

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040921\
 Data File : VU043006.D
 Acq On : 09 Apr 2021 16:41
 Operator : SY/MD
 Sample : M1961-20
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TR2-C-BOTTOM

Quant Time: Apr 10 05:06:55 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)

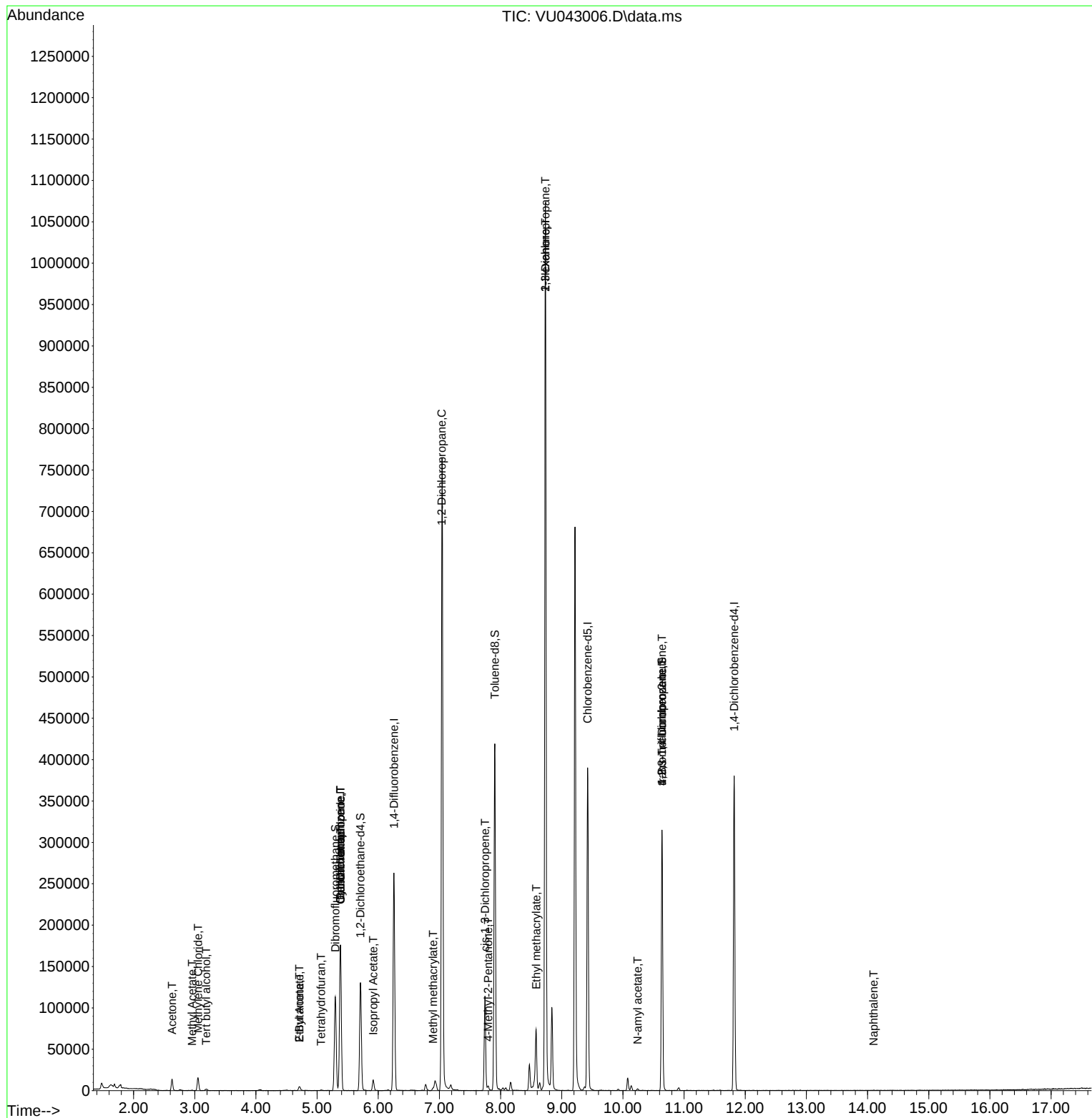
Internal Standards						
1) Pentafluorobenzene	5.382	168	120266	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	193894	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	194496	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	92371	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	99480	50.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.20%	
35) Dibromofluoromethane	5.298	113	69609	49.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.32%	
50) Toluene-d8	7.906	98	252707	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.08%	
62) 4-Bromofluorobenzene	10.639	95	93006	44.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.26%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	325	Below Cal		93
11) Tert butyl alcohol	3.186	59	1910	3.57 ug/l #		77
16) Acetone	2.629	43	15962	14.48 ug/l		98
18) Methyl Acetate	2.957	43	525	0.21 ug/l #		66
20) Methylene Chloride	3.054	84	6490	4.60 ug/l		97
25) 2-Butanone	4.710	43	7814	4.44 ug/l		95
29) Tetrahydrofuran	5.067	42	737	0.65 ug/l #		43
31) Cyclohexane	5.378	56	2967	1.25 ug/l #		17
36) 1,1-Dichloropropene	5.382	75	10403	5.46 ug/l #		52
37) Ethyl Acetate	4.710	43	7814	2.38 ug/l #		72
38) Carbon Tetrachloride	5.385	117	12128	5.78 ug/l #		15
43) Isopropyl Acetate	5.919	43	13611	2.86 ug/l		97
45) 1,2-Dichloropropane	7.038	63	422	0.27 ug/l #		45
48) Methyl methacrylate	6.896	41	4626	1.91 ug/l #		17
51) 4-Methyl-2-Pentanone	7.796	43	3691	10.46 ug/l		95
54) cis-1,3-Dichloropropene	7.745	75	16868	7.62 ug/l #		66
56) Ethyl methacrylate	8.584	69	458	2.73 ug/l #		1
57) 1,3-Dichloropropane	8.732	76	9555	3.69 ug/l #		43
59) 2-Hexanone	8.732	43	171148	56.86 ug/l #		54
74) N-amyl acetate	10.240	43	1787	0.49 ug/l #		48
76) 1,2,3-Trichloropropane	10.639	75	52640	19.98 ug/l #		40
81) trans-1,4-Dichloro-2-b...	10.639	75	52640	55.52 ug/l #		5
95) Naphthalene	14.098	128	365	3.26 ug/l #		68

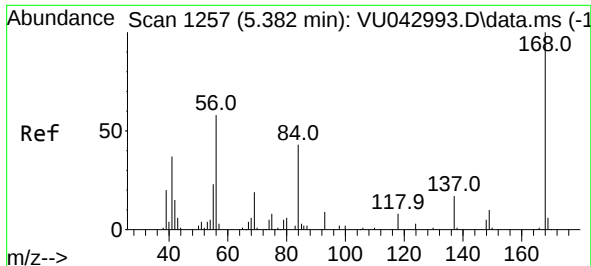
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TR2-C-BOTTOM

Quant Time: Apr 10 05:06:55 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

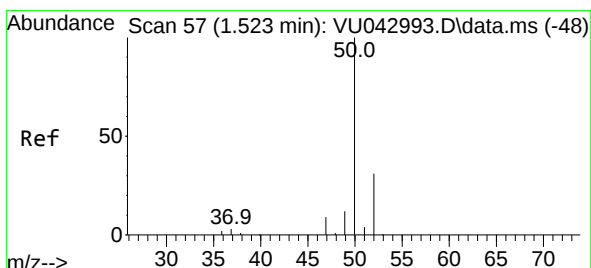
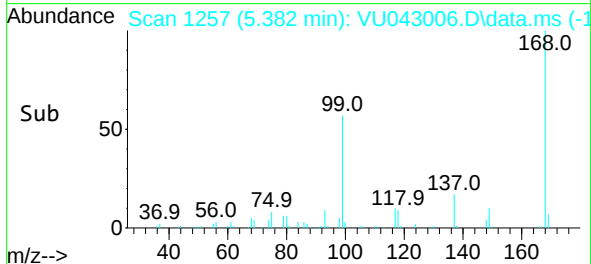
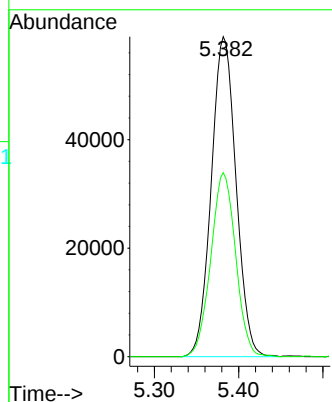
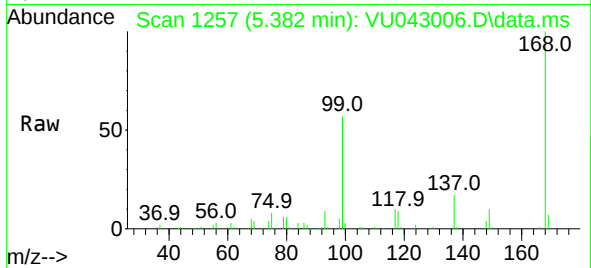




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043006.D
Acq: 09 Apr 2021 16:41

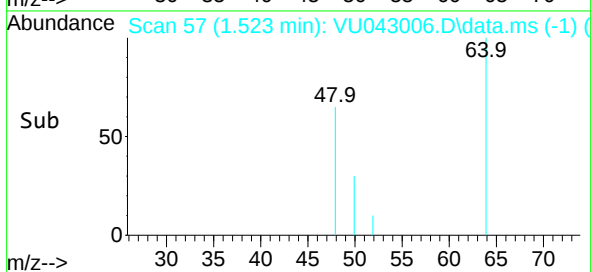
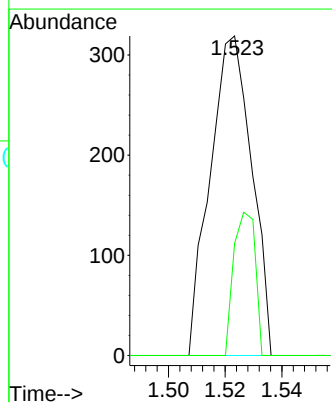
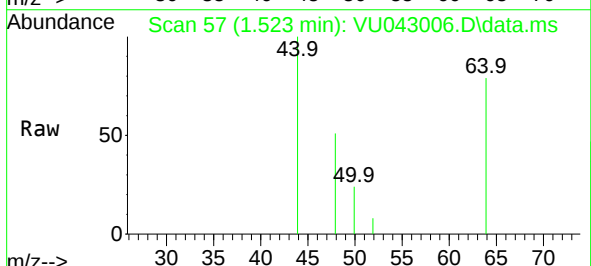
Instrument :
MSVOA_U
ClientSampleId :
TR2-C-BOTTOM

