

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022221\
 Data File : VU042406.D
 Acq On : 22 Feb 2021 19:29
 Operator : SY/MD
 Sample : PB134750ZHE#05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 23 01:06:10 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U021721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 19 02:55:52 2021
 Response via : Initial Calibration

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

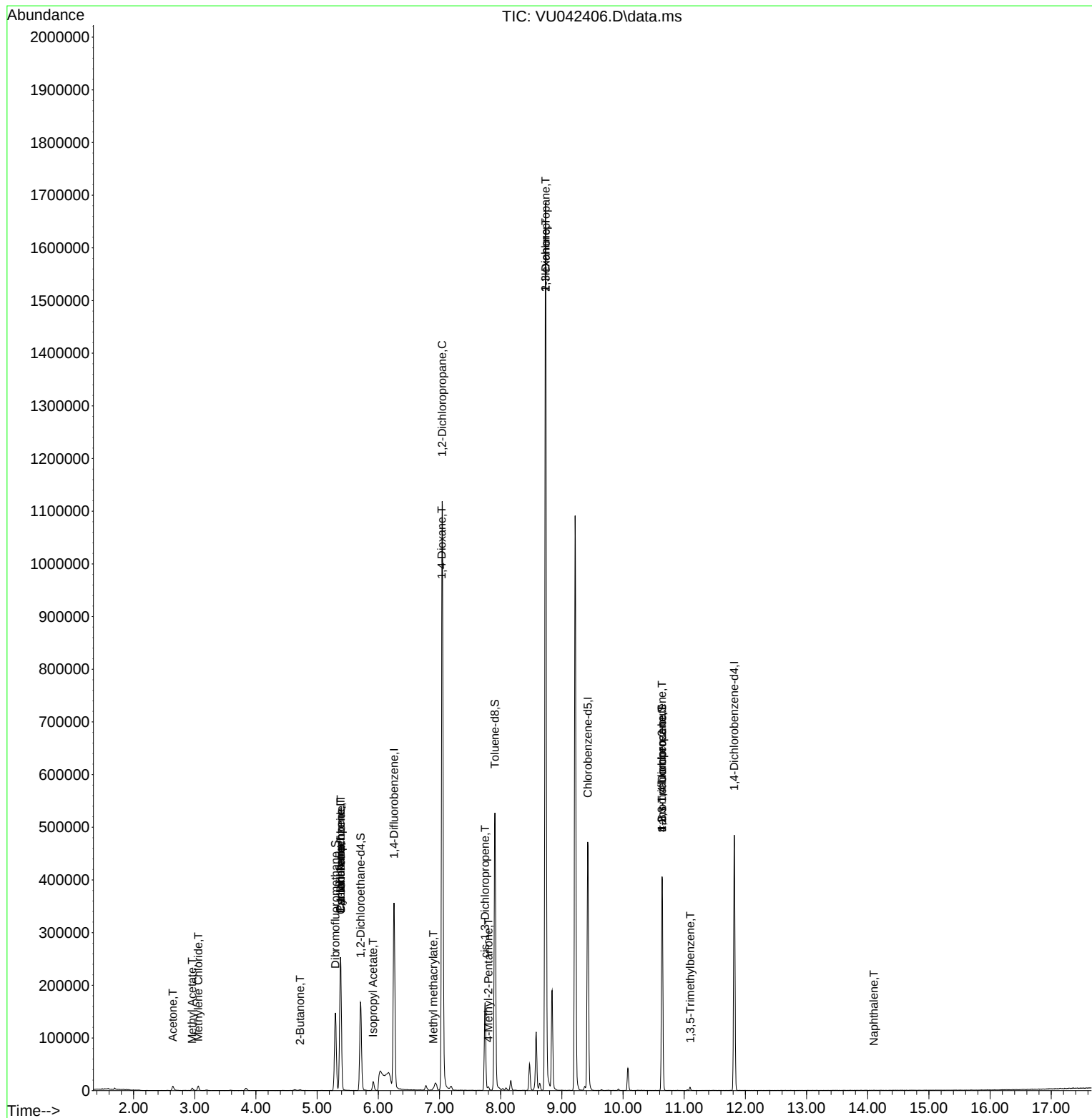
Internal Standards						
1) Pentafluorobenzene	5.382	168	181244	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	274392	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	249496	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	120883	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	131983	48.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.04%	
35) Dibromofluoromethane	5.298	113	93727	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.78%	
50) Toluene-d8	7.906	98	336318	48.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.98%	
62) 4-Bromofluorobenzene	10.639	95	124177	45.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.84%	
Target Compounds						
					Qvalue	
16) Acetone	2.642	43	11998	7.04	ug/l	100
18) Methyl Acetate	2.957	43	6839	2.21	ug/l #	88
20) Methylene Chloride	3.060	84	3784	1.93	ug/l	92
25) 2-Butanone	4.719	43	2905	1.28	ug/l	99
31) Cyclohexane	5.382	56	4041	1.12	ug/l #	22
36) 1,1-Dichloropropene	5.382	75	14125	5.21	ug/l #	50
38) Carbon Tetrachloride	5.385	117	17605	6.07	ug/l #	16
43) Isopropyl Acetate	5.915	43	19831	3.20	ug/l	96
45) 1,2-Dichloropropane	7.044	63	1131	0.53	ug/l #	43
48) Methyl methacrylate	6.899	41	6381	2.08	ug/l #	17
49) 1,4-Dioxane	7.038	88	20	0.34	ug/l #	1
51) 4-Methyl-2-Pentanone	7.800	43	5071	1.21	ug/l	91
54) cis-1,3-Dichloropropene	7.745	75	26393	7.81	ug/l #	62
57) 1,3-Dichloropropane	8.735	76	15611	4.57	ug/l #	43
59) 2-Hexanone	8.735	43	271719	81.06	ug/l #	53
76) 1,2,3-Trichloropropane	10.639	75	68282	22.84	ug/l #	36
80) 1,3,5-Trimethylbenzene	11.099	105	3623	0.52	ug/l	93
81) trans-1,4-Dichloro-2-b...	10.639	75	68282	62.11	ug/l #	7
95) Naphthalene	14.102	128	127	2.23	ug/l #	69

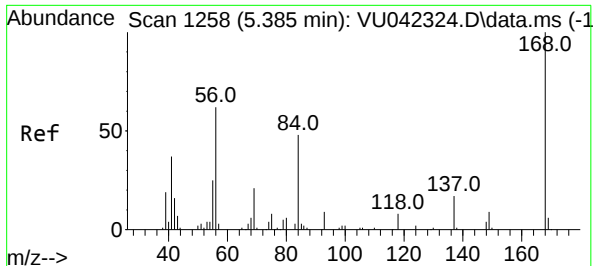
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022221\
Data File : VU042406.D
Acq On : 22 Feb 2021 19:29
Operator : SY/MD
Sample : PB134750ZHE#05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Feb 23 01:06:10 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U021721W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 19 02:55:52 2021
Response via : Initial Calibration

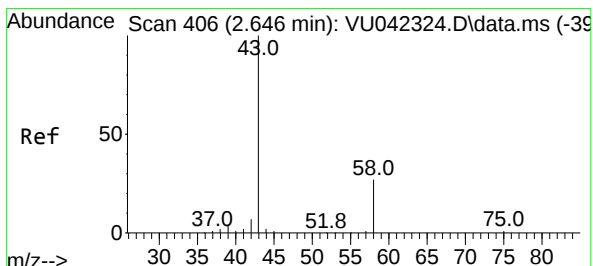
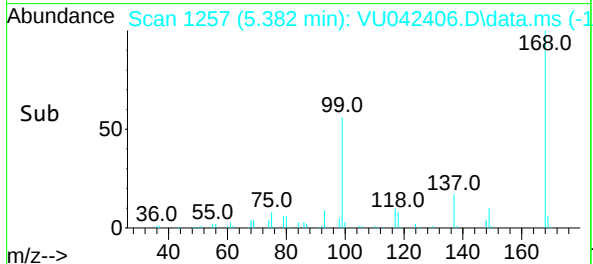
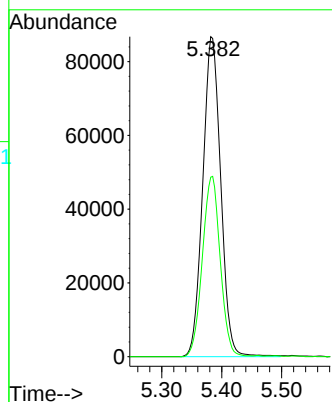
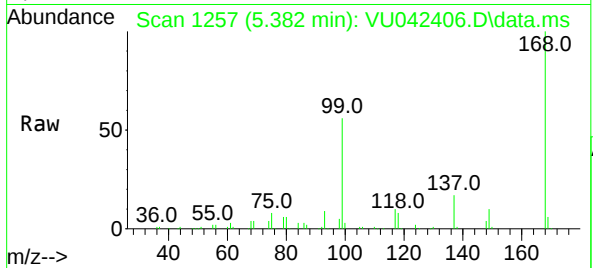




