

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022221\
 Data File : VU042407.D
 Acq On : 22 Feb 2021 19:52
 Operator : SY/MD
 Sample : PB134750ZHE#06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 23 01:06:26 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)

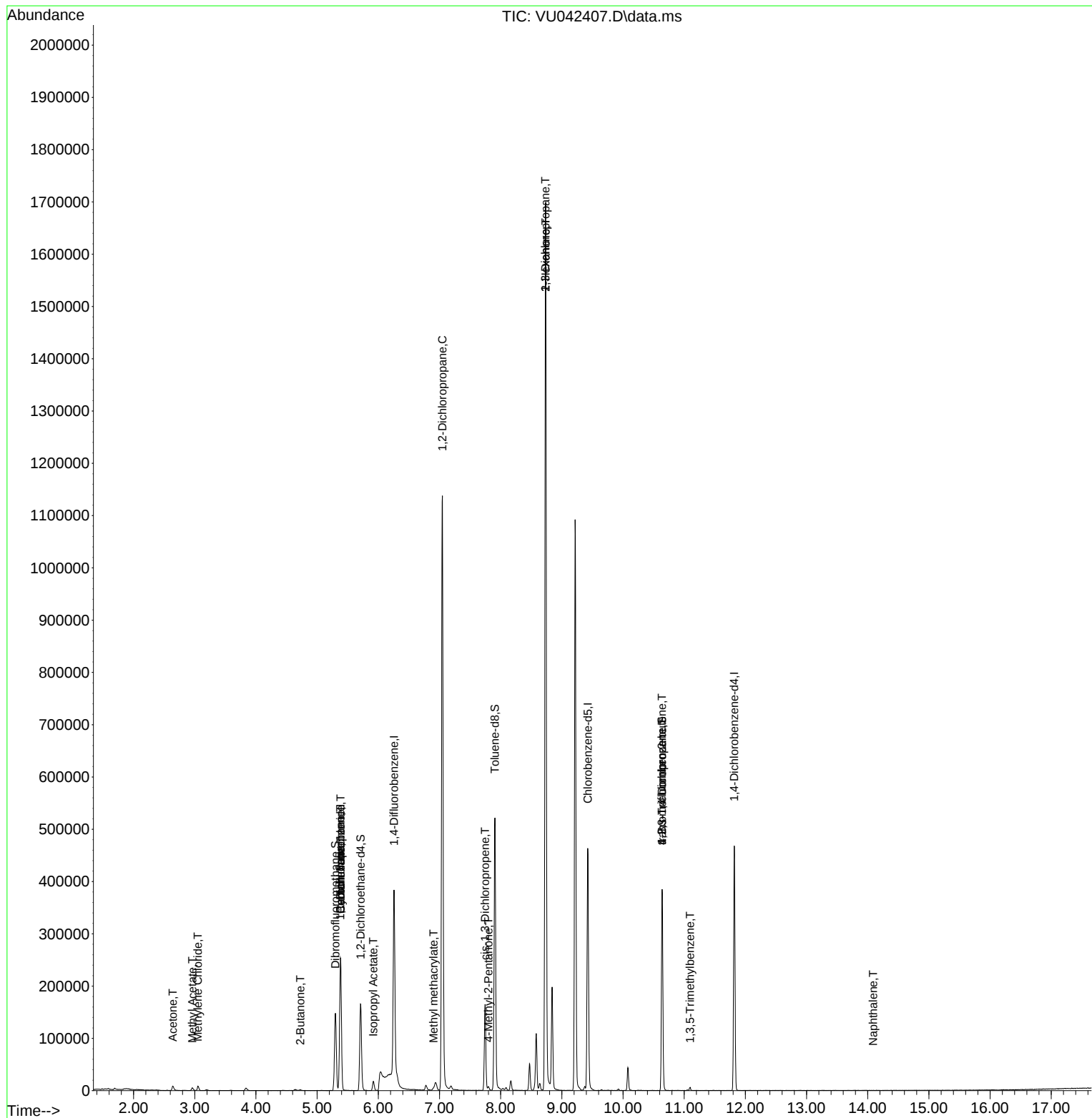
Internal Standards						
1) Pentafluorobenzene	5.382	168	177819	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	271852	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	247423	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	114123	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	130793	48.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.00%	
35) Dibromofluoromethane	5.298	113	91509	47.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.38%	
50) Toluene-d8	7.906	98	331365	48.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.44%	
62) 4-Bromofluorobenzene	10.639	95	119913	44.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.54%	
Target Compounds						
					Qvalue	
16) Acetone	2.642	43	12564	7.51	ug/l	98
18) Methyl Acetate	2.961	43	7774	2.56	ug/l	95
20) Methylene Chloride	3.051	84	3795	1.97	ug/l	95
25) 2-Butanone	4.726	43	2791	1.25	ug/l #	87
31) Cyclohexane	5.382	56	4251	1.20	ug/l #	35
36) 1,1-Dichloropropene	5.378	75	13627	5.07	ug/l #	50
38) Carbon Tetrachloride	5.382	117	17691	6.16	ug/l #	17
43) Isopropyl Acetate	5.919	43	19599	3.19	ug/l	98
45) 1,2-Dichloropropane	7.047	63	1049	0.50	ug/l #	43
48) Methyl methacrylate	6.902	41	6450	2.12	ug/l #	17
51) 4-Methyl-2-Pentanone	7.800	43	4736	1.14	ug/l #	87
54) cis-1,3-Dichloropropene	7.745	75	26263	7.84	ug/l #	65
57) 1,3-Dichloropropane	8.732	76	15500	4.58	ug/l #	43
59) 2-Hexanone	8.735	43	271957	81.89	ug/l #	54
76) 1,2,3-Trichloropropane	10.639	75	66718	23.64	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.095	105	3517	0.54	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.639	75	66718	64.28	ug/l #	7
95) Naphthalene	14.089	128	208	2.24	ug/l #	69

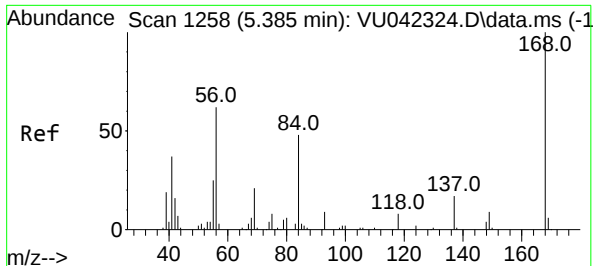
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_U/WATER
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Quant Time: Feb 23 01:06:26 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