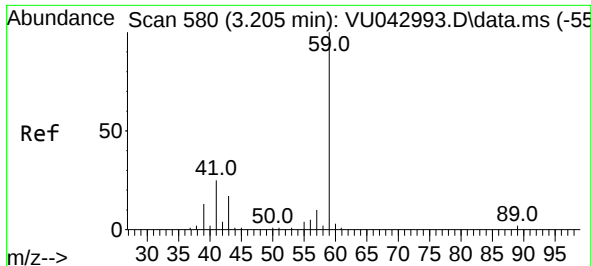
Tgt Ion:168 Resp: 120266
Ion Ratio Lower Upper
168 100
99 57.5 47.5 71.3



#3
Chloromethane
Concen: Below Cal
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU043006.D
Acq: 09 Apr 2021 16:41

Tgt Ion: 50 Resp: 325
Ion Ratio Lower Upper
50 100
52 35.1 25.0 37.4





#11

Tert butyl alcohol

Concen: 3.57 ug/l

RT: 3.186 min Scan# 574

Delta R.T. -0.019 min

Lab File: VU043006.D

Acq: 09 Apr 2021 16:41

Tgt Ion: 59 Resp: 1910

Ion Ratio Lower Upper

59 100

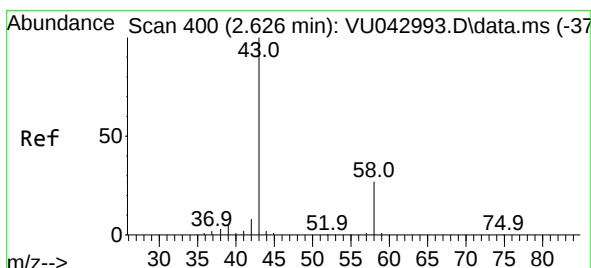
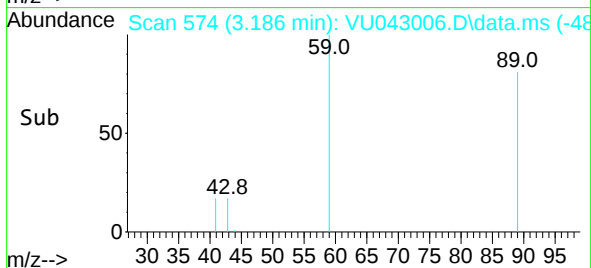
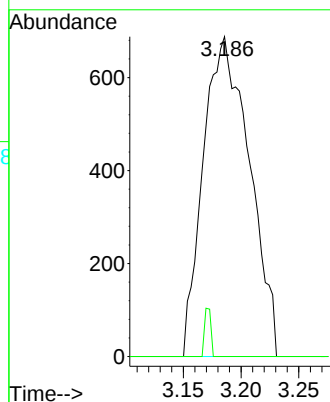
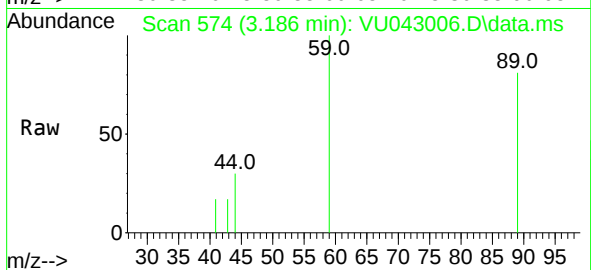
57 2.1 8.6 13.0#

Instrument :

MSVOA_U

ClientSampleId :

TR2-C-BOTTOM



#16

Acetone

Concen: 14.48 ug/l

RT: 2.629 min Scan# 401

Delta R.T. 0.003 min

Lab File: VU043006.D

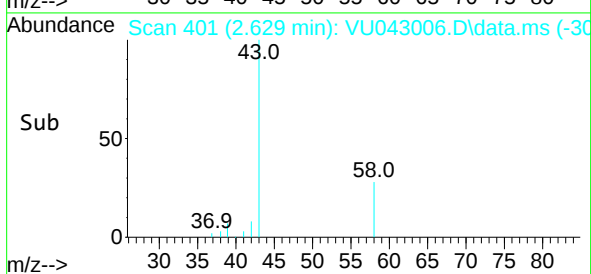
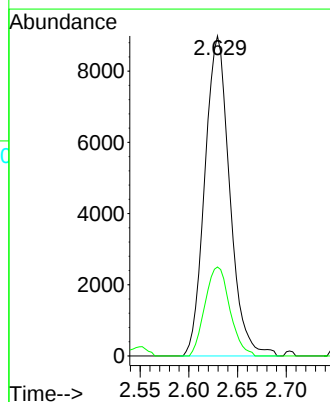
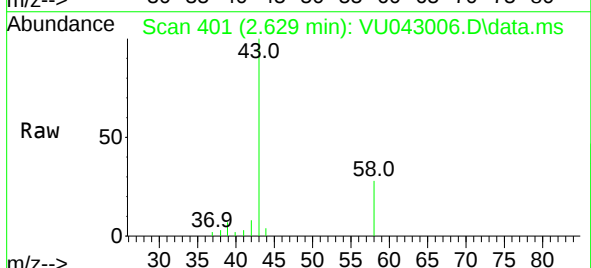
Acq: 09 Apr 2021 16:41

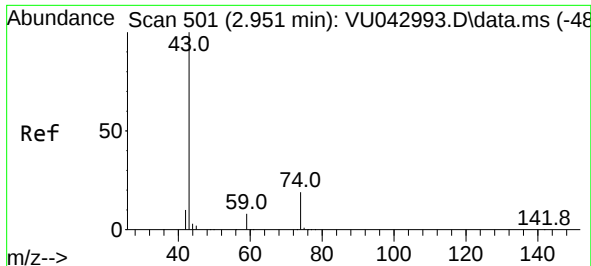
Tgt Ion: 43 Resp: 15962

Ion Ratio Lower Upper

43 100

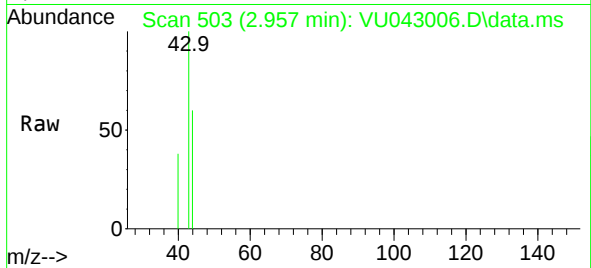
58 27.8 21.4 32.0



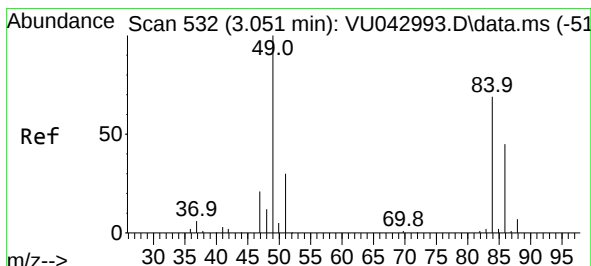
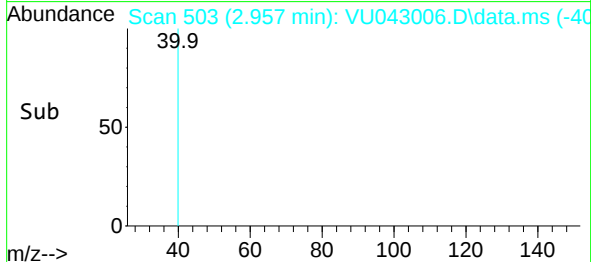
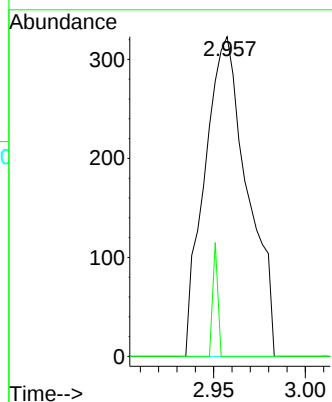


#18
Methyl Acetate
Concen: 0.21 ug/l
RT: 2.957 min Scan# 503
Delta R.T. 0.006 min
Lab File: VU043006.D
Acq: 09 Apr 2021 16:41

Instrument :
MSVOA_U
ClientSampleId :
TR2-C-BOTTOM

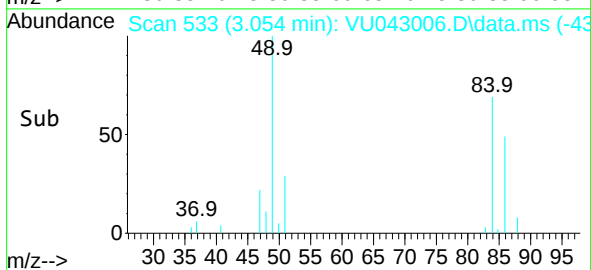
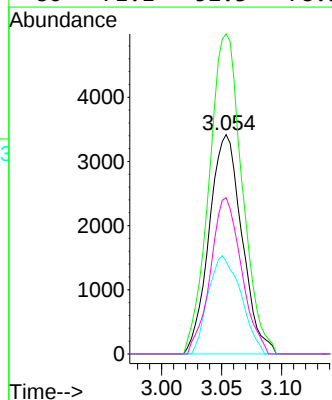
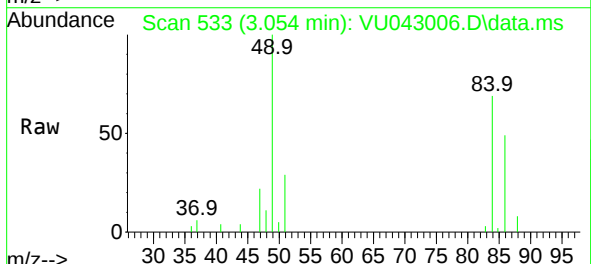