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VU042406.D
Acq: 22 Feb 2021 19:29

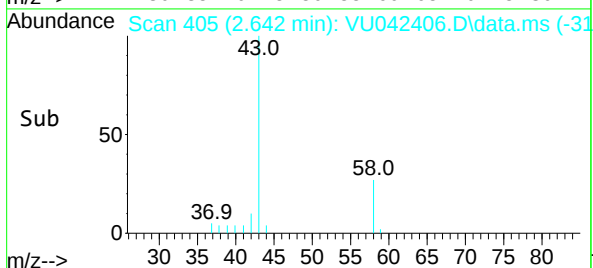
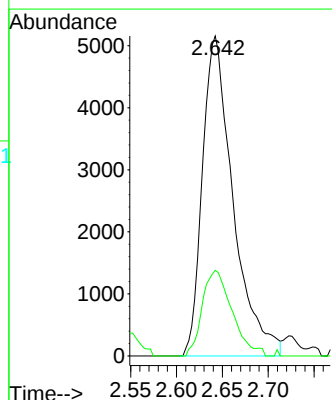
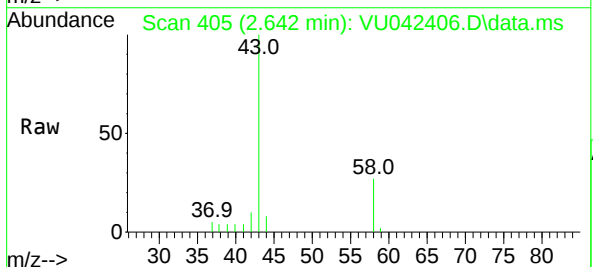
Instrument :
MSVOA_U
ClientSampled :

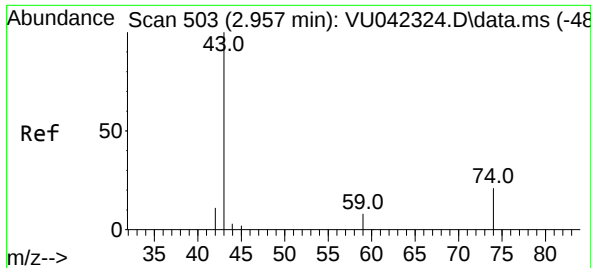
Tgt Ion:168 Resp: 181244
Ion Ratio Lower Upper
168 100
99 56.1 45.0 67.4



#16
Acetone
Concen: 7.04 ug/l
RT: 2.642 min Scan# 405
Delta R.T. -0.003 min
Lab File: VU042406.D
Acq: 22 Feb 2021 19:29

Tgt Ion: 43 Resp: 11998
Ion Ratio Lower Upper
43 100
58 26.7 21.5 32.3

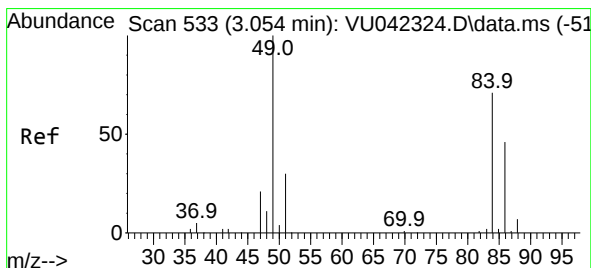
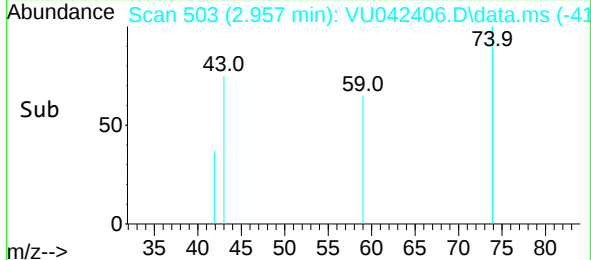
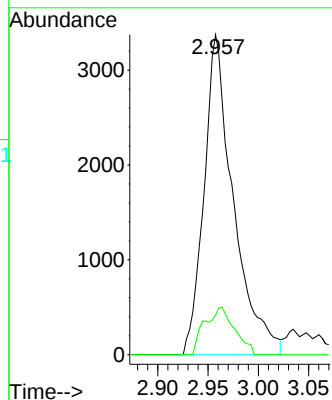
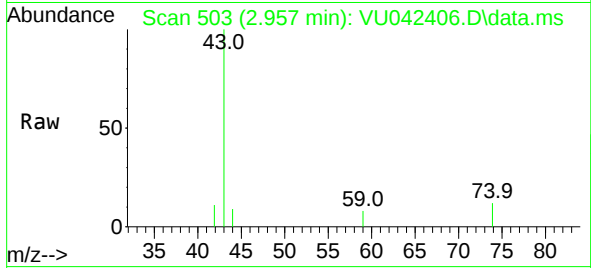




#18
Methyl Acetate
Concen: 2.21 ug/l
RT: 2.957 min Scan# 503
Delta R.T. -0.000 min
Lab File: VU042406.D
Acq: 22 Feb 2021 19:29

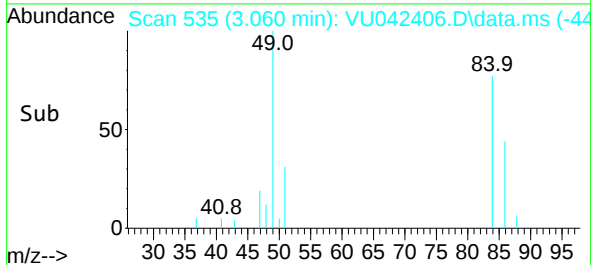
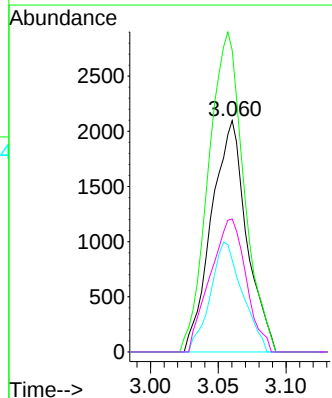
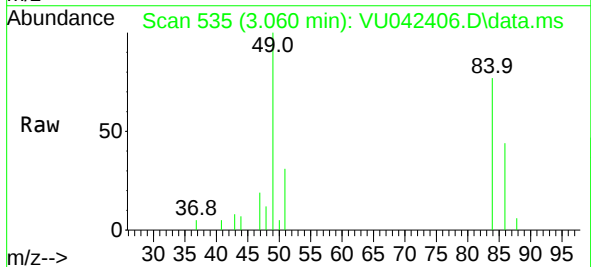
Instrument :
MSVOA_U
ClientSampled :

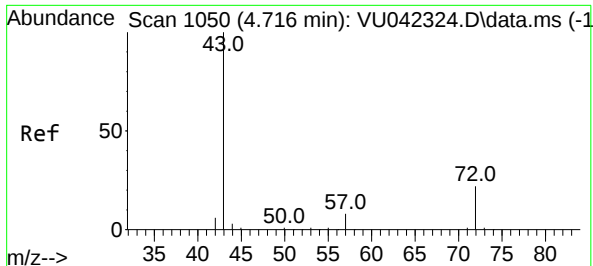
Tgt Ion: 43 Resp: 6839
Ion Ratio Lower Upper
43 100
74 15.1 16.6 25.0#



#20
Methylene Chloride
Concen: 1.93 ug/l
RT: 3.060 min Scan# 535
Delta R.T. 0.006 min
Lab File: VU042406.D
Acq: 22 Feb 2021 19:29

Tgt Ion: 84 Resp: 3784
Ion Ratio Lower Upper
84 100
49 130.4 112.6 169.0
51 39.8 33.7 50.5
86 57.5 51.7 77.5

