

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022221\
 Data File : VU042408.D
 Acq On : 22 Feb 2021 20:15
 Operator : SY/MD
 Sample : PB134750ZHE#07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 23 01:06:42 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)

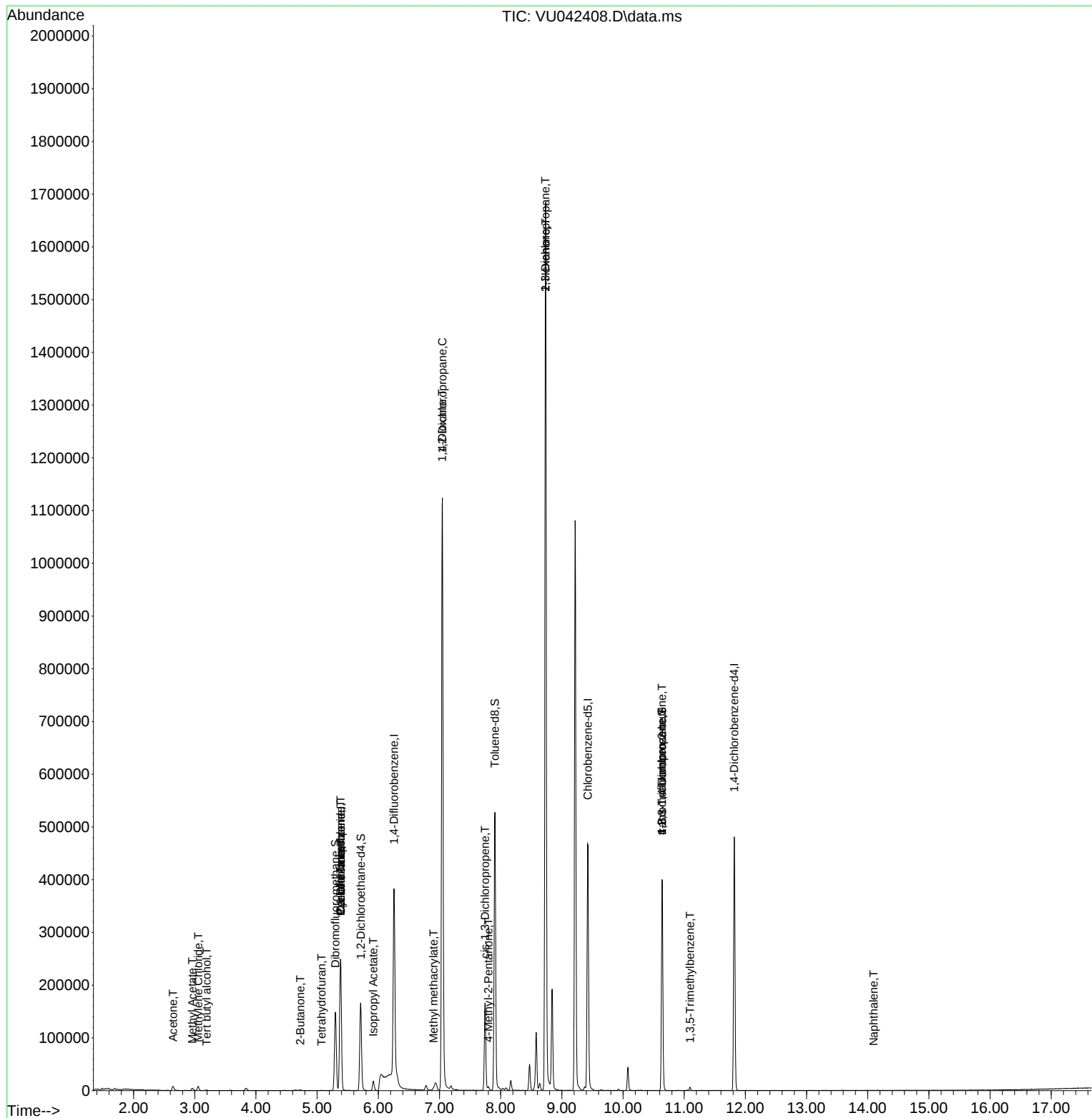
Internal Standards						
1) Pentafluorobenzene	5.385	168	179007	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	271574	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	248818	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	121489	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	131032	48.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.54%	
35) Dibromofluoromethane	5.298	113	90807	47.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.74%	
50) Toluene-d8	7.906	98	333840	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
62) 4-Bromofluorobenzene	10.639	95	123207	45.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.06%	
Target Compounds					Qvalue	
11) Tert butyl alcohol	3.195	59	718	1.24	ug/l #	94
16) Acetone	2.646	43	12202	7.25	ug/l	99
18) Methyl Acetate	2.961	43	6924	2.26	ug/l	95
20) Methylene Chloride	3.057	84	3615	1.86	ug/l	89
25) 2-Butanone	4.726	43	2839	1.27	ug/l #	89
29) Tetrahydrofuran	5.073	42	506	0.36	ug/l #	37
31) Cyclohexane	5.385	56	3954	1.11	ug/l #	25
36) 1,1-Dichloropropene	5.382	75	13469	5.02	ug/l #	51
38) Carbon Tetrachloride	5.382	117	16929	5.90	ug/l #	16
43) Isopropyl Acetate	5.919	43	19612	3.20	ug/l	99
45) 1,2-Dichloropropane	7.047	63	1020	0.49	ug/l #	43
48) Methyl methacrylate	6.903	41	6386	2.10	ug/l #	17
49) 1,4-Dioxane	7.044	88	47	0.81	ug/l #	1
51) 4-Methyl-2-Pentanone	7.800	43	4343	1.05	ug/l	97
54) cis-1,3-Dichloropropene	7.745	75	25956	7.76	ug/l #	61
57) 1,3-Dichloropropane	8.732	76	15943	4.72	ug/l #	43
59) 2-Hexanone	8.735	43	264561	79.75	ug/l #	54
76) 1,2,3-Trichloropropane	10.639	75	68366	22.76	ug/l #	36
80) 1,3,5-Trimethylbenzene	11.095	105	3655	0.53	ug/l	95
81) trans-1,4-Dichloro-2-b...	10.639	75	68366	61.88	ug/l #	7
95) Naphthalene	14.098	128	62	2.22	ug/l #	69

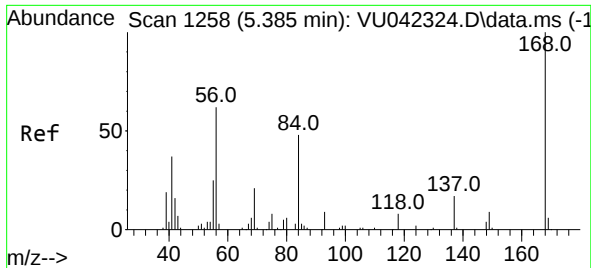
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

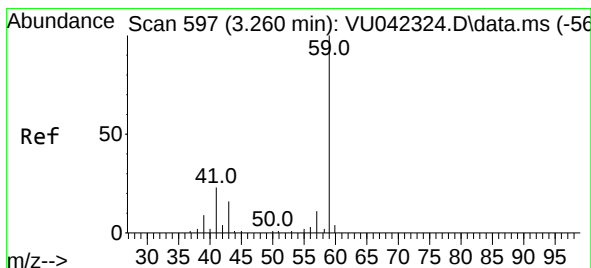
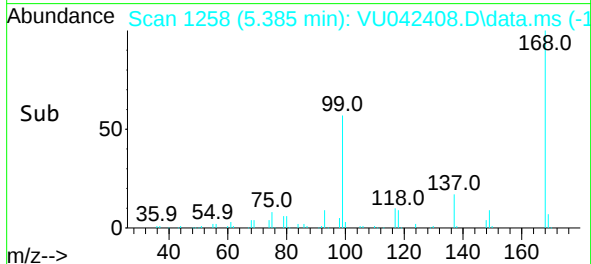
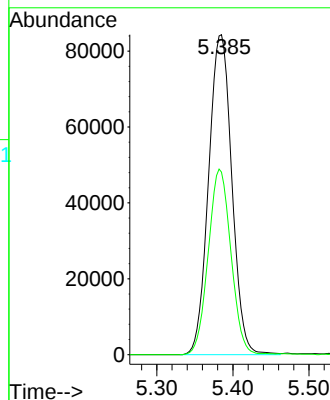
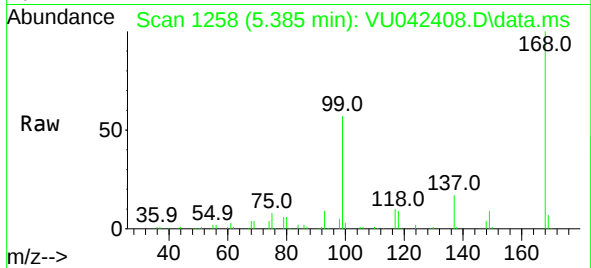




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VU042408.D
Acq: 22 Feb 2021 20:15

