

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040621\
 Data File : VU042954.D
 Acq On : 06 Apr 2021 15:03
 Operator : SY/MD
 Sample : M1894-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 07 01:43:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 25 05:42:00 2021
 Response via : Initial Calibration

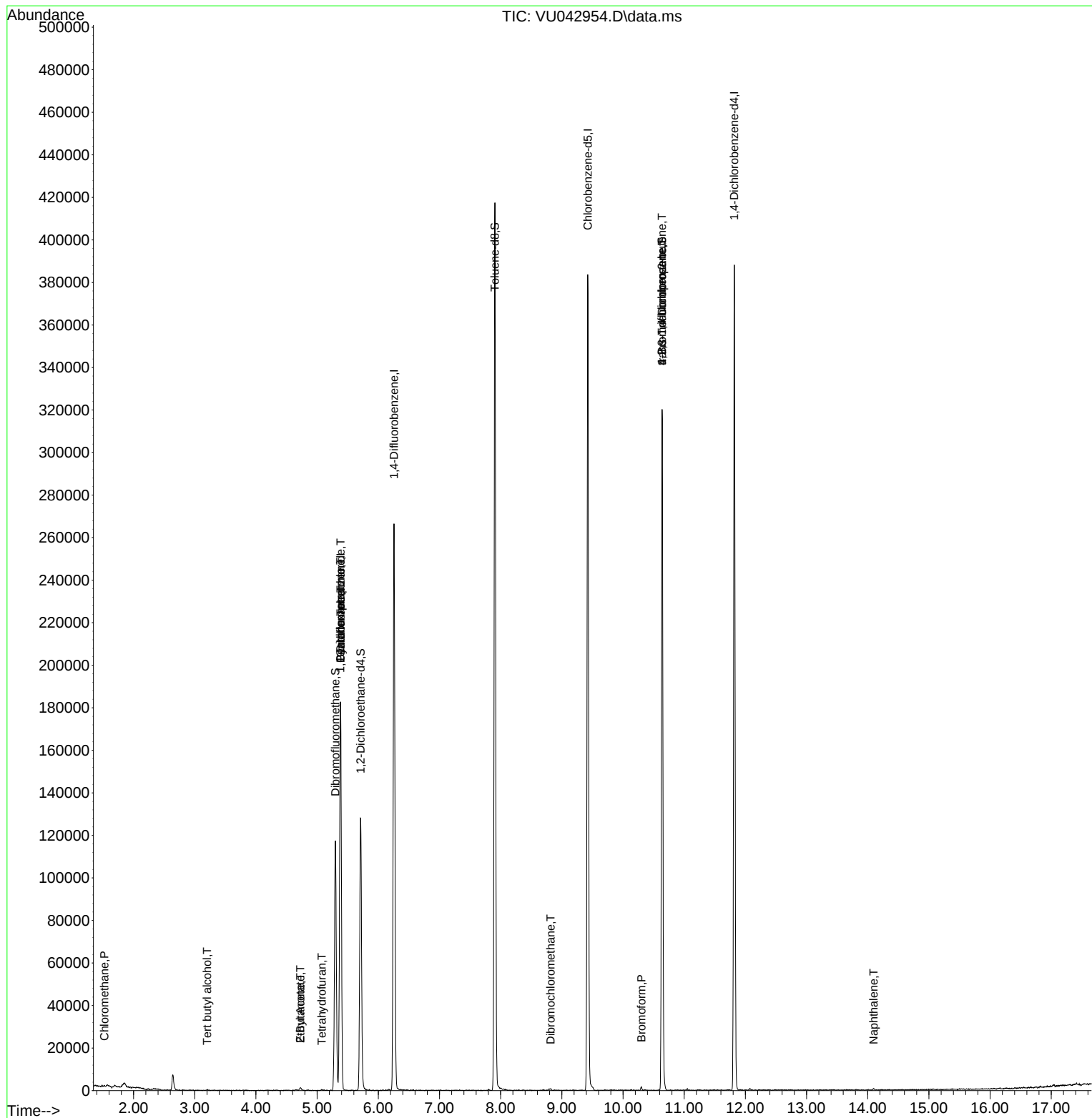
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.385	168	127276	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	203082	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	195091	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	95313	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	101314	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
35) Dibromofluoromethane	5.298	113	71262	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	
50) Toluene-d8	7.906	98	255343	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	
62) 4-Bromofluorobenzene	10.639	95	96800	46.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.44%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	466	0.29	ug/l #	87
5) Bromomethane	1.864	94	176	Below	Cal	83
6) Chloroethane	1.951	64	134	Below	Cal #	43
11) Tert butyl alcohol	3.202	59	124	0.29	ug/l #	74
13) Acrolein	2.228	56	20	Below	Cal #	15
16) Acetone	2.642	43	10103	Below	Cal	99
25) 2-Butanone	4.726	43	2318	1.40	ug/l	98
29) Tetrahydrofuran	5.076	42	265	0.26	ug/l #	38
31) Cyclohexane	5.385	56	3090	1.22	ug/l #	34
36) 1,1-Dichloropropene	5.379	75	9921	4.94	ug/l #	46
37) Ethyl Acetate	4.726	43	2318	0.74	ug/l #	72
38) Carbon Tetrachloride	5.382	117	12777	5.57	ug/l #	17
60) Dibromochloromethane	8.819	129	415	0.23	ug/l	95
71) Bromoform	10.301	173	829	0.55	ug/l #	86
76) 1,2,3-Trichloropropane	10.639	75	53862	22.22	ug/l #	38
81) trans-1,4-Dichloro-2-b...	10.639	75	53862	65.83	ug/l #	6
95) Naphthalene	14.095	128	739	2.68	ug/l #	68

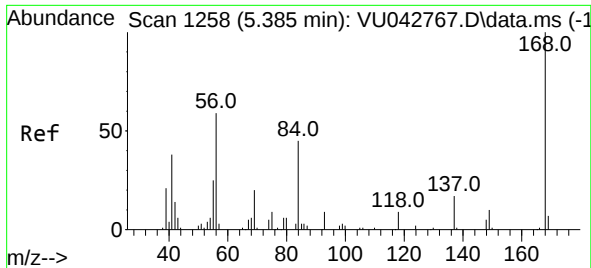
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Mar 25 05:42:00 2021
Response via : Initial Calibration

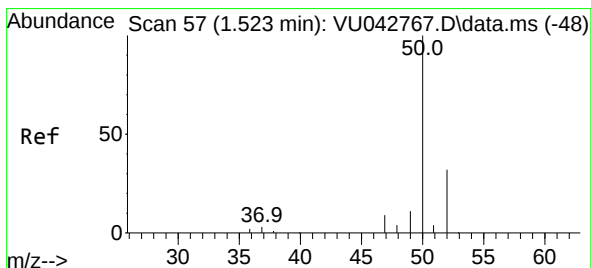
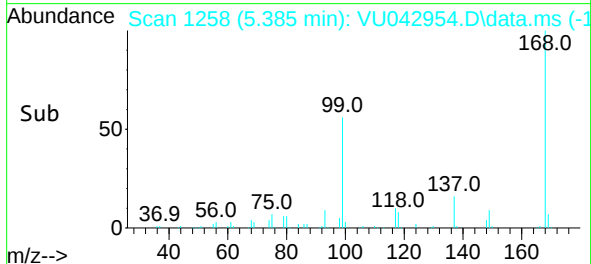
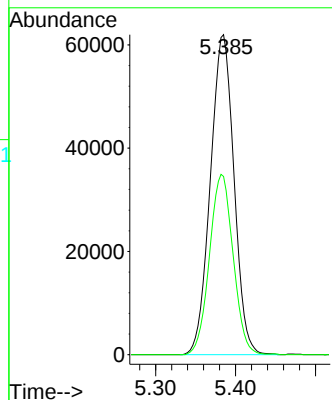
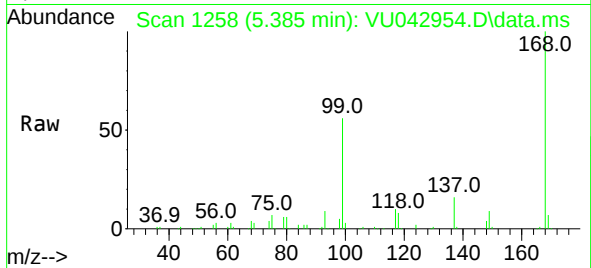