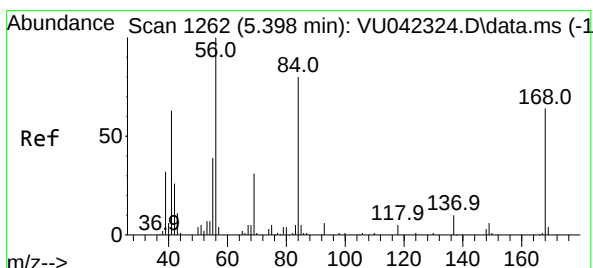
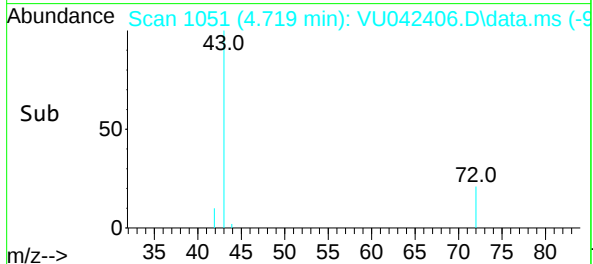
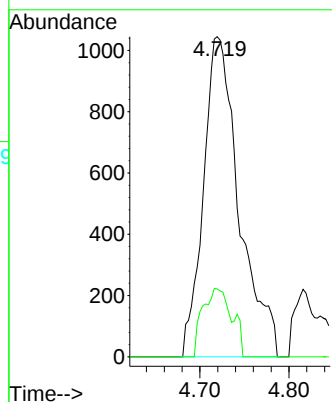
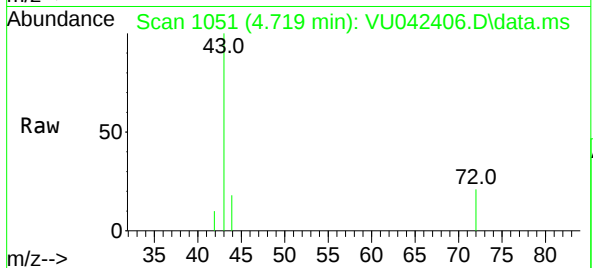




#25
2-Butanone
Concen: 1.28 ug/l
RT: 4.719 min Scan# 1051
Delta R.T. 0.003 min
Lab File: VU042406.D
Acq: 22 Feb 2021 19:29

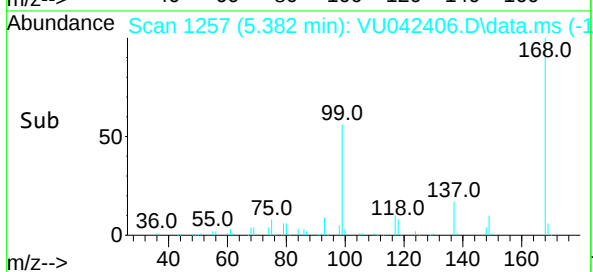
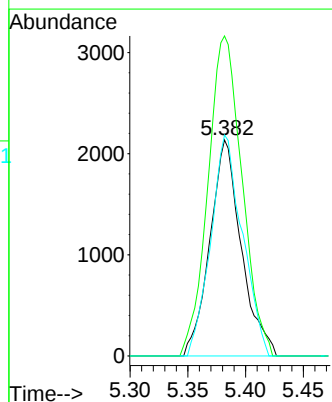
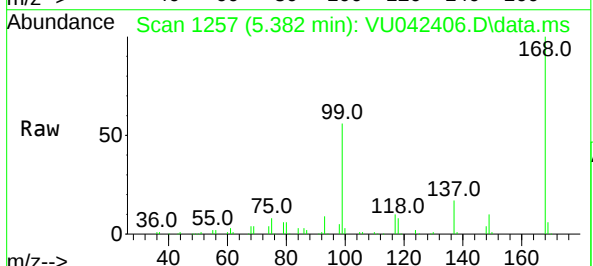
Instrument :
MSVOA_U
ClientSampled :

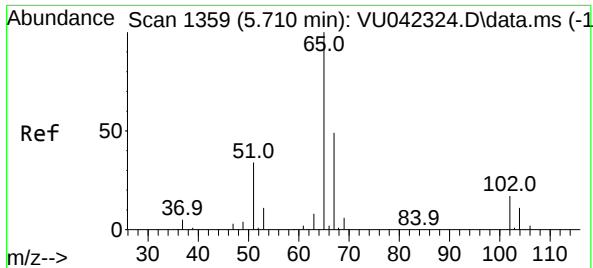
Tgt Ion: 43 Resp: 2905
Ion Ratio Lower Upper
43 100
72 21.2 17.4 26.0



#31
Cyclohexane
Concen: 1.12 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.016 min
Lab File: VU042406.D
Acq: 22 Feb 2021 19:29

Tgt Ion: 56 Resp: 4041
Ion Ratio Lower Upper
56 100
69 148.2 24.9 37.3#
84 102.3 63.7 95.5#

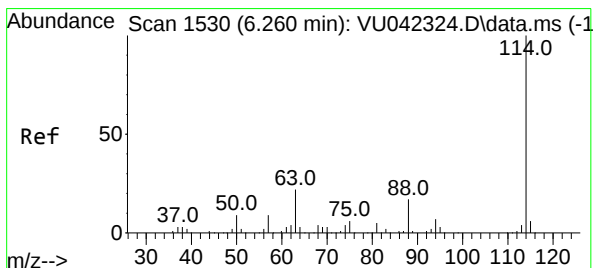
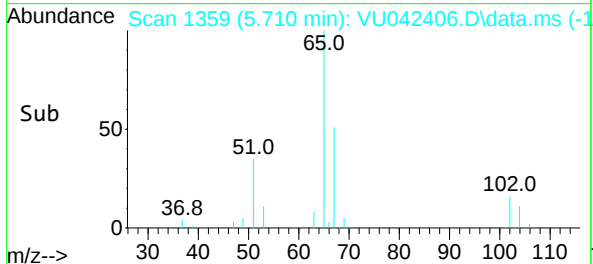
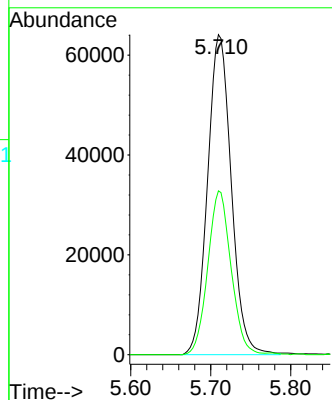
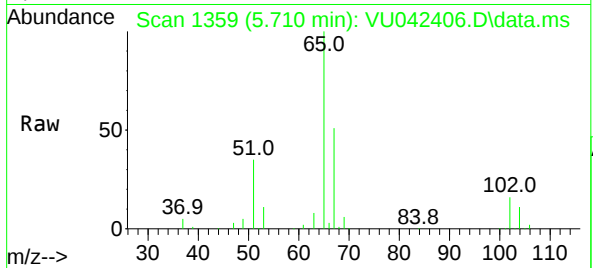




#33
 1,2-Dichloroethane-d4
 Concen: 48.02 ug/l
 RT: 5.710 min Scan# 1359
 Delta R.T. -0.000 min
 Lab File: VU042406.D
 Acq: 22 Feb 2021 19:29

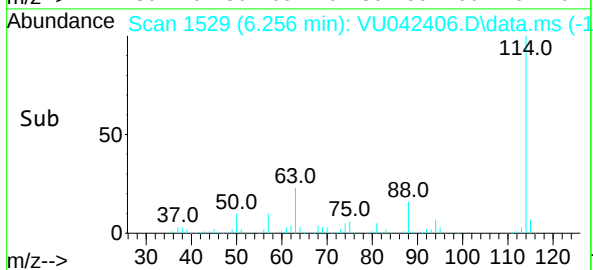
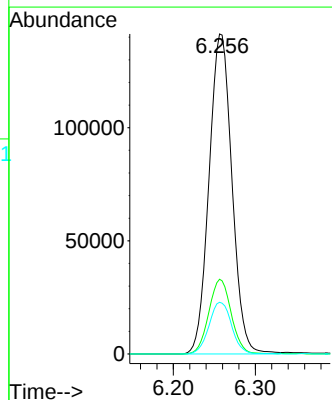
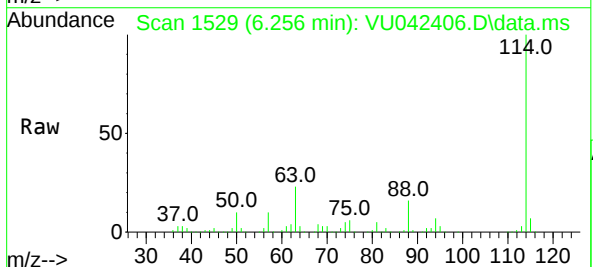
Instrument :
 MSVOA_U
 ClientSampled :

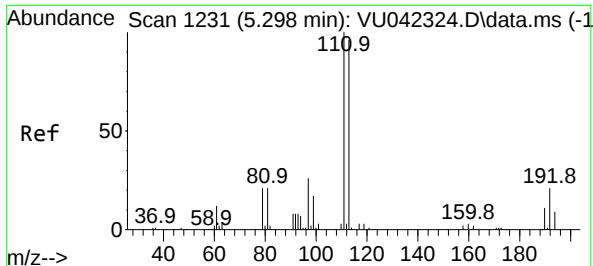
Tgt Ion: 65 Resp: 131983
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.256 min Scan# 1529
 Delta R.T. -0.003 min
 Lab File: VU042406.D
 Acq: 22 Feb 2021 19:29

Tgt Ion: 114 Resp: 274392
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 44.2
 88 16.1 0.0 33.4