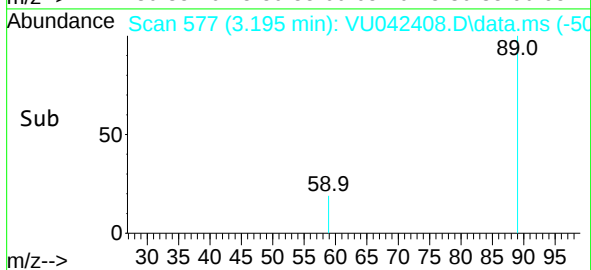
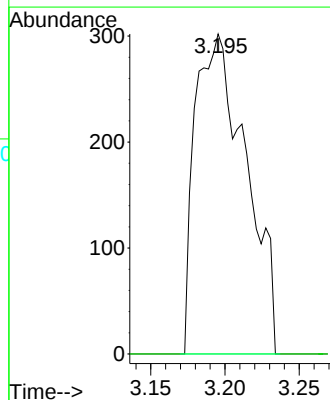
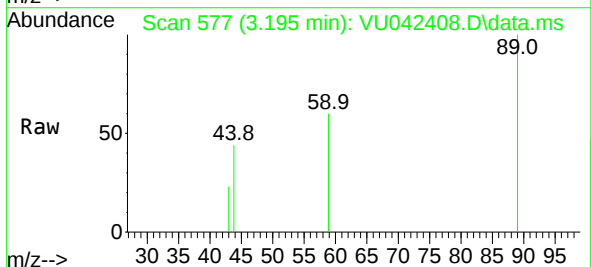
Instrument :
MSVOA_U
ClientSampled :

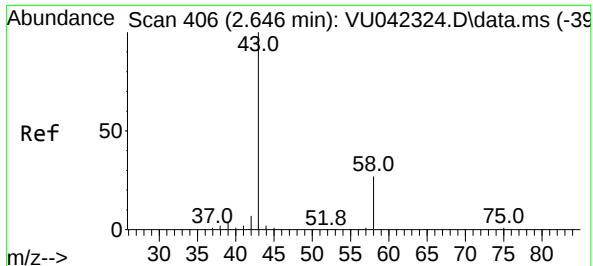
Tgt Ion:168 Resp: 179007
Ion Ratio Lower Upper
168 100
99 57.1 45.0 67.4



#11
Tert butyl alcohol
Concen: 1.24 ug/l
RT: 3.195 min Scan# 577
Delta R.T. -0.064 min
Lab File: VU042408.D
Acq: 22 Feb 2021 20:15

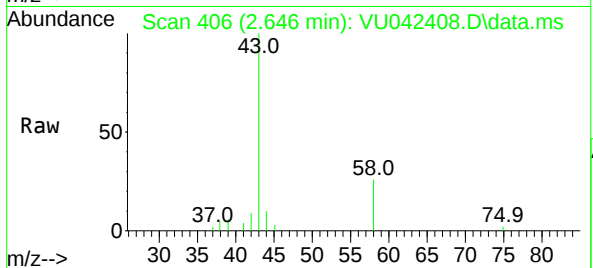
Tgt Ion: 59 Resp: 718
Ion Ratio Lower Upper
59 100
57 0.0 1.6 2.4#



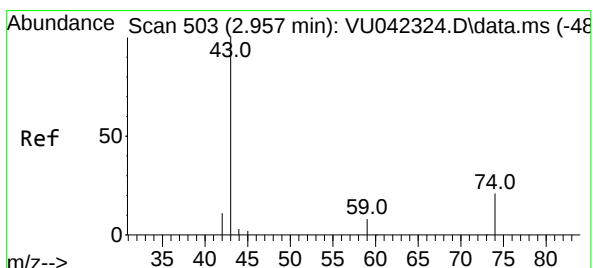
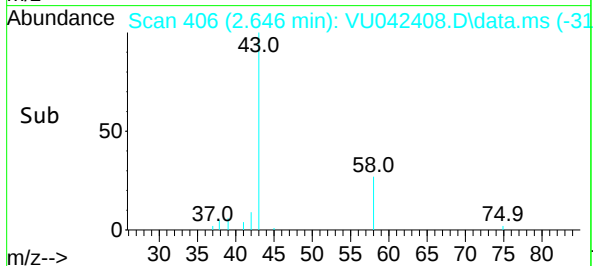
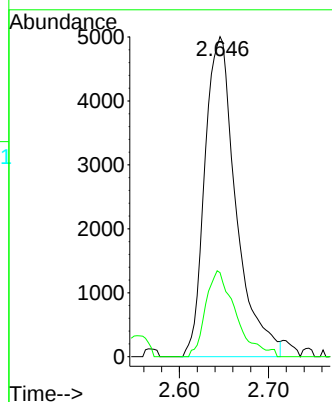


#16
Acetone
Concen: 7.25 ug/l
RT: 2.646 min Scan# 406
Delta R.T. -0.000 min
Lab File: VU042408.D
Acq: 22 Feb 2021 20:15

Instrument :
MSVOA_U
ClientSampled :

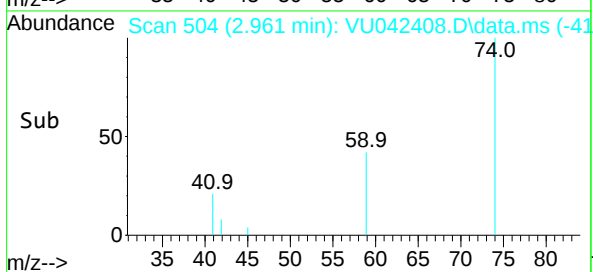
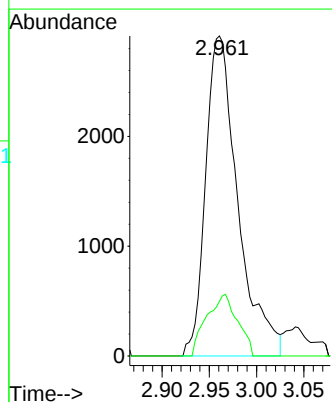
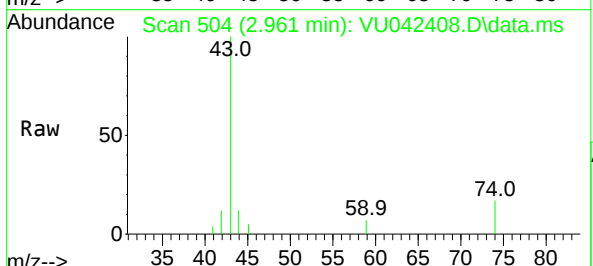


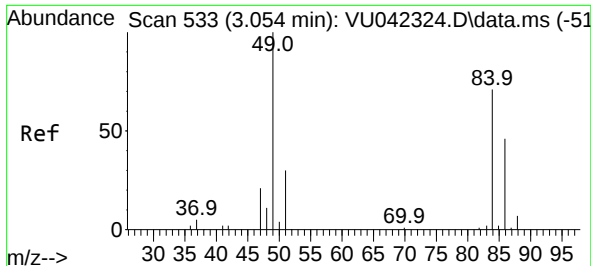
Tgt Ion: 43 Resp: 12202
Ion Ratio Lower Upper
43 100
58 26.3 21.5 32.3



#18
Methyl Acetate
Concen: 2.26 ug/l
RT: 2.961 min Scan# 504
Delta R.T. 0.003 min
Lab File: VU042408.D
Acq: 22 Feb 2021 20:15

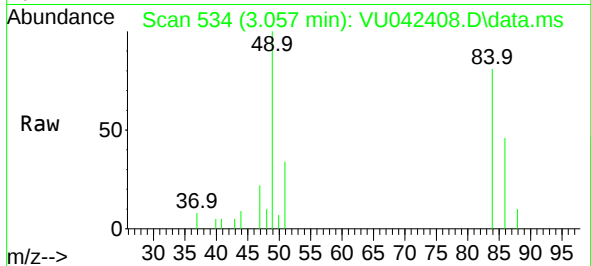
Tgt Ion: 43 Resp: 6924
Ion Ratio Lower Upper
43 100
74 18.4 16.6 25.0



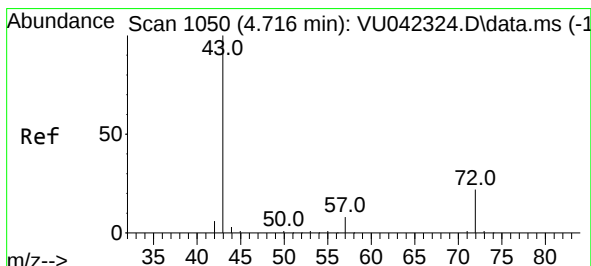
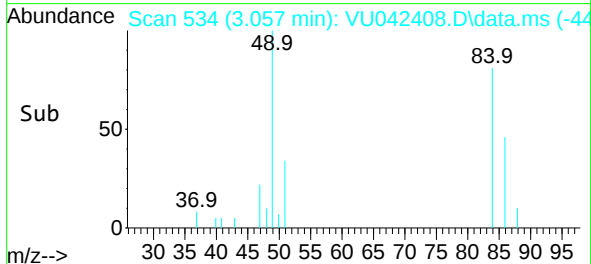
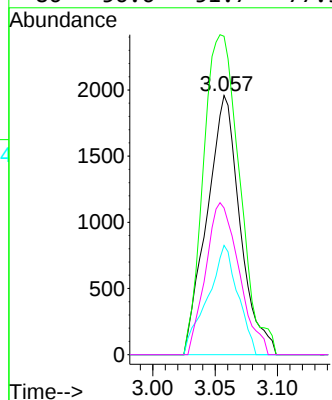


#20
Methylene Chloride
Concen: 1.86 ug/l
RT: 3.057 min Scan# 534
Delta R.T. 0.003 min
Lab File: VU042408.D
Acq: 22 Feb 2021 20:15