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VU042954.D
Acq: 06 Apr 2021 15:03

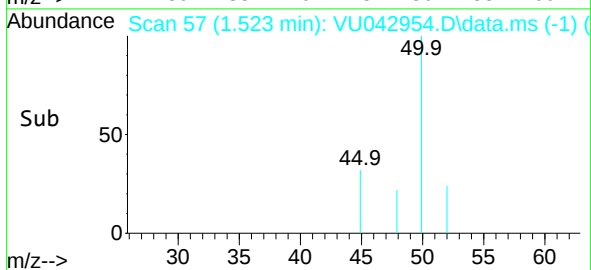
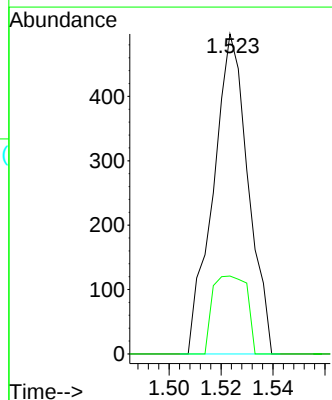
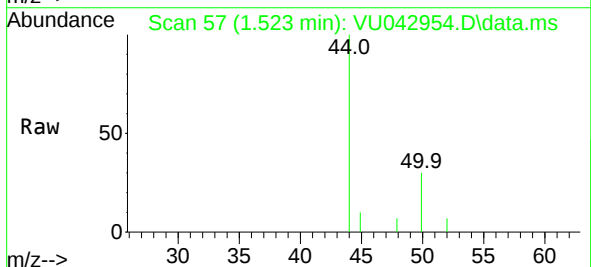
Instrument :
MSVOA_U
ClientSampled :

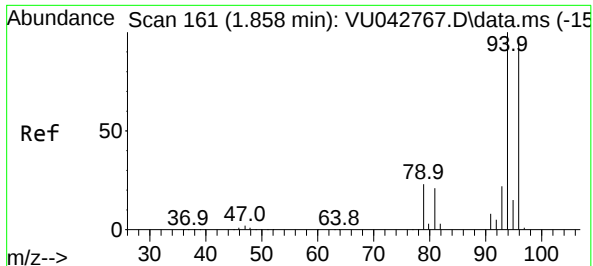
Tgt Ion:168 Resp: 127276
Ion Ratio Lower Upper
168 100
99 55.7 46.4 69.6



#3
Chloromethane
Concen: 0.29 ug/l
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042954.D
Acq: 06 Apr 2021 15:03

Tgt Ion: 50 Resp: 466
Ion Ratio Lower Upper
50 100
52 24.3 25.4 38.0#





#5

Bromomethane

Concen: Below Cal

RT: 1.864 min Scan# 163

Delta R.T. 0.006 min

Lab File: VU042954.D

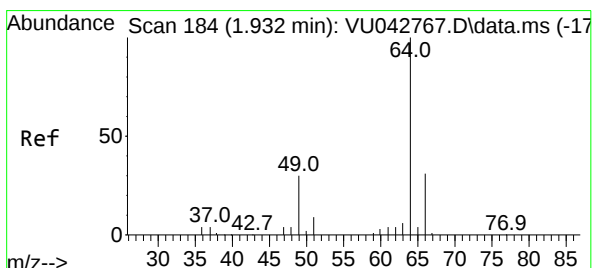
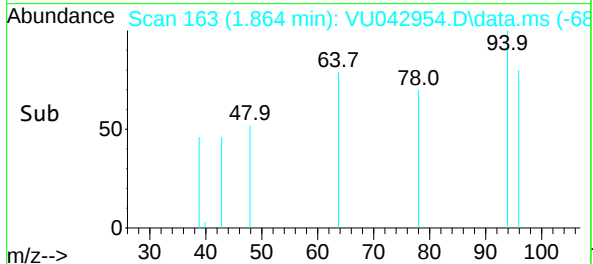
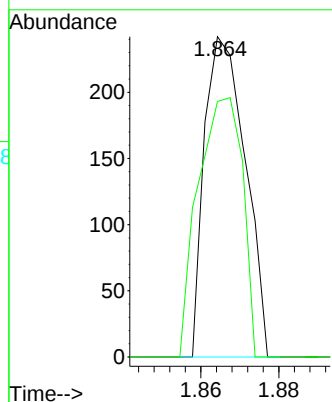
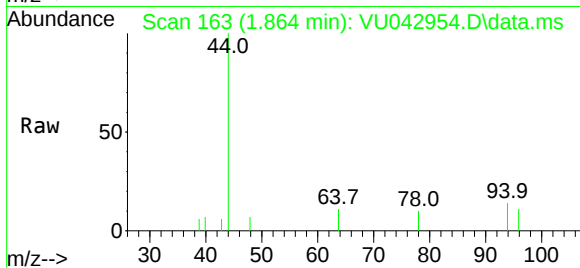
Acq: 06 Apr 2021 15:03

Tgt Ion: 94 Resp: 176

Ion Ratio Lower Upper

94 100

96 79.8 77.1 115.7



#6

Chloroethane

Concen: Below Cal

RT: 1.951 min Scan# 190

Delta R.T. 0.019 min

Lab File: VU042954.D

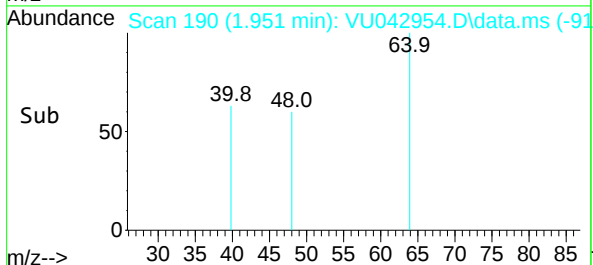
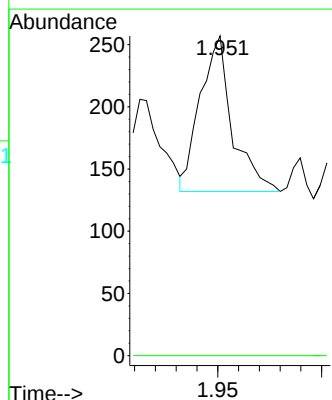
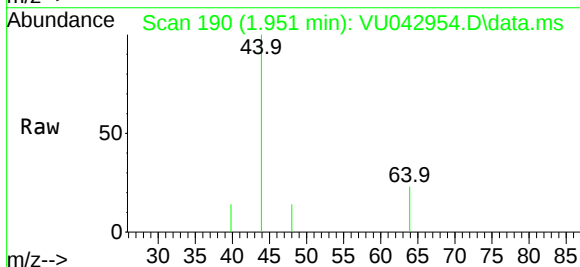
Acq: 06 Apr 2021 15:03