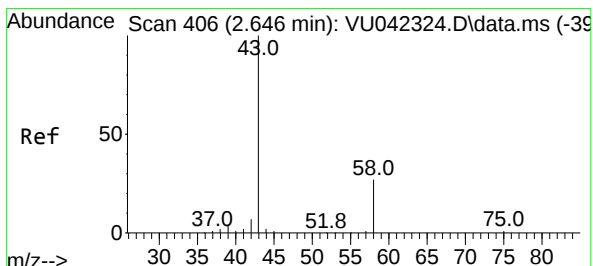
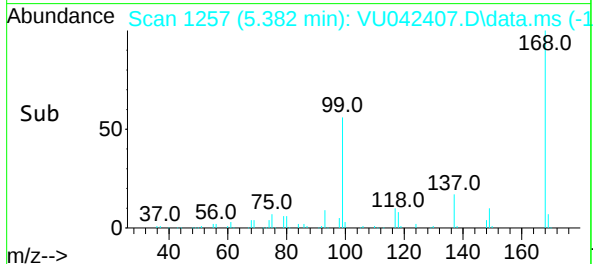
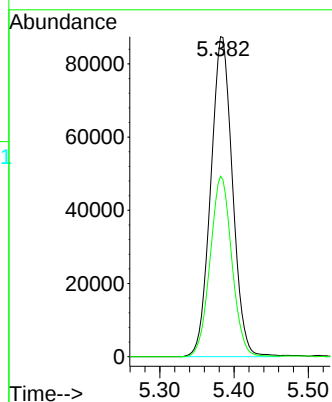
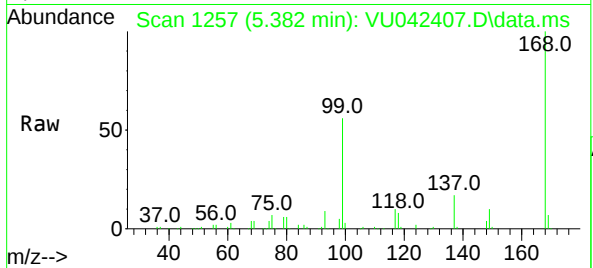




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VU042407.D
Acq: 22 Feb 2021 19:52

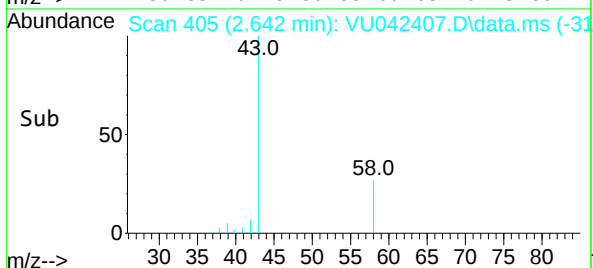
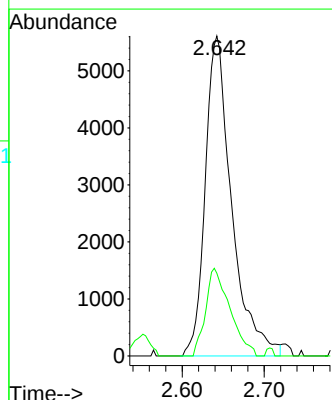
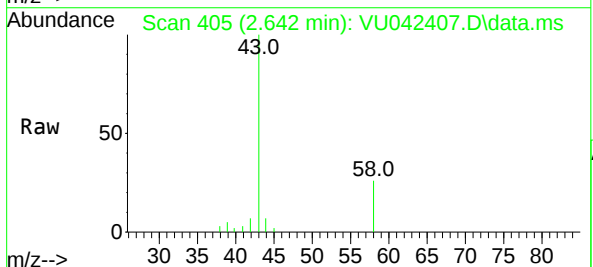
Instrument :
MSVOA_U
ClientSampleId :

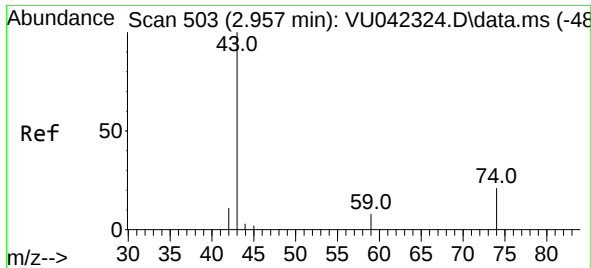
Tgt Ion:168 Resp: 177819
Ion Ratio Lower Upper
168 100
99 56.4 45.0 67.4



#16
Acetone
Concen: 7.51 ug/l
RT: 2.642 min Scan# 405
Delta R.T. -0.003 min
Lab File: VU042407.D
Acq: 22 Feb 2021 19:52

Tgt Ion: 43 Resp: 12564
Ion Ratio Lower Upper
43 100
58 25.9 21.5 32.3

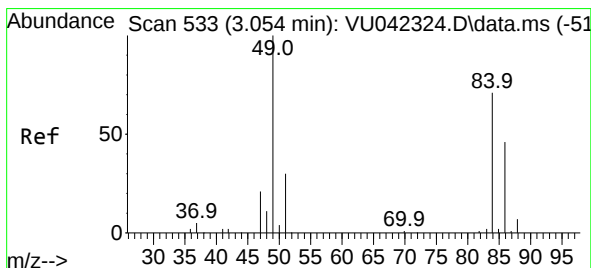
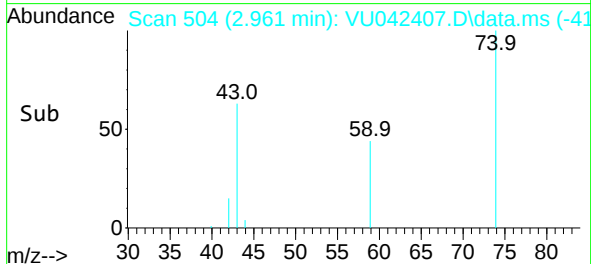
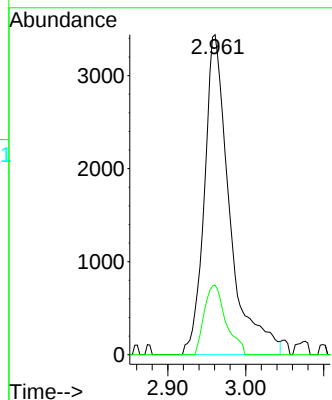
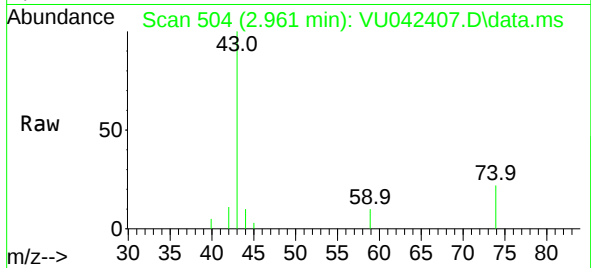