Instrument :
MSVOA_U
ClientSampled :

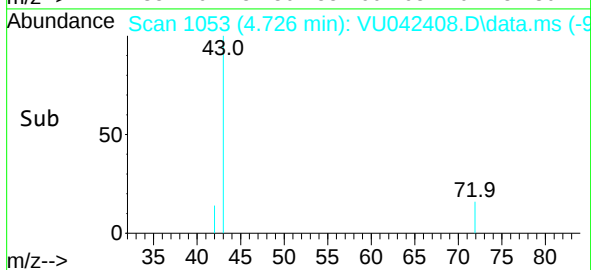
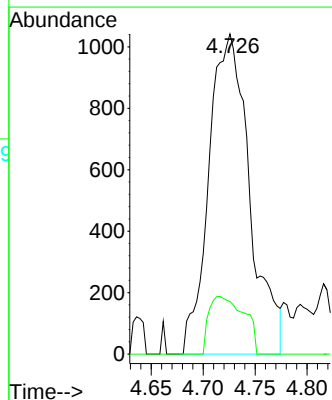
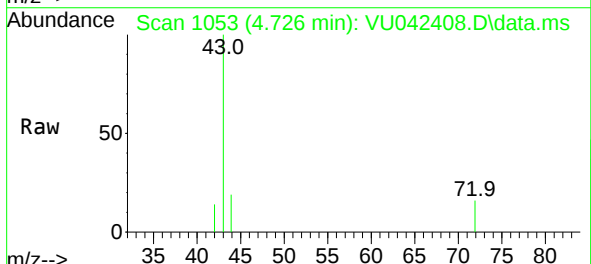


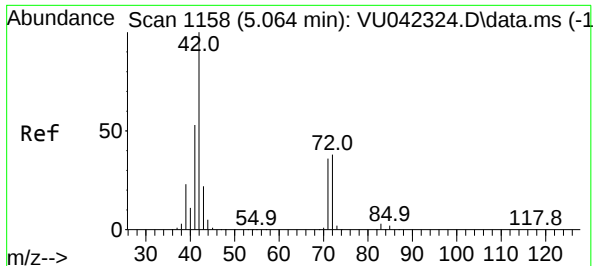
Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.8	112.6	169.0
51	42.1	33.7	50.5
86	56.6	51.7	77.5



#25
2-Butanone
Concen: 1.27 ug/l
RT: 4.726 min Scan# 1053
Delta R.T. 0.010 min
Lab File: VU042408.D
Acq: 22 Feb 2021 20:15

Tgt Ion	Ratio	Lower	Upper
43	100		
72	16.4	17.4	26.0#





#29

Tetrahydrofuran

Concen: 0.36 ug/l

RT: 5.073 min Scan# 1161

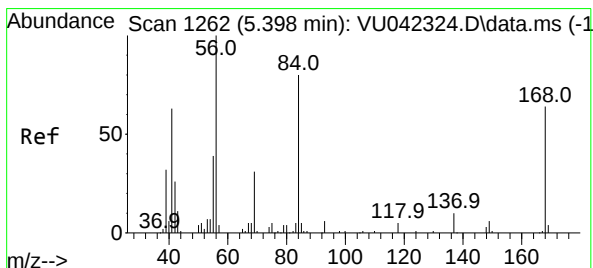
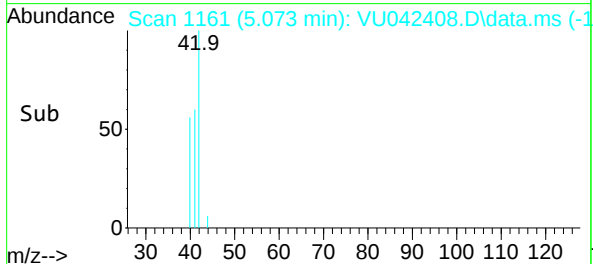
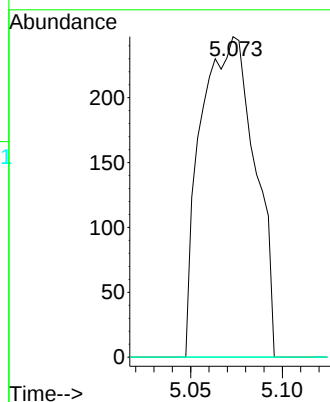
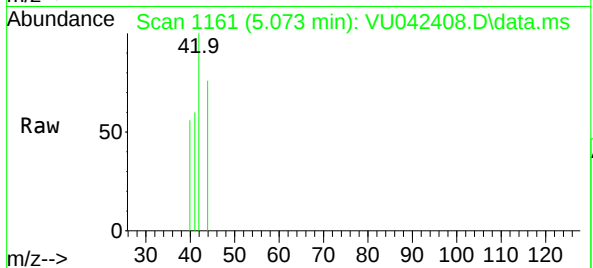
Delta R.T. 0.010 min

Lab File: VU042408.D

Acq: 22 Feb 2021 20:15

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:	42	Resp:	506
Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.5	47.3#
71	0.0	29.5	44.3#



#31

Cyclohexane

Concen: 1.11 ug/l

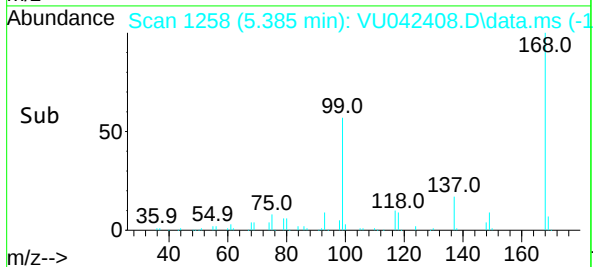
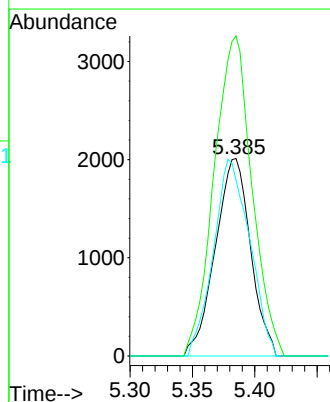
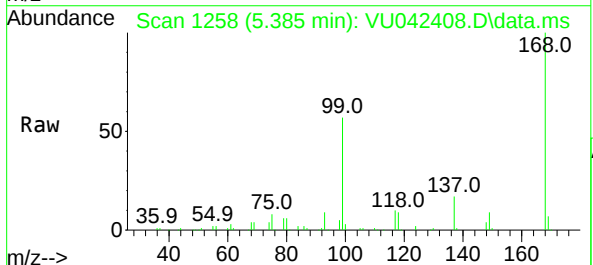
RT: 5.385 min Scan# 1258

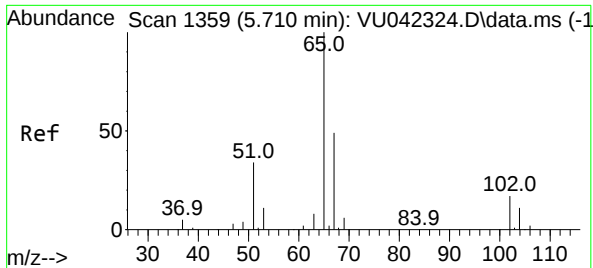
Delta R.T. -0.013 min

Lab File: VU042408.D

Acq: 22 Feb 2021 20:15

Tgt Ion:	56	Resp:	3954
Ion	Ratio	Lower	Upper
56	100		
69	162.1	24.9	37.3#
84	89.1	63.7	95.5

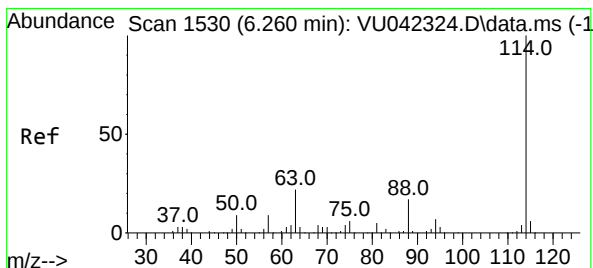
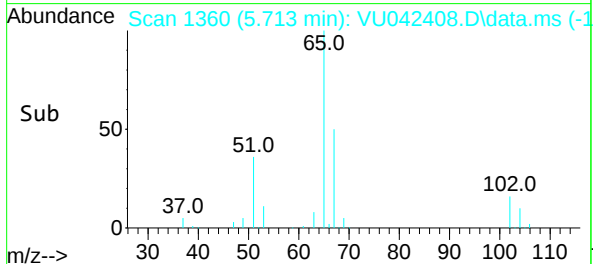
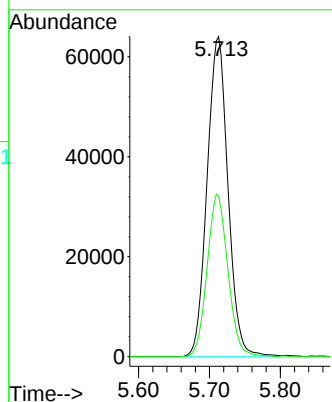
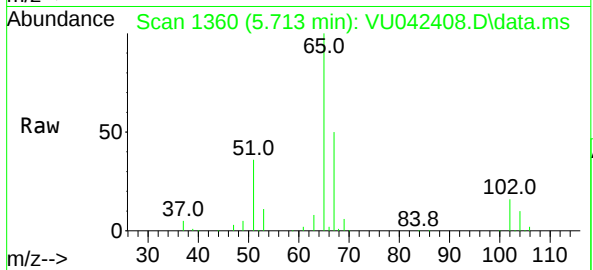