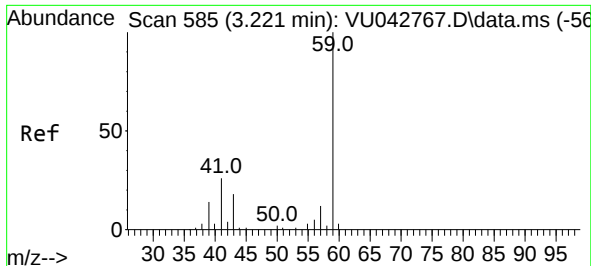
Tgt Ion: 64 Resp: 134

Ion Ratio Lower Upper

64 100

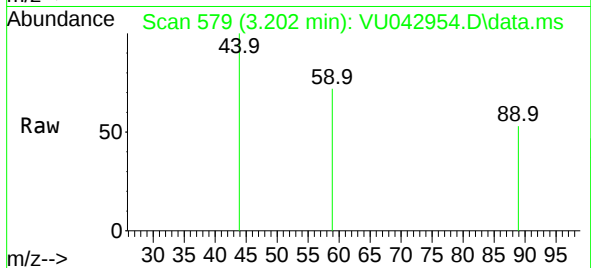
66 0.0 25.0 37.6#



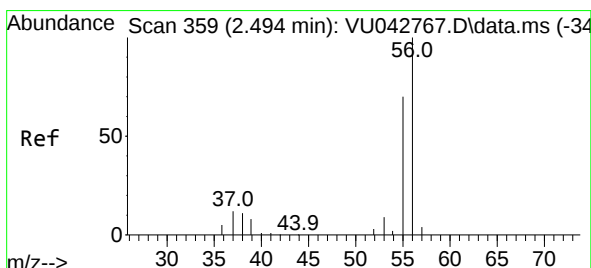
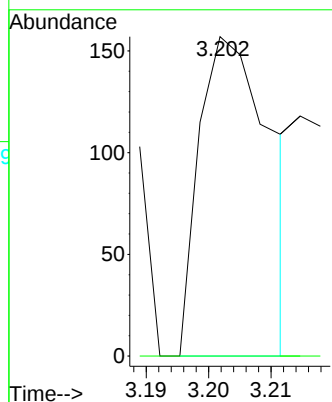
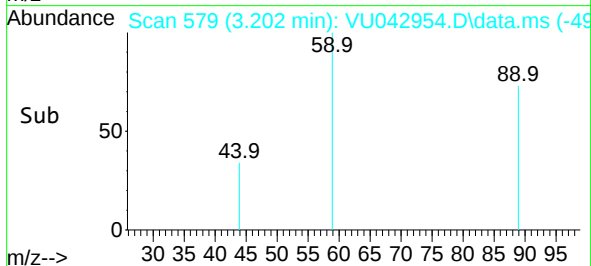


#11
Tert butyl alcohol
Concen: 0.29 ug/l
RT: 3.202 min Scan# 579
Delta R.T. -0.019 min
Lab File: VU042954.D
Acq: 06 Apr 2021 15:03

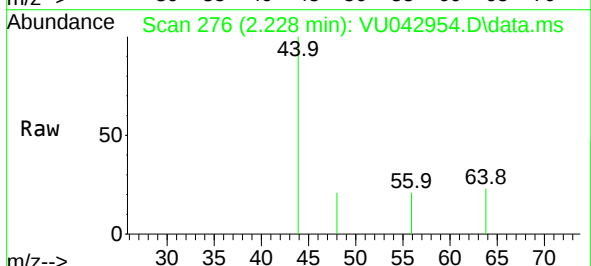
Instrument :
MSVOA_U
ClientSampled :



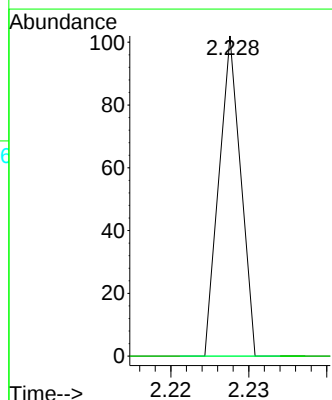
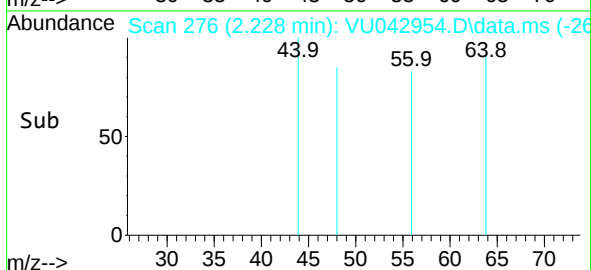
Tgt Ion: 59 Resp: 124
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

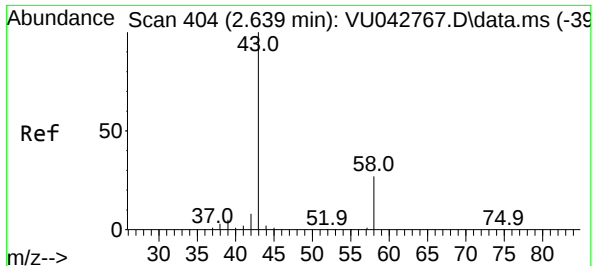


#13
Acrolein
Concen: Below Cal
RT: 2.228 min Scan# 276
Delta R.T. -0.266 min
Lab File: VU042954.D
Acq: 06 Apr 2021 15:03



Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 0.0 55.8 83.8#

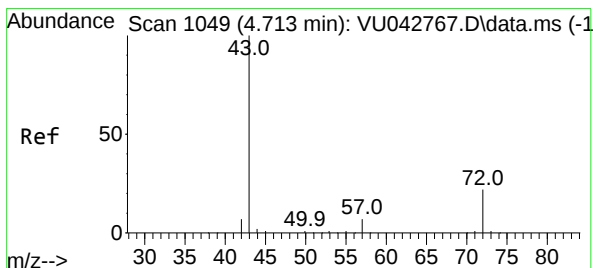
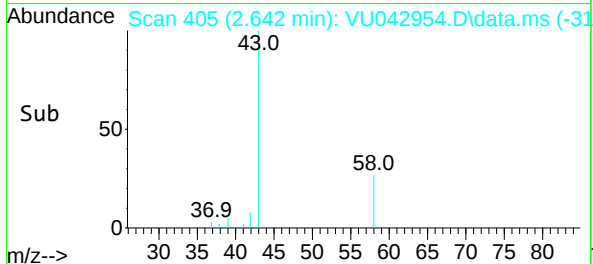
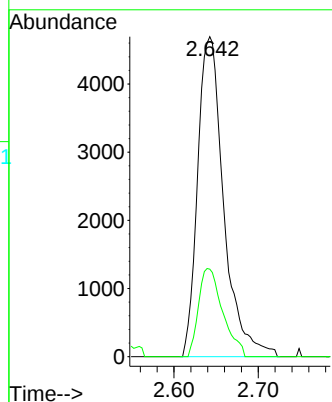
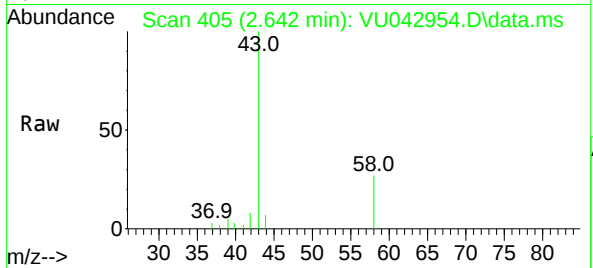




#16
Acetone
Concen: Below Cal
RT: 2.642 min Scan# 405
Delta R.T. 0.003 min
Lab File: VU042954.D
Acq: 06 Apr 2021 15:03

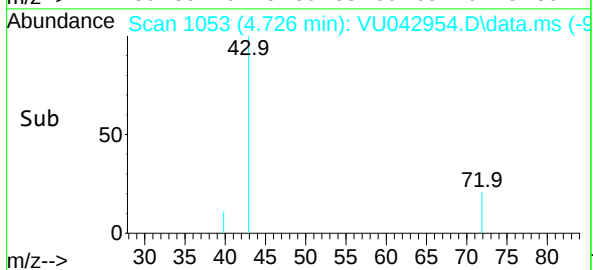
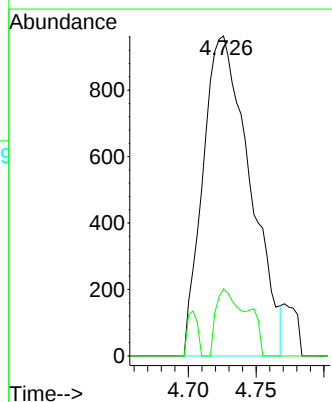
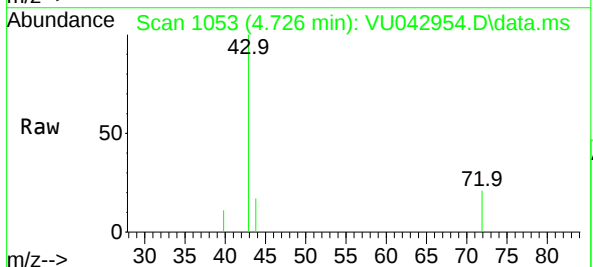
Instrument :
MSVOA_U
ClientSampled :