#18
Methyl Acetate
Concen: 2.56 ug/l
RT: 2.961 min Scan# 504
Delta R.T. 0.003 min
Lab File: VU042407.D
Acq: 22 Feb 2021 19:52

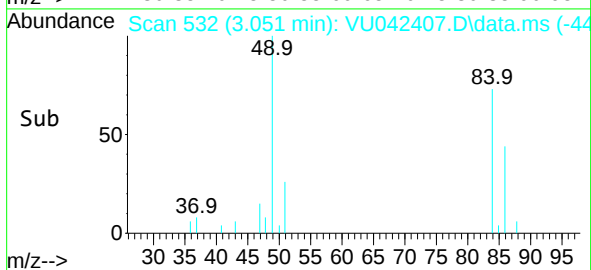
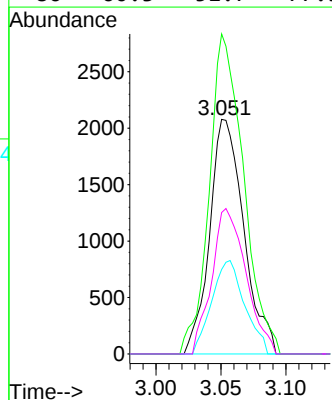
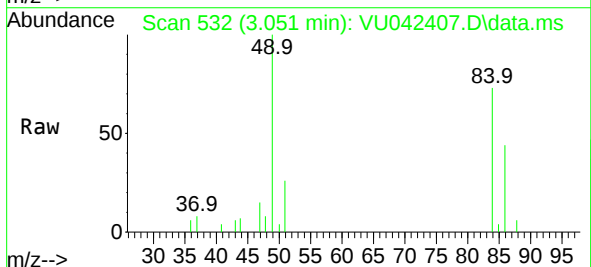
Instrument :
MSVOA_U
ClientSampled :

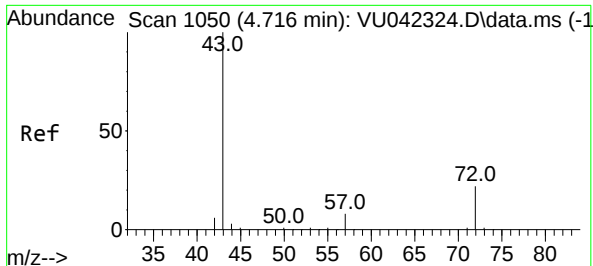
Tgt Ion: 43 Resp: 7774
Ion Ratio Lower Upper
43 100
74 18.6 16.6 25.0



#20
Methylene Chloride
Concen: 1.97 ug/l
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU042407.D
Acq: 22 Feb 2021 19:52

Tgt Ion: 84 Resp: 3795
Ion Ratio Lower Upper
84 100
49 136.4 112.6 169.0
51 36.0 33.7 50.5
86 60.3 51.7 77.5





#25

2-Butanone

Concen: 1.25 ug/l

RT: 4.726 min Scan# 1053

Delta R.T. 0.009 min

Lab File: VU042407.D

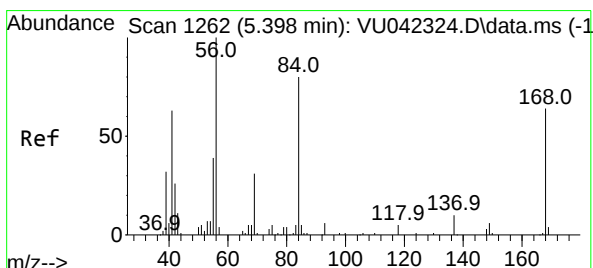
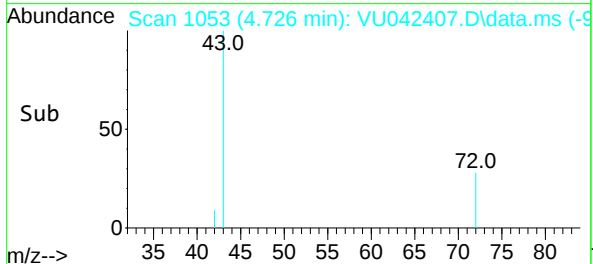
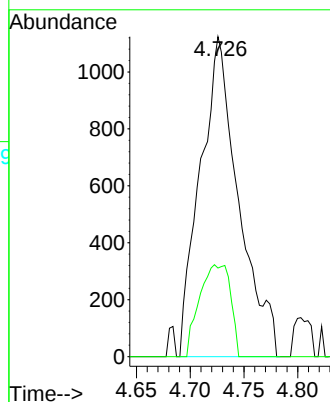
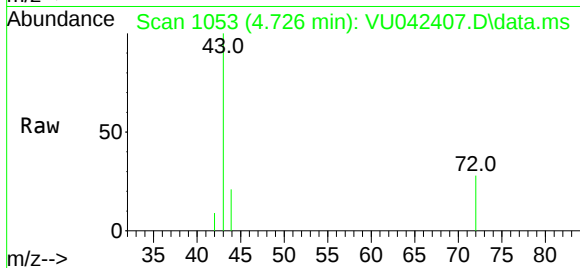
Acq: 22 Feb 2021 19:52

Tgt Ion: 43 Resp: 2791

Ion Ratio Lower Upper

43 100

72 27.7 17.4 26.0#



#31

Cyclohexane

Concen: 1.20 ug/l

RT: 5.382 min Scan# 1257

Delta R.T. -0.016 min

Lab File: VU042407.D

Acq: 22 Feb 2021 19:52

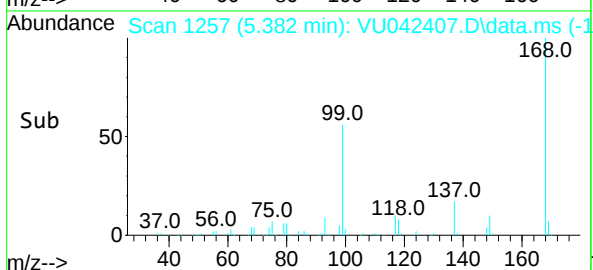
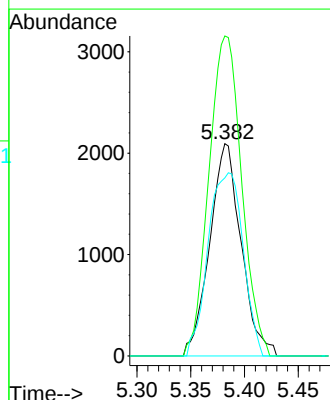
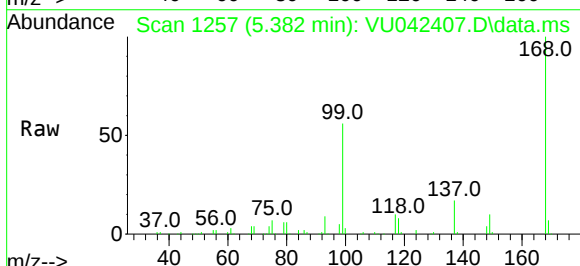
Tgt Ion: 56 Resp: 4251