#33
 1,2-Dichloroethane-d4
 Concen: 48.27 ug/l
 RT: 5.713 min Scan# 1360
 Delta R.T. 0.003 min
 Lab File: VU042408.D
 Acq: 22 Feb 2021 20:15

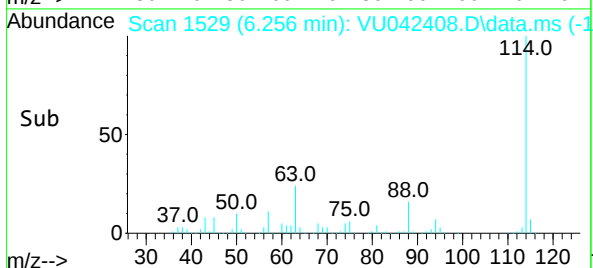
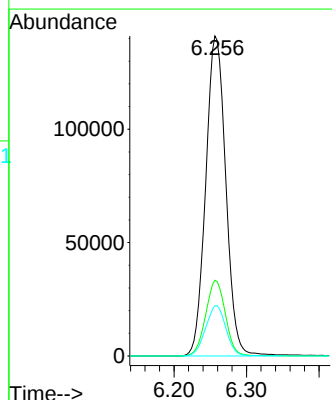
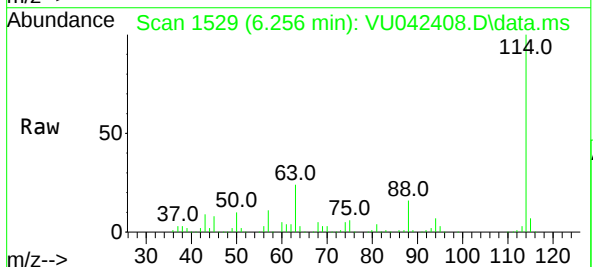
Instrument :
 MSVOA_U
 ClientSampled :

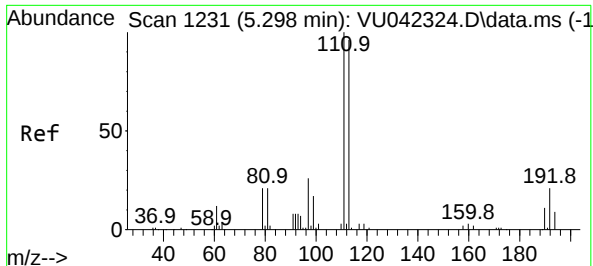
Tgt Ion: 65 Resp: 131032
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.256 min Scan# 1529
 Delta R.T. -0.003 min
 Lab File: VU042408.D
 Acq: 22 Feb 2021 20:15

Tgt Ion: 114 Resp: 271574
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 44.2
 88 15.7 0.0 33.4

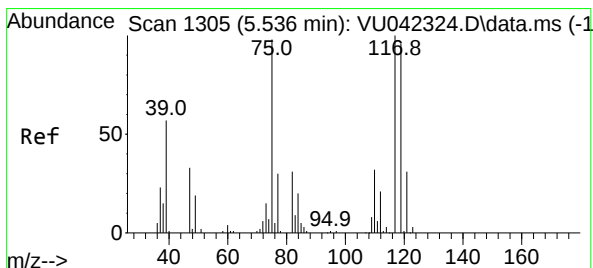
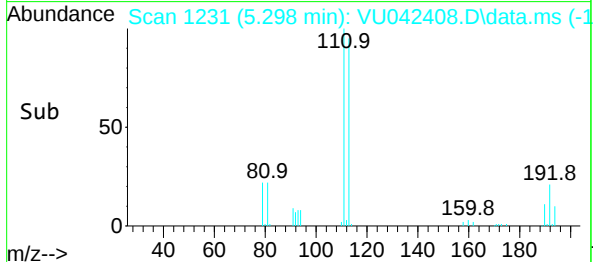
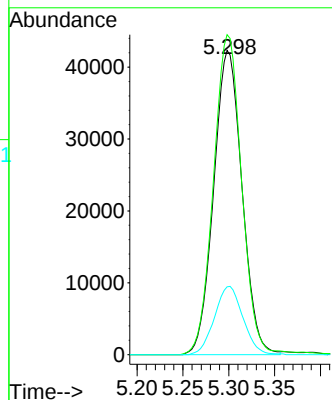
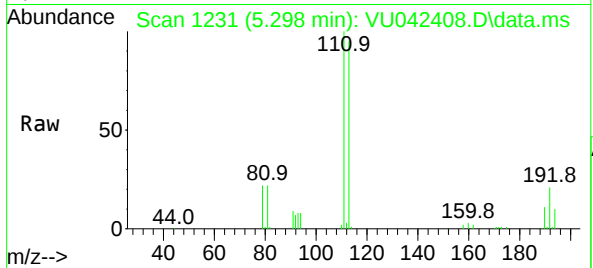




#35
Dibromofluoromethane
Concen: 47.37 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU042408.D
Acq: 22 Feb 2021 20:15

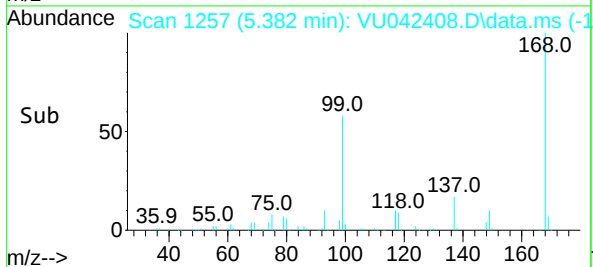
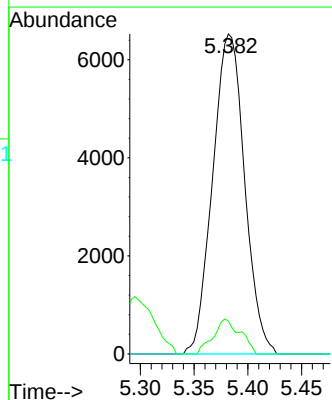
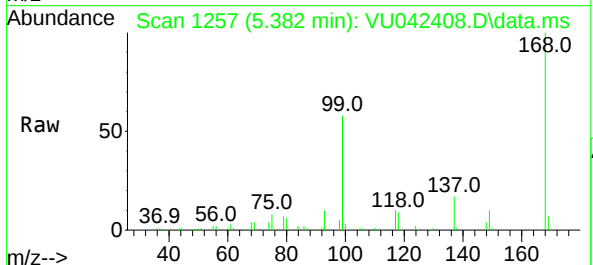
Instrument :
MSVOA_U
ClientSampled :

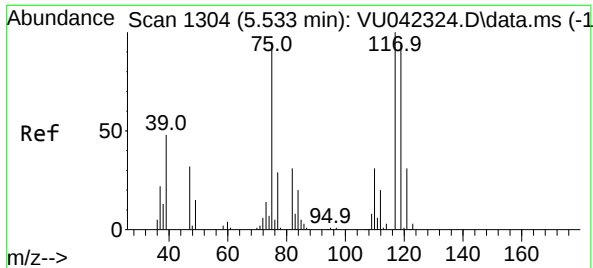
Tgt Ion:113 Resp: 90807
Ion Ratio Lower Upper
113 100
111 104.7 81.8 122.8
192 22.6 17.2 25.8



#36
1,1-Dichloropropene
Concen: 5.02 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.154 min
Lab File: VU042408.D
Acq: 22 Feb 2021 20:15

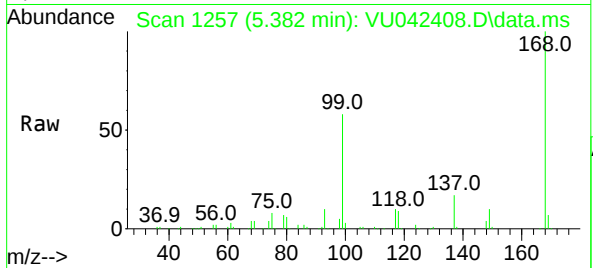
Tgt Ion: 75 Resp: 13469
Ion Ratio Lower Upper
75 100
110 9.2 16.8 50.3#
77 0.0 24.8 37.2#



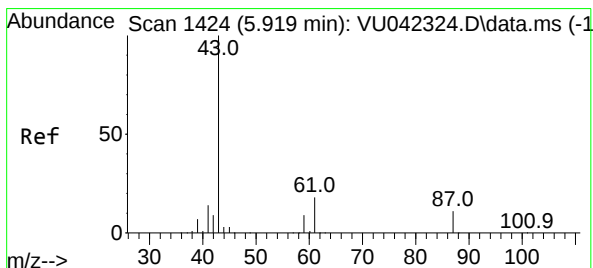
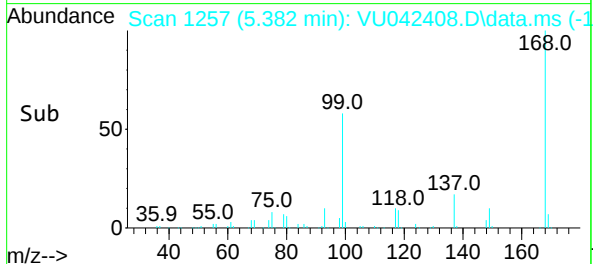
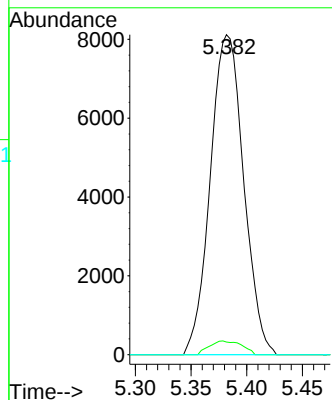


