

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040921\
 Data File : VU043008.D
 Acq On : 09 Apr 2021 17:27
 Operator : SY/MD
 Sample : M1961-22
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TR2-D-BOTTOM

Quant Time: Apr 10 05:07:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U040921W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 09 09:26:47 2021
 Response via : Initial Calibration

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

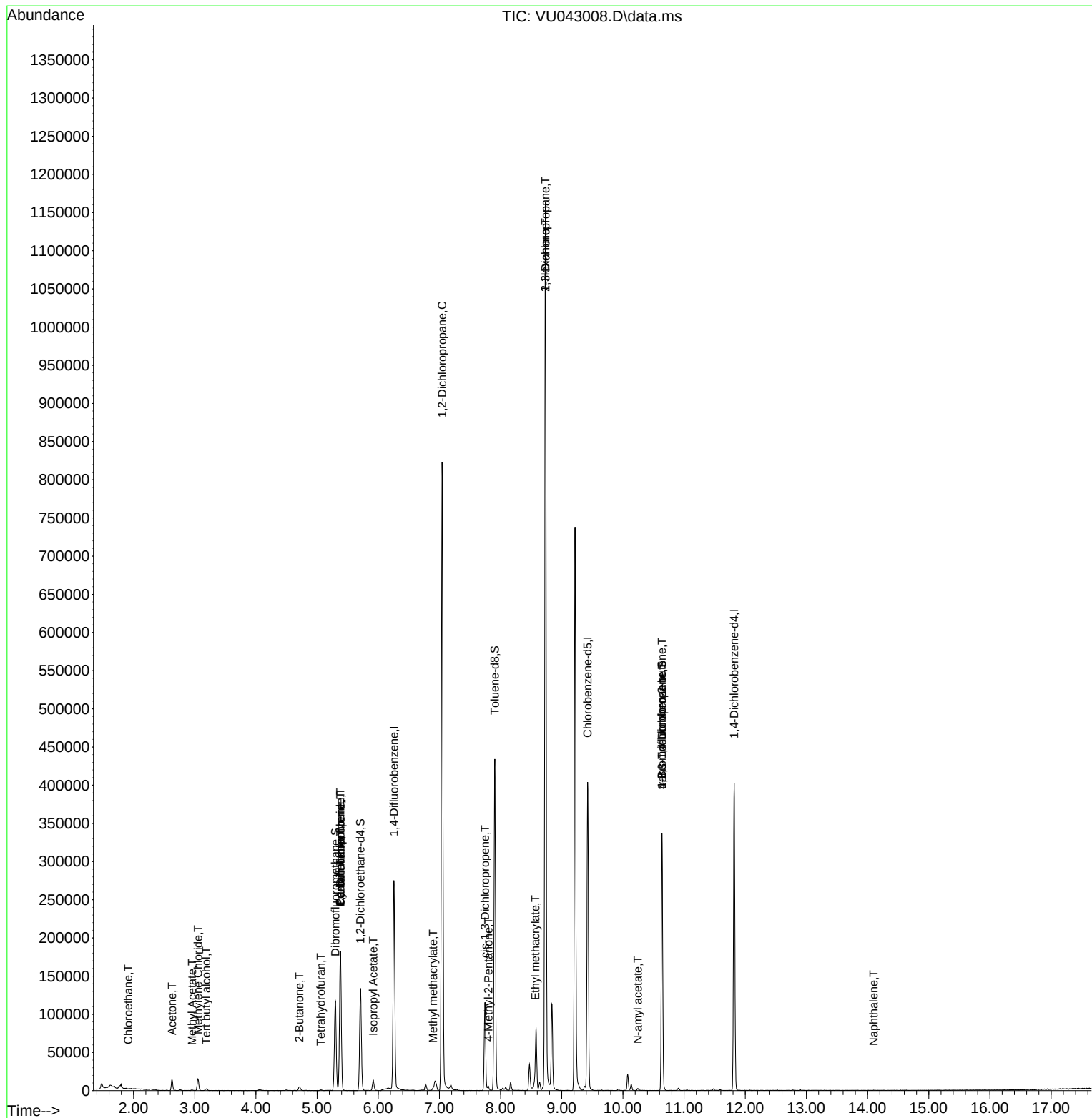
Internal Standards						
1) Pentafluorobenzene	5.382	168	122786	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	202699	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	203246	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	98546	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	100718	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.36%	
35) Dibromofluoromethane	5.298	113	71616	48.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.76%	
50) Toluene-d8	7.906	98	263305	49.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.76%	
62) 4-Bromofluorobenzene	10.639	95	98006	44.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.98%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.526	50	571	Below Cal	#	43
6) Chloroethane	1.912	64	324	0.34	ug/l #	41
11) Tert butyl alcohol	3.189	59	2471	4.53	ug/l #	71
16) Acetone	2.629	43	16600	14.75	ug/l	98
18) Methyl Acetate	2.954	43	1488	0.58	ug/l #	71
20) Methylene Chloride	3.054	84	6752	4.69	ug/l	94
25) 2-Butanone	4.710	43	8355	4.65	ug/l	96
29) Tetrahydrofuran	5.063	42	564	0.49	ug/l #	66
31) Cyclohexane	5.382	56	3218	1.33	ug/l #	43
36) 1,1-Dichloropropene	5.382	75	10844	5.45	ug/l #	50
38) Carbon Tetrachloride	5.382	117	12382	5.65	ug/l #	15
43) Isopropyl Acetate	5.919	43	13971	2.81	ug/l	99
45) 1,2-Dichloropropane	7.044	63	743	0.46	ug/l #	45
48) Methyl methacrylate	6.896	41	5233	2.06	ug/l #	17
51) 4-Methyl-2-Pentanone	7.800	43	3718	10.43	ug/l	97
54) cis-1,3-Dichloropropene	7.745	75	17273	7.50	ug/l #	68
56) Ethyl methacrylate	8.571	69	226	2.65	ug/l #	1
57) 1,3-Dichloropropane	8.732	76	10137	3.74	ug/l #	43
59) 2-Hexanone	8.732	43	185019	58.53	ug/l #	54
74) N-amyl acetate	10.243	43	2399	0.62	ug/l #	49
76) 1,2,3-Trichloropropane	10.639	75	55951	19.91	ug/l #	40
81) trans-1,4-Dichloro-2-b...	10.639	75	55951	55.33	ug/l #	5
95) Naphthalene	14.098	128	196	3.23	ug/l #	68

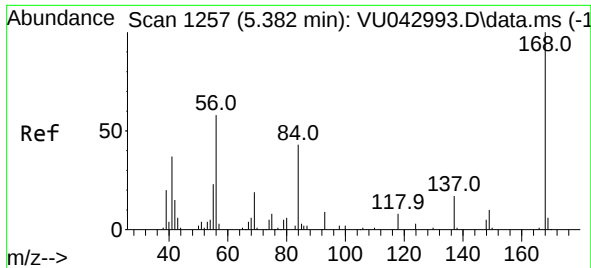
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040921\
Data File : VU043008.D
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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
TR2-D-BOTTOM

Quant Time: Apr 10 05:07:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U040921W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 09 09:26:47 2021
Response via : Initial Calibration

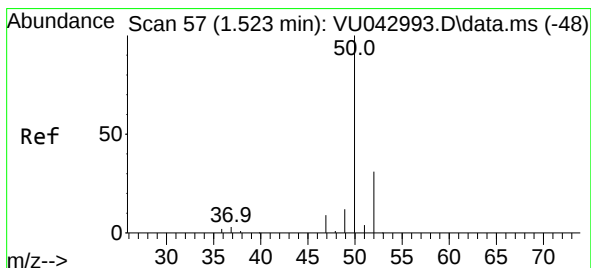
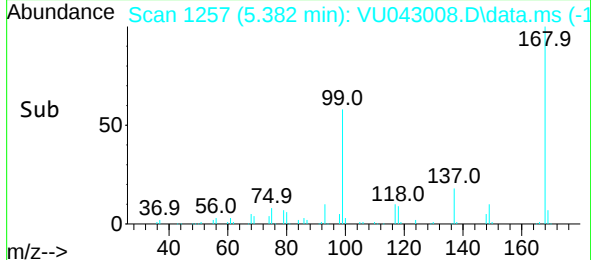
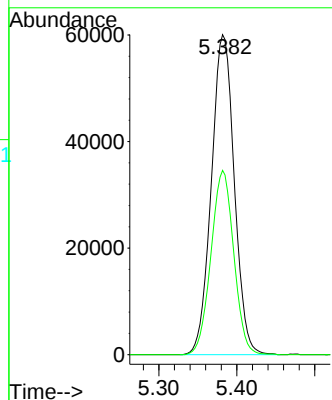
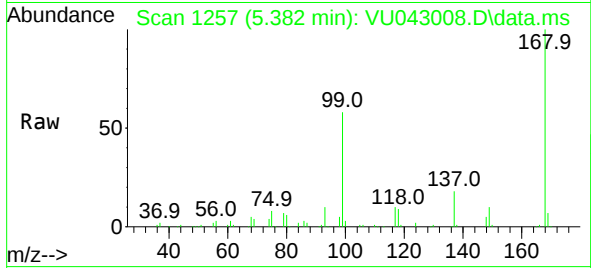




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043008.D
Acq: 09 Apr 2021 17:27

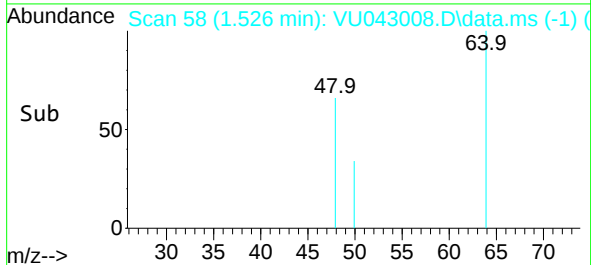
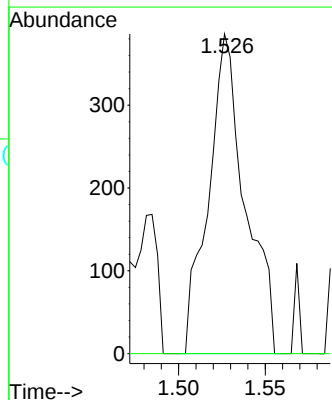
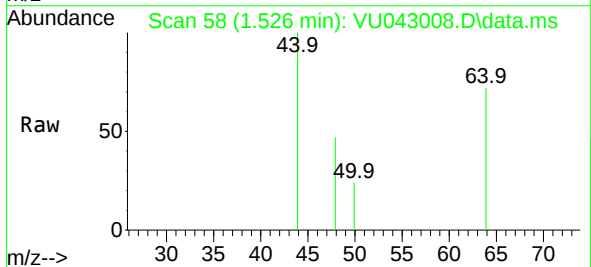
Instrument :
MSVOA_U
ClientSampleId :
TR2-D-BOTTOM