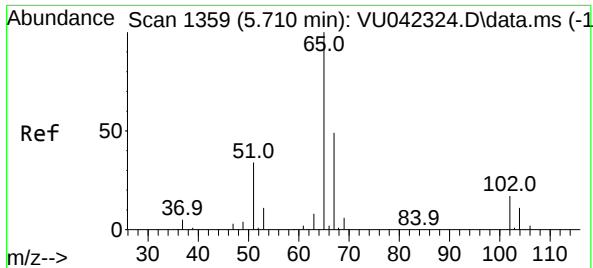
Ion Ratio Lower Upper

56 100

69 150.7 24.9 37.3#

84 83.9 63.7 95.5



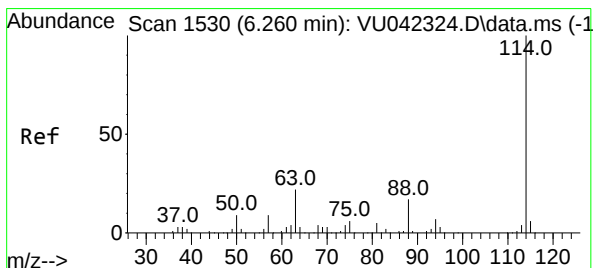
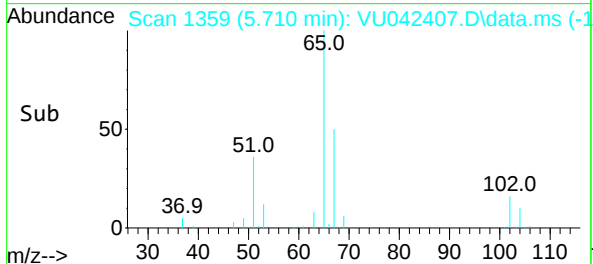
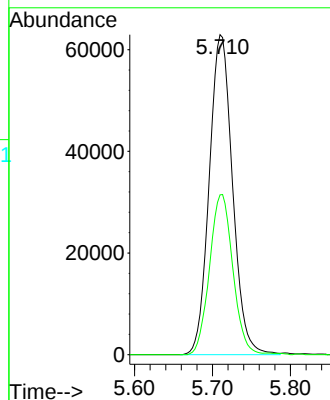
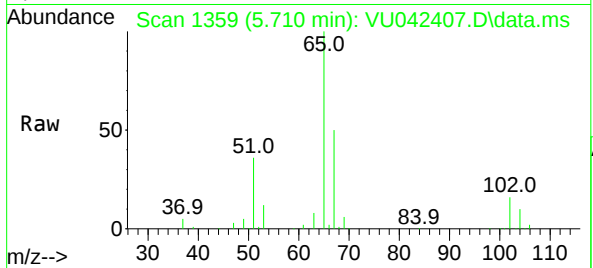


#33
 1,2-Dichloroethane-d4
 Concen: 48.50 ug/l
 RT: 5.710 min Scan# 1359
 Delta R.T. -0.000 min
 Lab File: VU042407.D
 Acq: 22 Feb 2021 19:52

Instrument :
 MSVOA_U
 ClientSampled :

Tgt Ion: 65 Resp: 130793

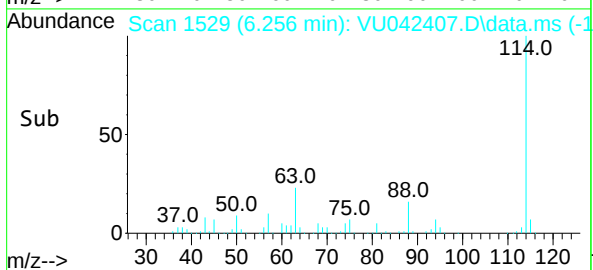
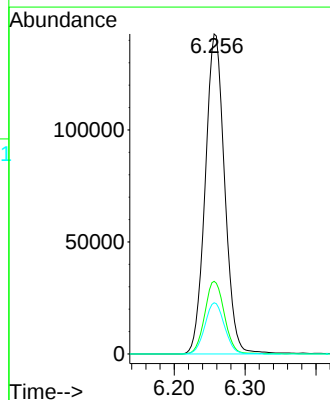
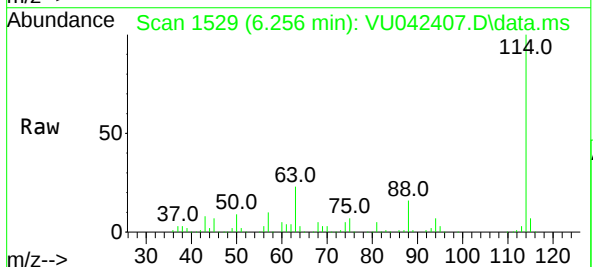
Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	99.8

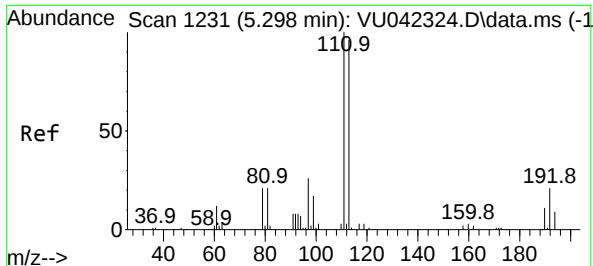


#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.256 min Scan# 1529
 Delta R.T. -0.003 min
 Lab File: VU042407.D
 Acq: 22 Feb 2021 19:52