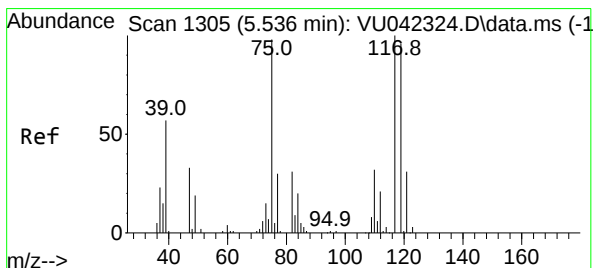
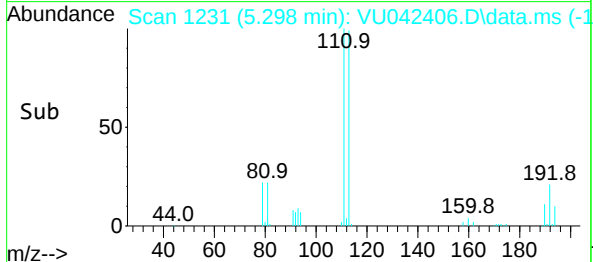
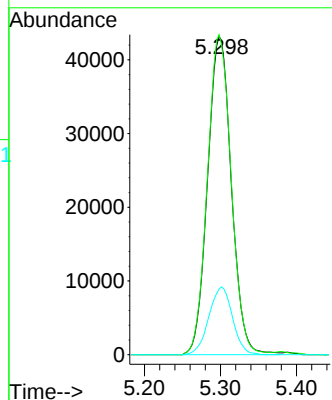
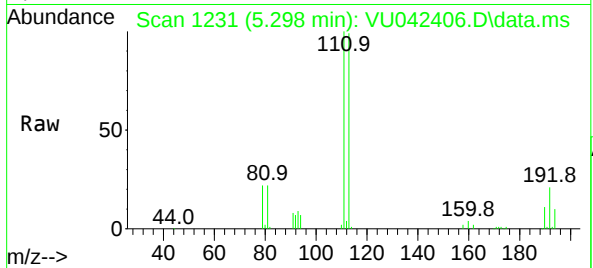




#35
Dibromofluoromethane
Concen: 48.39 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU042406.D
Acq: 22 Feb 2021 19:29

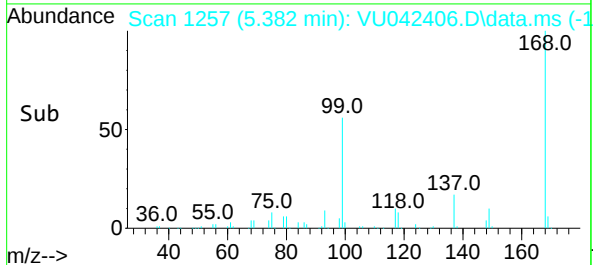
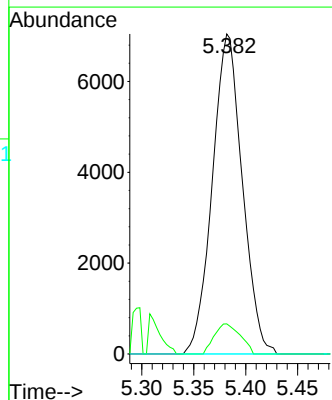
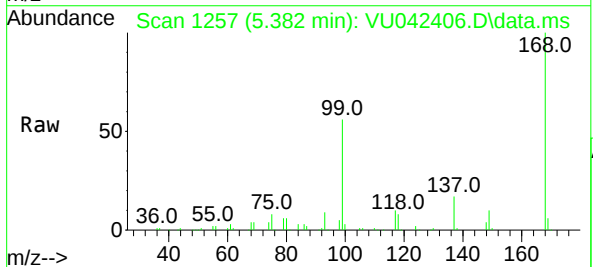
Instrument :
MSVOA_U
ClientSampled :

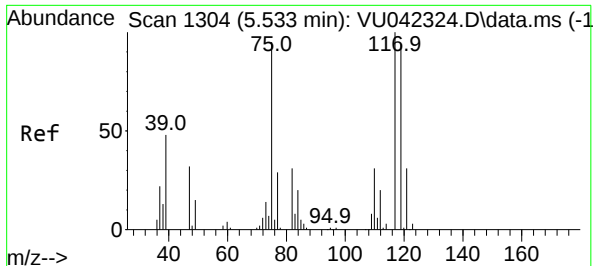
Tgt Ion:113 Resp: 93727
Ion Ratio Lower Upper
113 100
111 100.6 81.8 122.8
192 21.2 17.2 25.8



#36
1,1-Dichloropropene
Concen: 5.21 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.154 min
Lab File: VU042406.D
Acq: 22 Feb 2021 19:29

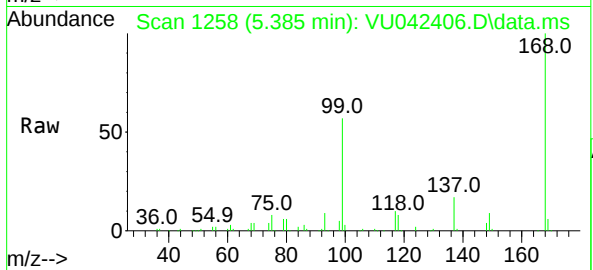
Tgt Ion: 75 Resp: 14125
Ion Ratio Lower Upper
75 100
110 8.1 16.8 50.3#
77 0.0 24.8 37.2#



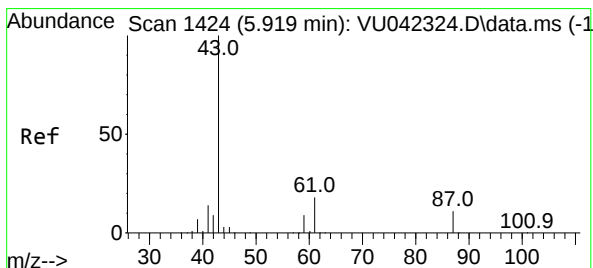
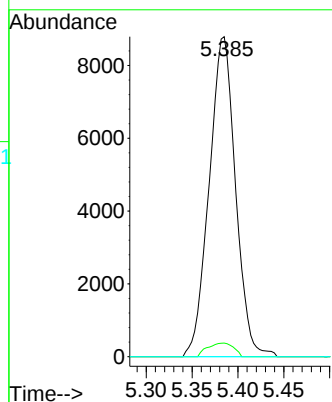
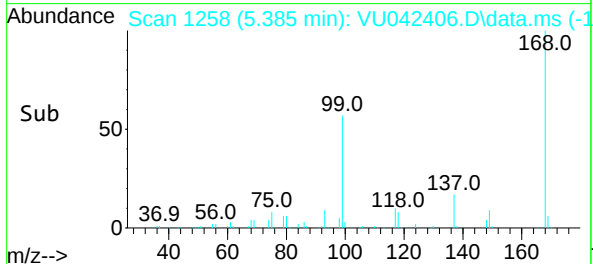


#38
Carbon Tetrachloride
Concen: 6.07 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.148 min
Lab File: VU042406.D
Acq: 22 Feb 2021 19:29

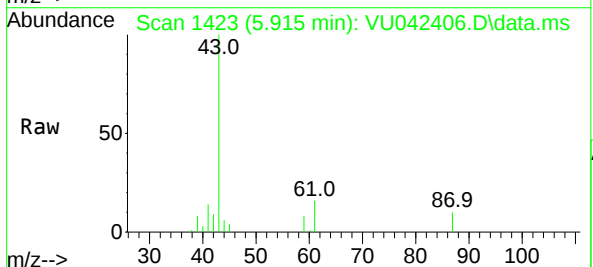
Instrument :
MSVOA_U
ClientSampleId :



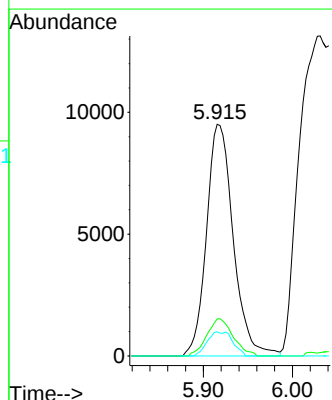
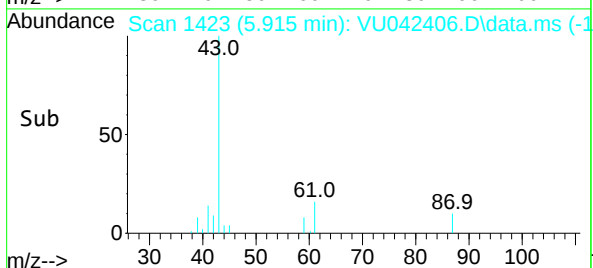
Tgt Ion:117 Resp: 17605
Ion Ratio Lower Upper
117 100
119 4.2 75.5 113.3#
121 0.0 24.7 37.1#