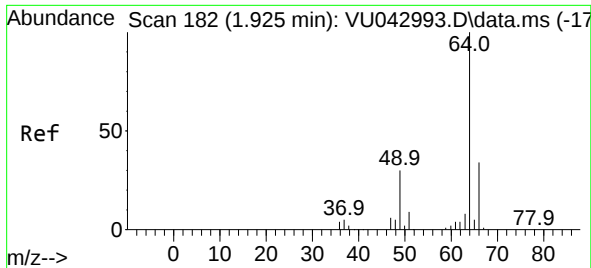
Tgt Ion:168 Resp: 122786
Ion Ratio Lower Upper
168 100
99 57.6 47.5 71.3



#3
Chloromethane
Concen: Below Cal
RT: 1.526 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU043008.D
Acq: 09 Apr 2021 17:27

Tgt Ion: 50 Resp: 571
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

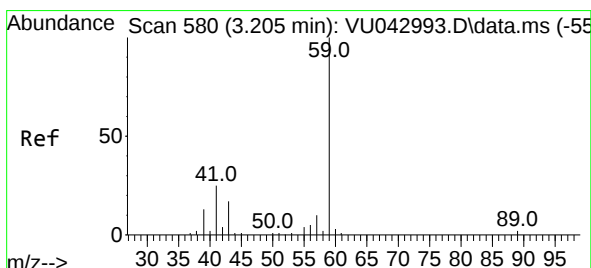
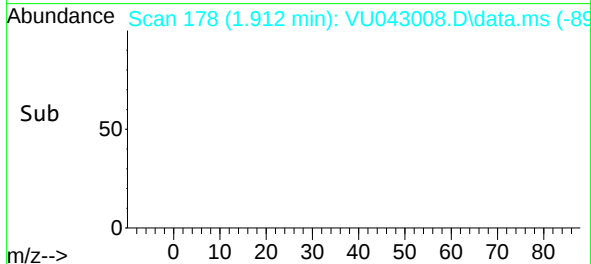
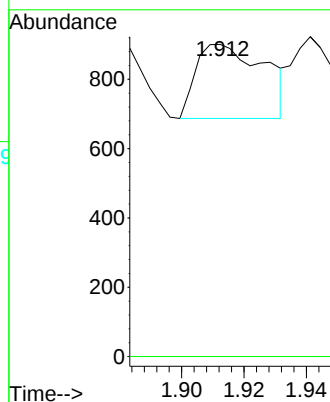
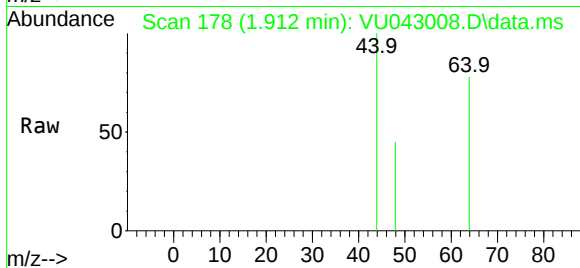




#6
Chloroethane
Concen: 0.34 ug/l
RT: 1.912 min Scan# 178
Delta R.T. -0.013 min
Lab File: VU043008.D
Acq: 09 Apr 2021 17:27

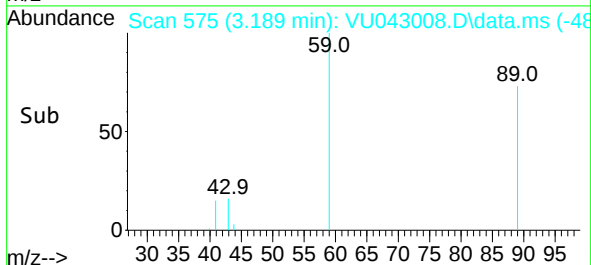
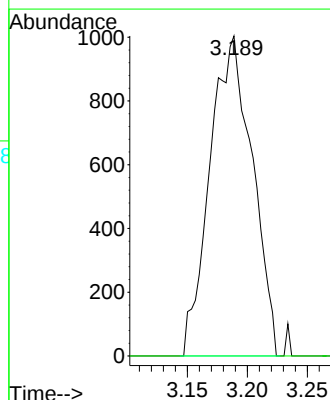
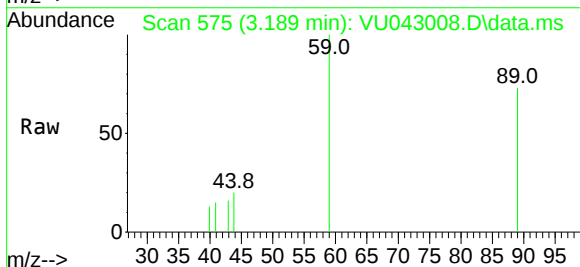
Instrument :
MSVOA_U
ClientSampleId :
TR2-D-BOTTOM

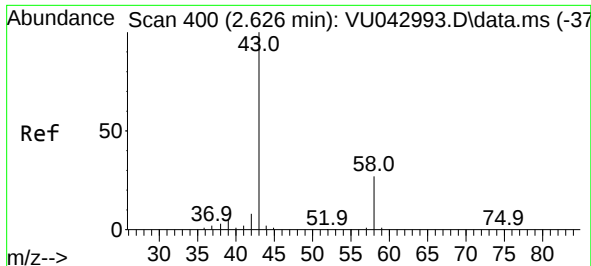
Tgt Ion: 64 Resp: 324
Ion Ratio Lower Upper
64 100
66 0.0 26.9 40.3#



#11
Tert butyl alcohol
Concen: 4.53 ug/l
RT: 3.189 min Scan# 575
Delta R.T. -0.016 min
Lab File: VU043008.D
Acq: 09 Apr 2021 17:27

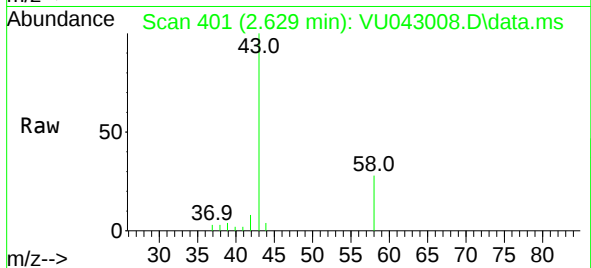
Tgt Ion: 59 Resp: 2471
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#



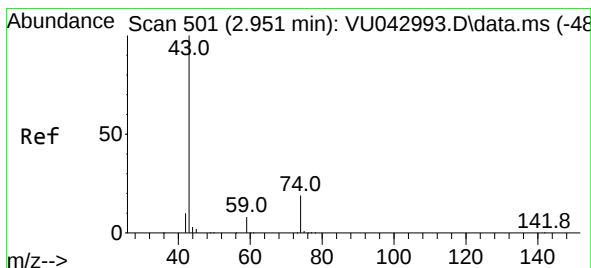
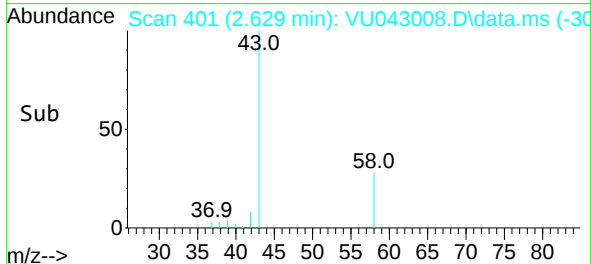
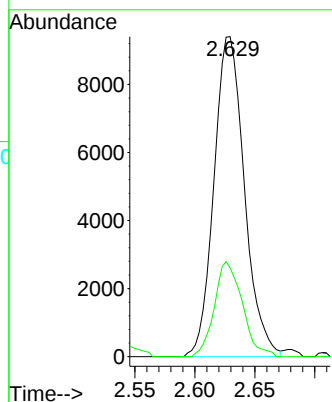


#16
Acetone
Concen: 14.75 ug/l
RT: 2.629 min Scan# 401
Delta R.T. 0.003 min
Lab File: VU043008.D
Acq: 09 Apr 2021 17:27

Instrument :
MSVOA_U
ClientSampleId :
TR2-D-BOTTOM

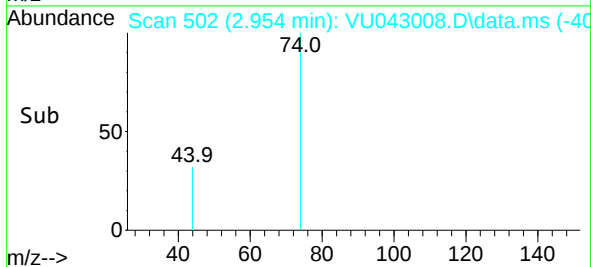
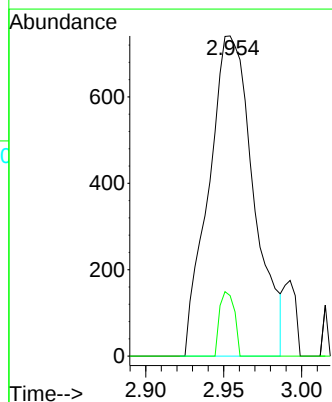
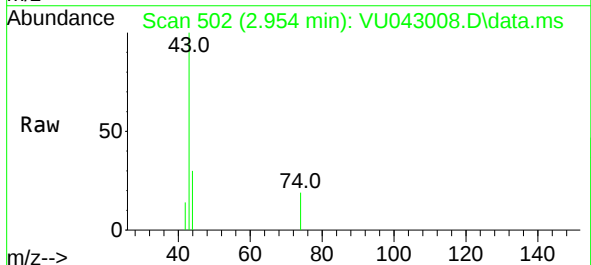