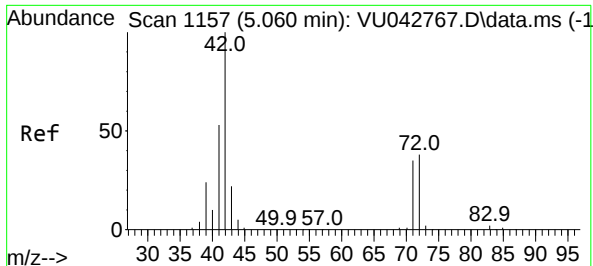
Tgt Ion: 43 Resp: 10103
Ion Ratio Lower Upper
43 100
58 27.4 21.6 32.4



#25
2-Butanone
Concen: 1.40 ug/l
RT: 4.726 min Scan# 1053
Delta R.T. 0.013 min
Lab File: VU042954.D
Acq: 06 Apr 2021 15:03

Tgt Ion: 43 Resp: 2318
Ion Ratio Lower Upper
43 100
72 21.0 17.7 26.5





#29

Tetrahydrofuran

Concen: 0.26 ug/l

RT: 5.076 min Scan# 1162

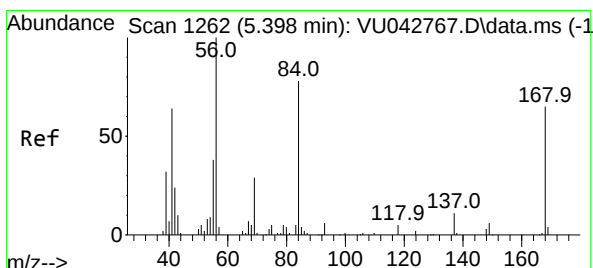
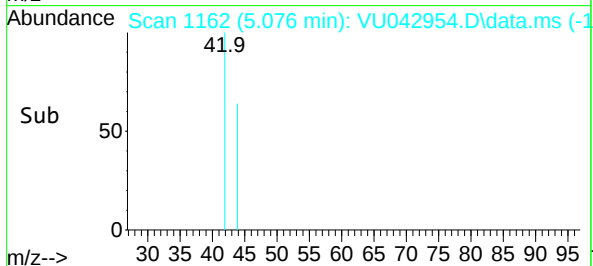
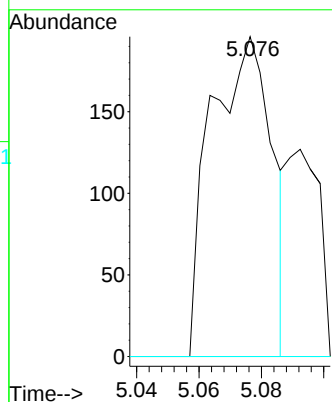
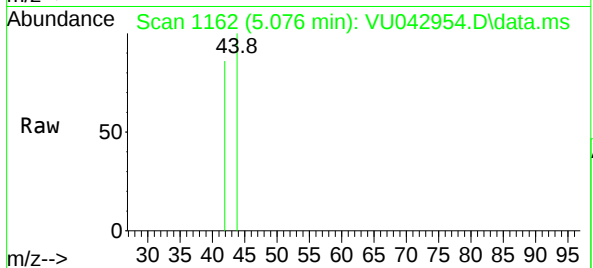
Delta R.T. 0.016 min

Lab File: VU042954.D

Acq: 06 Apr 2021 15:03

Tgt Ion:	42	Resp:	265
Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.2	45.4#
71	0.0	28.6	42.8#

Instrument :
MSVOA_U
ClientSampled :



#31

Cyclohexane

Concen: 1.22 ug/l

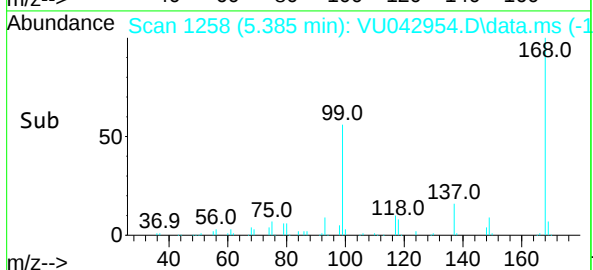
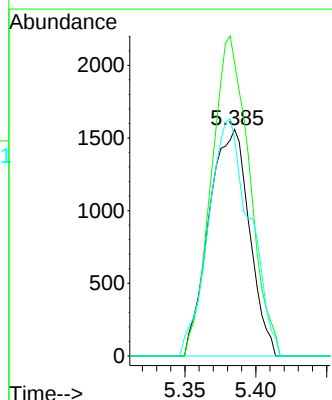
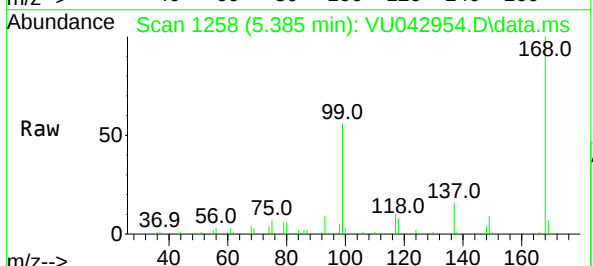
RT: 5.385 min Scan# 1258

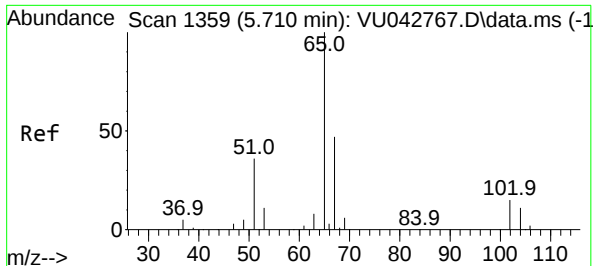
Delta R.T. -0.013 min

Lab File: VU042954.D

Acq: 06 Apr 2021 15:03

Tgt Ion:	56	Resp:	3090
Ion	Ratio	Lower	Upper
56	100		
69	129.4	23.3	34.9#
84	95.9	62.2	93.4#





#33

1,2-Dichloroethane-d4

Concen: 49.93 ug/l

RT: 5.710 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VU042954.D

Acq: 06 Apr 2021 15:03

Tgt Ion: 65 Resp: 101314

Ion Ratio Lower Upper

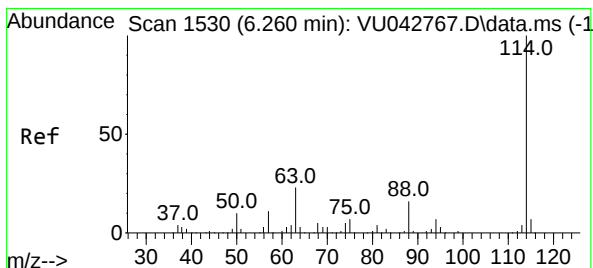
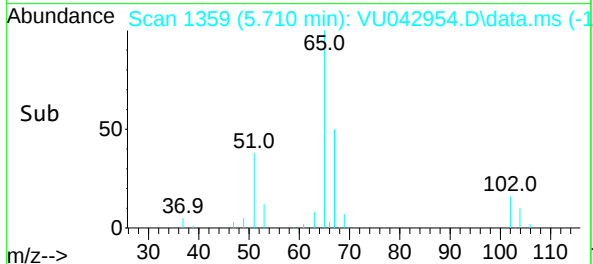
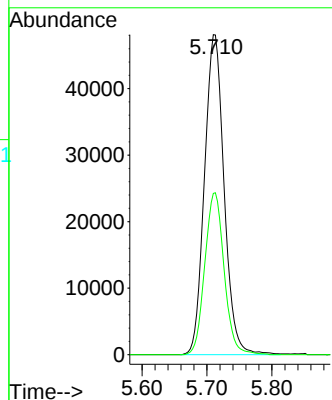
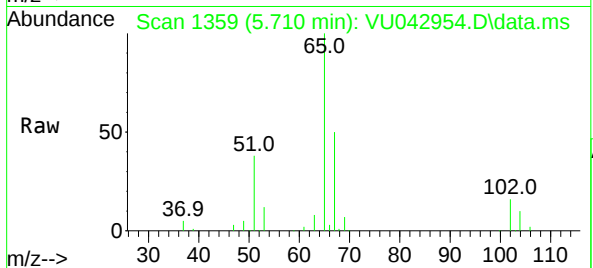
65 100