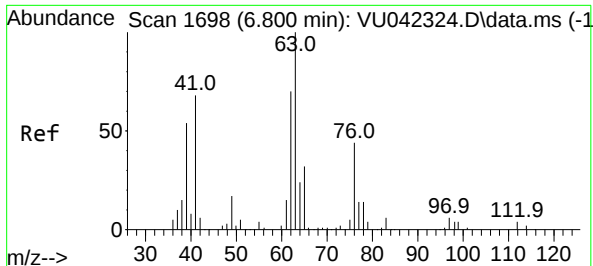


#43
Isopropyl Acetate
Concen: 3.20 ug/l
RT: 5.915 min Scan# 1423
Delta R.T. -0.003 min
Lab File: VU042406.D
Acq: 22 Feb 2021 19:29



Tgt Ion: 43 Resp: 19831
Ion Ratio Lower Upper
43 100
61 15.8 14.4 21.6
87 9.9 8.8 13.2

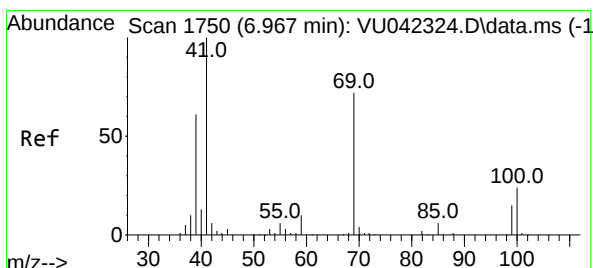
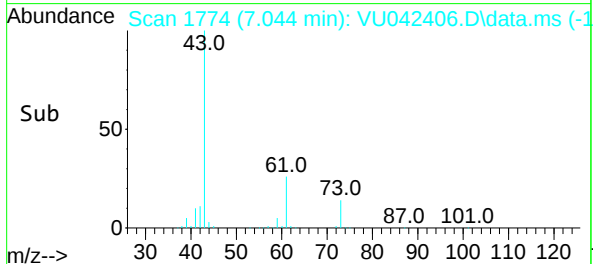
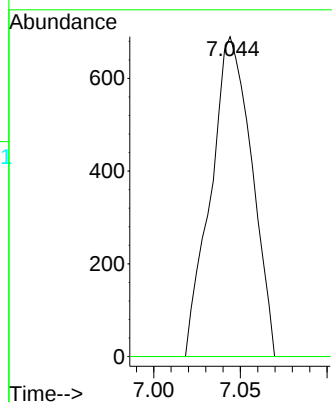
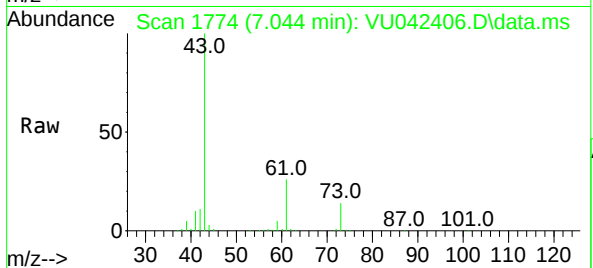




#45
1,2-Dichloropropane
Concen: 0.53 ug/l
RT: 7.044 min Scan# 1774
Delta R.T. 0.244 min
Lab File: VU042406.D
Acq: 22 Feb 2021 19:29

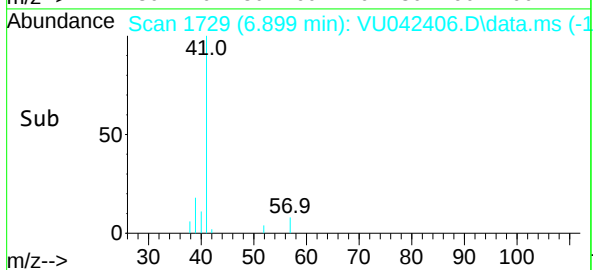
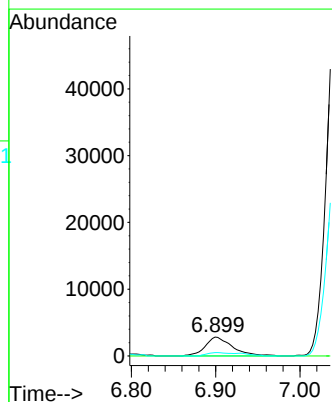
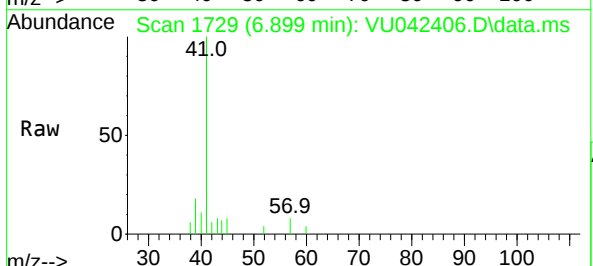
Instrument :
MSVOA_U
ClientSampled :

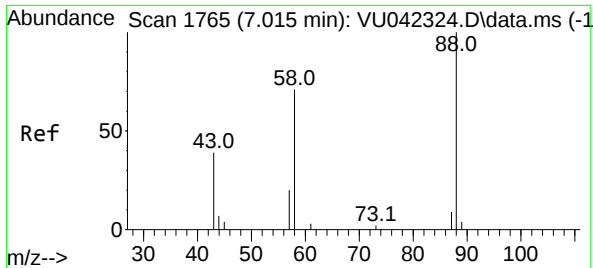
Tgt Ion: 63 Resp: 1131
Ion Ratio Lower Upper
63 100
65 0.0 25.4 38.2#



#48
Methyl methacrylate
Concen: 2.08 ug/l
RT: 6.899 min Scan# 1729
Delta R.T. -0.068 min
Lab File: VU042406.D
Acq: 22 Feb 2021 19:29

Tgt Ion: 41 Resp: 6381
Ion Ratio Lower Upper
41 100
69 0.0 57.0 85.6#
39 0.0 48.4 72.6#

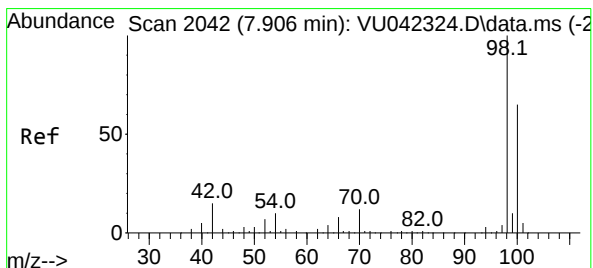
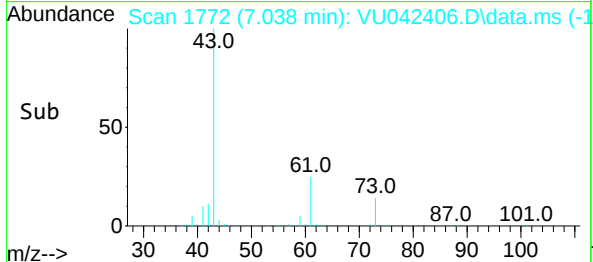
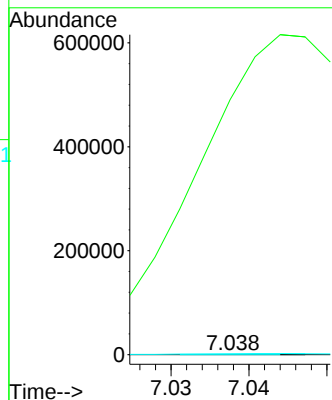
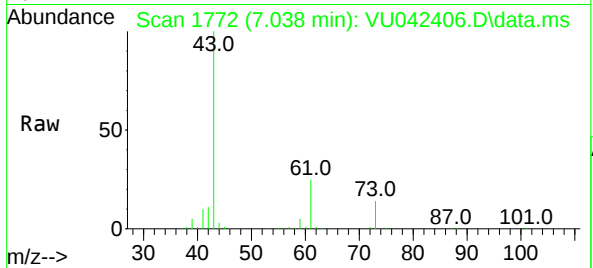




#49
1,4-Dioxane
Concen: 0.34 ug/l
RT: 7.038 min Scan# 1772
Delta R.T. 0.022 min
Lab File: VU042406.D
Acq: 22 Feb 2021 19:29

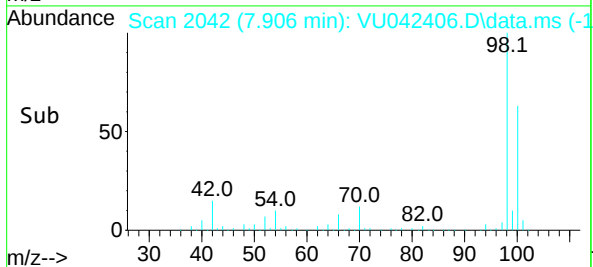
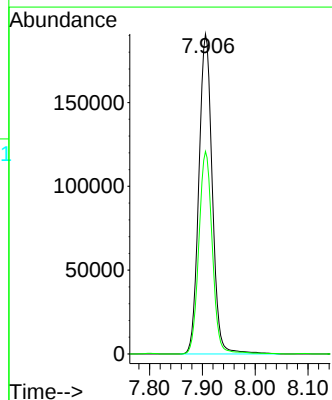
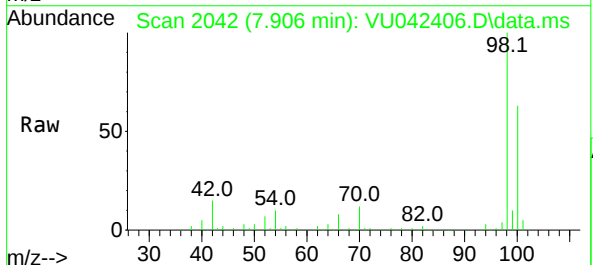
Instrument :
MSVOA_U
ClientSampled :