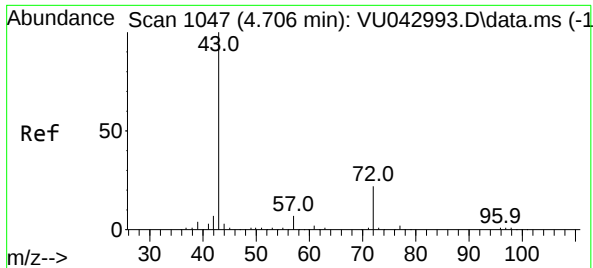
Tgt Ion: 43 Resp: 525
Ion Ratio Lower Upper
43 100
74 4.2 16.0 24.0#



#20
Methylene Chloride
Concen: 4.60 ug/l
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU043006.D
Acq: 09 Apr 2021 16:41

Tgt Ion: 84 Resp: 6490
Ion Ratio Lower Upper
84 100
49 145.8 116.1 174.1
51 42.1 35.1 52.7
86 71.1 52.3 78.5

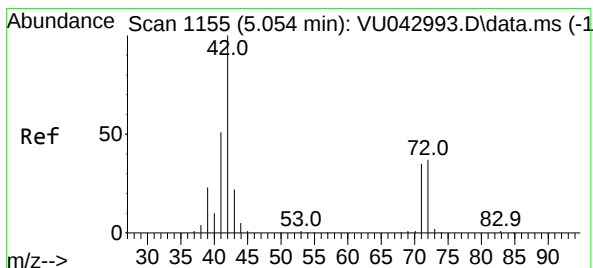
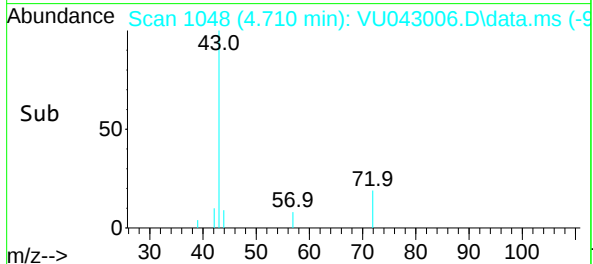
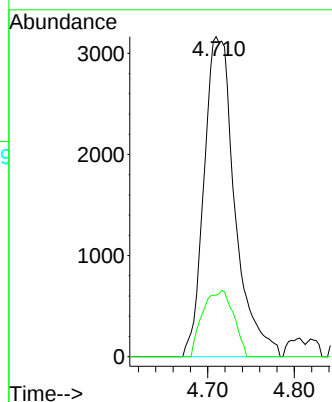
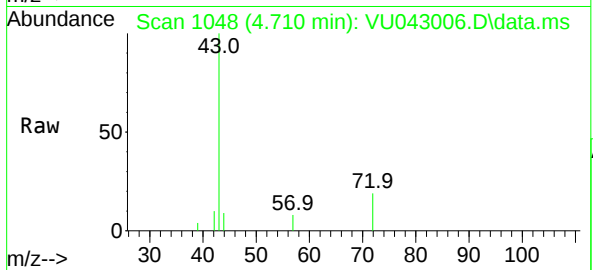




#25
2-Butanone
Concen: 4.44 ug/l
RT: 4.710 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU043006.D
Acq: 09 Apr 2021 16:41

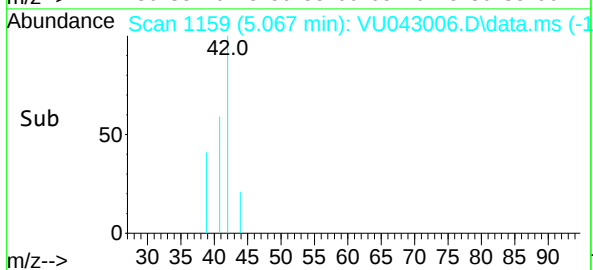
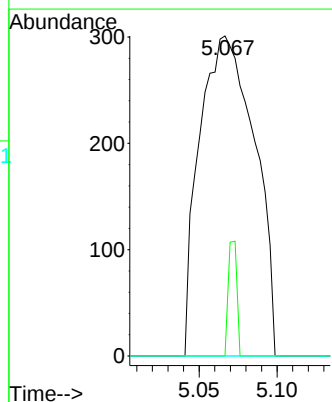
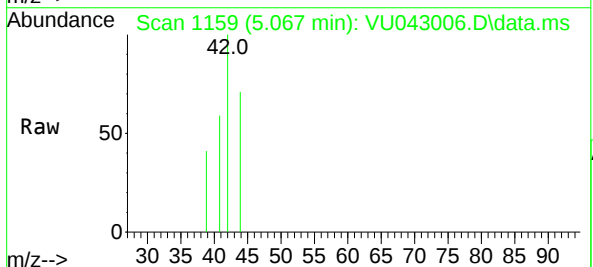
Instrument :
MSVOA_U
ClientSampleId :
TR2-C-BOTTOM

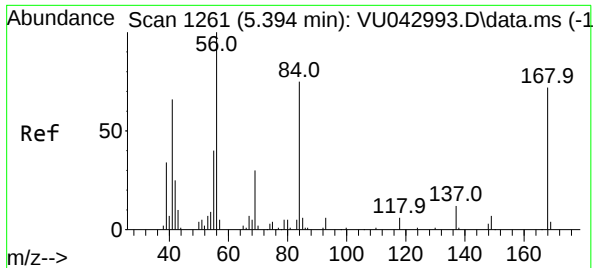
Tgt Ion: 43 Resp: 7814
Ion Ratio Lower Upper
43 100
72 19.2 17.4 26.2



#29
Tetrahydrofuran
Concen: 0.65 ug/l
RT: 5.067 min Scan# 1159
Delta R.T. 0.013 min
Lab File: VU043006.D
Acq: 09 Apr 2021 16:41

Tgt Ion: 42 Resp: 737
Ion Ratio Lower Upper
42 100
72 5.6 30.1 45.1#
71 0.0 28.1 42.1#

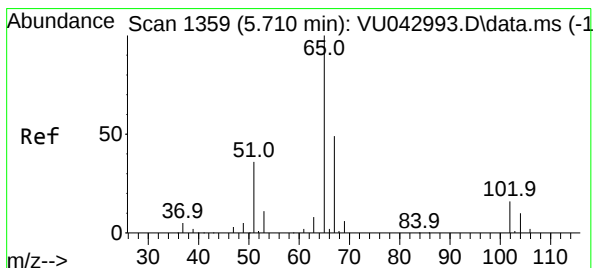
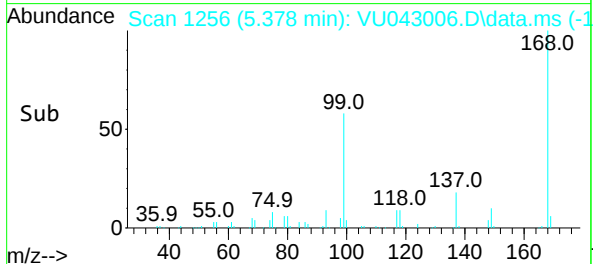
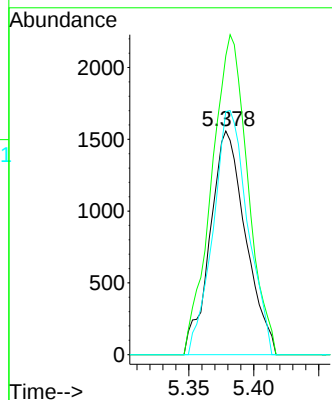
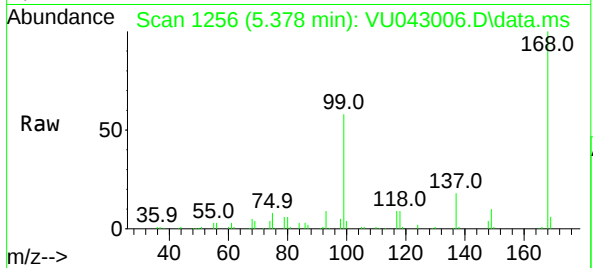




#31
Cyclohexane
Concen: 1.25 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.016 min
Lab File: VU043006.D
Acq: 09 Apr 2021 16:41

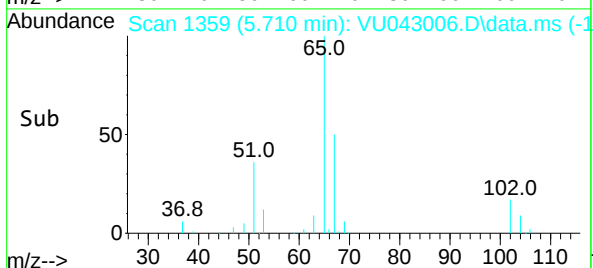
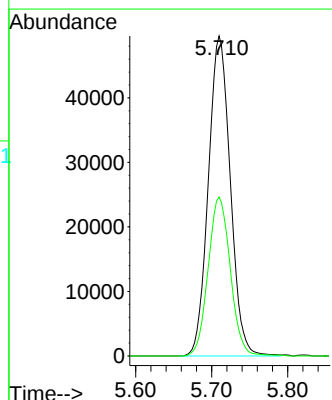
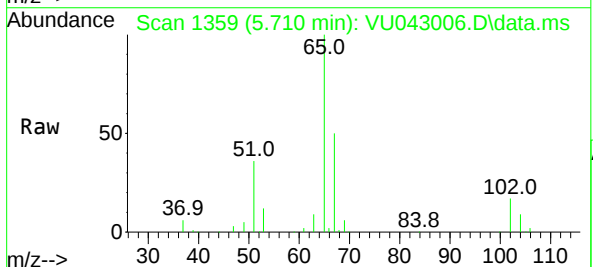
Instrument :
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ClientSampleId :
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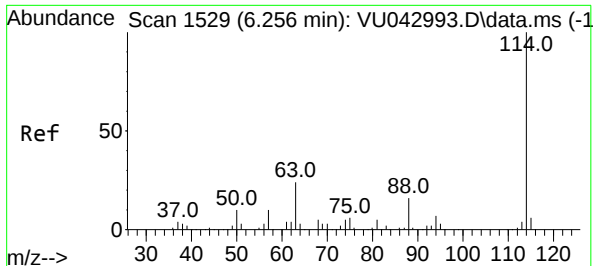
Tgt Ion: 56 Resp: 2967
Ion Ratio Lower Upper
56 100
69 133.6 23.9 35.9#
84 108.7 59.8 89.6#