67 49.8 0.0 98.8

Instrument :

MSVOA_U

ClientSampled :



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.256 min Scan# 1529

Delta R.T. -0.004 min

Lab File: VU042954.D

Acq: 06 Apr 2021 15:03

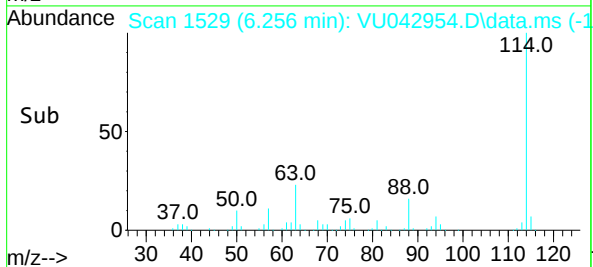
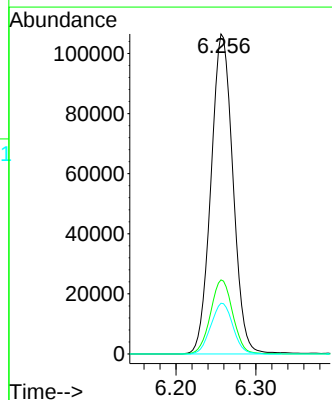
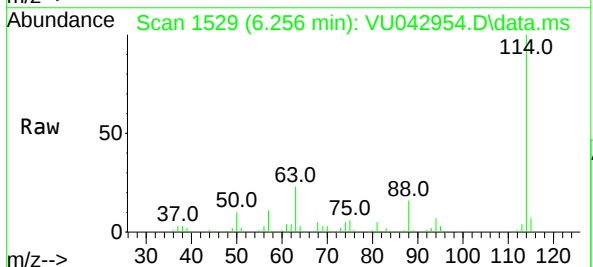
Tgt Ion: 114 Resp: 203082

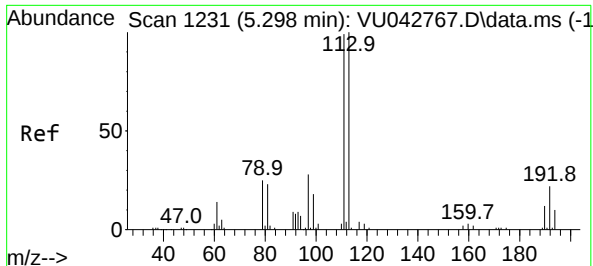
Ion Ratio Lower Upper

114 100

63 23.2 0.0 46.8

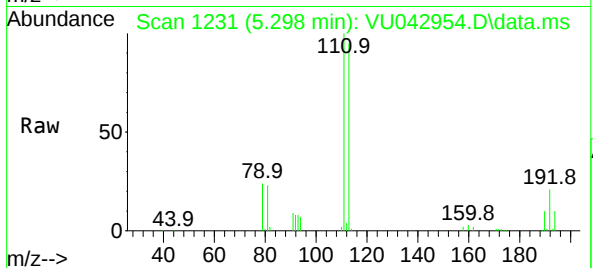
88 15.8 0.0 32.2



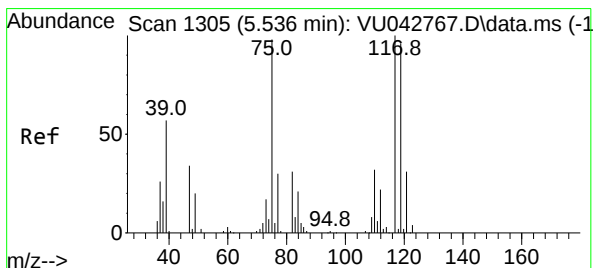
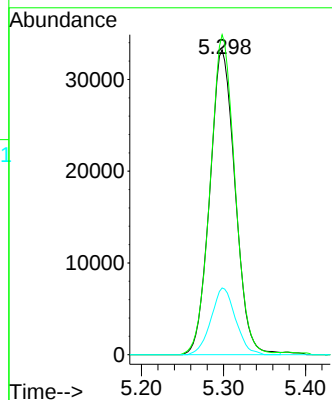
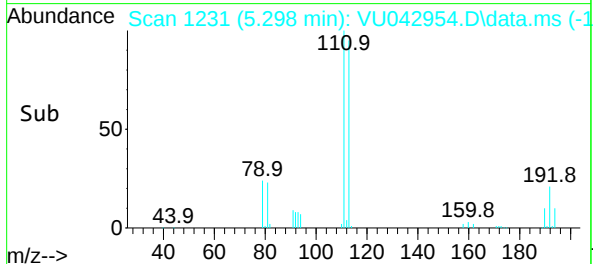


#35
Dibromofluoromethane
Concen: 47.02 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU042954.D
Acq: 06 Apr 2021 15:03

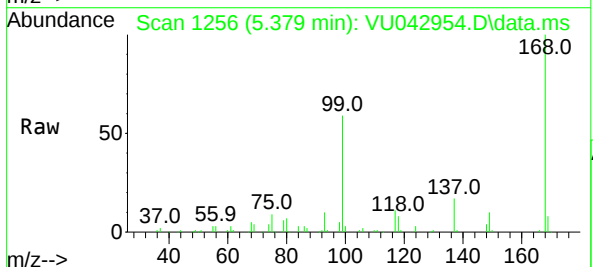
Instrument :
MSVOA_U
ClientSampleId :



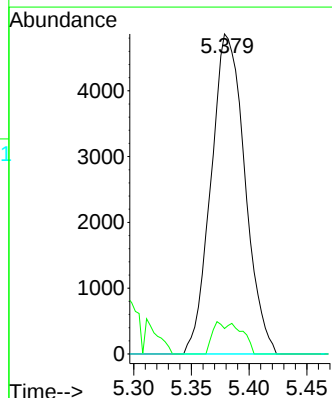
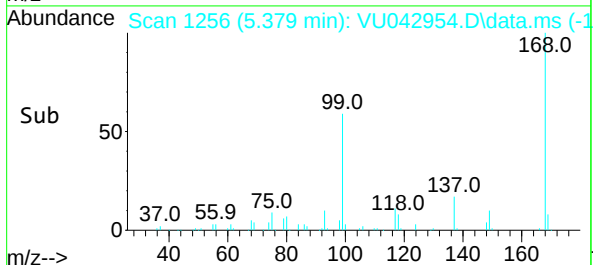
Tgt Ion:113 Resp: 71262
Ion Ratio Lower Upper
113 100
111 102.7 82.1 123.1
192 21.3 17.6 26.4

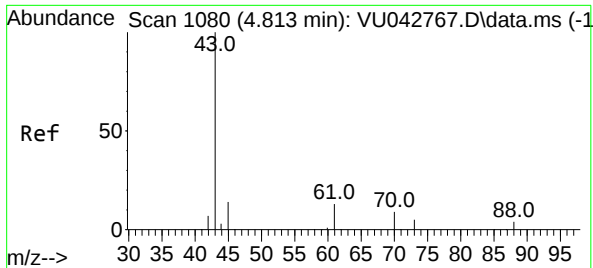


#36
1,1-Dichloropropene
Concen: 4.94 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.158 min
Lab File: VU042954.D
Acq: 06 Apr 2021 15:03



Tgt Ion: 75 Resp: 9921
Ion Ratio Lower Upper
75 100
110 3.7 16.6 49.7#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 0.74 ug/l