Tgt Ion: 114 Resp: 271852

Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	44.2
88	16.0	0.0	33.4

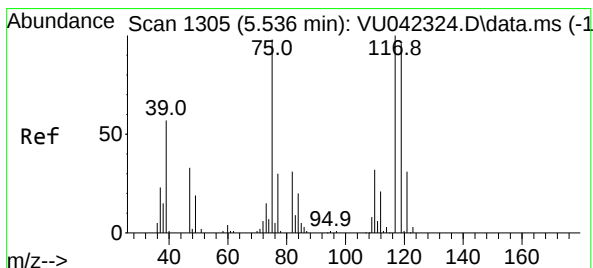
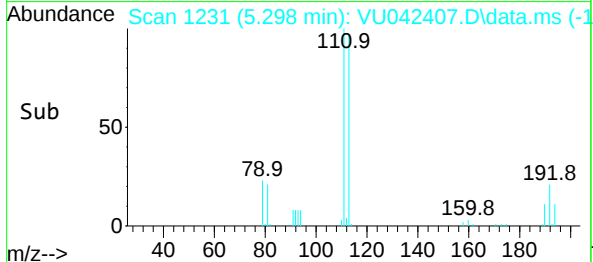
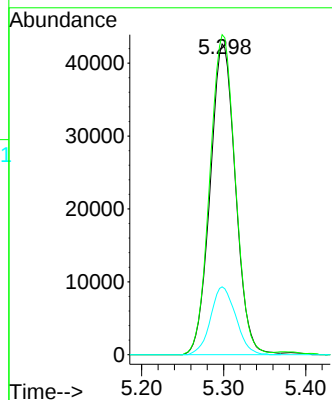
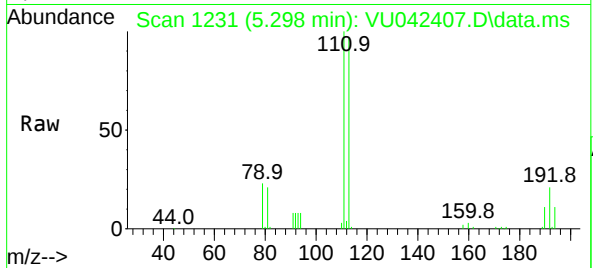




#35
Dibromofluoromethane
Concen: 47.69 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU042407.D
Acq: 22 Feb 2021 19:52

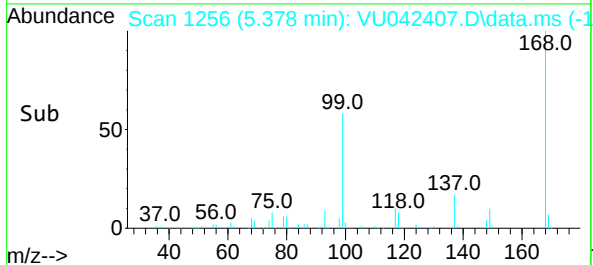
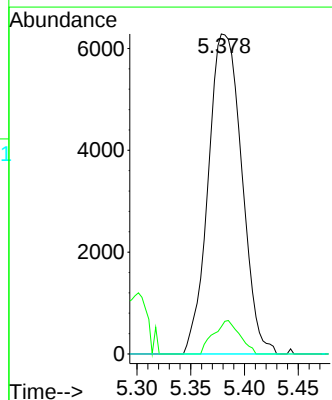
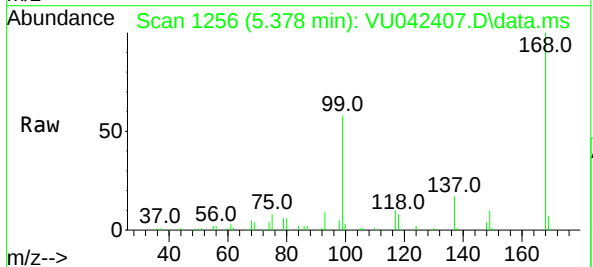
Instrument :
MSVOA_U
ClientSampleId :

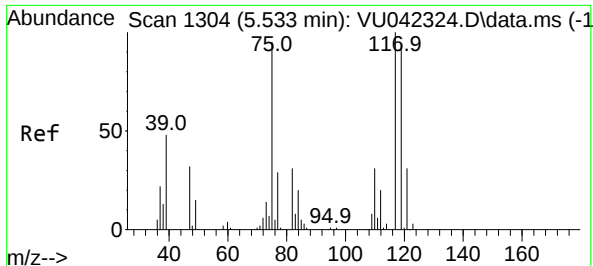
Tgt Ion:113 Resp: 91509
Ion Ratio Lower Upper
113 100
111 103.7 81.8 122.8
192 21.8 17.2 25.8



#36
1,1-Dichloropropene
Concen: 5.07 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.158 min
Lab File: VU042407.D
Acq: 22 Feb 2021 19:52

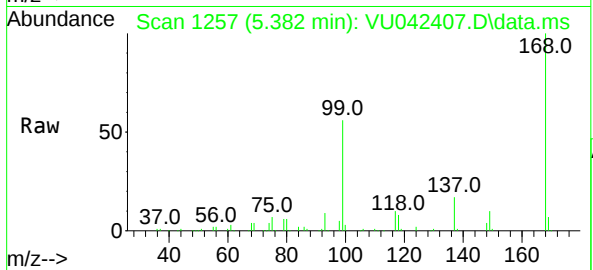
Tgt Ion: 75 Resp: 13627
Ion Ratio Lower Upper
75 100
110 8.2 16.8 50.3#
77 0.0 24.8 37.2#



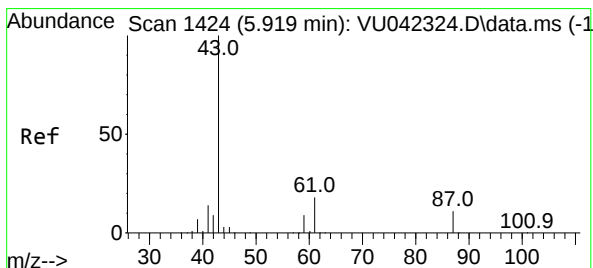
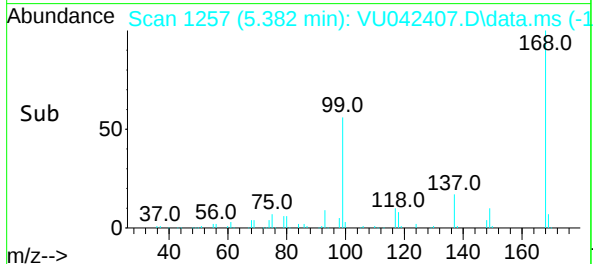
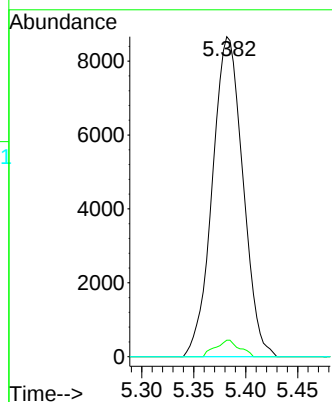


#38
Carbon Tetrachloride
Concen: 6.16 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU042407.D
Acq: 22 Feb 2021 19:52

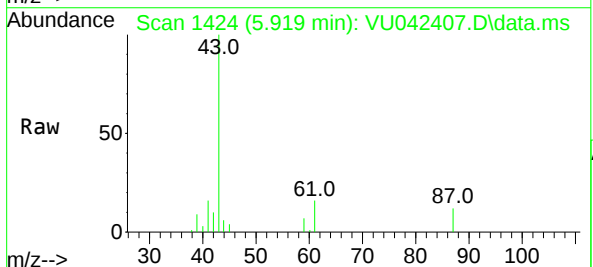
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MSVOA_U
ClientSampleId :