#33
1,2-Dichloroethane-d4
Concen: 50.60 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VU043006.D
Acq: 09 Apr 2021 16:41

Tgt Ion: 65 Resp: 99480
Ion Ratio Lower Upper
65 100
67 50.2 0.0 98.6

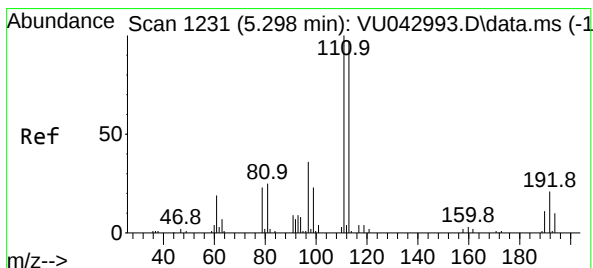
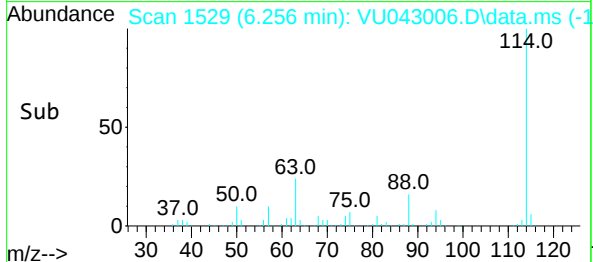
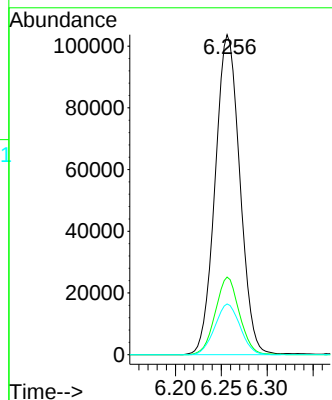
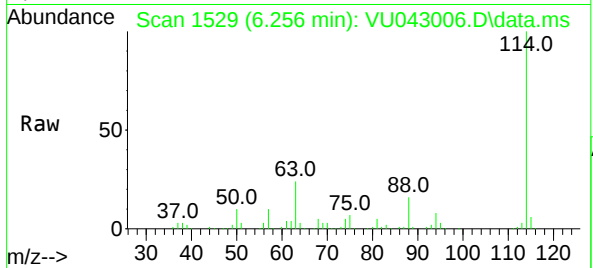




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043006.D
Acq: 09 Apr 2021 16:41

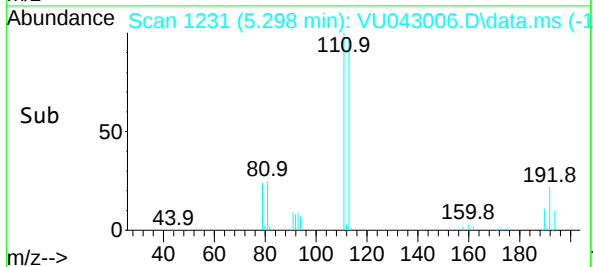
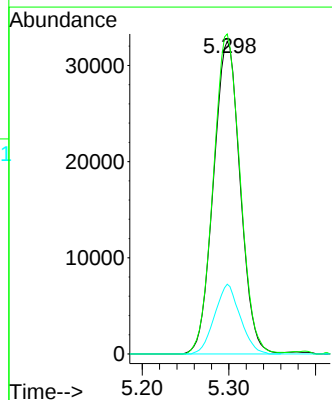
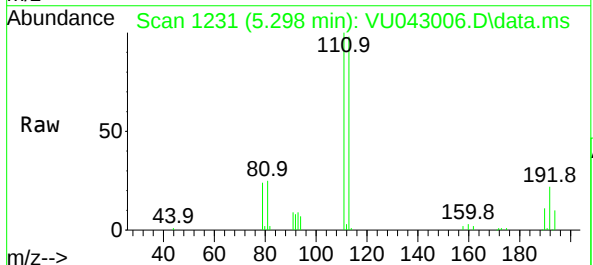
Instrument :
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ClientSampleId :
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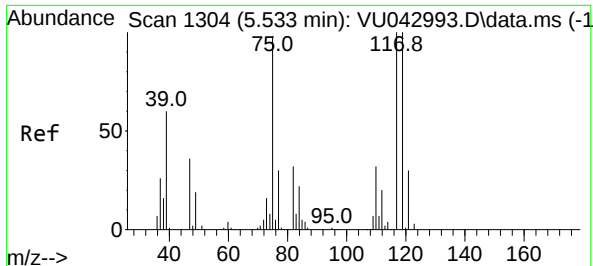
Tgt Ion:114	Resp:	193894
Ion Ratio	Lower	Upper
114	100	
63	24.3	0.0 48.0
88	15.9	0.0 32.6



#35
Dibromofluoromethane
Concen: 49.16 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043006.D
Acq: 09 Apr 2021 16:41

Tgt Ion:113	Resp:	69609
Ion Ratio	Lower	Upper
113	100	
111	102.5	81.7 122.5
192	21.3	17.1 25.7





#36

1,1-Dichloropropene

Concen: 5.46 ug/l

RT: 5.382 min Scan# 1257

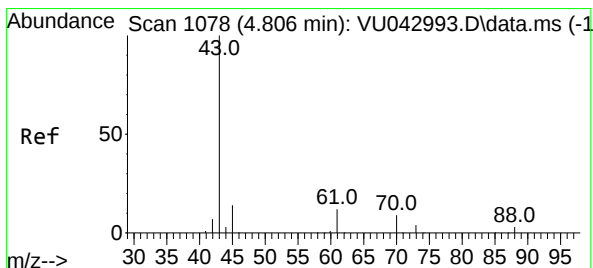
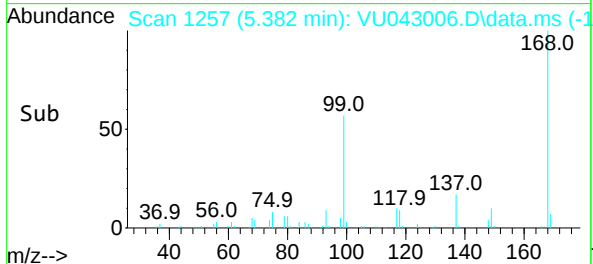
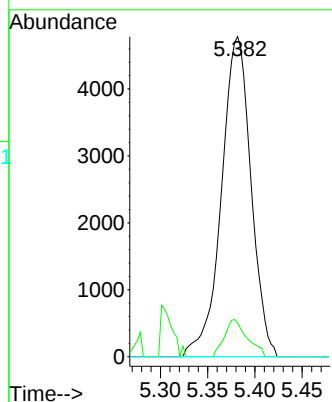
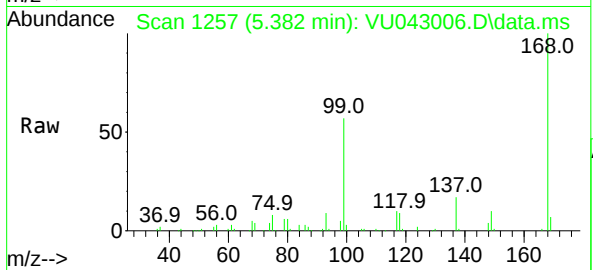
Delta R.T. -0.151 min

Lab File: VU043006.D

Acq: 09 Apr 2021 16:41

Tgt Ion:	75	Resp:	10403
Ion	Ratio	Lower	Upper
75	100		
110	8.9	16.3	48.8#
77	0.0	23.8	35.6#

Instrument :
MSVOA_U
ClientSampleId :
TR2-C-BOTTOM



#37

Ethyl Acetate

Concen: 2.38 ug/l

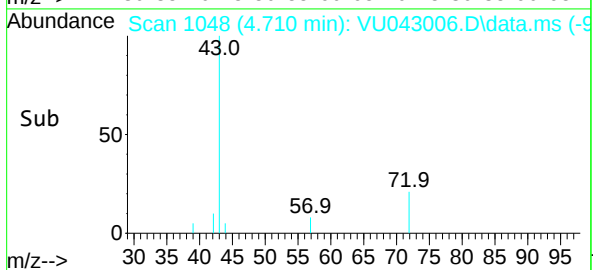
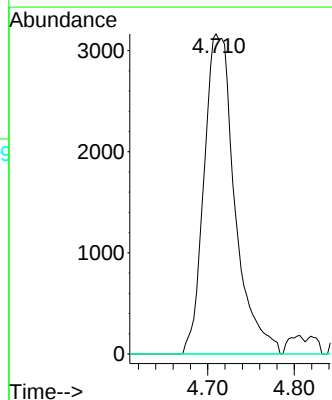
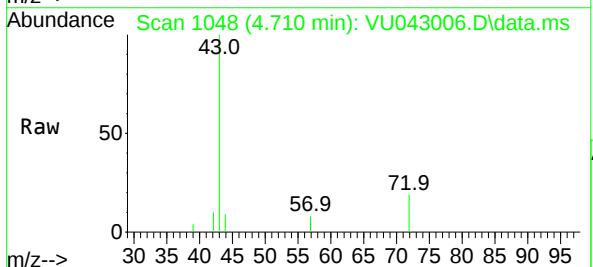
RT: 4.710 min Scan# 1048