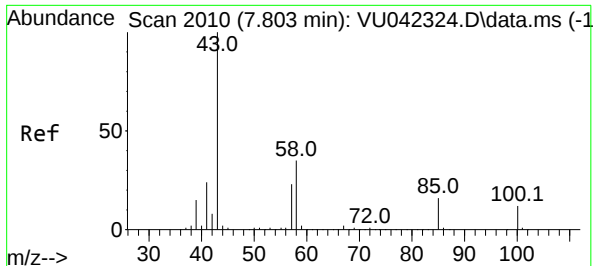
Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 5552045.0 0.0 0.0#
58 19650.0 60.4 90.6#



#50
Toluene-d8
Concen: 48.49 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042406.D
Acq: 22 Feb 2021 19:29

Tgt Ion: 98 Resp: 336318
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2

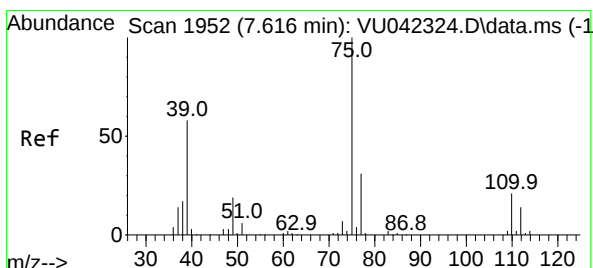
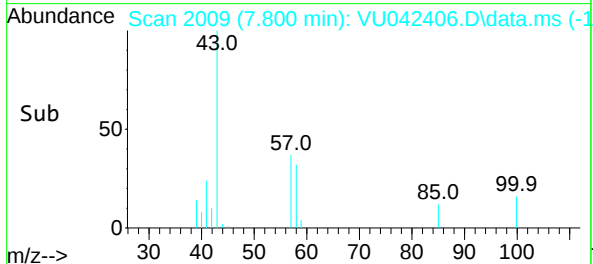
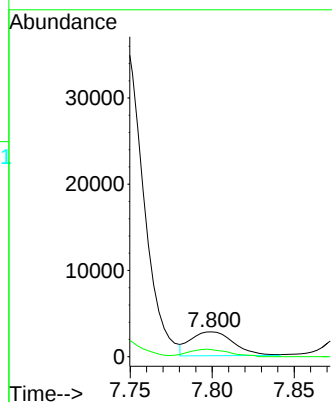
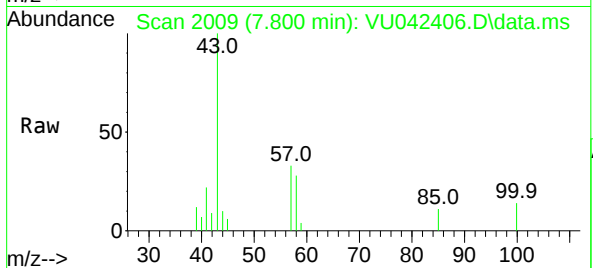




#51
4-Methyl-2-Pentanone
Concen: 1.21 ug/l
RT: 7.800 min Scan# 2009
Delta R.T. -0.003 min
Lab File: VU042406.D
Acq: 22 Feb 2021 19:29

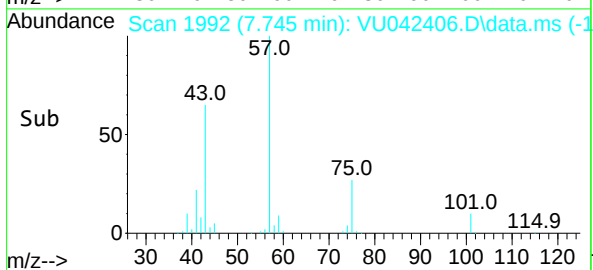
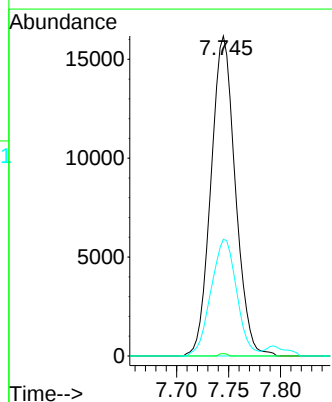
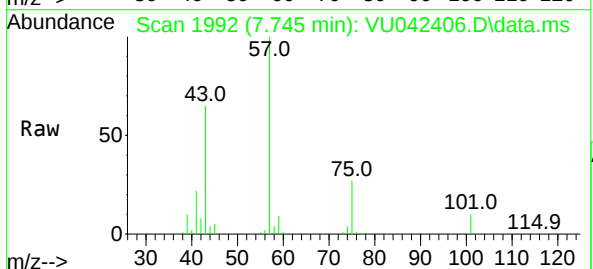
Instrument :
MSVOA_U
ClientSampled :

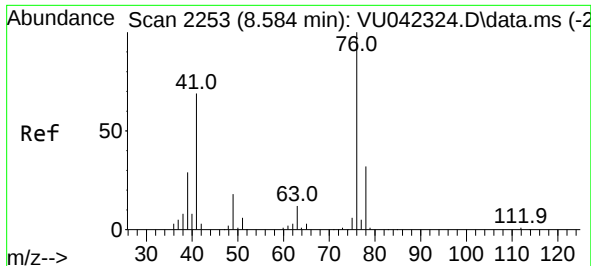
Tgt Ion: 43 Resp: 5071
Ion Ratio Lower Upper
43 100
58 29.6 28.1 42.1



#54
cis-1,3-Dichloropropene
Concen: 7.81 ug/l
RT: 7.745 min Scan# 1992
Delta R.T. 0.128 min
Lab File: VU042406.D
Acq: 22 Feb 2021 19:29

Tgt Ion: 75 Resp: 26393
Ion Ratio Lower Upper
75 100
77 0.7 24.6 37.0#
39 36.5 46.1 69.1#



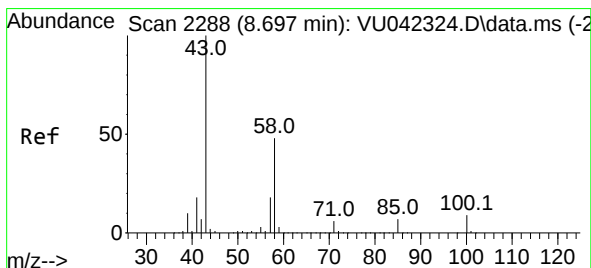
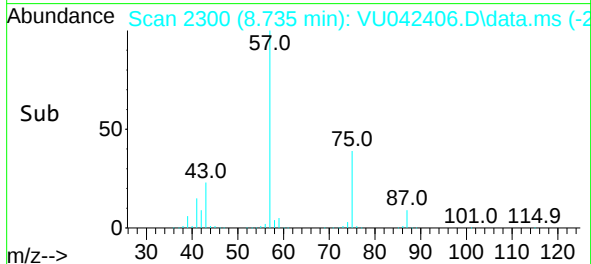
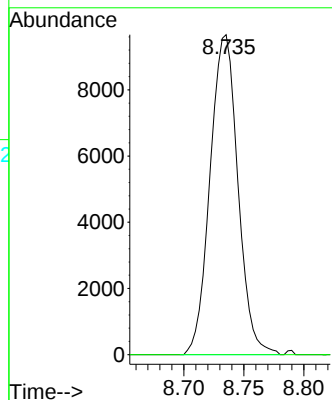
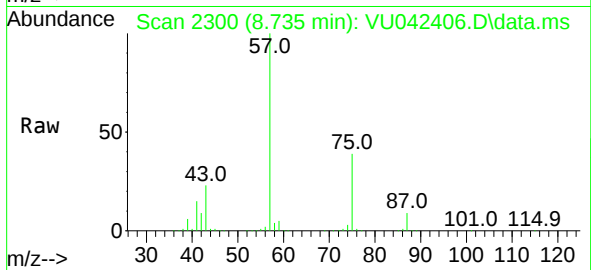


#57

1,3-Dichloropropane
Concen: 4.57 ug/l
RT: 8.735 min Scan# 2300
Delta R.T. 0.151 min
Lab File: VU042406.D
Acq: 22 Feb 2021 19:29