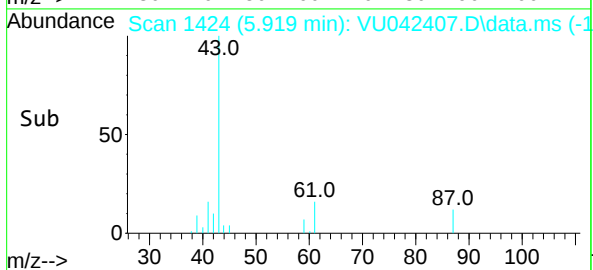
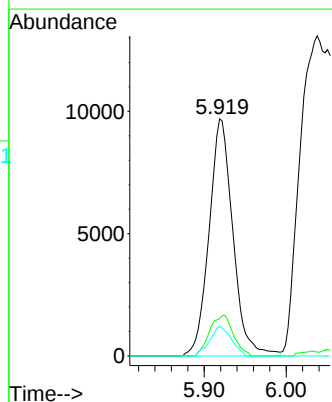
Tgt Ion:117 Resp: 17691
Ion Ratio Lower Upper
117 100
119 5.1 75.5 113.3#
121 0.0 24.7 37.1#

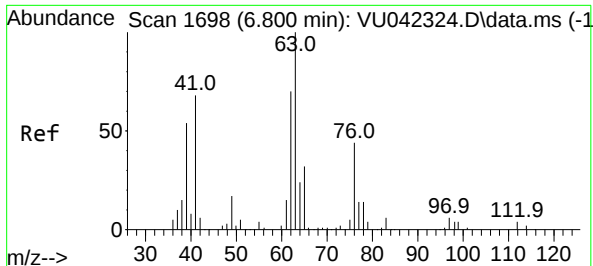


#43
Isopropyl Acetate
Concen: 3.19 ug/l
RT: 5.919 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VU042407.D
Acq: 22 Feb 2021 19:52



Tgt Ion: 43 Resp: 19599
Ion Ratio Lower Upper
43 100
61 17.1 14.4 21.6
87 11.2 8.8 13.2

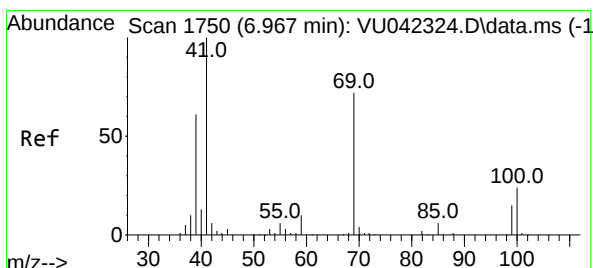
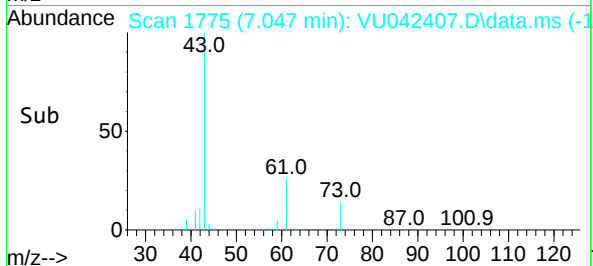
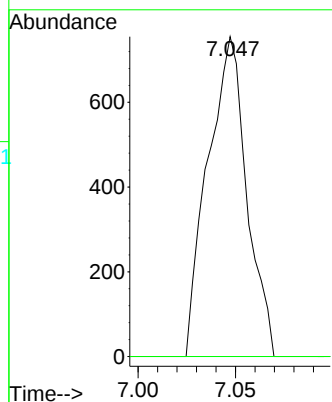
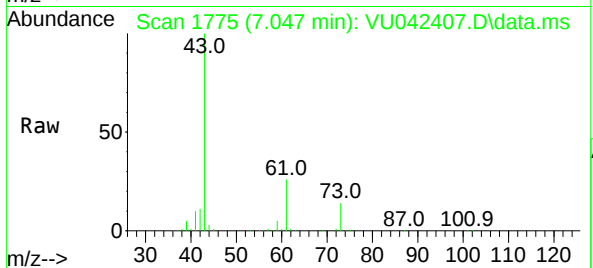




#45
1,2-Dichloropropane
Concen: 0.50 ug/l
RT: 7.047 min Scan# 1775
Delta R.T. 0.247 min
Lab File: VU042407.D
Acq: 22 Feb 2021 19:52

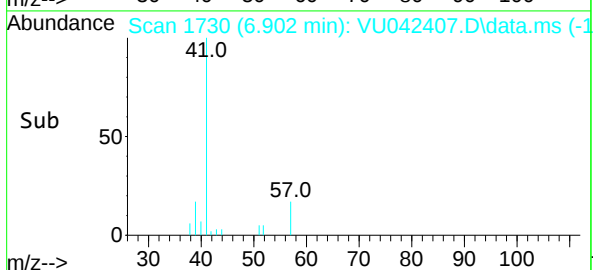
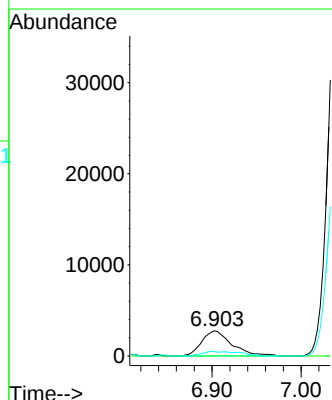
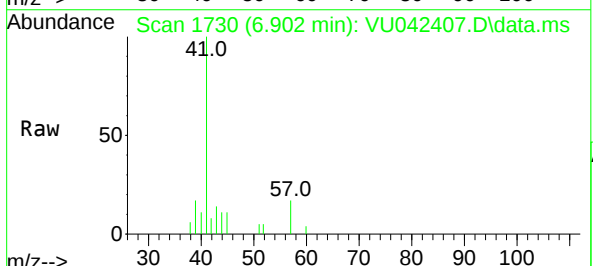
Instrument :
MSVOA_U
ClientSampled :

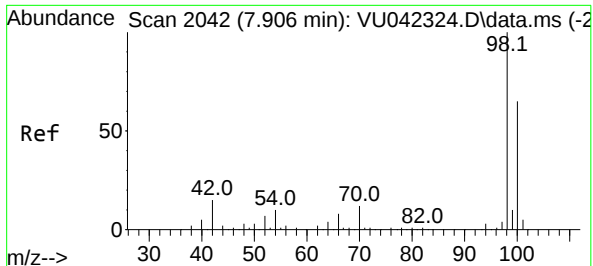
Tgt Ion: 63 Resp: 1049
Ion Ratio Lower Upper
63 100
65 0.0 25.4 38.2#