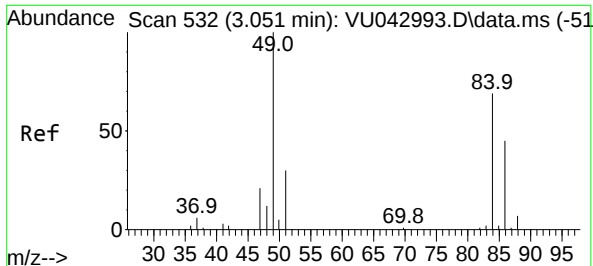
Tgt Ion: 43 Resp: 16600
Ion Ratio Lower Upper
43 100
58 27.7 21.4 32.0



#18
Methyl Acetate
Concen: 0.58 ug/l
RT: 2.954 min Scan# 502
Delta R.T. 0.003 min
Lab File: VU043008.D
Acq: 09 Apr 2021 17:27

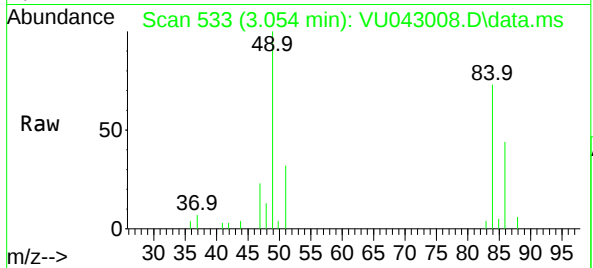
Tgt Ion: 43 Resp: 1488
Ion Ratio Lower Upper
43 100
74 6.6 16.0 24.0#



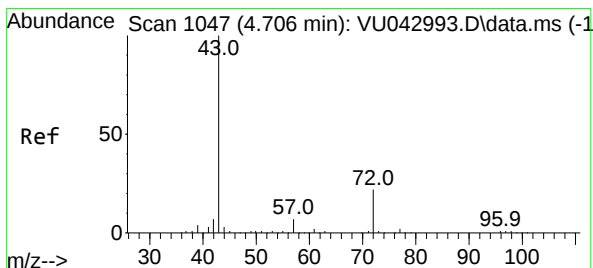
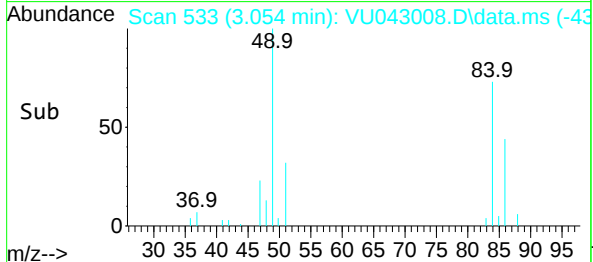
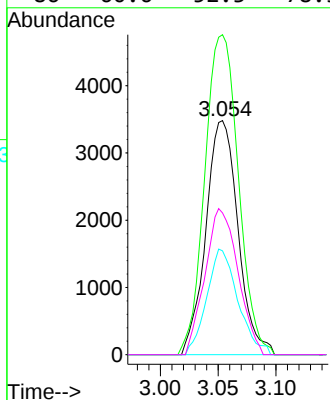


#20
Methylene Chloride
Concen: 4.69 ug/l
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU043008.D
Acq: 09 Apr 2021 17:27

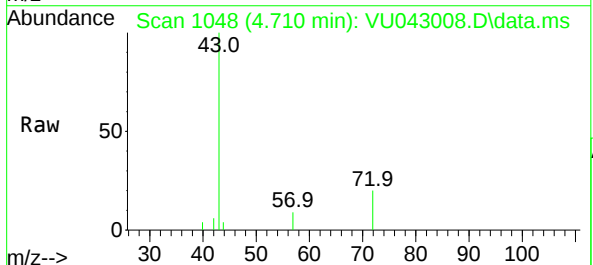
Instrument :
MSVOA_U
ClientSampleId :
TR2-D-BOTTOM



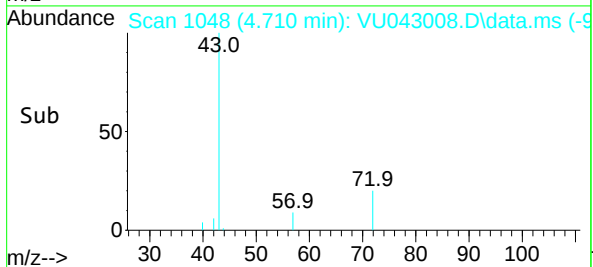
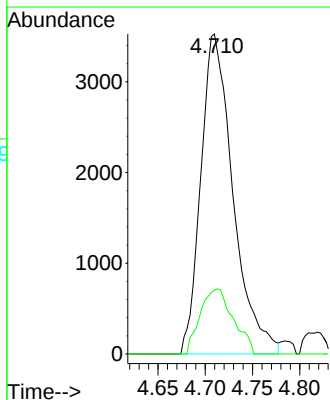
Tgt Ion:	84	Resp:	6752
Ion	Ratio	Lower	Upper
84	100		
49	136.7	116.1	174.1
51	44.4	35.1	52.7
86	60.6	52.3	78.5

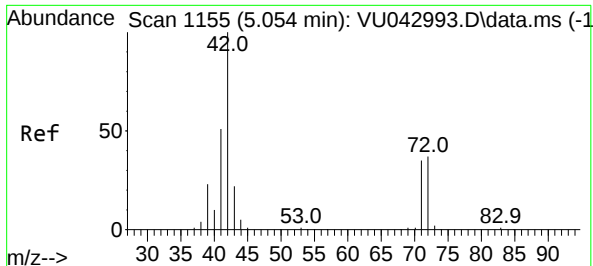


#25
2-Butanone
Concen: 4.65 ug/l
RT: 4.710 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU043008.D
Acq: 09 Apr 2021 17:27



Tgt Ion:	43	Resp:	8355
Ion	Ratio	Lower	Upper
43	100		
72	19.9	17.4	26.2





#29

Tetrahydrofuran

Concen: 0.49 ug/l

RT: 5.063 min Scan# 1158

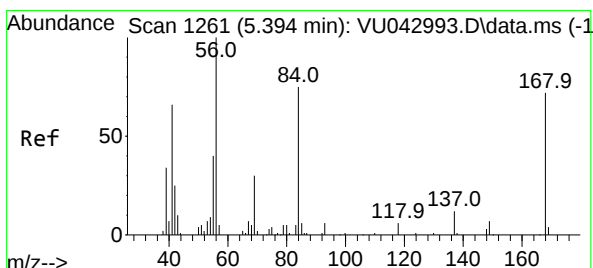
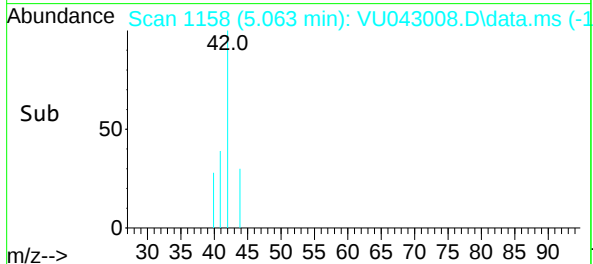
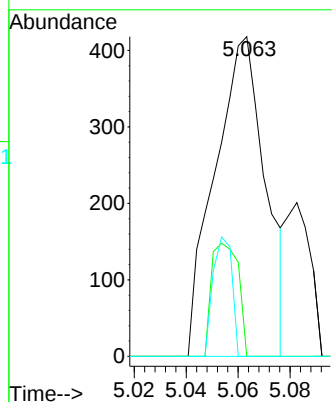
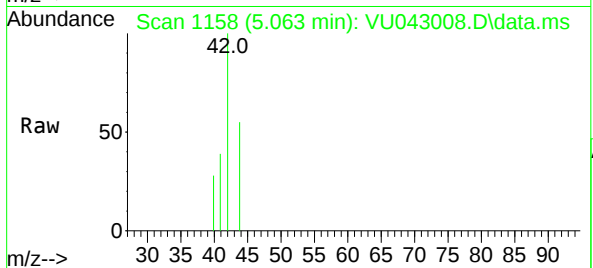
Delta R.T. 0.010 min

Lab File: VU043008.D

Acq: 09 Apr 2021 17:27

Tgt Ion: 42	Resp: 564
Ion Ratio	Lower Upper
42 100	
72 18.8	30.1 45.1#
71 14.0	28.1 42.1#

Instrument :
MSVOA_U
ClientSampleId :
TR2-D-BOTTOM



#31

Cyclohexane

Concen: 1.33 ug/l

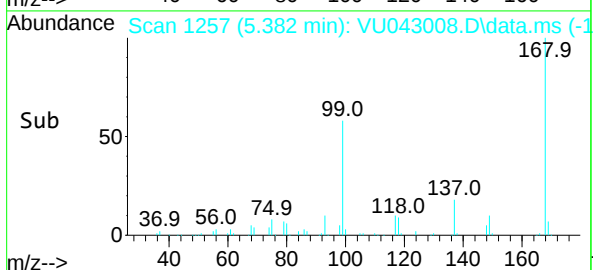
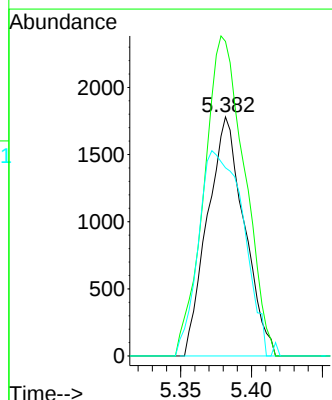
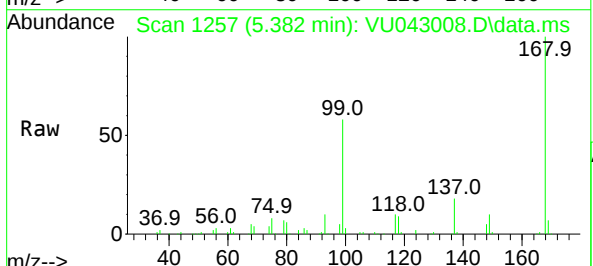
RT: 5.382 min Scan# 1257

