 2023 11:16

Tgt Ion: 117 Resp: 350851
Ion Ratio Lower Upper
117 100
82 58.9 41.7 62.5
119 31.7 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.809 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU052657.D

Acq: 12 Jan 2023 11:16

Instrument :

MSVOA_U

ClientSampleId :

VU0112WBL01

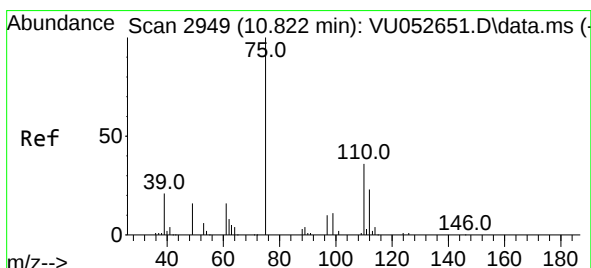
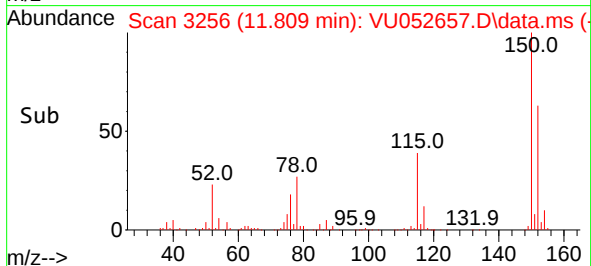
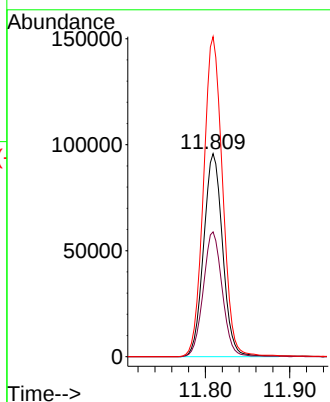
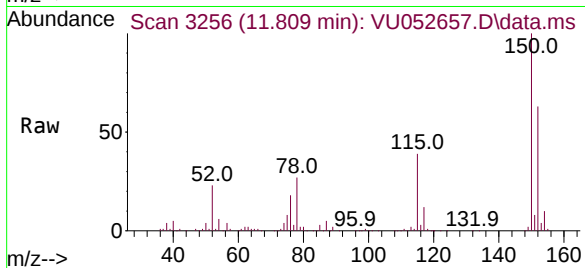
Tgt Ion:152 Resp: 150729

Ion Ratio Lower Upper

152 100

115 61.2 37.0 110.9

150 157.9 0.0 342.2



#76

1,2,3-Trichloropropane

Concen: 17.466 ug/l

RT: 10.629 min Scan# 2889

Delta R.T. -0.193 min

Lab File: VU052657.D

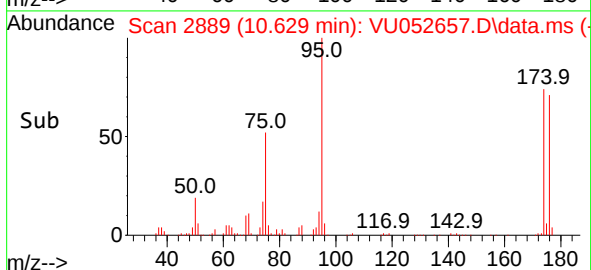
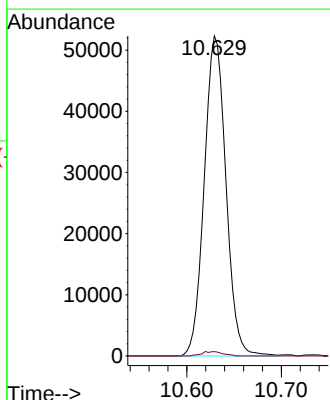
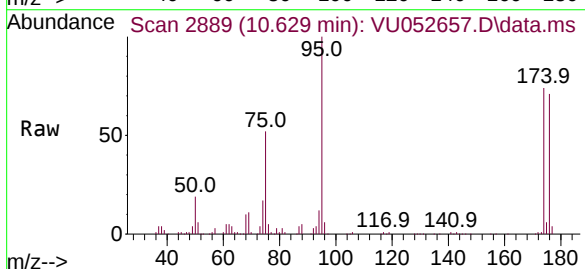
Acq: 12 Jan 2023 11:16