#48
Methyl methacrylate
Concen: 2.12 ug/l
RT: 6.902 min Scan# 1730
Delta R.T. -0.064 min
Lab File: VU042407.D
Acq: 22 Feb 2021 19:52

Tgt Ion: 41 Resp: 6450
Ion Ratio Lower Upper
41 100
69 0.0 57.0 85.6#
39 0.0 48.4 72.6#

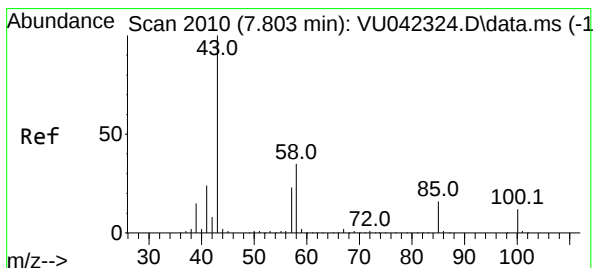
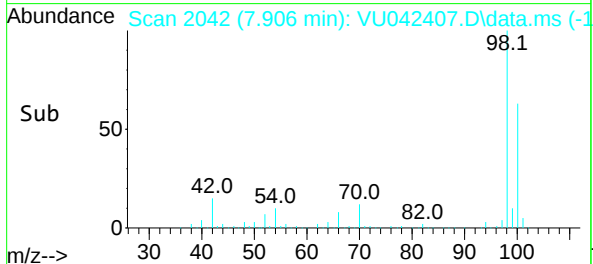
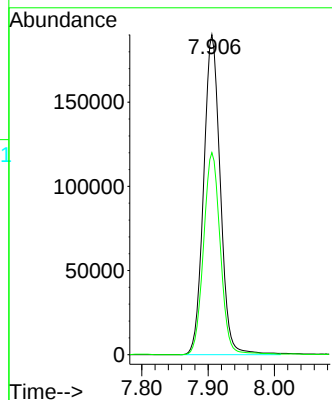
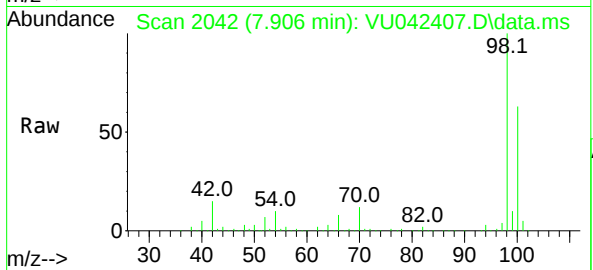




#50
Toluene-d8
Concen: 48.22 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042407.D
Acq: 22 Feb 2021 19:52

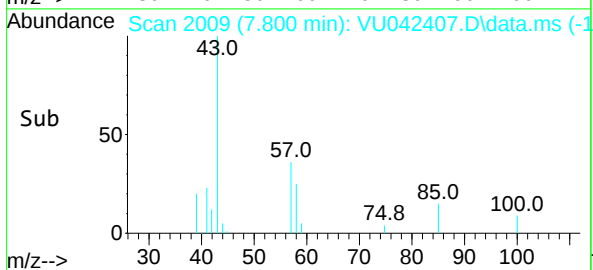
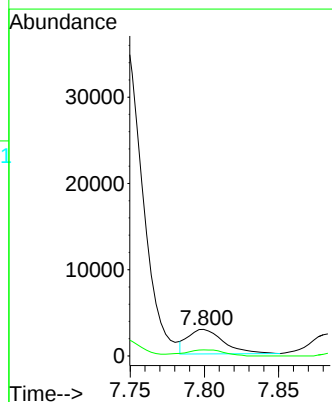
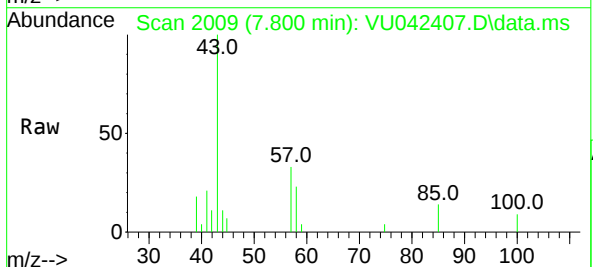
Instrument :
MSVOA_U
ClientSampled :

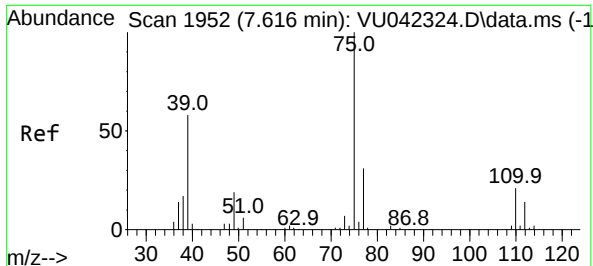
Tgt Ion: 98 Resp: 331365
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.14 ug/l
RT: 7.800 min Scan# 2009
Delta R.T. -0.003 min
Lab File: VU042407.D
Acq: 22 Feb 2021 19:52

Tgt Ion: 43 Resp: 4736
Ion Ratio Lower Upper
43 100
58 27.7 28.1 42.1#

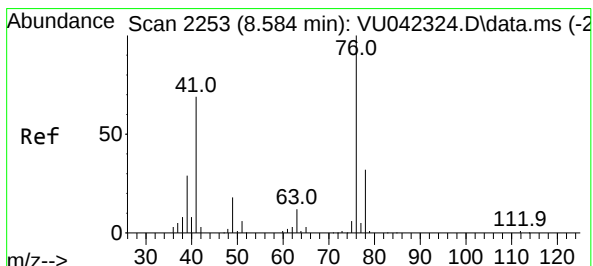
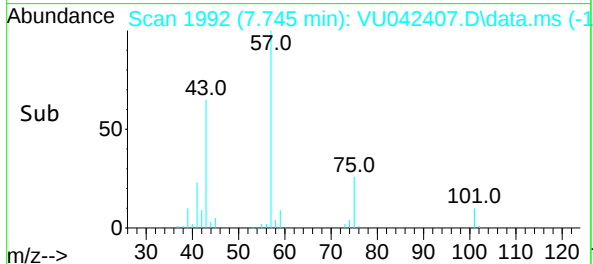
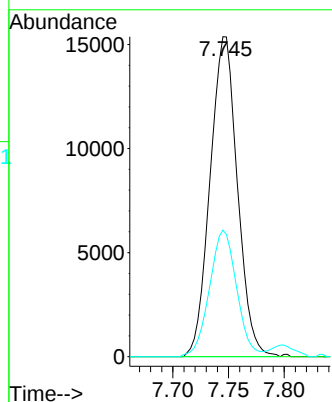
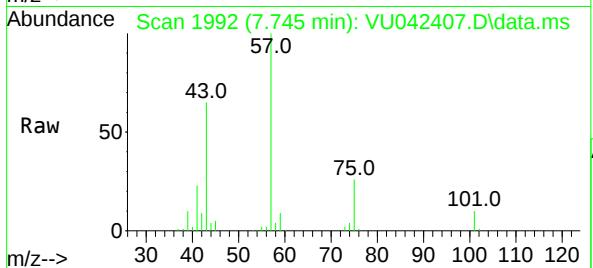