RT: 4.726 min Scan# 1053

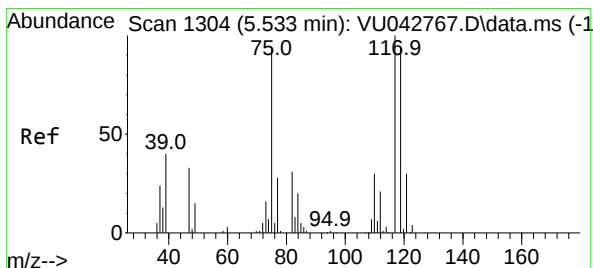
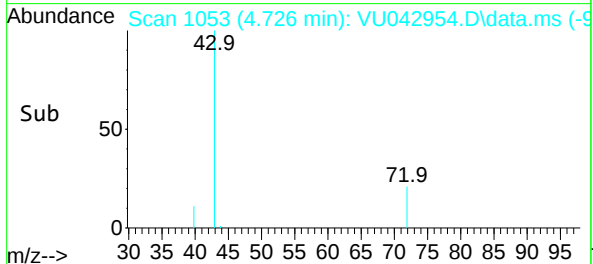
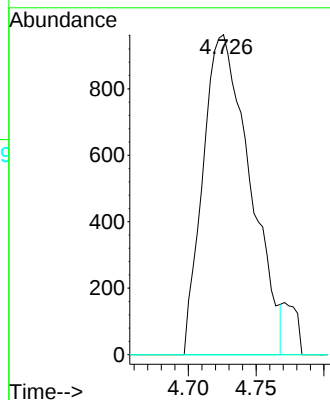
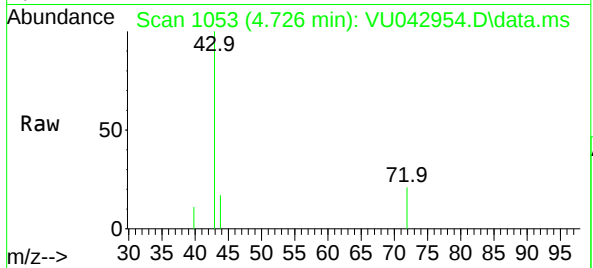
Delta R.T. -0.087 min

Lab File: VU042954.D

Acq: 06 Apr 2021 15:03

Tgt Ion: 43	Resp: 2318
Ion Ratio	Lower Upper
43 100	
61 0.0	9.7 14.5#
70 0.0	6.6 9.8#

Instrument :
MSVOA_U
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 5.57 ug/l

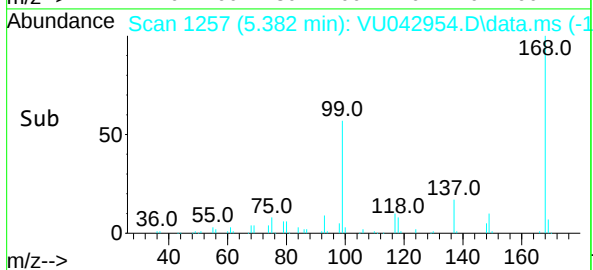
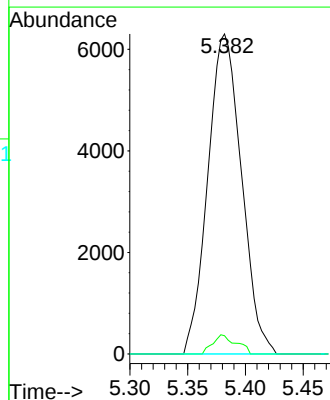
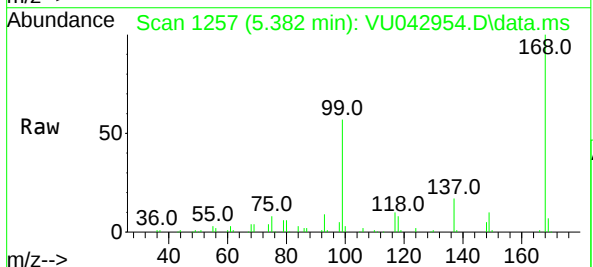
RT: 5.382 min Scan# 1257

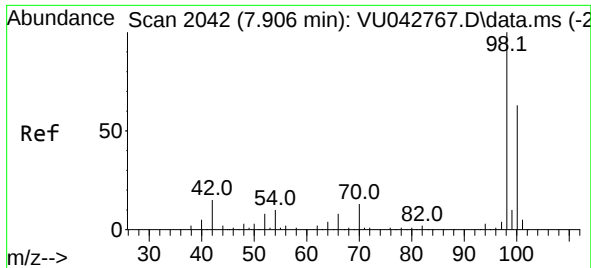
Delta R.T. -0.151 min

Lab File: VU042954.D

Acq: 06 Apr 2021 15:03

Tgt Ion: 117	Resp: 12777
Ion Ratio	Lower Upper
117 100	
119 5.7	75.2 112.8#
121 0.0	24.2 36.4#

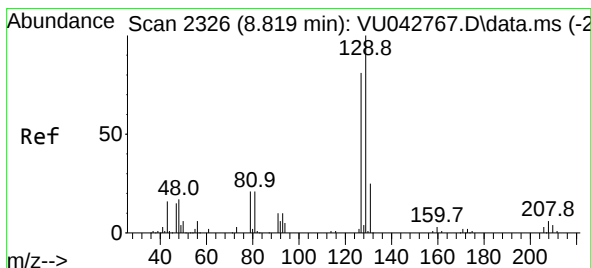
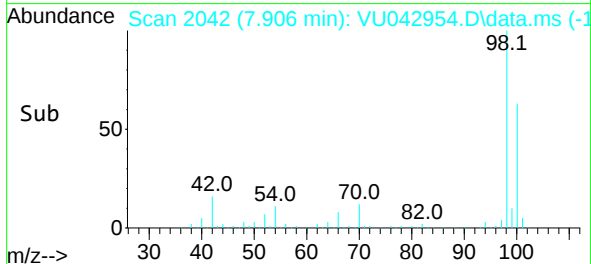
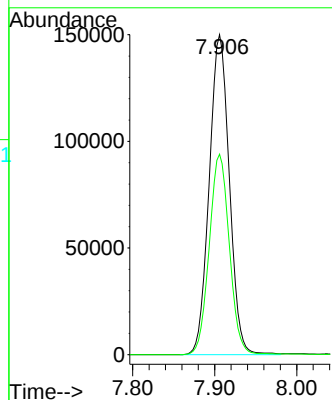
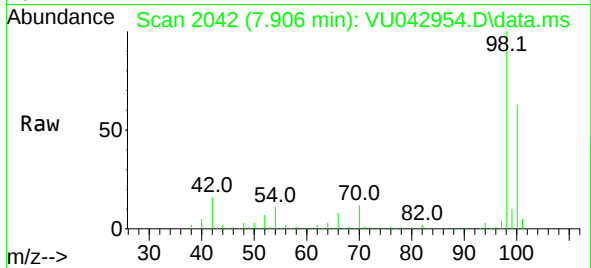




#50
Toluene-d8
Concen: 47.89 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042954.D
Acq: 06 Apr 2021 15:03

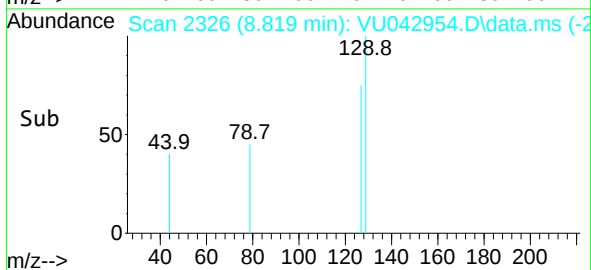
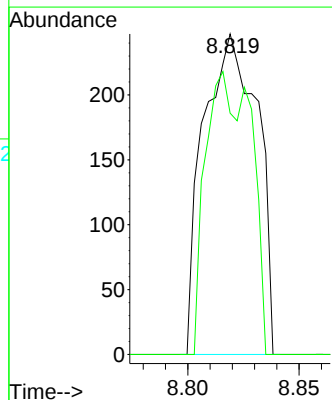
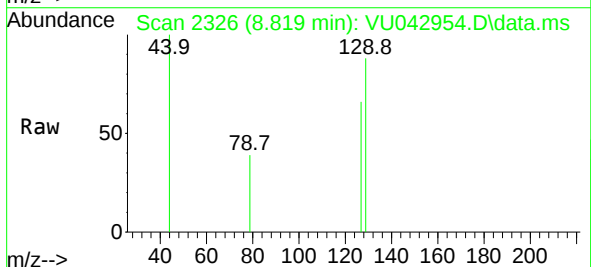
Instrument :
MSVOA_U
ClientSampled :