#38
Carbon Tetrachloride
Concen: 5.90 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU042408.D
Acq: 22 Feb 2021 20:15

Instrument :
MSVOA_U
ClientSampled :

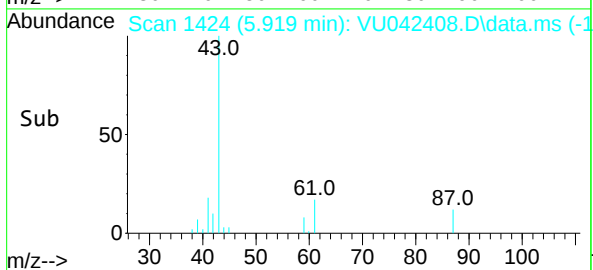
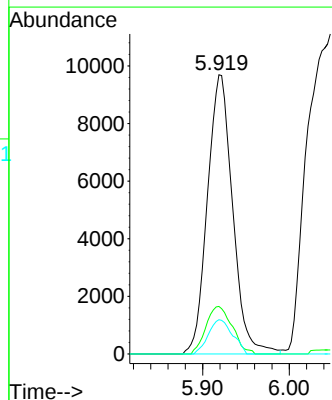
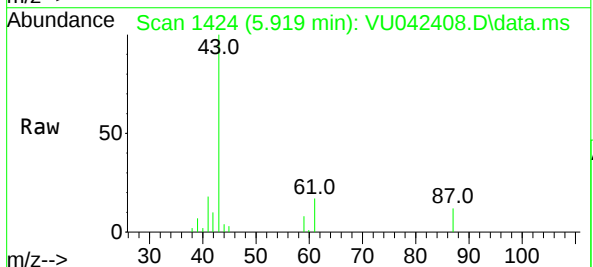


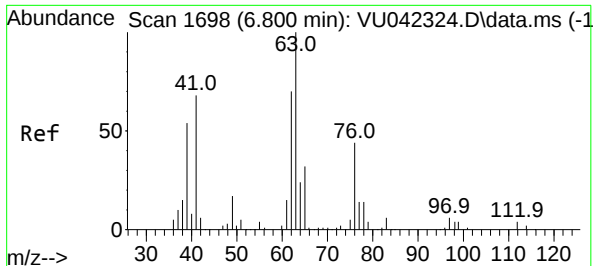
Tgt Ion:117 Resp: 16929
Ion Ratio Lower Upper
117 100
119 4.0 75.5 113.3#
121 0.0 24.7 37.1#



#43
Isopropyl Acetate
Concen: 3.20 ug/l
RT: 5.919 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VU042408.D
Acq: 22 Feb 2021 20:15

Tgt Ion: 43 Resp: 19612
Ion Ratio Lower Upper
43 100
61 17.7 14.4 21.6
87 11.7 8.8 13.2

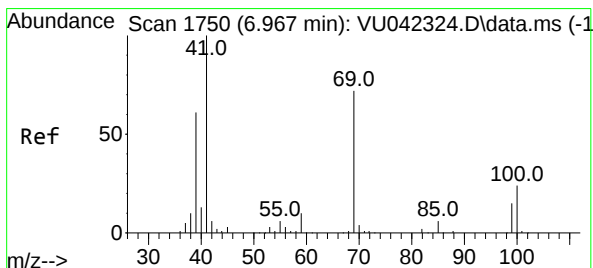
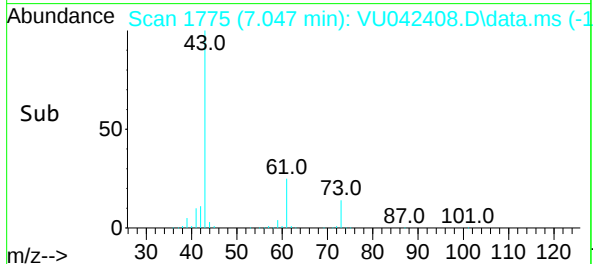
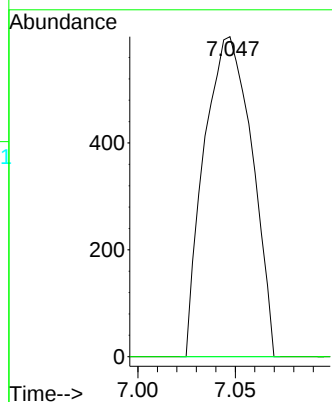
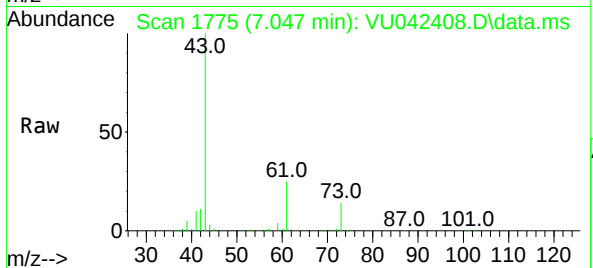




#45
1,2-Dichloropropane
Concen: 0.49 ug/l
RT: 7.047 min Scan# 1775
Delta R.T. 0.247 min
Lab File: VU042408.D
Acq: 22 Feb 2021 20:15

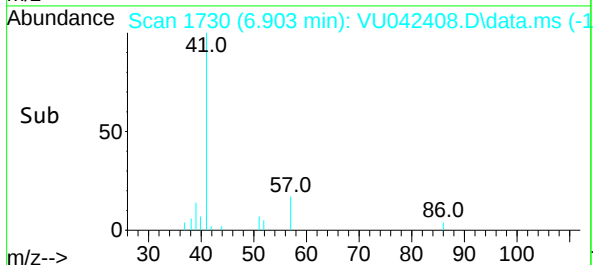
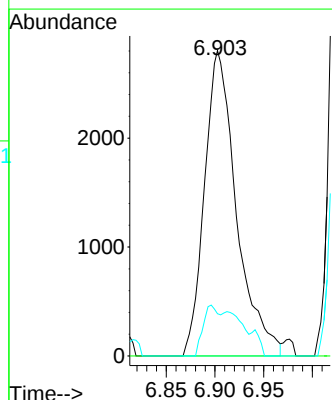
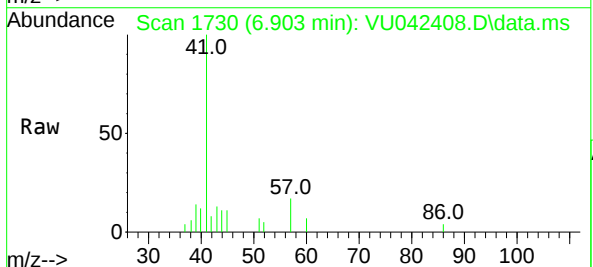
Instrument :
MSVOA_U
ClientSampled :

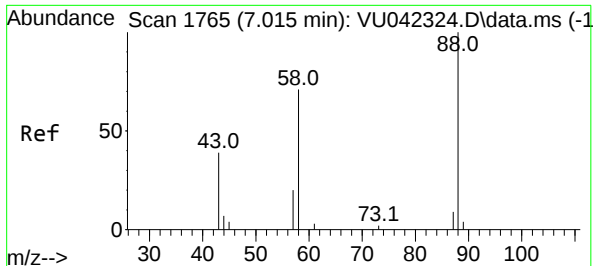
Tgt Ion: 63 Resp: 1020
Ion Ratio Lower Upper
63 100
65 0.0 25.4 38.2#



#48
Methyl methacrylate
Concen: 2.10 ug/l
RT: 6.903 min Scan# 1730
Delta R.T. -0.064 min
Lab File: VU042408.D
Acq: 22 Feb 2021 20:15

Tgt Ion: 41 Resp: 6386
Ion Ratio Lower Upper
41 100
69 0.0 57.0 85.6#
39 0.0 48.4 72.6#

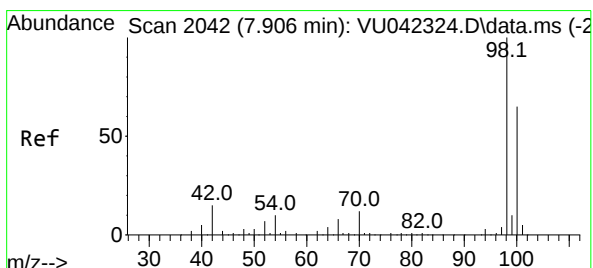
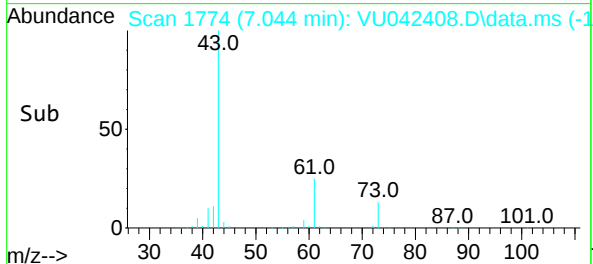
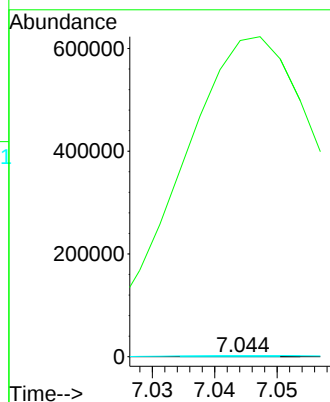
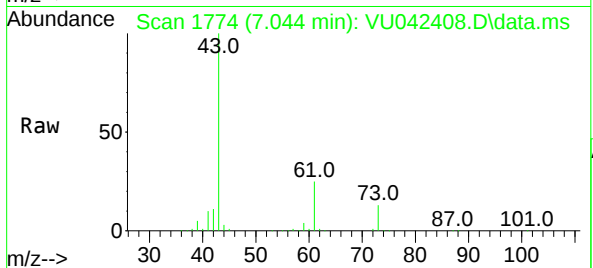