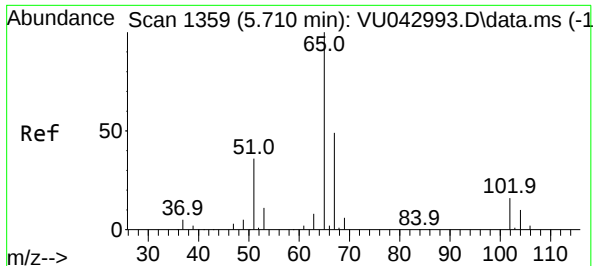
Delta R.T. -0.013 min

Lab File: VU043008.D

Acq: 09 Apr 2021 17:27

Tgt Ion: 56	Resp: 3218
Ion Ratio	Lower Upper
56 100	
69 131.6	23.9 35.9#
84 78.7	59.8 89.6





#33

1,2-Dichloroethane-d4

Concen: 50.18 ug/l

RT: 5.710 min Scan# 1359

Delta R.T. 0.000 min

Lab File: VU043008.D

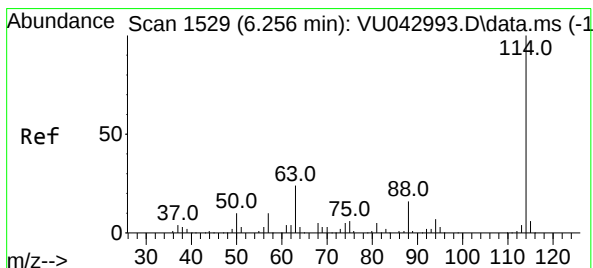
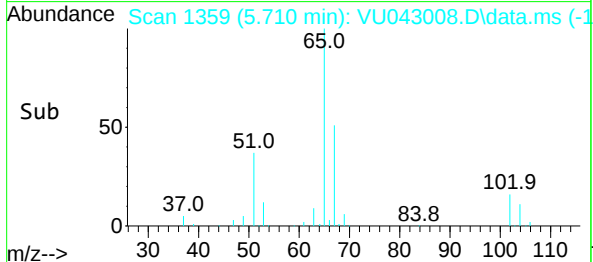
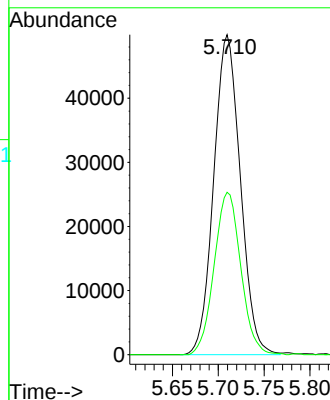
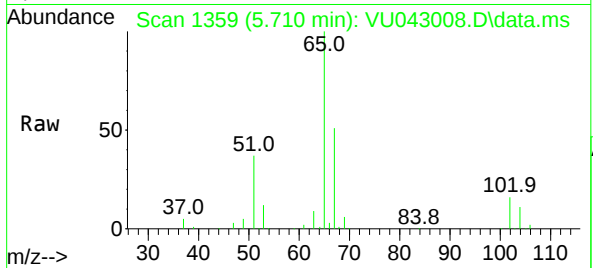
Acq: 09 Apr 2021 17:27

Tgt Ion: 65 Resp: 100718

Ion Ratio Lower Upper

65 100

67 50.8 0.0 98.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.256 min Scan# 1529

Delta R.T. 0.000 min

Lab File: VU043008.D

Acq: 09 Apr 2021 17:27

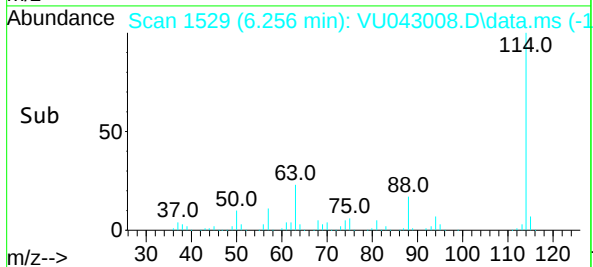
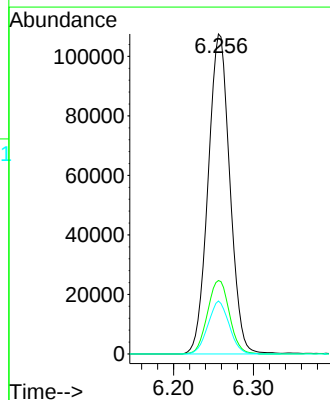
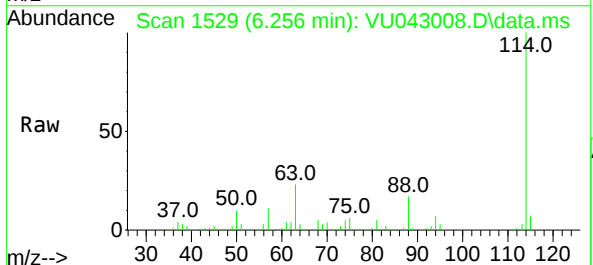
Tgt Ion: 114 Resp: 202699

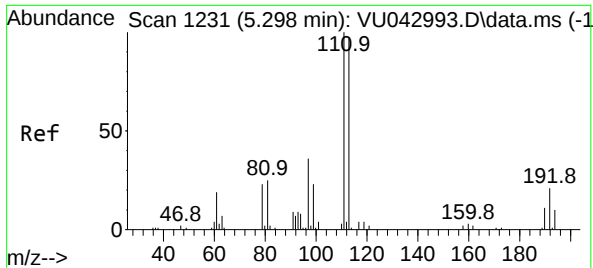
Ion Ratio Lower Upper

114 100

63 23.0 0.0 48.0

88 16.6 0.0 32.6

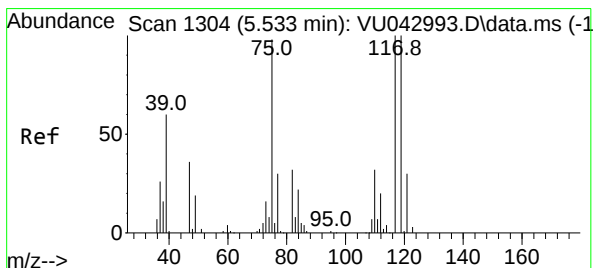
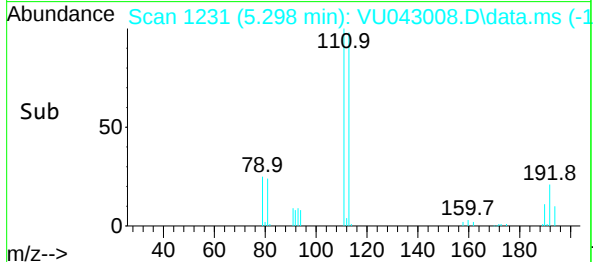
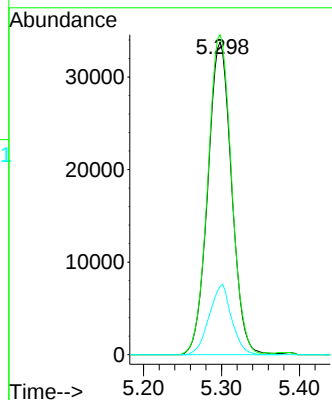
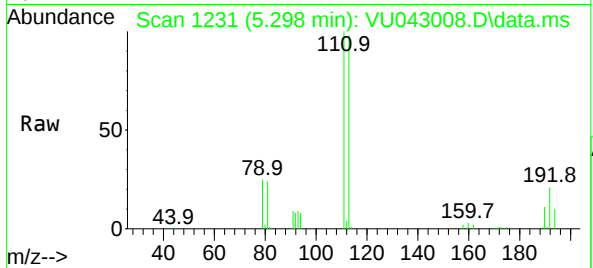




#35
Dibromofluoromethane
Concen: 48.38 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU043008.D
Acq: 09 Apr 2021 17:27

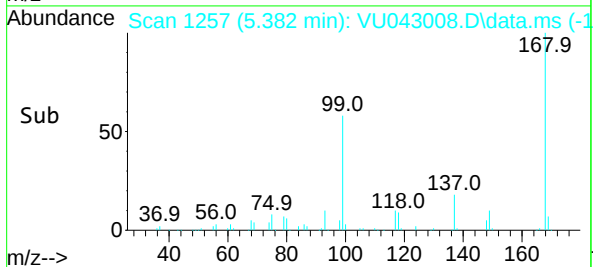
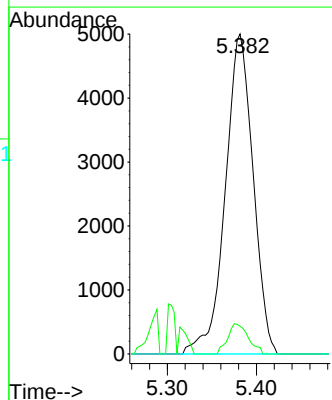
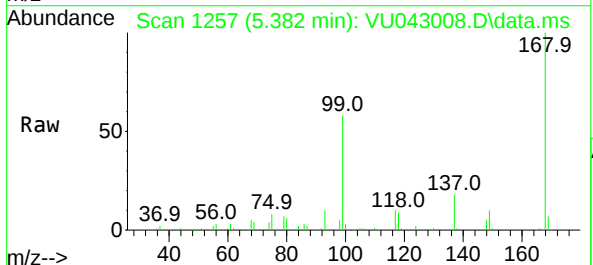
Instrument :
MSVOA_U
ClientSampleId :
TR2-D-BOTTOM

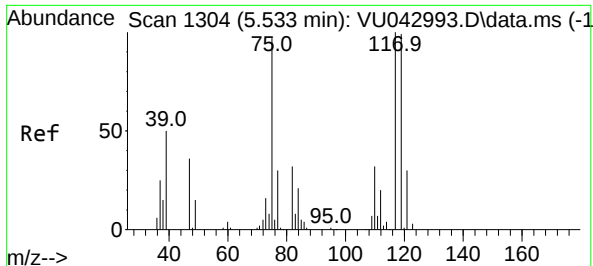
Tgt Ion:	113	Resp:	71616
Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.7	122.5
192	21.1	17.1	25.7