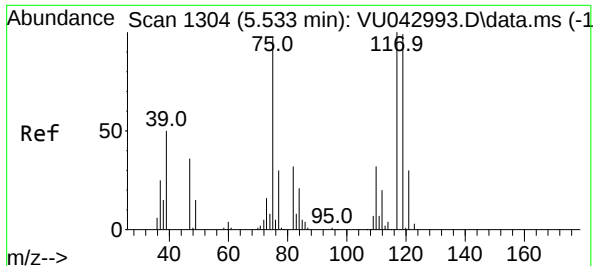
Delta R.T. -0.096 min

Lab File: VU043006.D

Acq: 09 Apr 2021 16:41

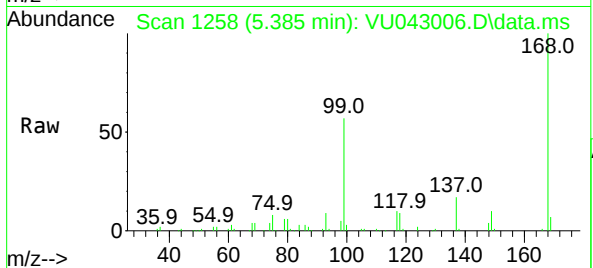
Tgt Ion:	43	Resp:	7814
Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.6	14.4#
70	0.0	6.6	9.8#



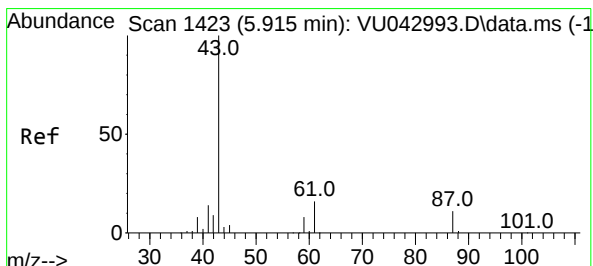
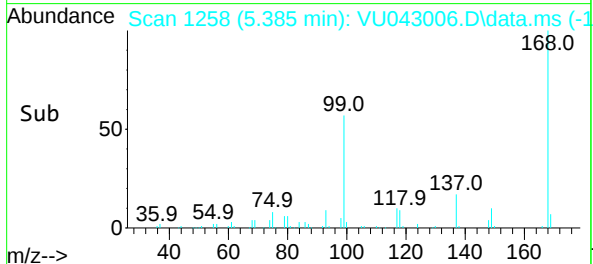
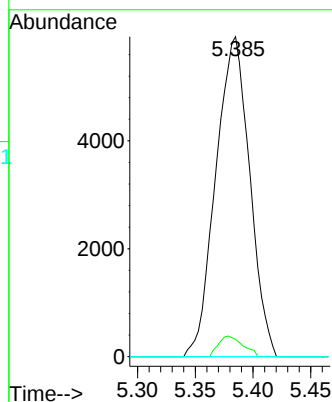


#38
Carbon Tetrachloride
Concen: 5.78 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.148 min
Lab File: VU043006.D
Acq: 09 Apr 2021 16:41

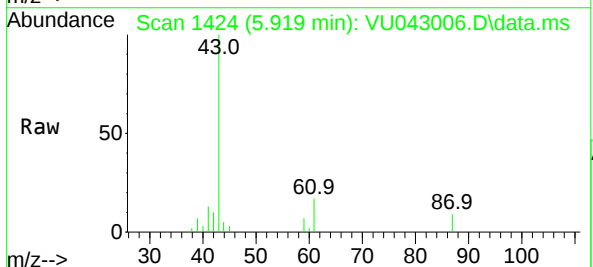
Instrument :
MSVOA_U
ClientSampleId :
TR2-C-BOTTOM



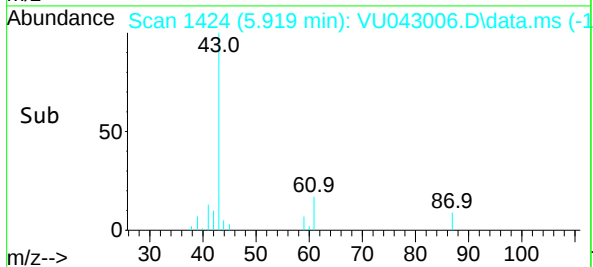
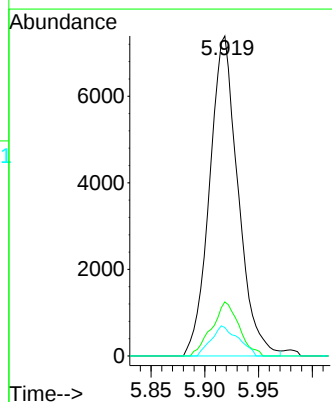
Tgt Ion: 117 Resp: 12128
Ion Ratio Lower Upper
117 100
119 5.4 79.6 119.4#
121 0.0 24.1 36.1#

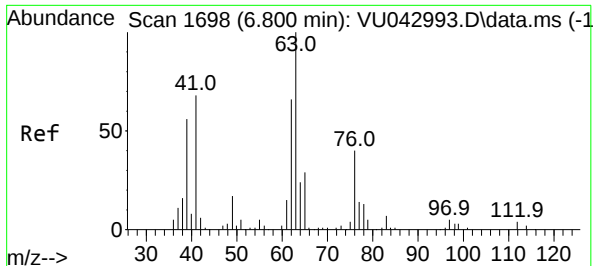


#43
Isopropyl Acetate
Concen: 2.86 ug/l
RT: 5.919 min Scan# 1424
Delta R.T. 0.003 min
Lab File: VU043006.D
Acq: 09 Apr 2021 16:41



Tgt Ion: 43 Resp: 13611
Ion Ratio Lower Upper
43 100
61 16.1 13.4 20.2
87 8.8 8.6 12.8

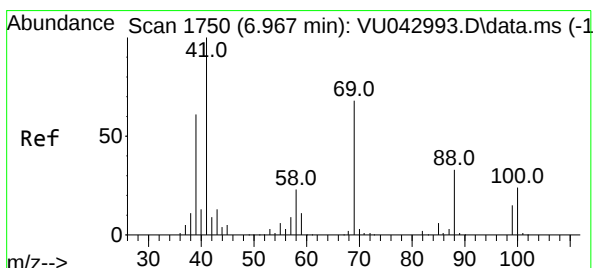
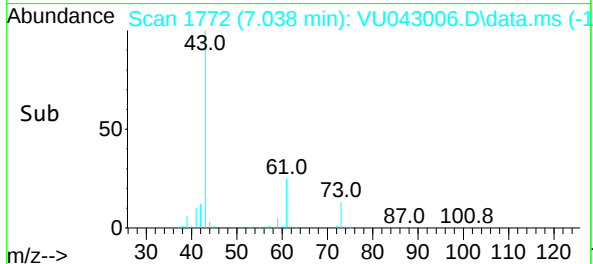
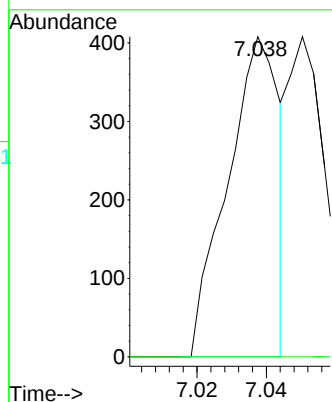
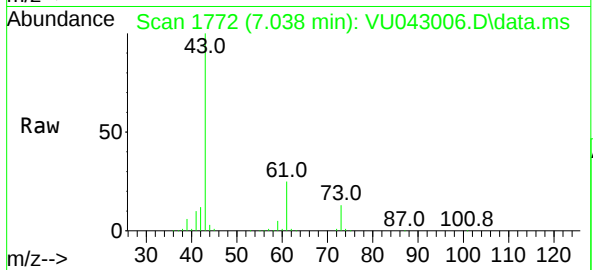




#45
1,2-Dichloropropane
Concen: 0.27 ug/l
RT: 7.038 min Scan# 1772
Delta R.T. 0.238 min
Lab File: VU043006.D
Acq: 09 Apr 2021 16:41

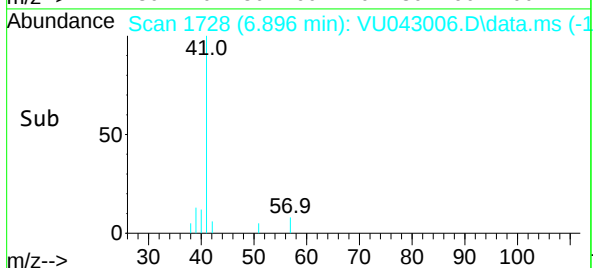
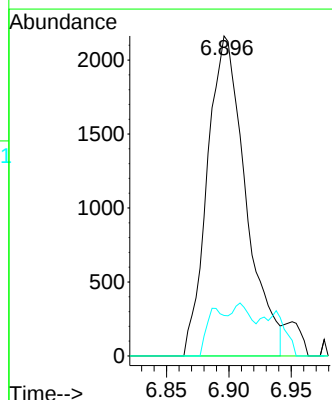
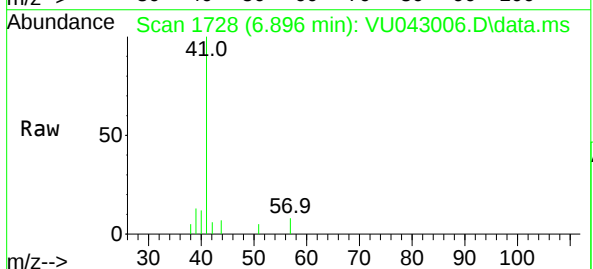
Instrument :
MSVOA_U
ClientSampleId :
TR2-C-BOTTOM

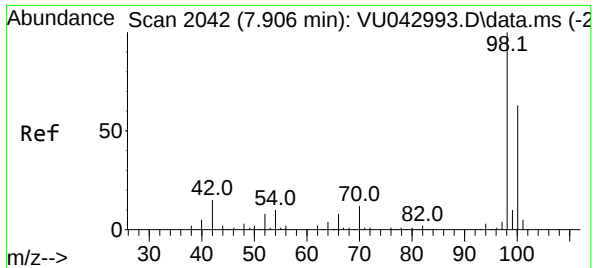
Tgt Ion: 63 Resp: 422
Ion Ratio Lower Upper
63 100
65 0.0 23.5 35.3#



#48
Methyl methacrylate
Concen: 1.91 ug/l
RT: 6.896 min Scan# 1728
Delta R.T. -0.071 min
Lab File: VU043006.D
Acq: 09 Apr 2021 16:41