Instrument :
MSVOA_U
ClientSampled :

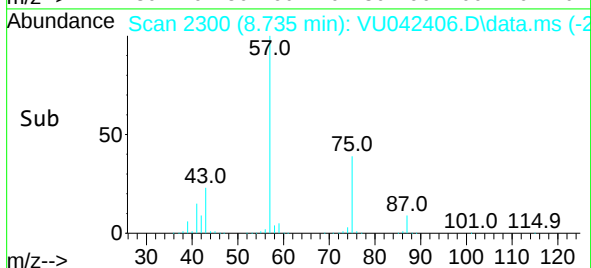
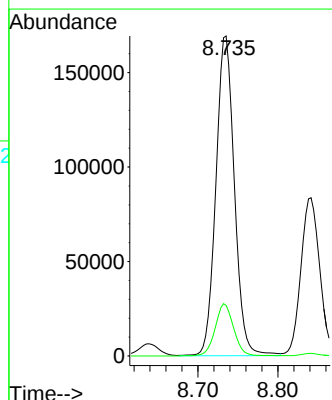
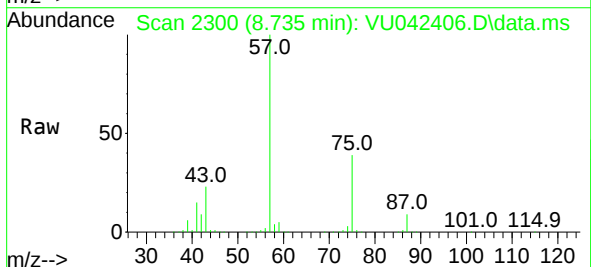
Tgt Ion: 76 Resp: 15611
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#

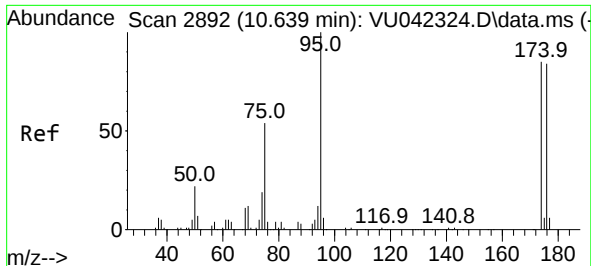


#59

2-Hexanone
Concen: 81.06 ug/l
RT: 8.735 min Scan# 2300
Delta R.T. 0.038 min
Lab File: VU042406.D
Acq: 22 Feb 2021 19:29

Tgt Ion: 43 Resp: 271719
Ion Ratio Lower Upper
43 100
58 16.4 24.0 72.0#

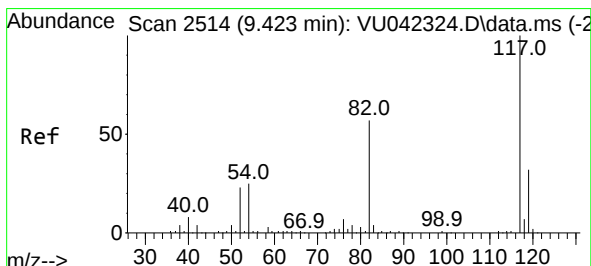
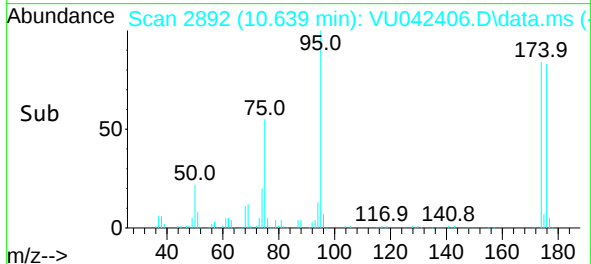
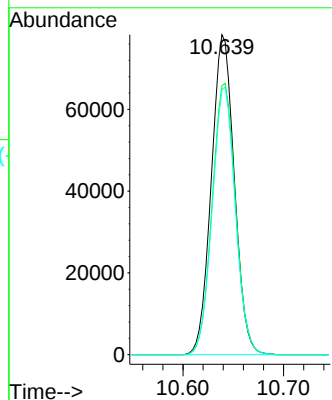
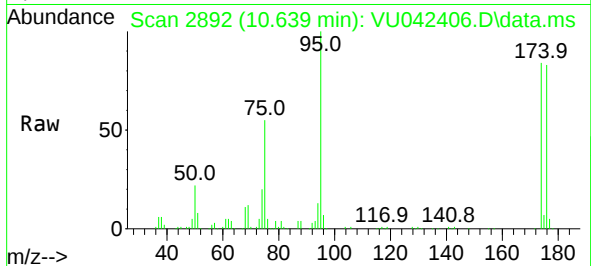




#62
4-Bromofluorobenzene
Concen: 45.42 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU042406.D
Acq: 22 Feb 2021 19:29

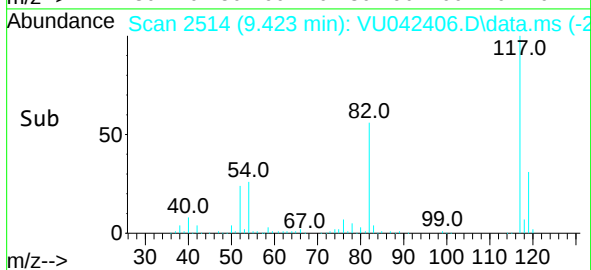
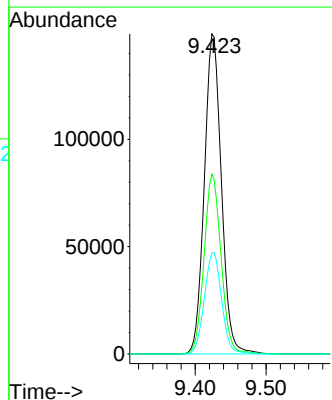
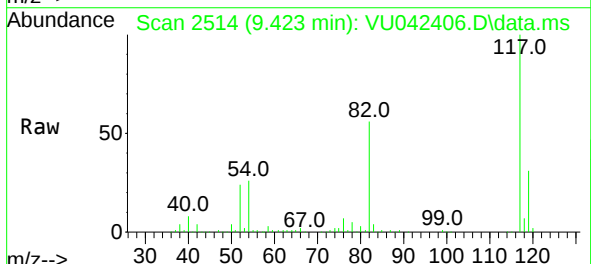
Instrument :
MSVOA_U
ClientSampleId :

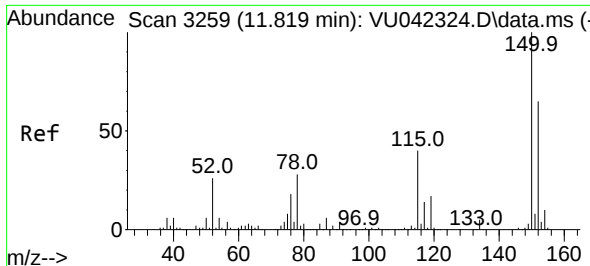
Tgt Ion: 95 Resp: 124177
Ion Ratio Lower Upper
95 100
174 86.7 0.0 172.2
176 84.1 0.0 168.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.000 min
Lab File: VU042406.D
Acq: 22 Feb 2021 19:29

Tgt Ion: 117 Resp: 249496
Ion Ratio Lower Upper
117 100
82 56.2 45.8 68.6
119 31.4 25.8 38.8

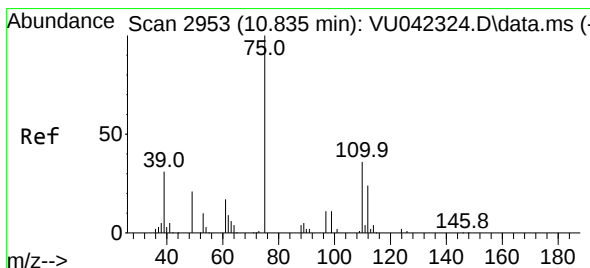
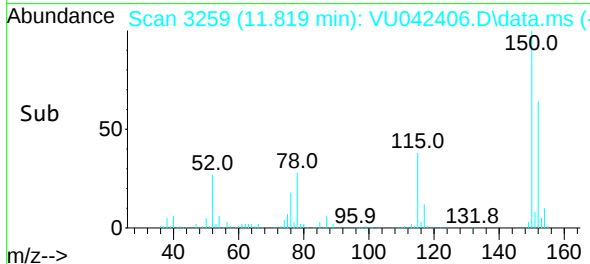
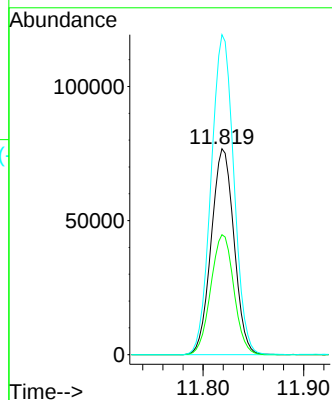
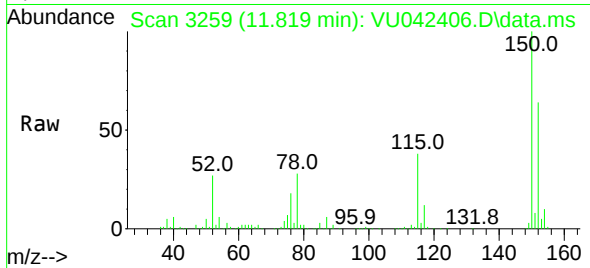