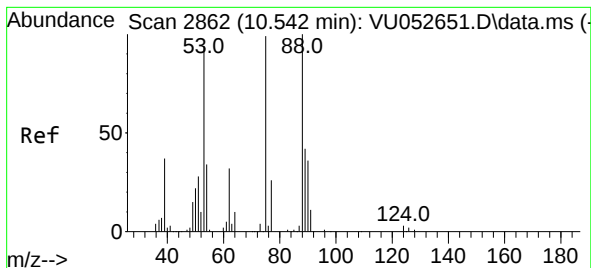
Tgt Ion: 75 Resp: 83374

Ion Ratio Lower Upper

75 100

77 1.3 15.8 47.3#

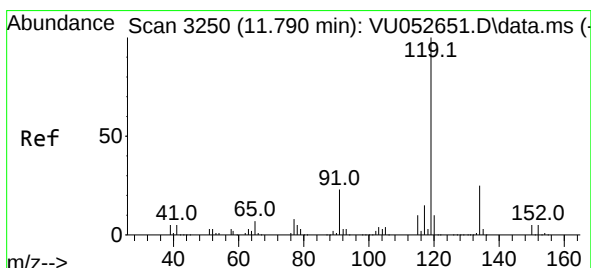
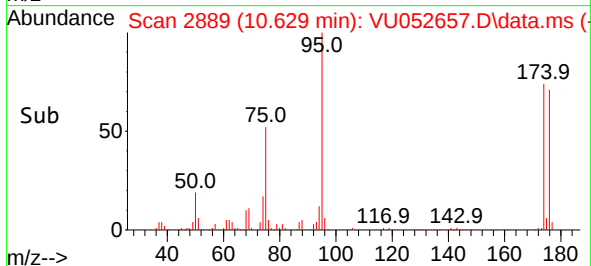
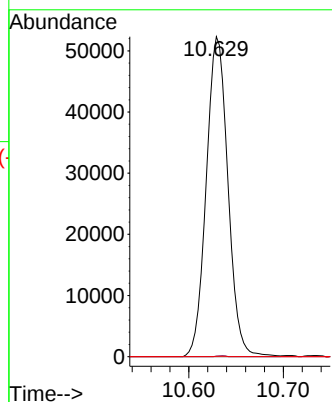
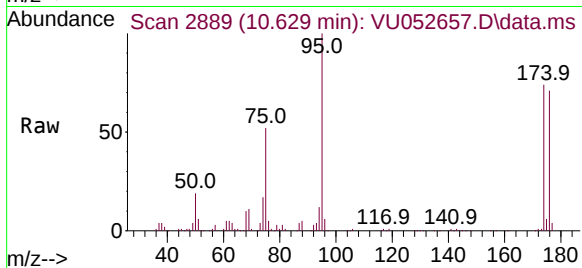




#81
trans-1,4-Dichloro-2-butene
Concen: 66.679 ug/l
RT: 10.629 min Scan# 21
Delta R.T. 0.087 min
Lab File: VU052657.D
Acq: 12 Jan 2023 11:16

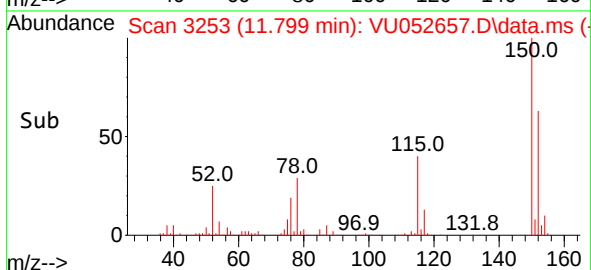
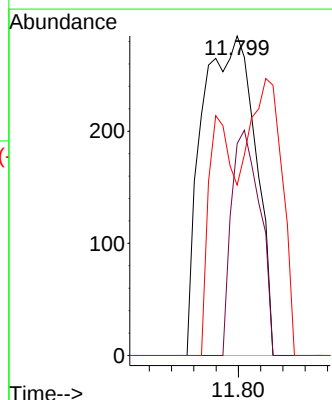
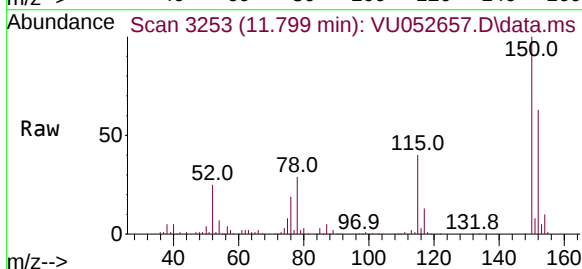
Instrument :
MSVOA_U
ClientSampleId :
VU0112WBL01