Tgt Ion: 41 Resp: 4626
Ion Ratio Lower Upper
41 100
69 0.0 55.1 82.7#
39 0.0 50.0 75.0#

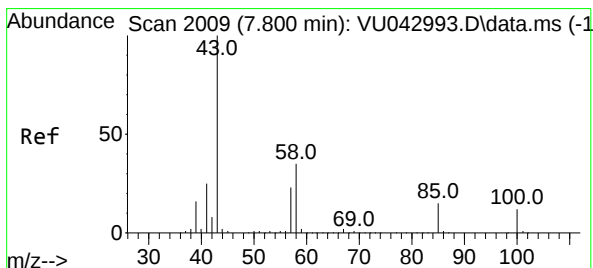
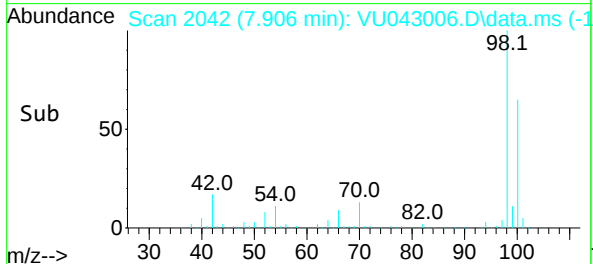
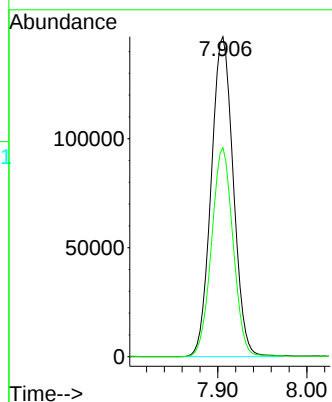
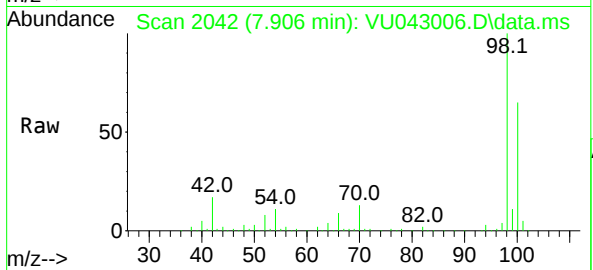




#50
Toluene-d8
Concen: 49.54 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.000 min
Lab File: VU043006.D
Acq: 09 Apr 2021 16:41

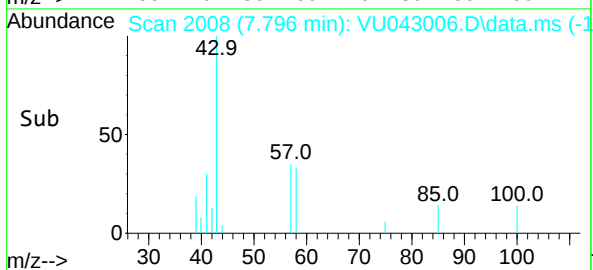
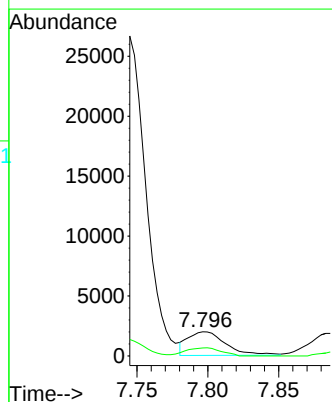
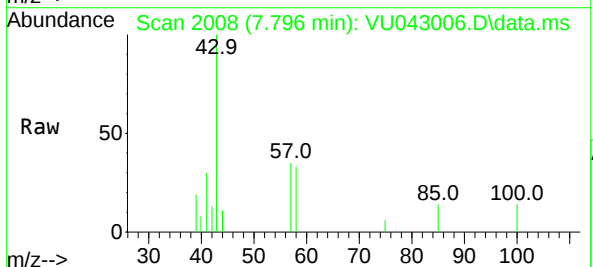
Instrument :
MSVOA_U
ClientSampleId :
TR2-C-BOTTOM

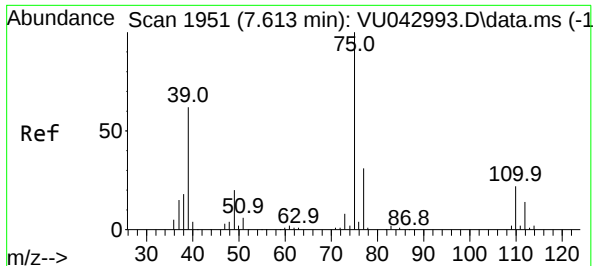
Tgt Ion: 98 Resp: 252707
Ion Ratio Lower Upper
98 100
100 63.5 49.9 74.9



#51
4-Methyl-2-Pentanone
Concen: 10.46 ug/l
RT: 7.796 min Scan# 2008
Delta R.T. -0.004 min
Lab File: VU043006.D
Acq: 09 Apr 2021 16:41

Tgt Ion: 43 Resp: 3691
Ion Ratio Lower Upper
43 100
58 31.9 27.7 41.5



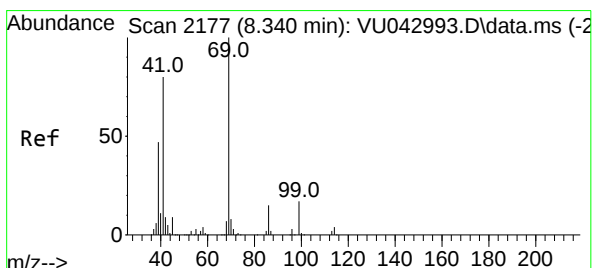
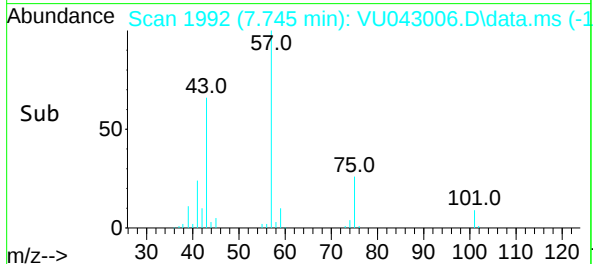
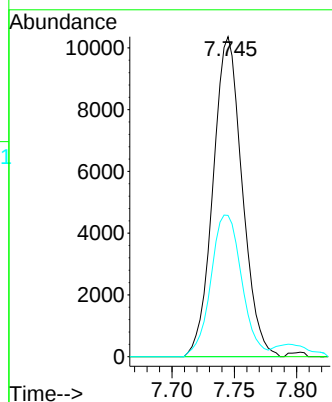
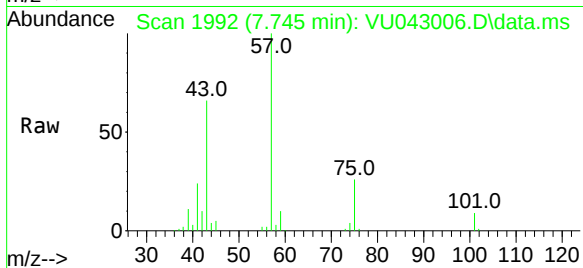


#54

cis-1,3-Dichloropropene
Concen: 7.62 ug/l
RT: 7.745 min Scan# 1992
Delta R.T. 0.132 min
Lab File: VU043006.D
Acq: 09 Apr 2021 16:41

Instrument :
MSVOA_U
ClientSampleId :
TR2-C-BOTTOM

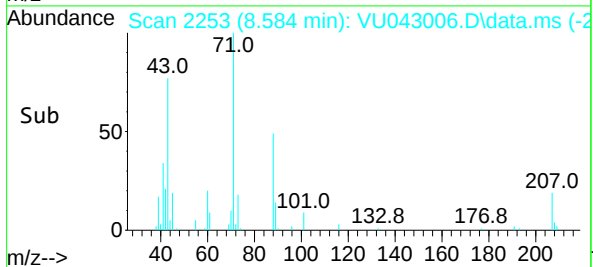
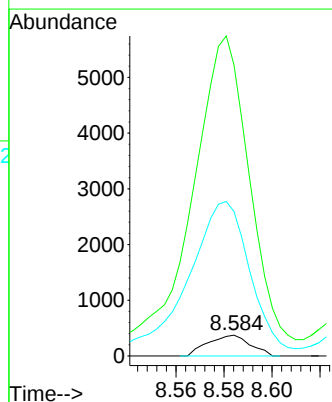
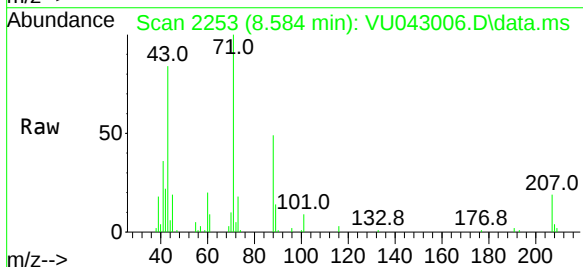
Tgt Ion: 75 Resp: 16868
Ion Ratio Lower Upper
75 100
77 0.0 24.6 36.8#
39 44.1 49.4 74.0#

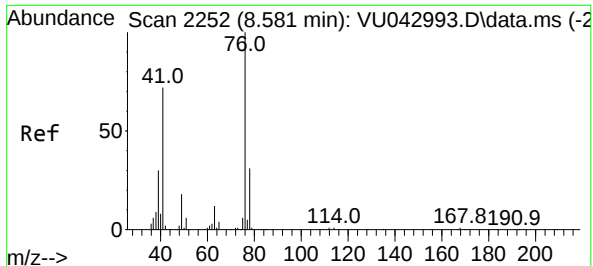


#56

Ethyl methacrylate
Concen: 2.73 ug/l
RT: 8.584 min Scan# 2253
Delta R.T. 0.244 min
Lab File: VU043006.D
Acq: 09 Apr 2021 16:41

Tgt Ion: 69 Resp: 458
Ion Ratio Lower Upper
69 100
41 2043.9 65.6 98.4#
39 1118.8 39.0 58.6#