#36
1,1-Dichloropropene
Concen: 5.45 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043008.D
Acq: 09 Apr 2021 17:27

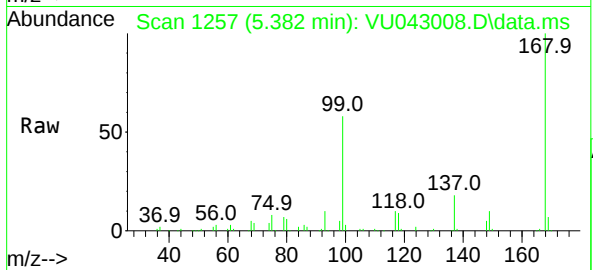
Tgt Ion:	75	Resp:	10844
Ion	Ratio	Lower	Upper
75	100		
110	7.0	16.3	48.8#
77	0.0	23.8	35.6#



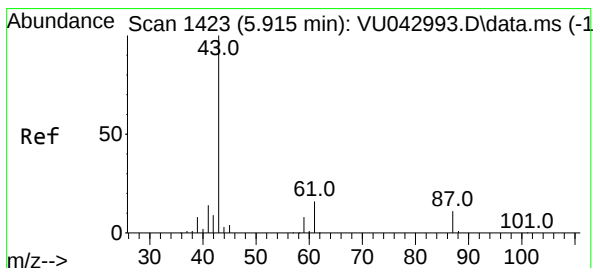
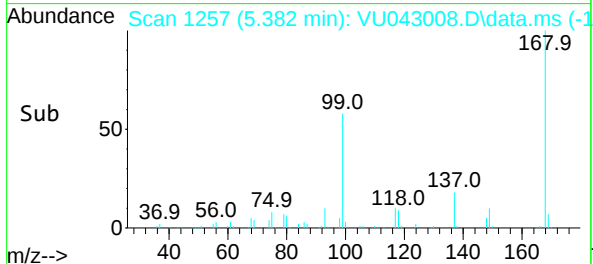
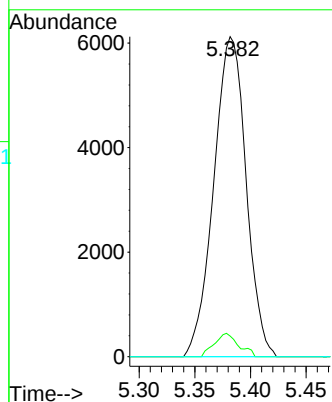


#38
Carbon Tetrachloride
Concen: 5.65 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043008.D
Acq: 09 Apr 2021 17:27

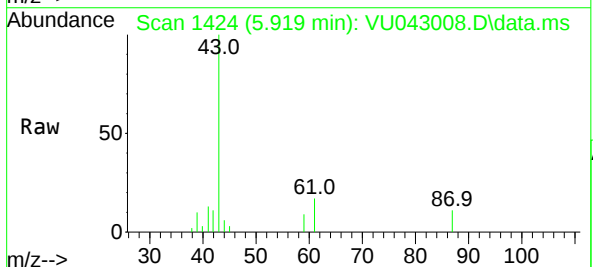
Instrument :
MSVOA_U
ClientSampleId :
TR2-D-BOTTOM



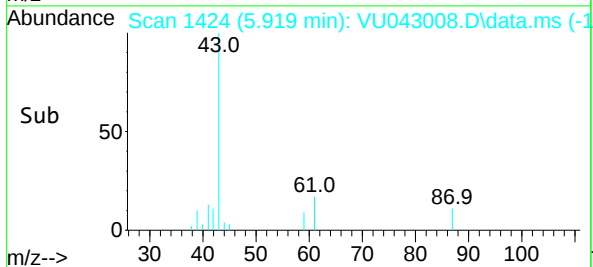
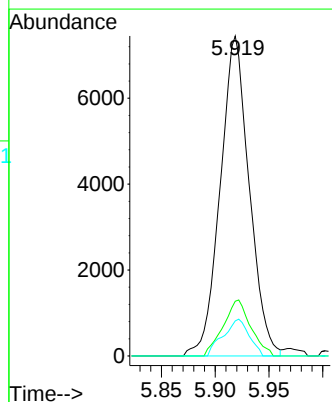
Tgt Ion:117 Resp: 12382
Ion Ratio Lower Upper
117 100
119 6.5 79.6 119.4#
121 0.0 24.1 36.1#

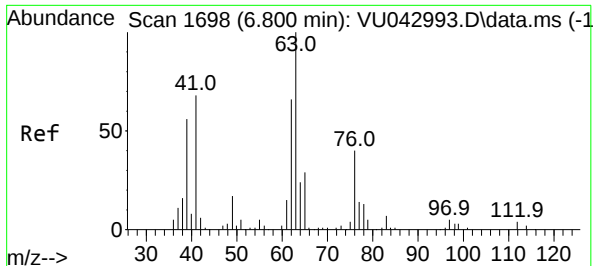


#43
Isopropyl Acetate
Concen: 2.81 ug/l
RT: 5.919 min Scan# 1424
Delta R.T. 0.003 min
Lab File: VU043008.D
Acq: 09 Apr 2021 17:27



Tgt Ion: 43 Resp: 13971
Ion Ratio Lower Upper
43 100
61 16.6 13.4 20.2
87 10.2 8.6 12.8

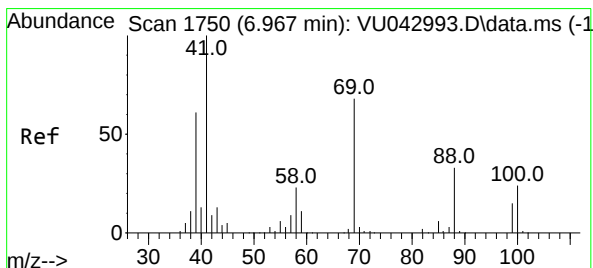
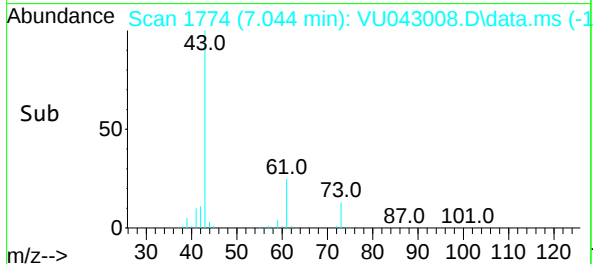
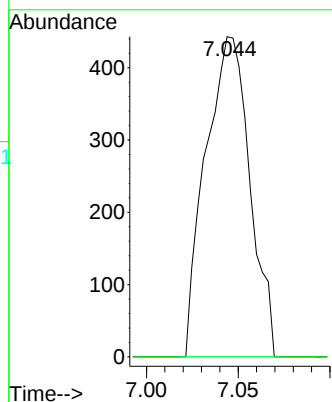
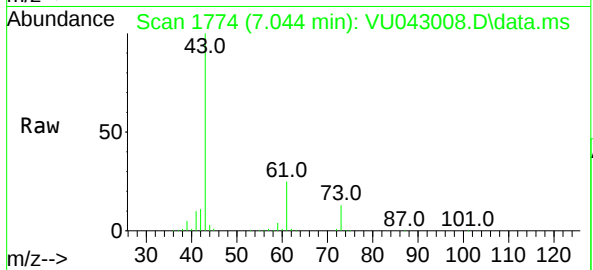




#45
1,2-Dichloropropane
Concen: 0.46 ug/l
RT: 7.044 min Scan# 1774
Delta R.T. 0.244 min
Lab File: VU043008.D
Acq: 09 Apr 2021 17:27

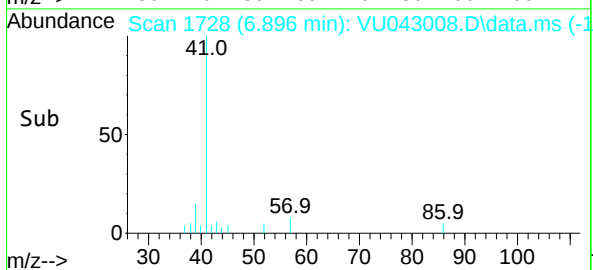
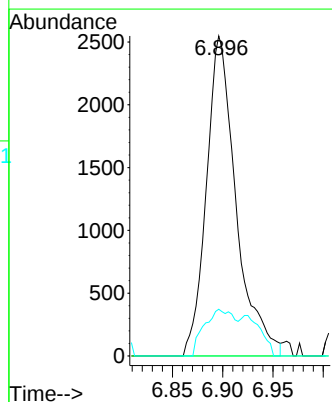
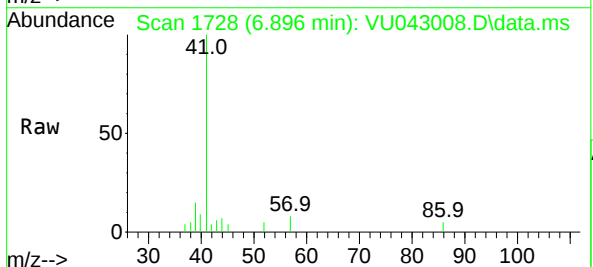
Instrument :
MSVOA_U
ClientSampleId :
TR2-D-BOTTOM

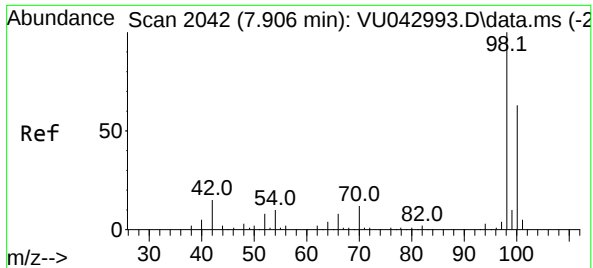
Tgt Ion: 63 Resp: 743
Ion Ratio Lower Upper
63 100
65 0.0 23.5 35.3#