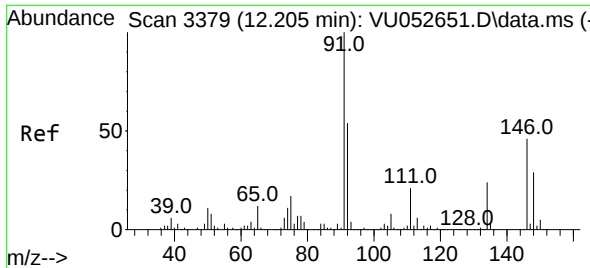
Tgt Ion: 75 Resp: 83374
Ion Ratio Lower Upper
75 100
53 0.1 69.2 103.8#
89 0.0 37.0 55.6#



#86
p-Isopropyltoluene
Concen: 0.967 ug/l
RT: 11.799 min Scan# 3253
Delta R.T. 0.009 min
Lab File: VU052657.D
Acq: 12 Jan 2023 11:16

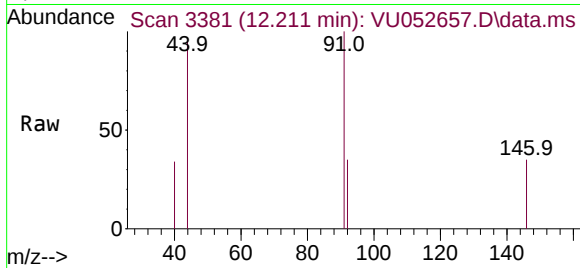
Tgt Ion: 119 Resp: 474
Ion Ratio Lower Upper
119 100
134 37.8 13.5 40.4
91 56.8 11.2 33.5#



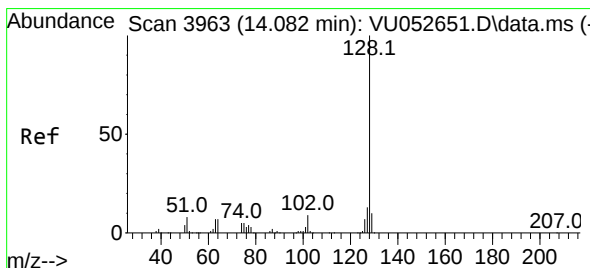
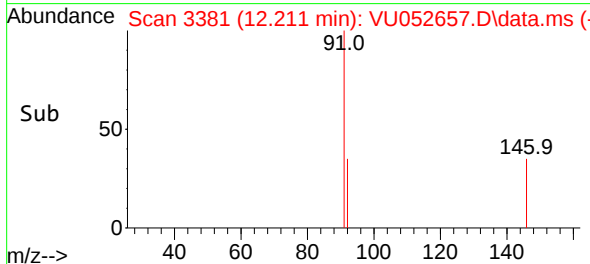
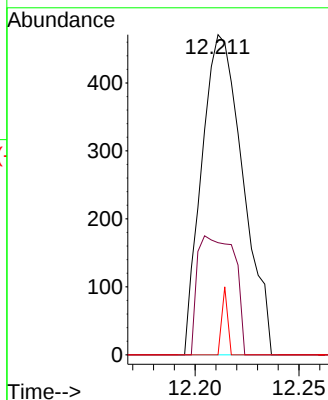


#89
n-Butylbenzene
Concen: 2.259 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.006 min
Lab File: VU052657.D
Acq: 12 Jan 2023 11:16

Instrument :
MSVOA_U
ClientSampleId :
VU0112WBL01



Tgt Ion: 91	Resp:	650
Ion	Ratio	Lower Upper
91	100	
92	33.2	26.2 78.6
134	2.9	13.5 40.4



#95
Naphthalene
Concen: 2.383 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.010 min
Lab File: VU052657.D
Acq: 12 Jan 2023 11:16

Tgt Ion: 128	Resp:	2912
Ion	Ratio	Lower Upper
128	100	
127	6.0	10.3 15.5
129	2.9	8.6 13.0