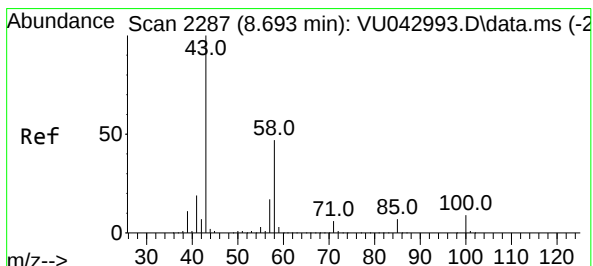
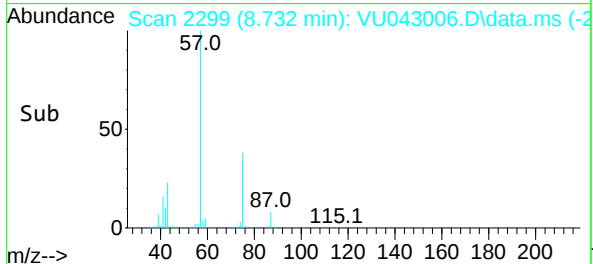
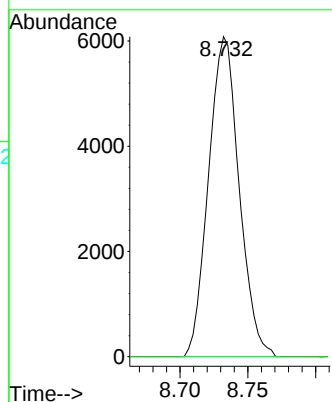
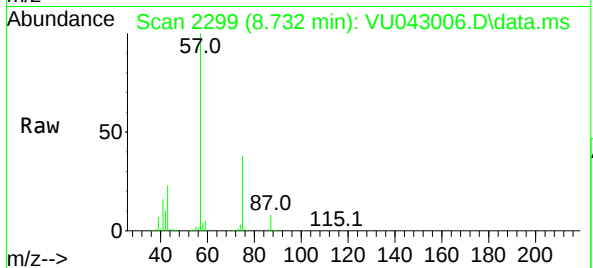


#57

1,3-Dichloropropane
Concen: 3.69 ug/l
RT: 8.732 min Scan# 2299
Delta R.T. 0.151 min
Lab File: VU043006.D
Acq: 09 Apr 2021 16:41

Instrument :
MSVOA_U
ClientSampleId :
TR2-C-BOTTOM

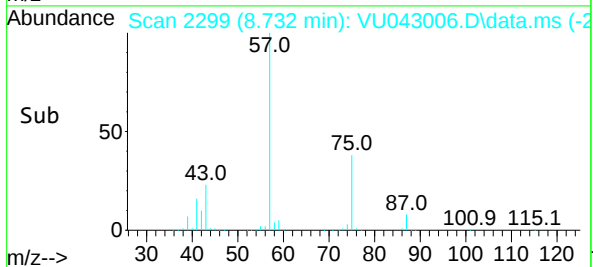
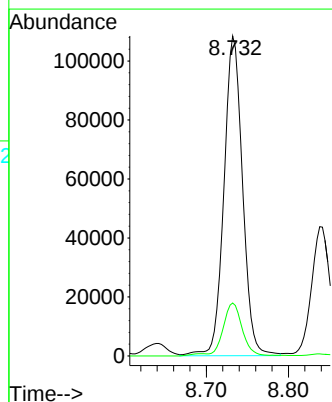
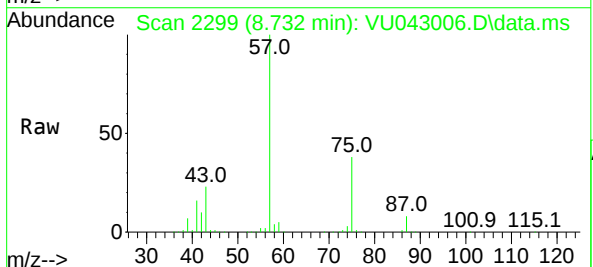
Tgt Ion: 76 Resp: 9555
Ion Ratio Lower Upper
76 100
78 0.0 25.4 38.2#

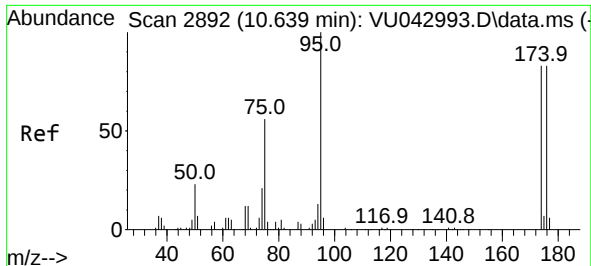


#59

2-Hexanone
Concen: 56.86 ug/l
RT: 8.732 min Scan# 2299
Delta R.T. 0.039 min
Lab File: VU043006.D
Acq: 09 Apr 2021 16:41

Tgt Ion: 43 Resp: 171148
Ion Ratio Lower Upper
43 100
58 16.4 23.7 71.1#

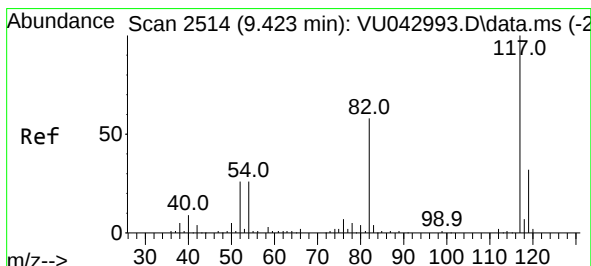
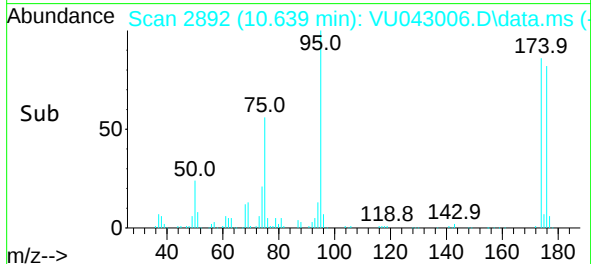
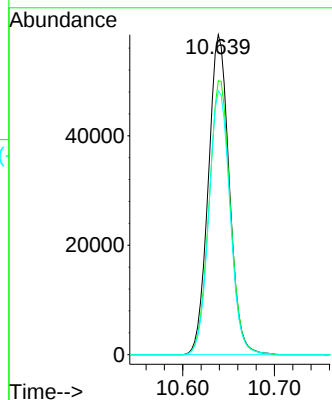
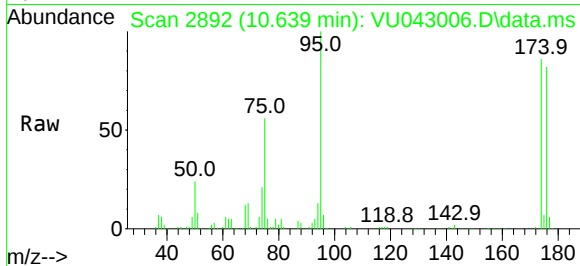




#62
4-Bromofluorobenzene
Concen: 44.63 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.000 min
Lab File: VU043006.D
Acq: 09 Apr 2021 16:41

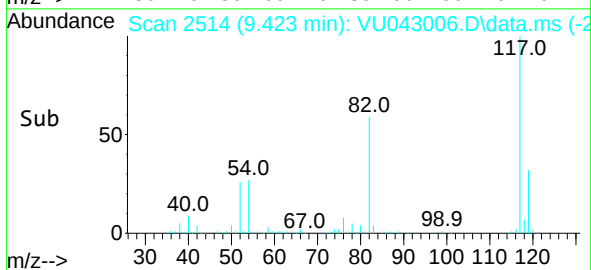
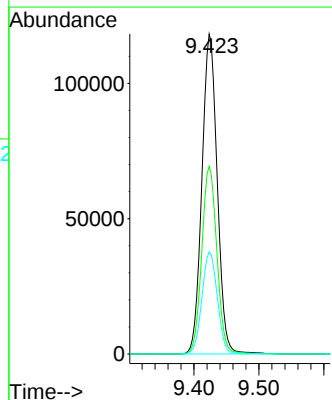
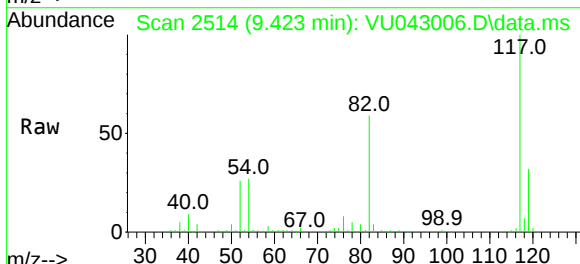
Instrument :
MSVOA_U
ClientSampleId :
TR2-C-BOTTOM

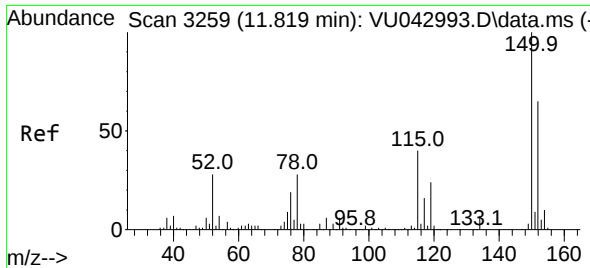
Tgt Ion:	95	Resp:	93006
Ion Ratio	Lower	Upper	
95	100		
174	87.0	0.0	168.8
176	83.5	0.0	164.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043006.D
Acq: 09 Apr 2021 16:41

Tgt Ion:	117	Resp:	194496
Ion Ratio	Lower	Upper	
117	100		
82	58.6	46.5	69.7
119	31.9	25.7	38.5