#49
1,4-Dioxane
Concen: 0.81 ug/l
RT: 7.044 min Scan# 1774
Delta R.T. 0.029 min
Lab File: VU042408.D
Acq: 22 Feb 2021 20:15

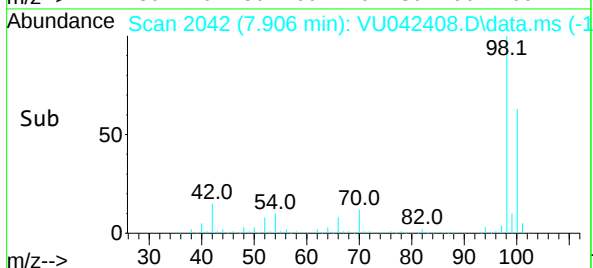
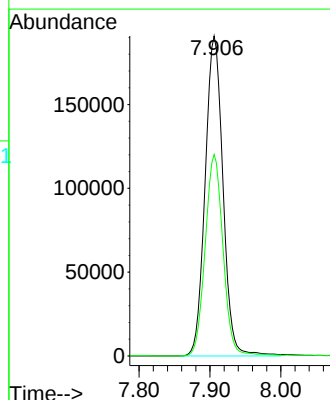
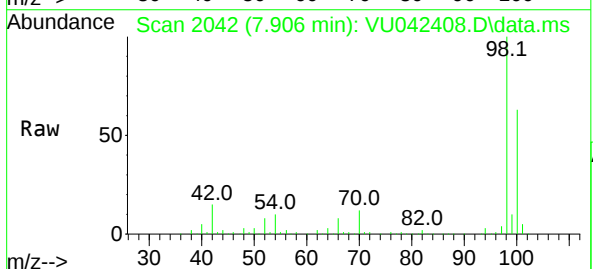
Instrument :
MSVOA_U
ClientSampled :

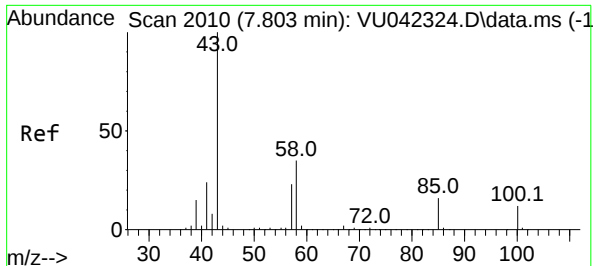
Tgt Ion: 88 Resp: 47
Ion Ratio Lower Upper
88 100
43 2355689.4 0.0 0.0#
58 8404.3 60.4 90.6#



#50
Toluene-d8
Concen: 48.63 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042408.D
Acq: 22 Feb 2021 20:15

Tgt Ion: 98 Resp: 333840
Ion Ratio Lower Upper
98 100
100 63.1 50.2 75.2

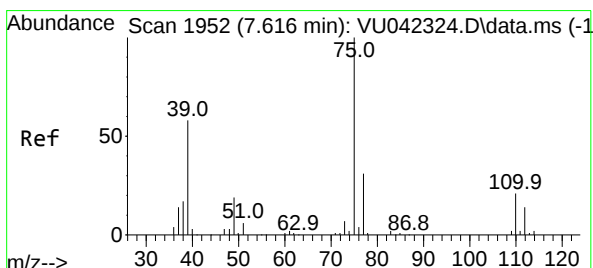
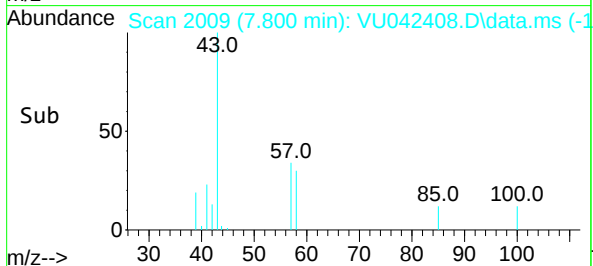
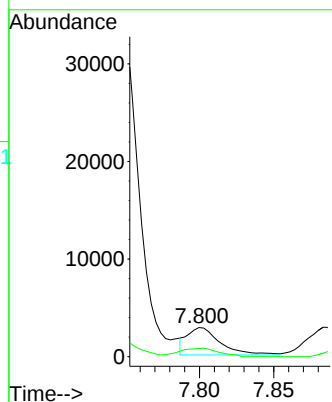
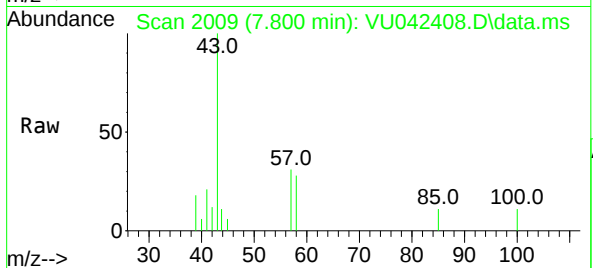




#51
4-Methyl-2-Pentanone
Concen: 1.05 ug/l
RT: 7.800 min Scan# 2009
Delta R.T. -0.003 min
Lab File: VU042408.D
Acq: 22 Feb 2021 20:15

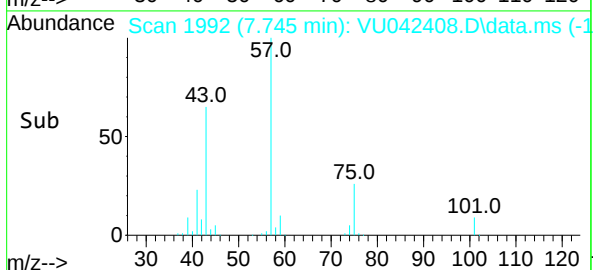
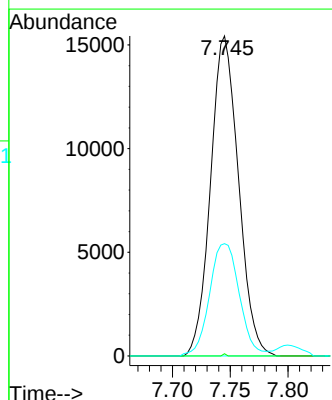
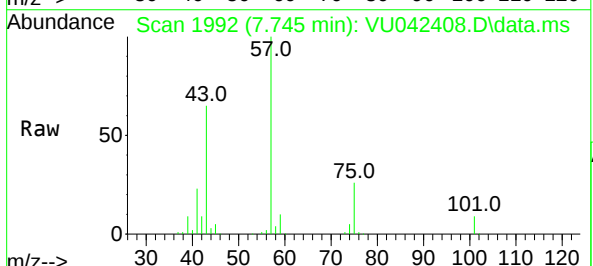
Instrument :
MSVOA_U
ClientSampled :

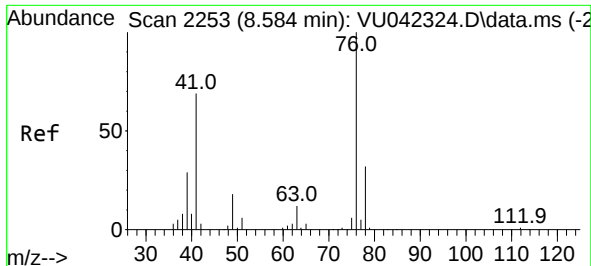
Tgt Ion: 43 Resp: 4343
Ion Ratio Lower Upper
43 100
58 37.0 28.1 42.1



#54
cis-1,3-Dichloropropene
Concen: 7.76 ug/l
RT: 7.745 min Scan# 1992
Delta R.T. 0.129 min
Lab File: VU042408.D
Acq: 22 Feb 2021 20:15

Tgt Ion: 75 Resp: 25956
Ion Ratio Lower Upper
75 100
77 0.7 24.6 37.0#
39 35.1 46.1 69.1#