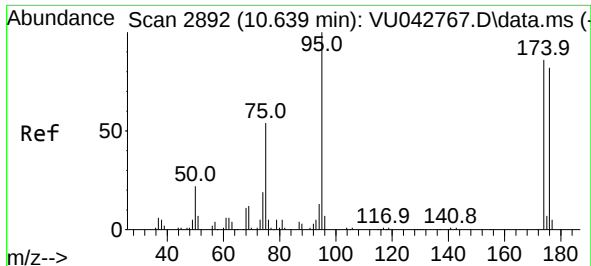
Tgt Ion: 98 Resp: 255343
Ion Ratio Lower Upper
98 100
100 62.5 50.4 75.6



#60
Dibromochloromethane
Concen: 0.23 ug/l
RT: 8.819 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VU042954.D
Acq: 06 Apr 2021 15:03

Tgt Ion:129 Resp: 415
Ion Ratio Lower Upper
129 100
127 74.7 39.4 118.2

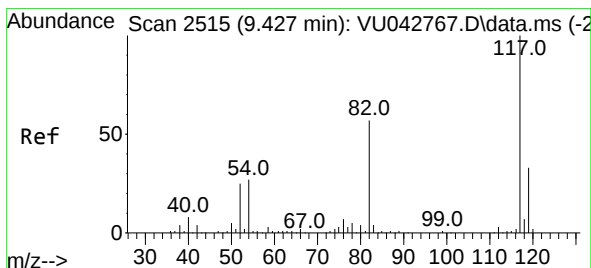
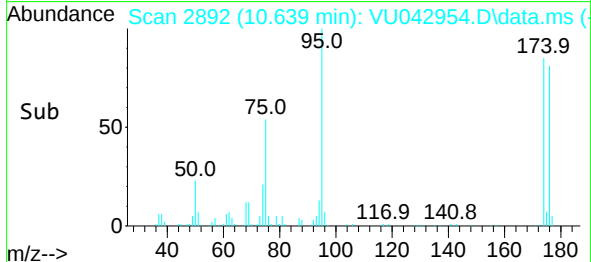
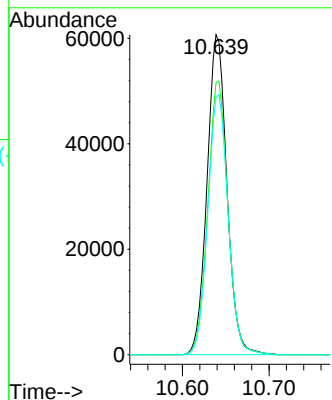
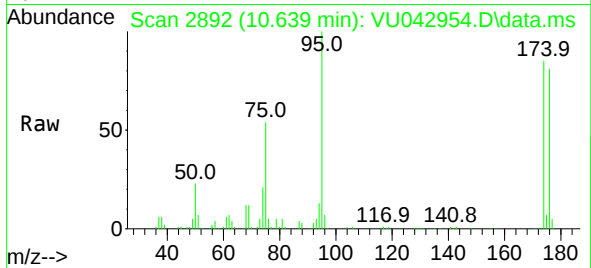




#62
4-Bromofluorobenzene
Concen: 46.72 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU042954.D
Acq: 06 Apr 2021 15:03

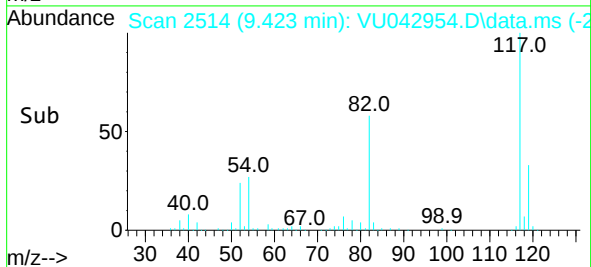
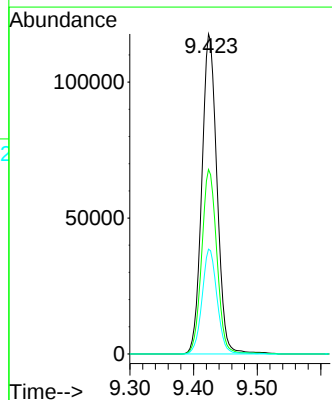
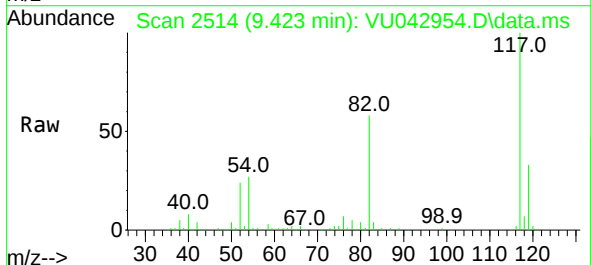
Instrument :
MSVOA_U
ClientSampleId :

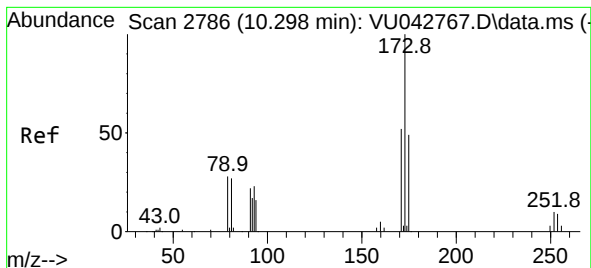
Tgt Ion: 95 Resp: 96800
Ion Ratio Lower Upper
95 100
174 86.7 0.0 175.2
176 83.1 0.0 167.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.003 min
Lab File: VU042954.D
Acq: 06 Apr 2021 15:03

Tgt Ion: 117 Resp: 195091
Ion Ratio Lower Upper
117 100
82 57.7 45.5 68.3
119 32.8 26.2 39.4





#71

Bromoform

Concen: 0.55 ug/l

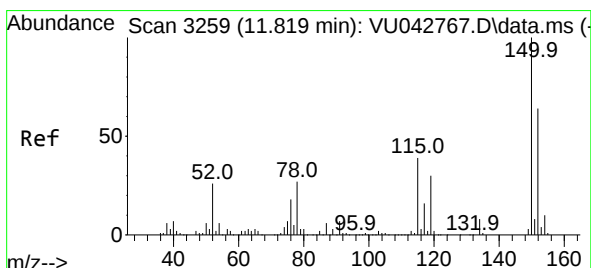
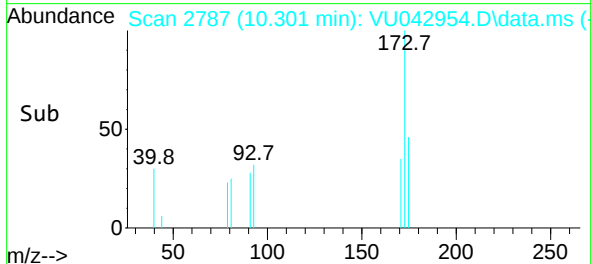
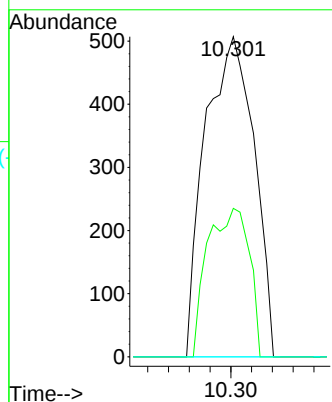
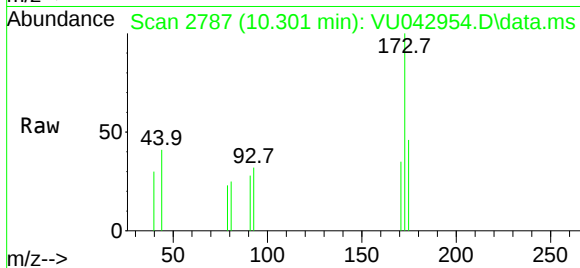
RT: 10.301 min Scan# 2787