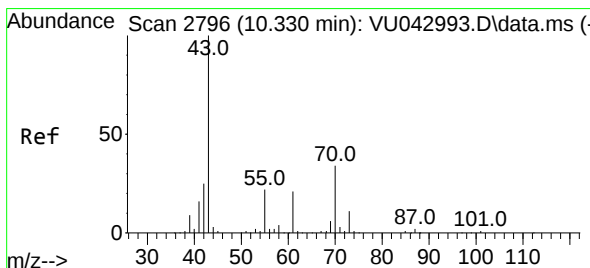
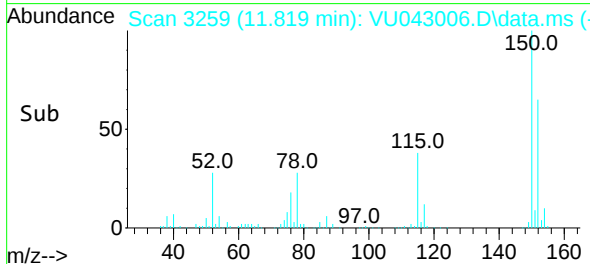
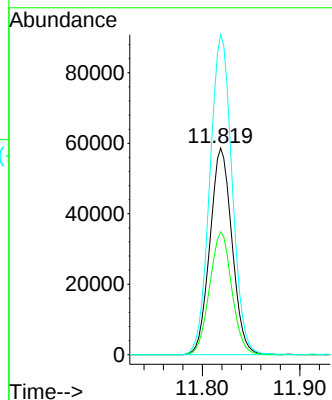
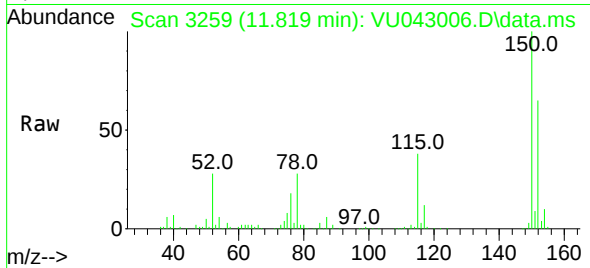




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043006.D
Acq: 09 Apr 2021 16:41

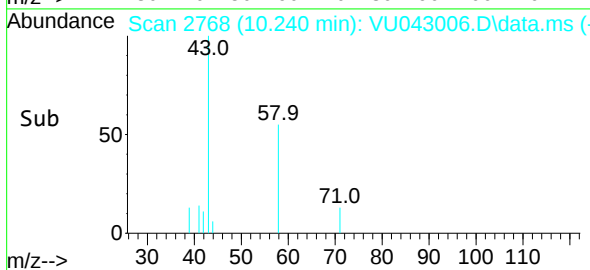
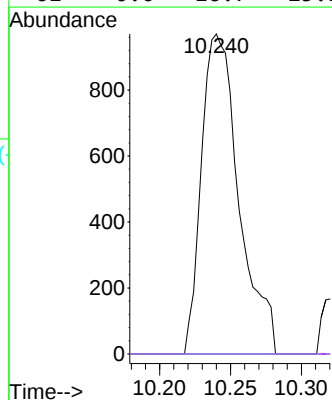
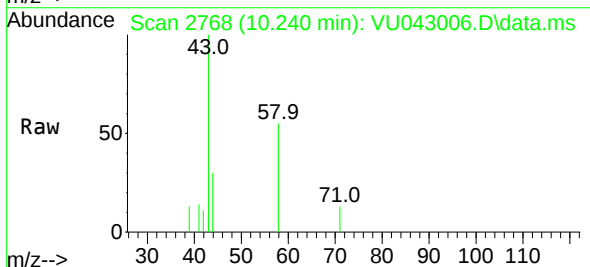
Instrument :
MSVOA_U
ClientSampleId :
TR2-C-BOTTOM

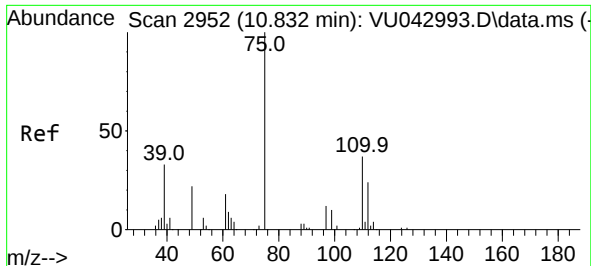
Tgt Ion:152 Resp: 92371
Ion Ratio Lower Upper
152 100
115 59.6 42.8 128.3
150 156.1 0.0 347.6



#74
N-ethyl acetate
Concen: 0.49 ug/l
RT: 10.240 min Scan# 2768
Delta R.T. -0.090 min
Lab File: VU043006.D
Acq: 09 Apr 2021 16:41

Tgt Ion: 43 Resp: 1787
Ion Ratio Lower Upper
43 100
70 0.0 27.4 41.0#
55 0.0 17.8 26.6#
61 0.0 16.7 25.1#

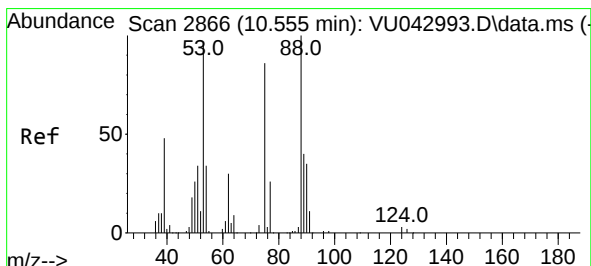
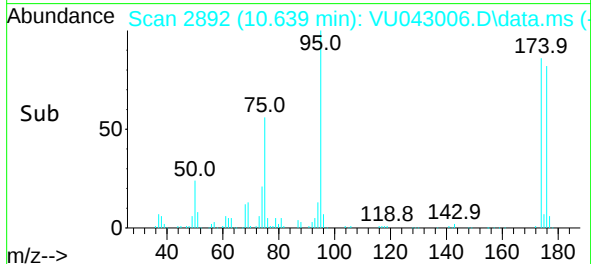
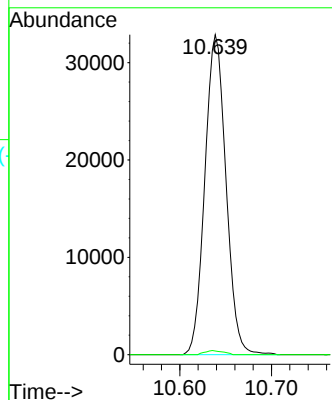
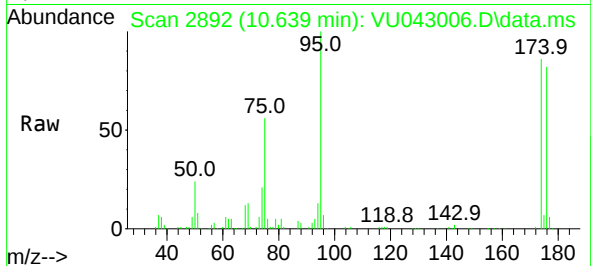




#76
1,2,3-Trichloropropane
Concen: 19.98 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU043006.D
Acq: 09 Apr 2021 16:41

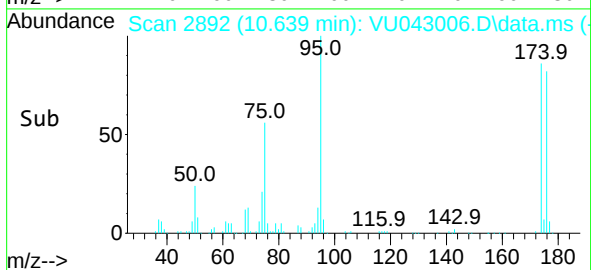
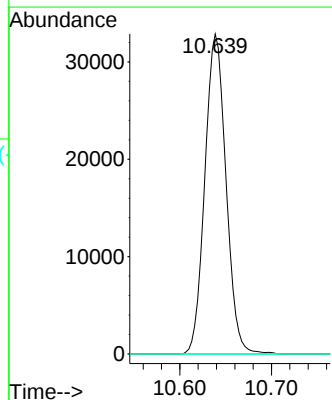
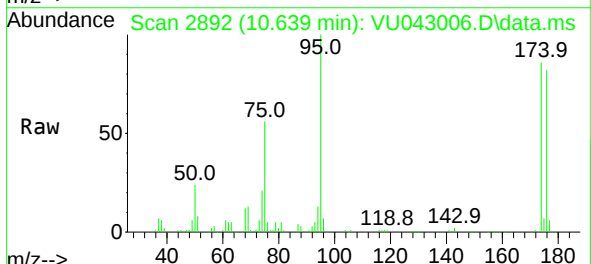
Instrument :
MSVOA_U
ClientSampleId :
TR2-C-BOTTOM

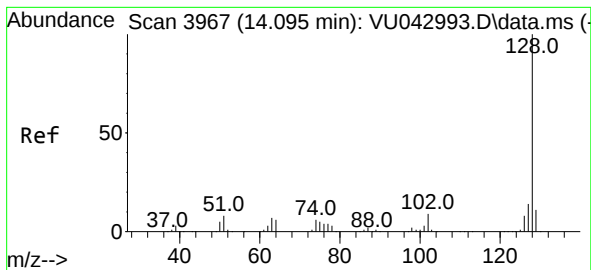
Tgt Ion: 75 Resp: 52640
Ion Ratio Lower Upper
75 100
77 1.1 18.2 54.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.52 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043006.D
Acq: 09 Apr 2021 16:41

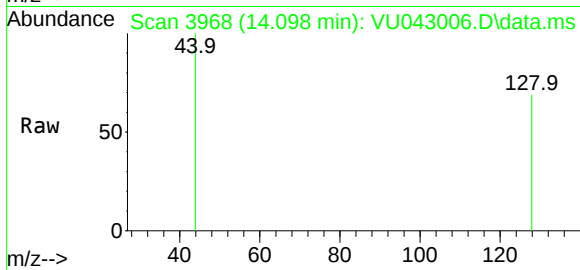
Tgt Ion: 75 Resp: 52640
Ion Ratio Lower Upper
75 100
53 0.0 91.1 136.7#
89 0.0 37.1 55.7#





#95
Naphthalene
Concen: 3.26 ug/l
RT: 14.098 min Scan# 3968
Delta R.T. 0.003 min
Lab File: VU043006.D
Acq: 09 Apr 2021 16:41

Instrument :
MSVOA_U
ClientSampleId :
TR2-C-BOTTOM



Tgt Ion:128 Resp: 365
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.7 13.1#