#48
Methyl methacrylate
Concen: 2.06 ug/l
RT: 6.896 min Scan# 1728
Delta R.T. -0.071 min
Lab File: VU043008.D
Acq: 09 Apr 2021 17:27

Tgt Ion: 41 Resp: 5233
Ion Ratio Lower Upper
41 100
69 0.0 55.1 82.7#
39 0.0 50.0 75.0#

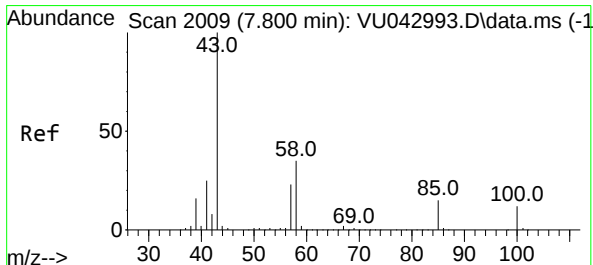
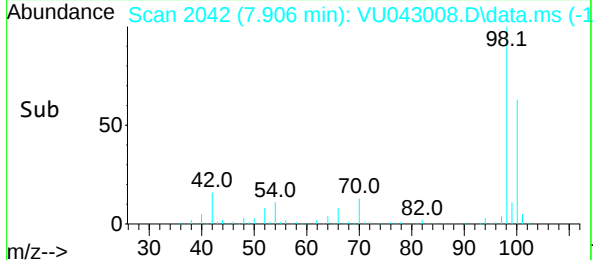
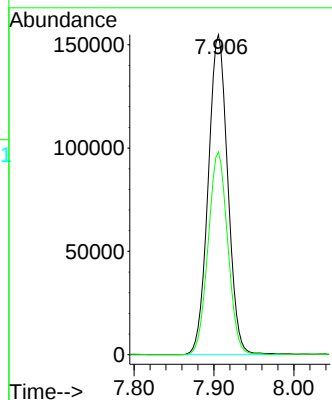
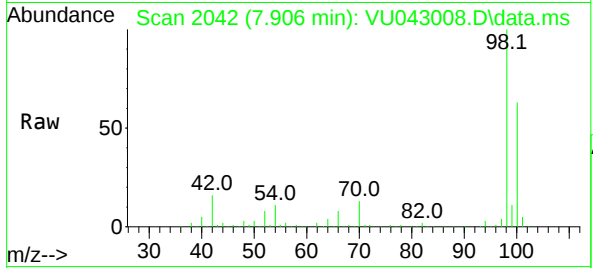




#50
Toluene-d8
Concen: 49.38 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.000 min
Lab File: VU043008.D
Acq: 09 Apr 2021 17:27

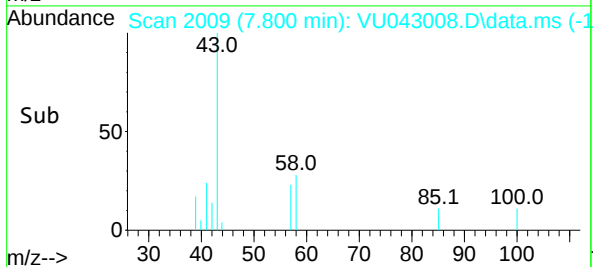
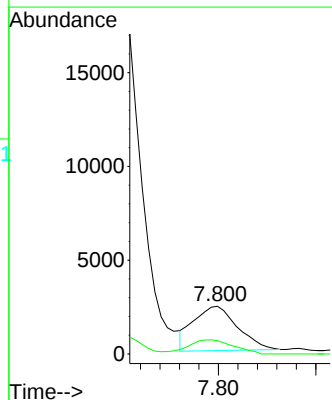
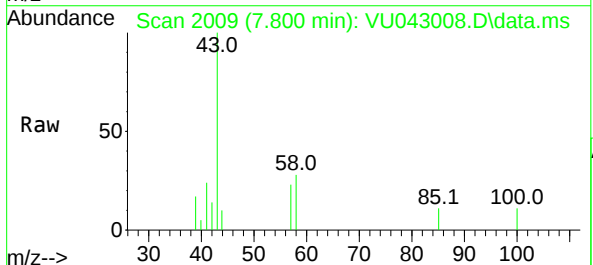
Instrument :
MSVOA_U
ClientSampleId :
TR2-D-BOTTOM

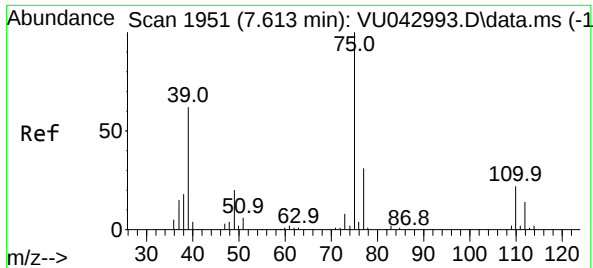
Tgt Ion: 98 Resp: 263305
Ion Ratio Lower Upper
98 100
100 63.6 49.9 74.9



#51
4-Methyl-2-Pentanone
Concen: 10.43 ug/l
RT: 7.800 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VU043008.D
Acq: 09 Apr 2021 17:27

Tgt Ion: 43 Resp: 3718
Ion Ratio Lower Upper
43 100
58 33.0 27.7 41.5

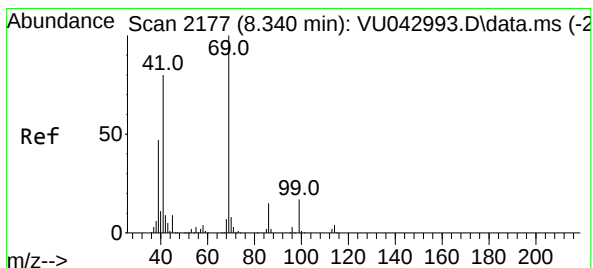
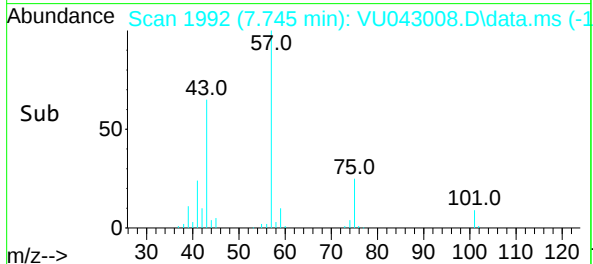
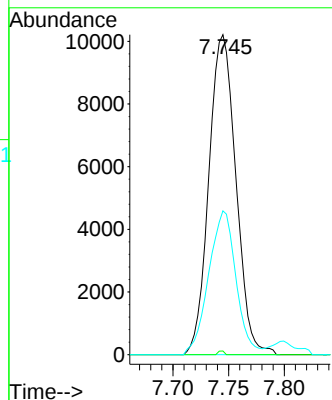
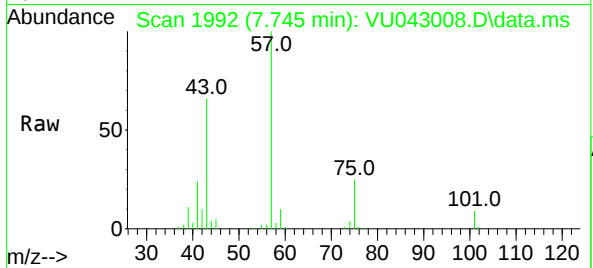




#54
 cis-1,3-Dichloropropene
 Concen: 7.50 ug/l
 RT: 7.745 min Scan# 1992
 Delta R.T. 0.132 min
 Lab File: VU043008.D
 Acq: 09 Apr 2021 17:27

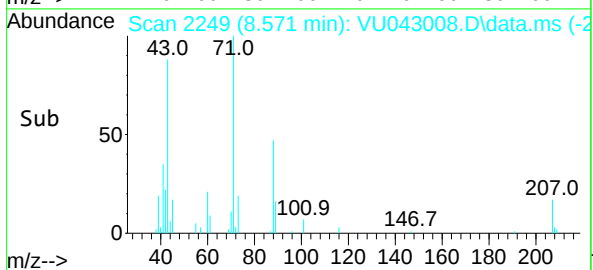
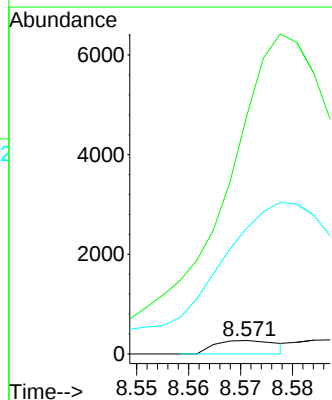
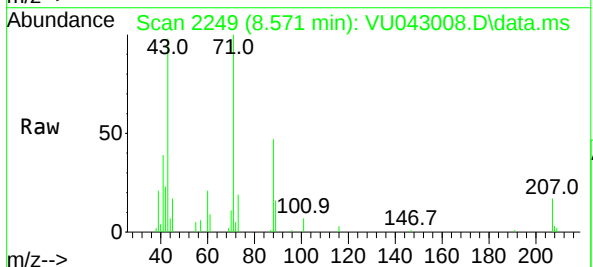
Instrument :
 MSVOA_U
 ClientSampleId :
 TR2-D-BOTTOM

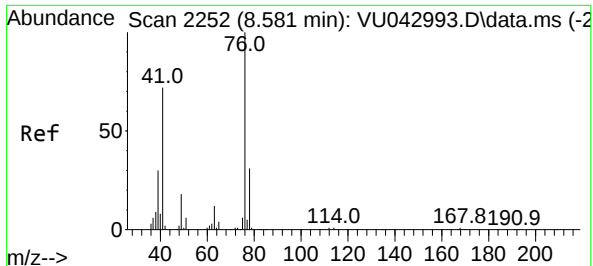
Tgt Ion: 75 Resp: 17273
 Ion Ratio Lower Upper
 75 100
 77 1.2 24.6 36.8#
 39 45.0 49.4 74.0#



#56
 Ethyl methacrylate
 Concen: 2.65 ug/l
 RT: 8.571 min Scan# 2249
 Delta R.T. 0.231 min
 Lab File: VU043008.D
 Acq: 09 Apr 2021 17:27