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU042406.D
 Acq: 22 Feb 2021 19:29

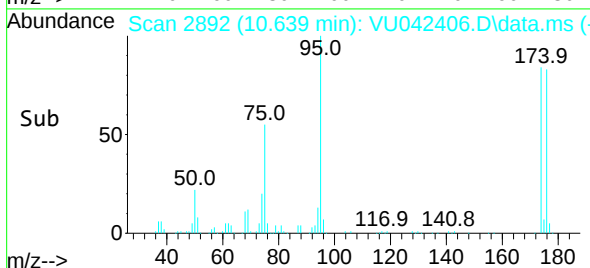
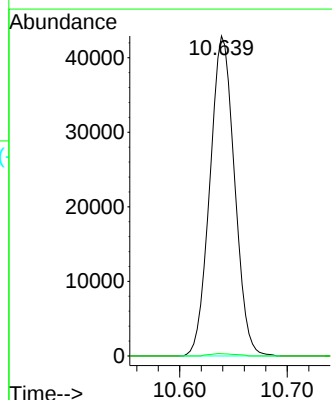
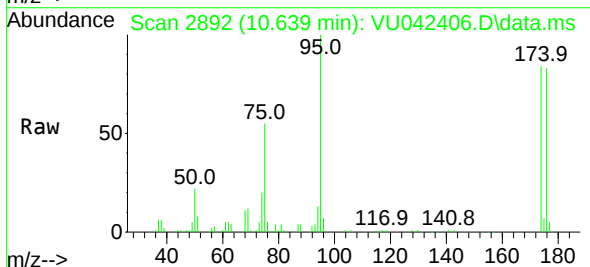
Instrument :
 MSVOA_U
 ClientSampled :

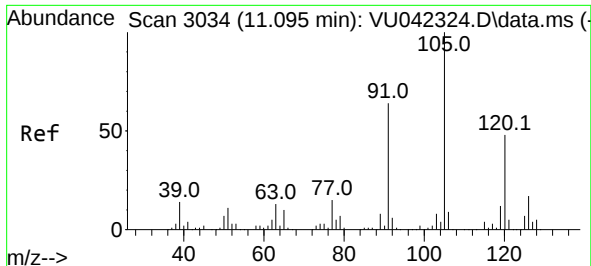
Tgt Ion:152 Resp: 120883
 Ion Ratio Lower Upper
 152 100
 115 59.0 41.5 124.6
 150 155.4 0.0 342.4



#76
 1,2,3-Trichloropropane
 Concen: 22.84 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.196 min
 Lab File: VU042406.D
 Acq: 22 Feb 2021 19:29

Tgt Ion: 75 Resp: 68282
 Ion Ratio Lower Upper
 75 100
 77 0.8 20.2 60.5#

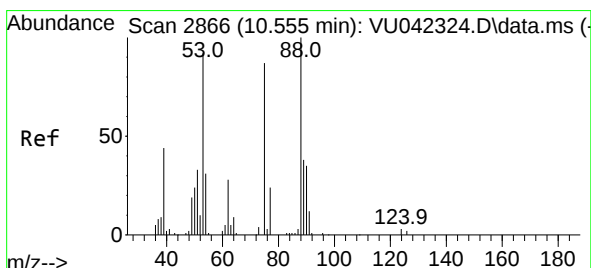
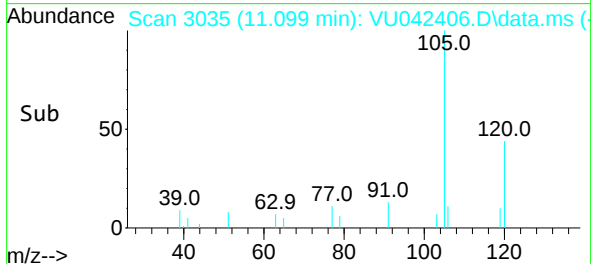
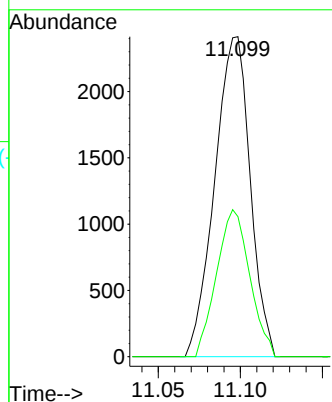
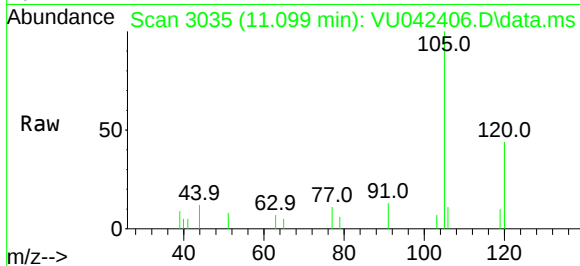




#80
1,3,5-Trimethylbenzene
Concen: 0.52 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.003 min
Lab File: VU042406.D
Acq: 22 Feb 2021 19:29

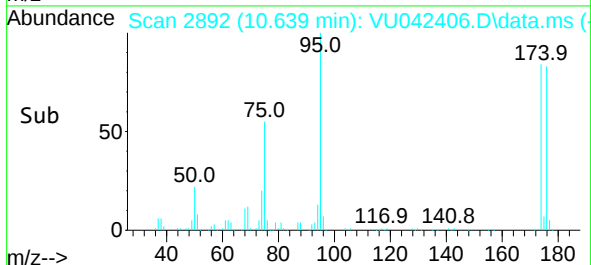
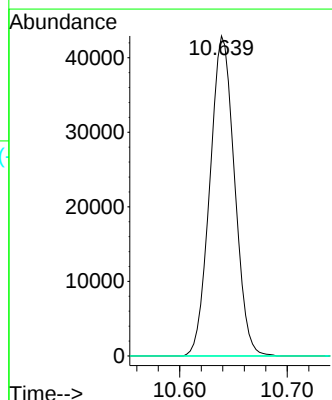
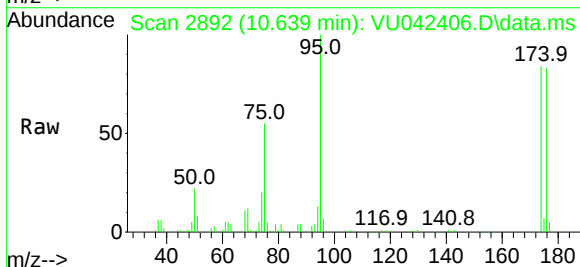
Instrument :
MSVOA_U
ClientSampled :

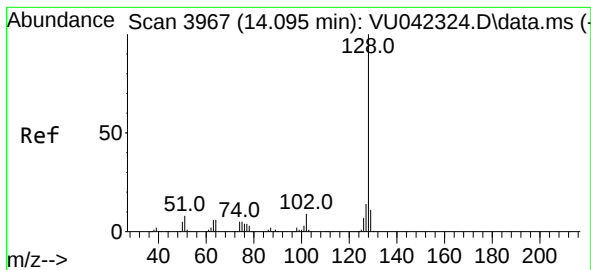
Tgt Ion:105 Resp: 3623
Ion Ratio Lower Upper
105 100
120 43.0 23.8 71.4



#81
trans-1,4-Dichloro-2-butene
Concen: 62.11 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.083 min
Lab File: VU042406.D
Acq: 22 Feb 2021 19:29

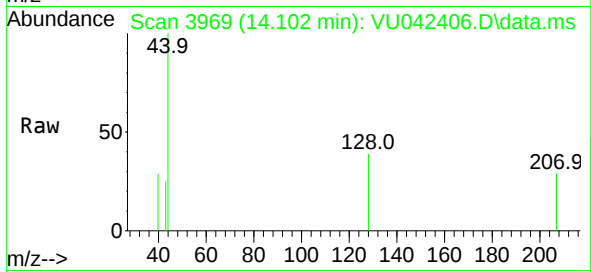
Tgt Ion: 75 Resp: 68282
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#





#95
Naphthalene
Concen: 2.23 ug/l
RT: 14.102 min Scan# 3969
Delta R.T. 0.007 min
Lab File: VU042406.D
Acq: 22 Feb 2021 19:29

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	128	Resp:	127
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.8	16.2#
129	0.0	8.6	13.0#