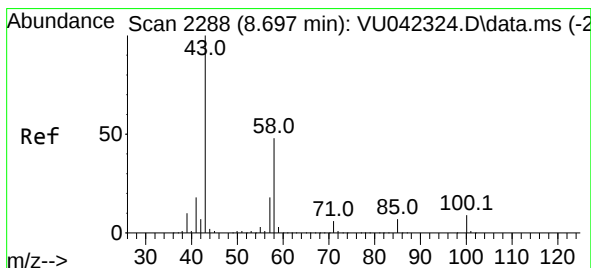
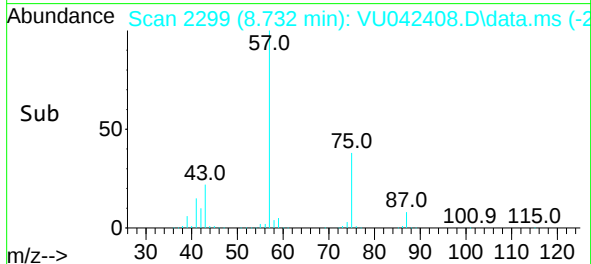
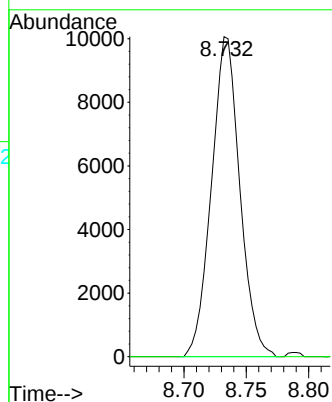
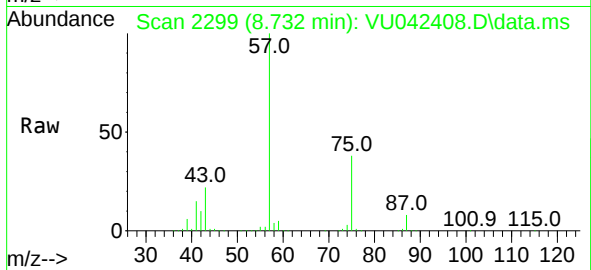


#57

1,3-Dichloropropane
Concen: 4.72 ug/l
RT: 8.732 min Scan# 2299
Delta R.T. 0.148 min
Lab File: VU042408.D
Acq: 22 Feb 2021 20:15

Instrument :
MSVOA_U
ClientSampled :

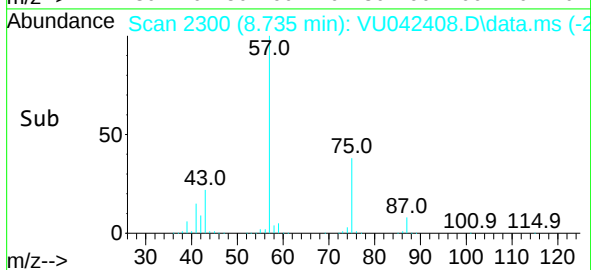
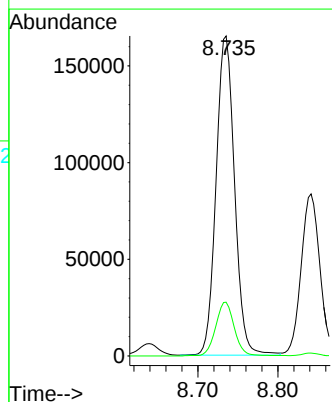
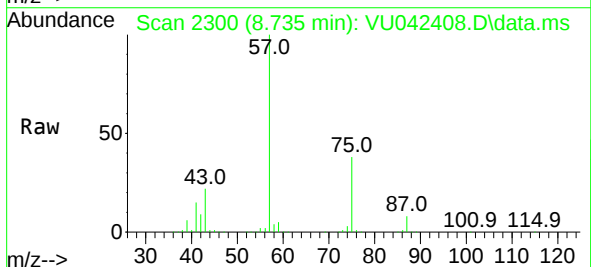
Tgt Ion: 76 Resp: 15943
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#

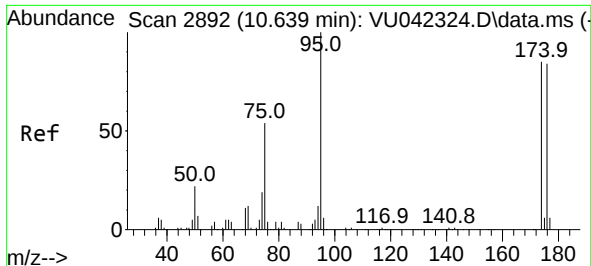


#59

2-Hexanone
Concen: 79.75 ug/l
RT: 8.735 min Scan# 2300
Delta R.T. 0.039 min
Lab File: VU042408.D
Acq: 22 Feb 2021 20:15

Tgt Ion: 43 Resp: 264561
Ion Ratio Lower Upper
43 100
58 17.1 24.0 72.0#

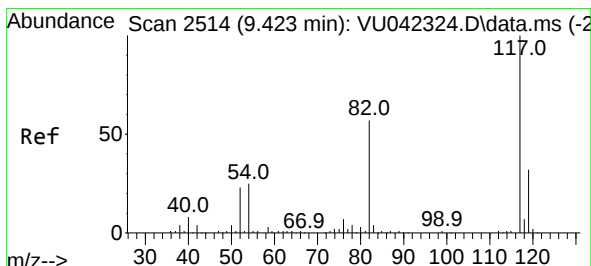
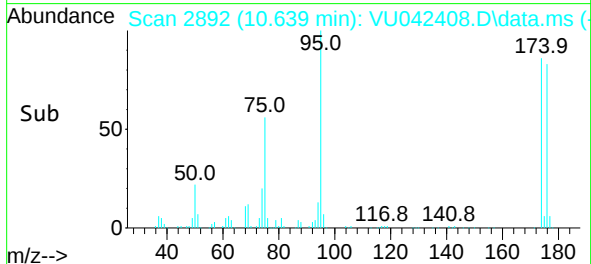
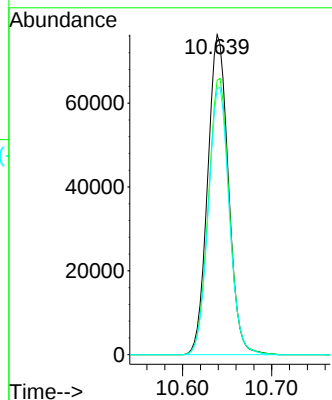
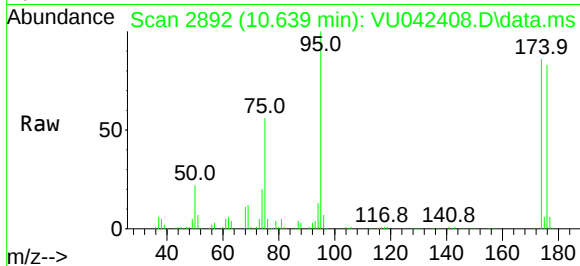




#62
4-Bromofluorobenzene
Concen: 45.53 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU042408.D
Acq: 22 Feb 2021 20:15

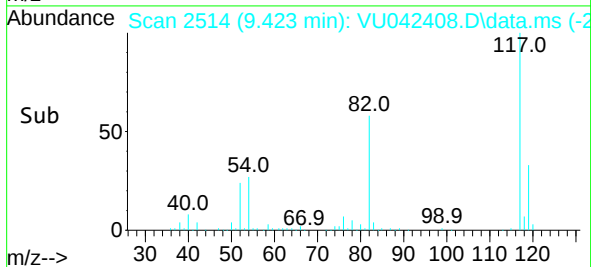
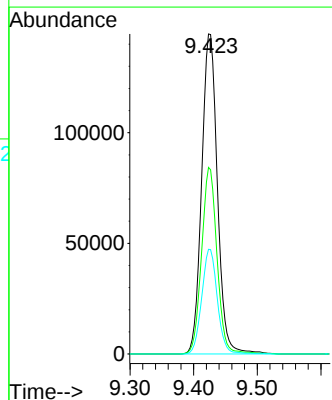
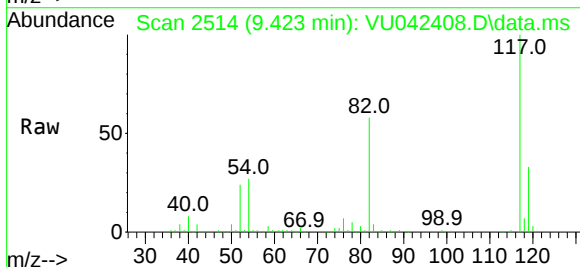
Instrument :
MSVOA_U
ClientSampleId :

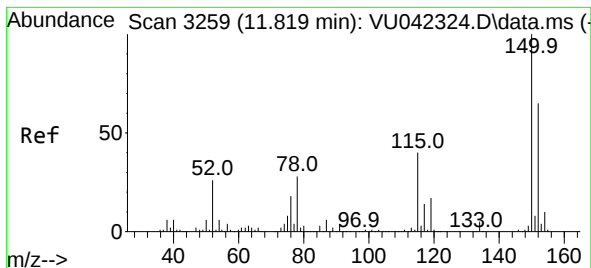
Tgt Ion: 95 Resp: 123207
Ion Ratio Lower Upper
95 100
174 87.7 0.0 172.2
176 84.2 0.0 168.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.000 min
Lab File: VU042408.D
Acq: 22 Feb 2021 20:15

Tgt Ion: 117 Resp: 248818
Ion Ratio Lower Upper
117 100
82 58.3 45.8 68.6
119 32.7 25.8 38.8