Tgt Ion: 69 Resp: 226
 Ion Ratio Lower Upper
 69 100
 41 4688.5 65.6 98.4#
 39 2351.3 39.0 58.6#



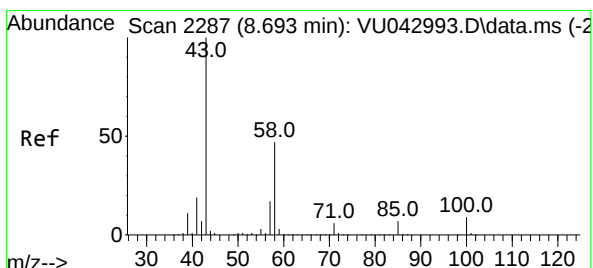
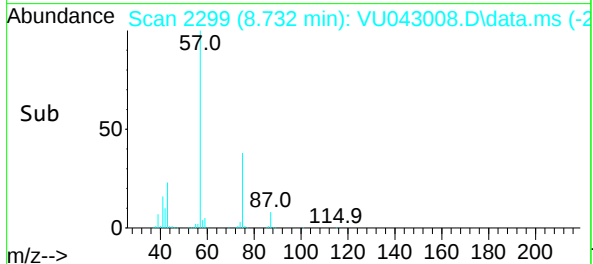
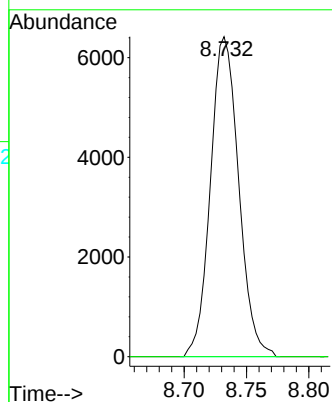
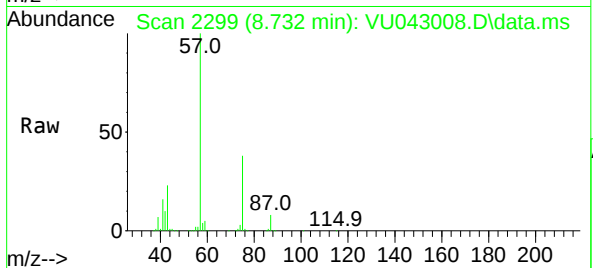


#57

1,3-Dichloropropane
Concen: 3.74 ug/l
RT: 8.732 min Scan# 2299
Delta R.T. 0.151 min
Lab File: VU043008.D
Acq: 09 Apr 2021 17:27

Instrument :
MSVOA_U
ClientSampleId :
TR2-D-BOTTOM

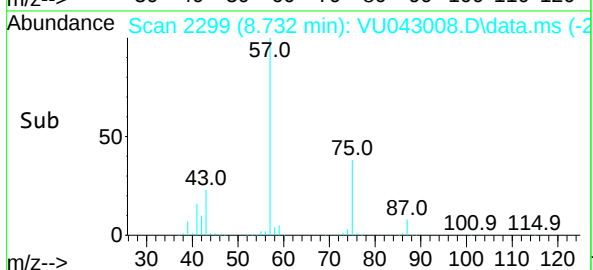
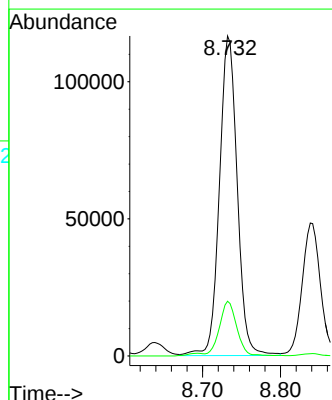
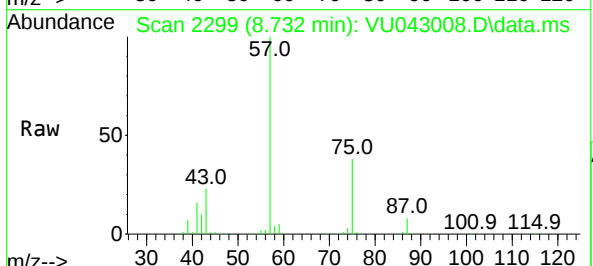
Tgt Ion: 76 Resp: 10137
Ion Ratio Lower Upper
76 100
78 0.0 25.4 38.2#

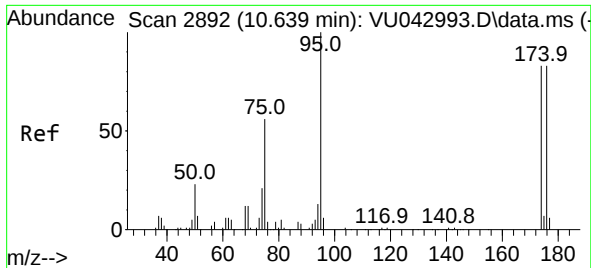


#59

2-Hexanone
Concen: 58.53 ug/l
RT: 8.732 min Scan# 2299
Delta R.T. 0.039 min
Lab File: VU043008.D
Acq: 09 Apr 2021 17:27

Tgt Ion: 43 Resp: 185019
Ion Ratio Lower Upper
43 100
58 16.3 23.7 71.1#

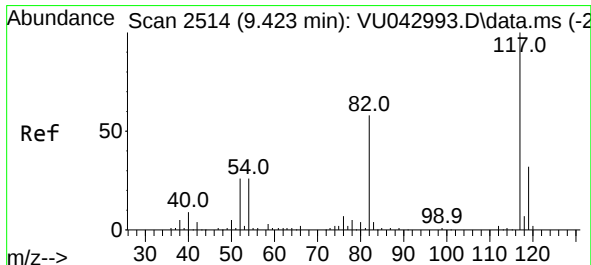
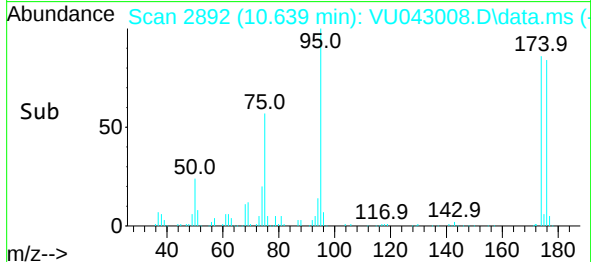
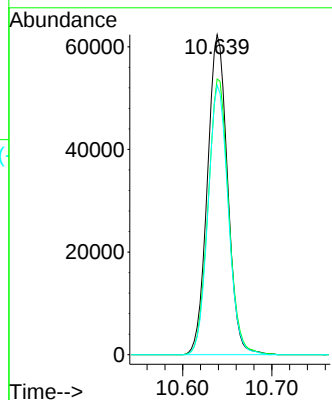
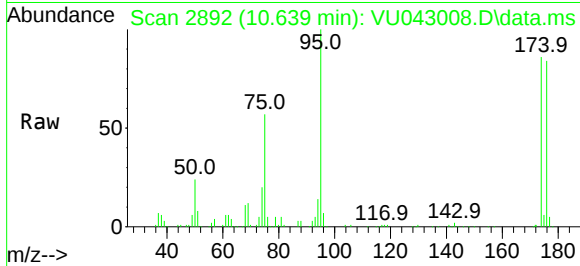




#62
4-Bromofluorobenzene
Concen: 44.99 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.000 min
Lab File: VU043008.D
Acq: 09 Apr 2021 17:27

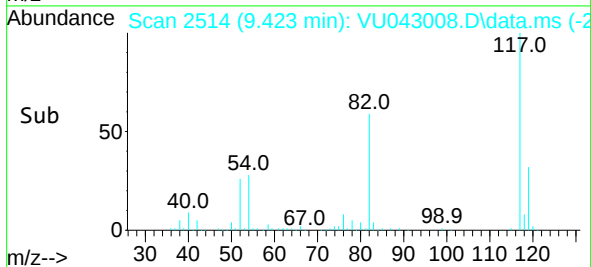
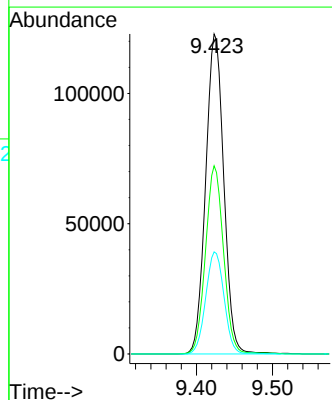
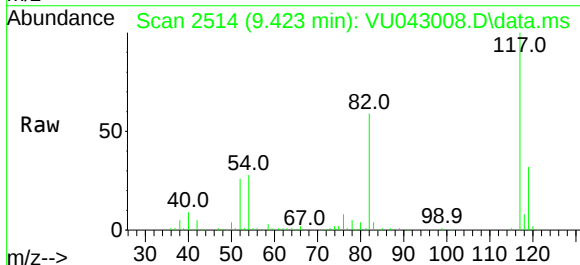
Instrument :
MSVOA_U
ClientSampleId :
TR2-D-BOTTOM

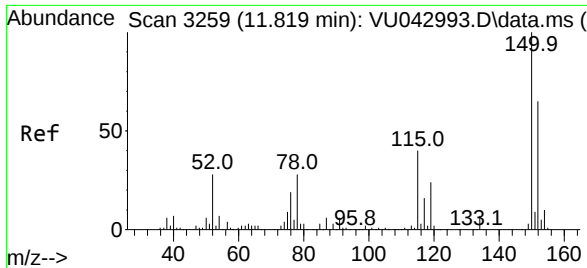
Tgt Ion:	95	Resp:	98006
Ion Ratio	Lower	Upper	
95	100		
174	87.6	0.0	168.8
176	84.1	0.0	164.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043008.D
Acq: 09 Apr 2021 17:27

Tgt Ion:	117	Resp:	203246
Ion Ratio	Lower	Upper	
117	100		
82	58.7	46.5	69.7
119	31.9	25.7	38.5