Delta R.T. 0.003 min

Lab File: VU042954.D

Acq: 06 Apr 2021 15:03

Tgt Ion:	173	Resp:	829
Ion Ratio	Lower	Upper	
173	100		
175	39.4	24.4	73.2
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

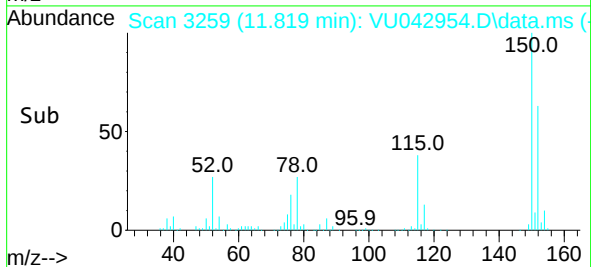
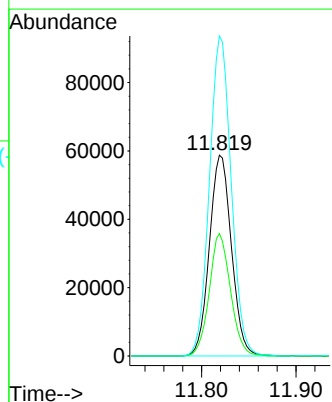
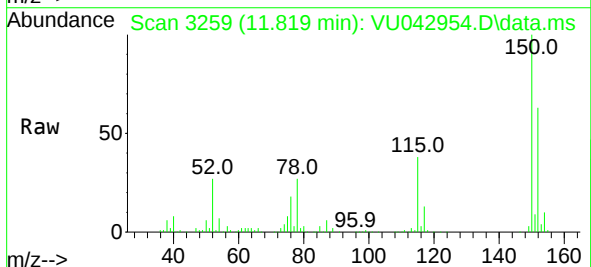
RT: 11.819 min Scan# 3259

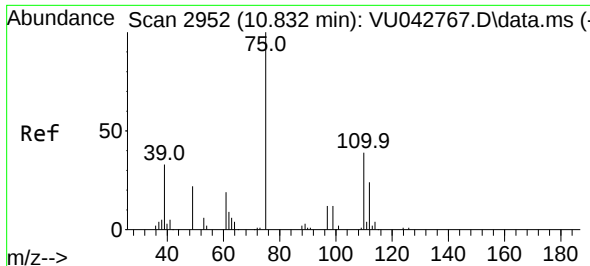
Delta R.T. -0.000 min

Lab File: VU042954.D

Acq: 06 Apr 2021 15:03

Tgt Ion:	152	Resp:	95313
Ion Ratio	Lower	Upper	
152	100		
115	58.6	41.0	123.0
150	157.0	0.0	341.0

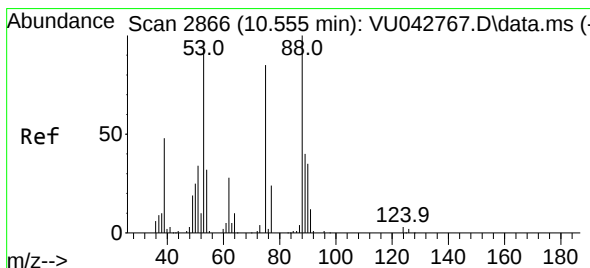
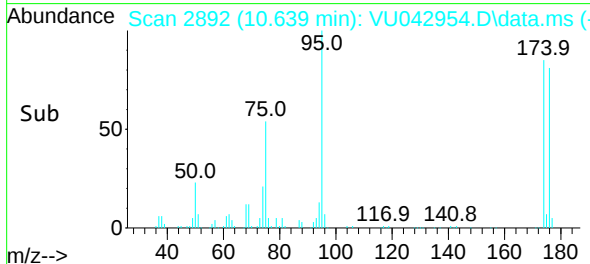
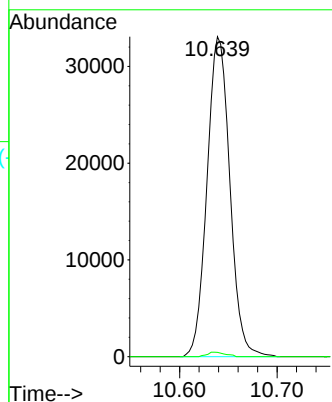
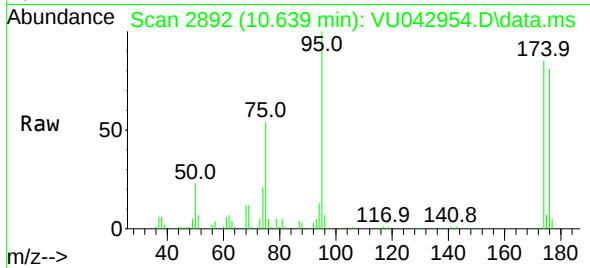




#76
1,2,3-Trichloropropane
Concen: 22.22 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU042954.D
Acq: 06 Apr 2021 15:03

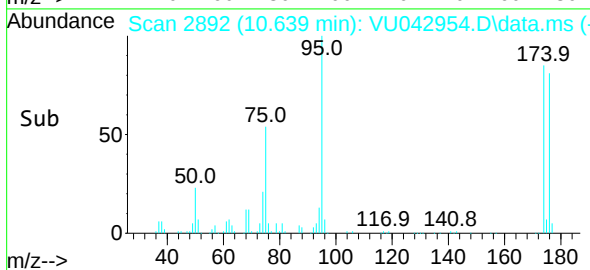
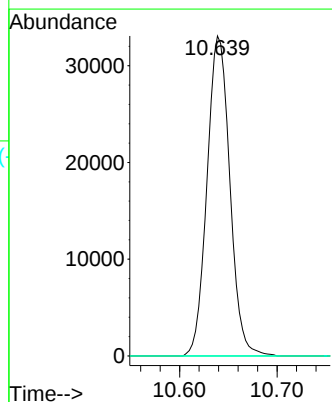
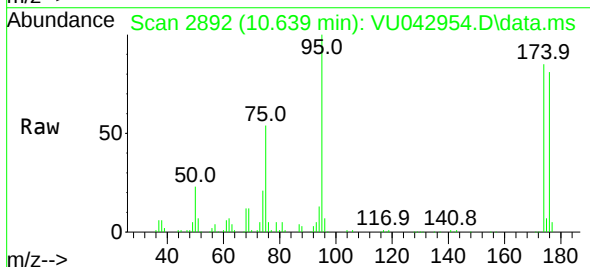
Instrument :
MSVOA_U
ClientSampleId :

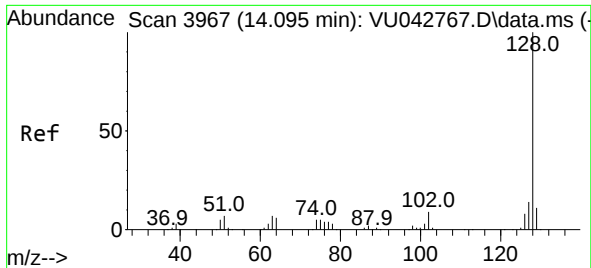
Tgt Ion: 75 Resp: 53862
Ion Ratio Lower Upper
75 100
77 1.1 19.6 58.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.83 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU042954.D
Acq: 06 Apr 2021 15:03

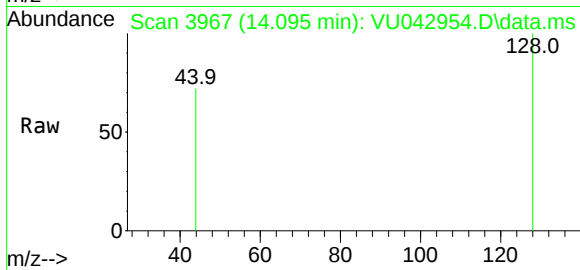
Tgt Ion: 75 Resp: 53862
Ion Ratio Lower Upper
75 100
53 0.0 88.3 132.5#
89 0.0 35.7 53.5#





#95
Naphthalene
Concen: 2.68 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU042954.D
Acq: 06 Apr 2021 15:03

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 739
Ion Ratio Lower Upper
128 100
127 0.0 10.9 16.3#
129 0.0 8.7 13.1#