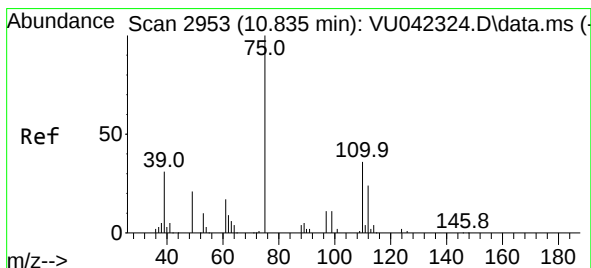
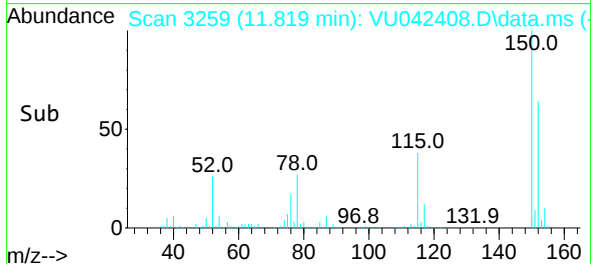
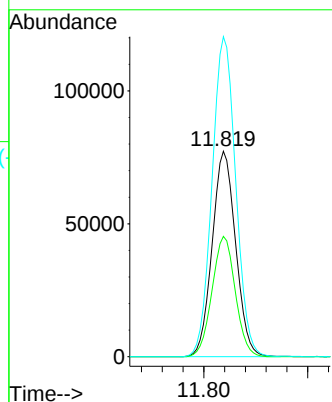
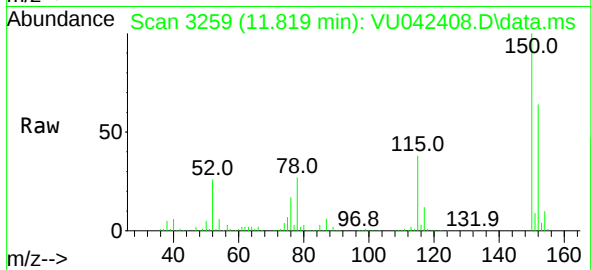




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU042408.D
 Acq: 22 Feb 2021 20:15

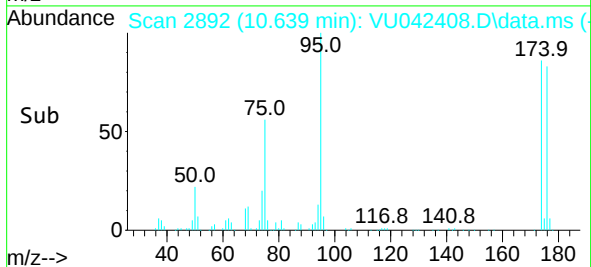
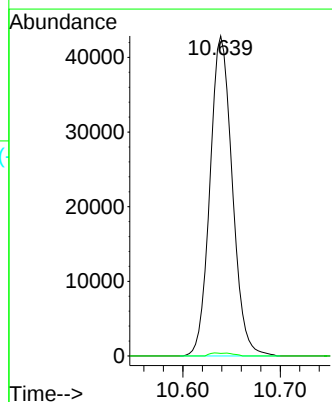
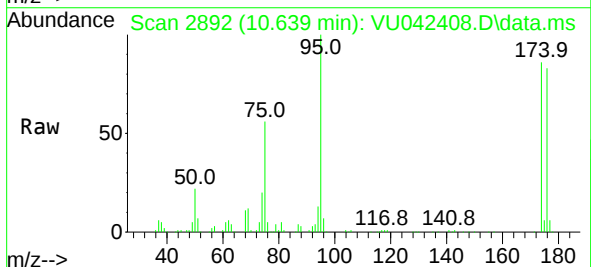
Instrument :
 MSVOA_U
 ClientSampled :

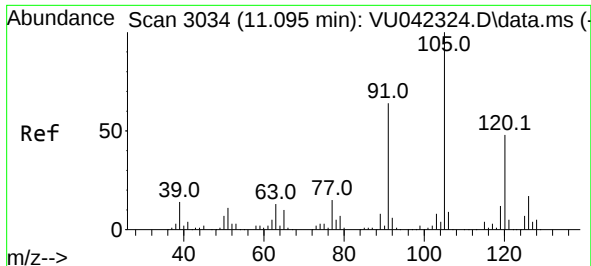
Tgt Ion:152 Resp: 121489
 Ion Ratio Lower Upper
 152 100
 115 57.8 41.5 124.6
 150 156.8 0.0 342.4



#76
 1,2,3-Trichloropropane
 Concen: 22.76 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.196 min
 Lab File: VU042408.D
 Acq: 22 Feb 2021 20:15

Tgt Ion: 75 Resp: 68366
 Ion Ratio Lower Upper
 75 100
 77 0.5 20.2 60.5#

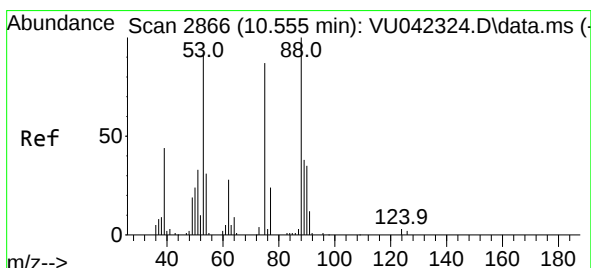
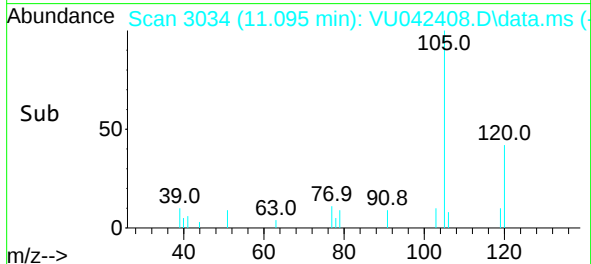
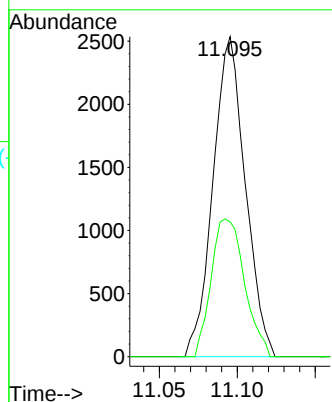
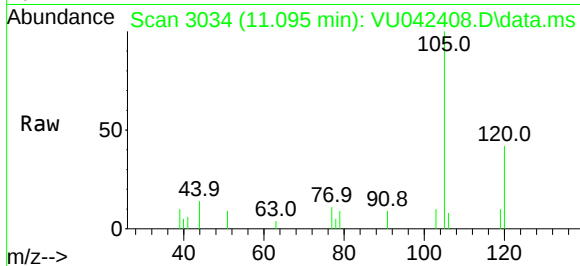




#80
1,3,5-Trimethylbenzene
Concen: 0.53 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU042408.D
Acq: 22 Feb 2021 20:15

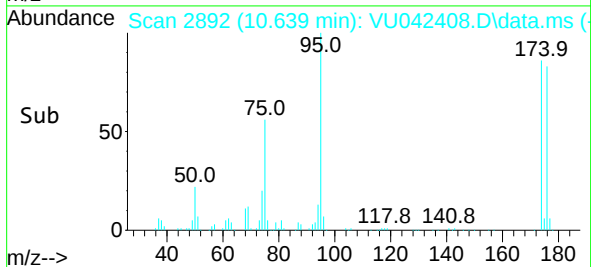
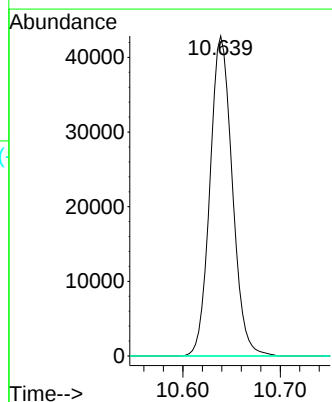
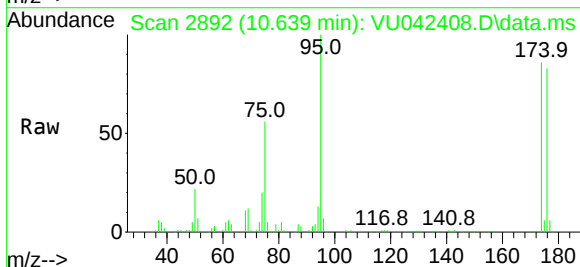
Instrument :
MSVOA_U
ClientSampled :

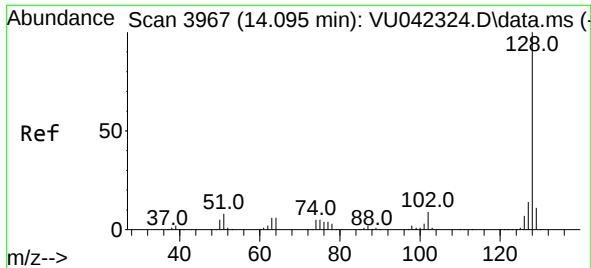
Tgt Ion:105 Resp: 3655
Ion Ratio Lower Upper
105 100
120 44.5 23.8 71.4



#81
trans-1,4-Dichloro-2-butene
Concen: 61.88 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU042408.D
Acq: 22 Feb 2021 20:15

Tgt Ion: 75 Resp: 68366
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#





#95
Naphthalene
Concen: 2.22 ug/l
RT: 14.098 min Scan# 3968
Delta R.T. 0.003 min
Lab File: VU042408.D
Acq: 22 Feb 2021 20:15

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 62
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#