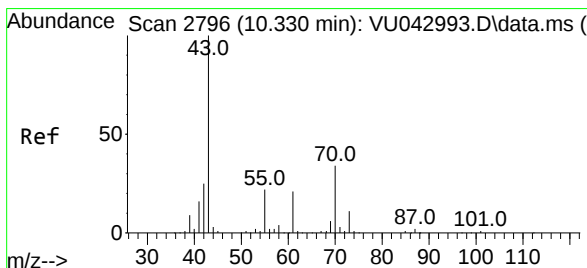
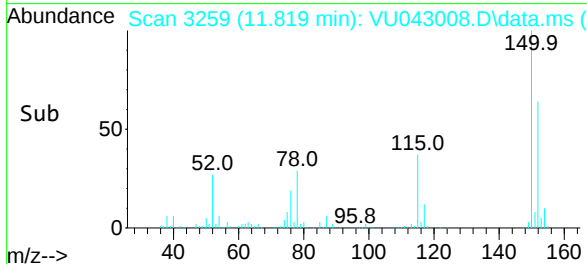
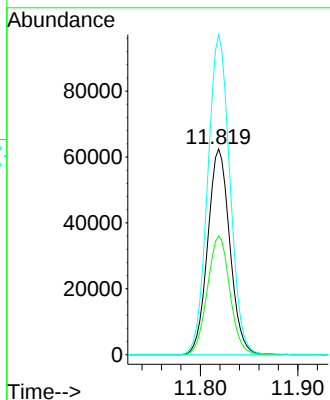
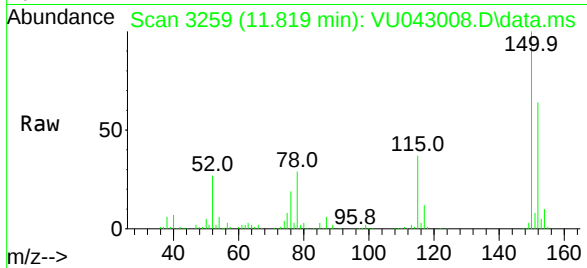




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043008.D
Acq: 09 Apr 2021 17:27

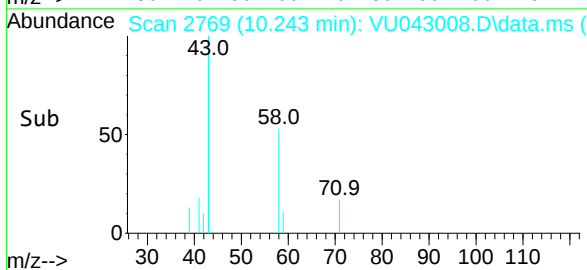
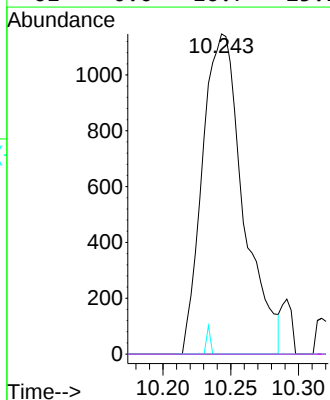
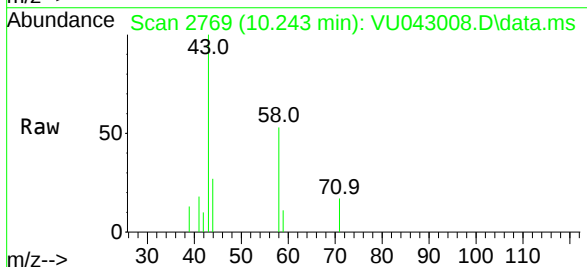
Instrument :
MSVOA_U
ClientSampleId :
TR2-D-BOTTOM

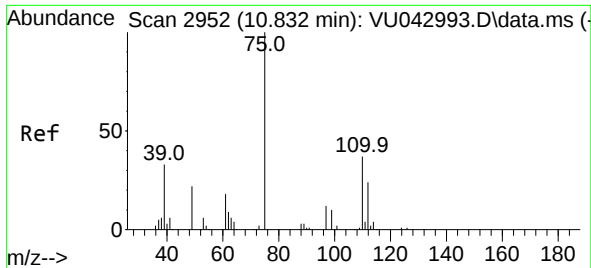
Tgt Ion:152 Resp: 98546
Ion Ratio Lower Upper
152 100
115 58.4 42.8 128.3
150 156.0 0.0 347.6



#74
N-ethyl acetate
Concen: 0.62 ug/l
RT: 10.243 min Scan# 2769
Delta R.T. -0.087 min
Lab File: VU043008.D
Acq: 09 Apr 2021 17:27

Tgt Ion: 43 Resp: 2399
Ion Ratio Lower Upper
43 100
70 0.0 27.4 41.0#
55 0.8 17.8 26.6#
61 0.0 16.7 25.1#

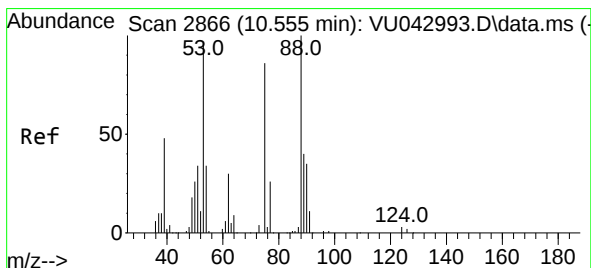
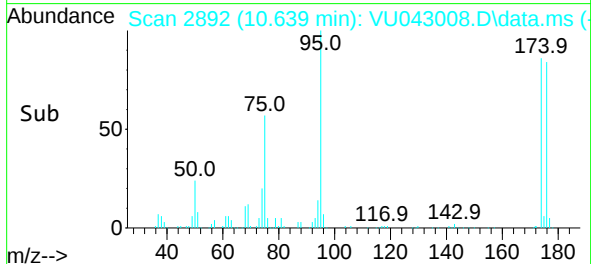
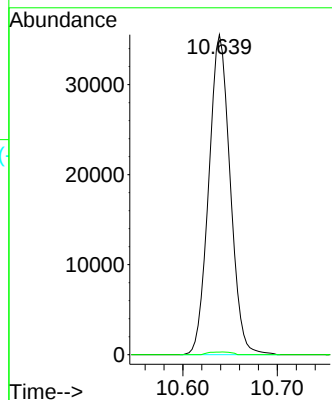
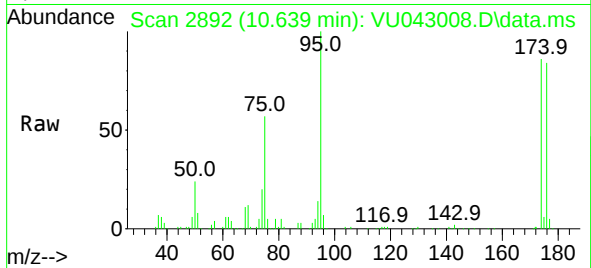




#76
1,2,3-Trichloropropane
Concen: 19.91 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU043008.D
Acq: 09 Apr 2021 17:27

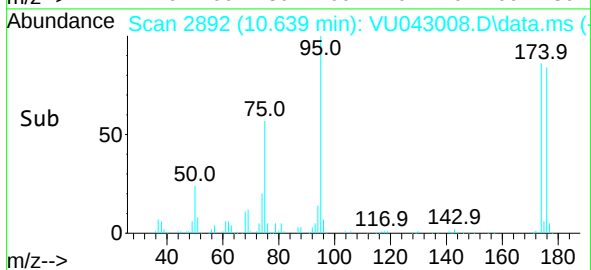
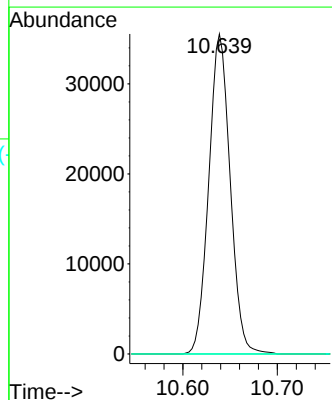
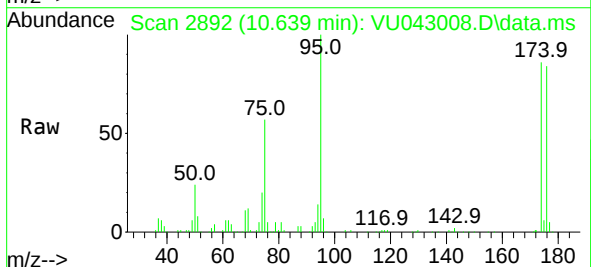
Instrument :
MSVOA_U
ClientSampleId :
TR2-D-BOTTOM

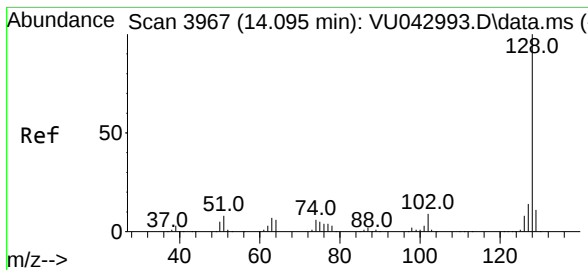
Tgt Ion: 75 Resp: 55951
Ion Ratio Lower Upper
75 100
77 0.9 18.2 54.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.33 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043008.D
Acq: 09 Apr 2021 17:27

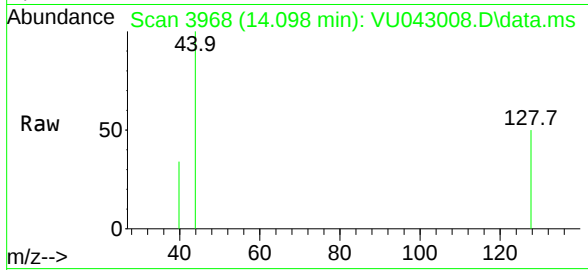
Tgt Ion: 75 Resp: 55951
Ion Ratio Lower Upper
75 100
53 0.0 91.1 136.7#
89 0.0 37.1 55.7#





#95
Naphthalene
Concen: 3.23 ug/l
RT: 14.098 min Scan# 3968
Delta R.T. 0.003 min
Lab File: VU043008.D
Acq: 09 Apr 2021 17:27

Instrument :
MSVOA_U
ClientSampleId :
TR2-D-BOTTOM



Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	11.0	16.4#
129	0.0	8.7	13.1#