#54
 cis-1,3-Dichloropropene
 Concen: 7.84 ug/l
 RT: 7.745 min Scan# 1992
 Delta R.T. 0.128 min
 Lab File: VU042407.D
 Acq: 22 Feb 2021 19:52

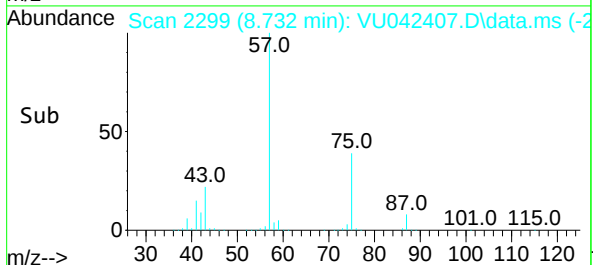
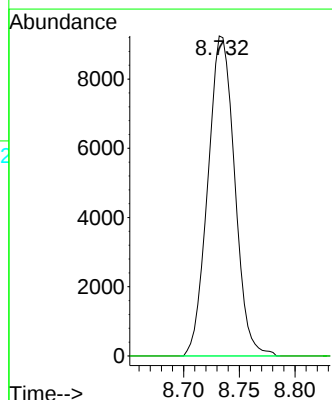
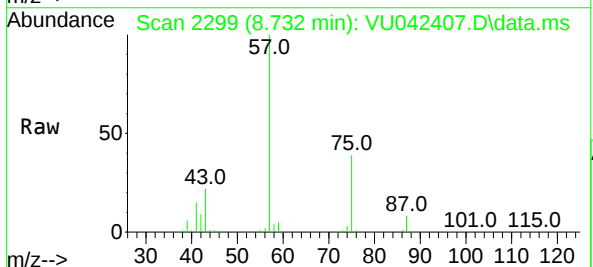
Instrument :
 MSVOA_U
 ClientSampleId :

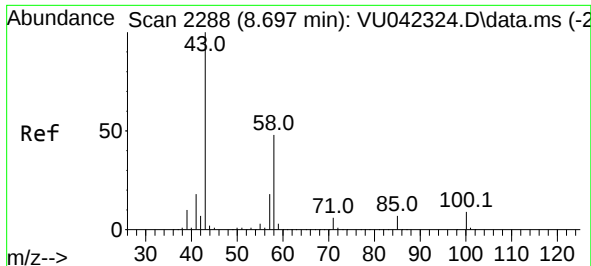
Tgt Ion: 75 Resp: 26263
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.6 37.0#
 39 39.6 46.1 69.1#



#57
 1,3-Dichloropropane
 Concen: 4.58 ug/l
 RT: 8.732 min Scan# 2299
 Delta R.T. 0.148 min
 Lab File: VU042407.D
 Acq: 22 Feb 2021 19:52

Tgt Ion: 76 Resp: 15500
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.7 38.5#

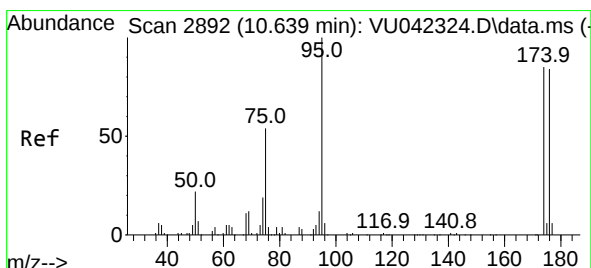
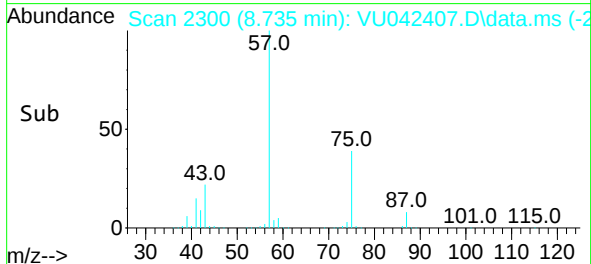
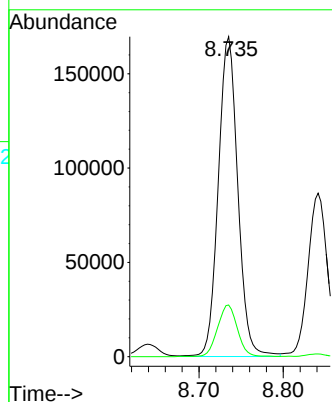
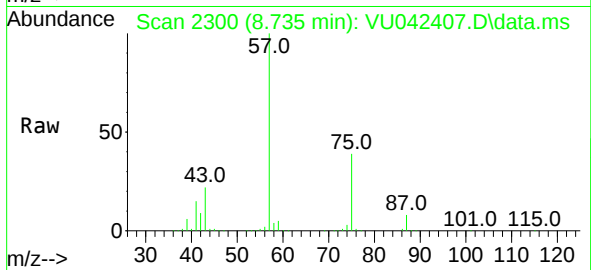




#59
2-Hexanone
Concen: 81.89 ug/l
RT: 8.735 min Scan# 2300
Delta R.T. 0.038 min
Lab File: VU042407.D
Acq: 22 Feb 2021 19:52

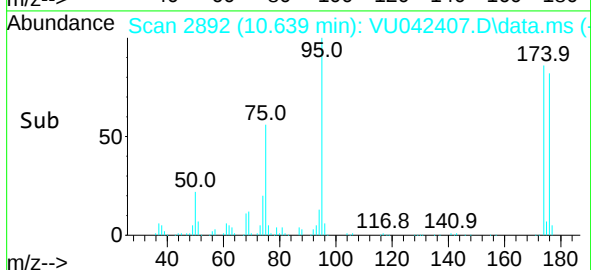
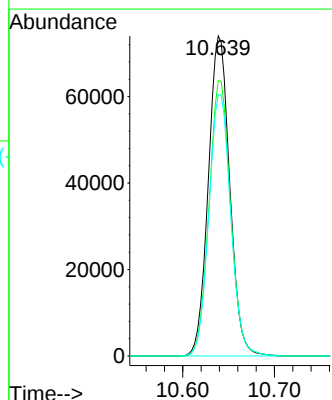
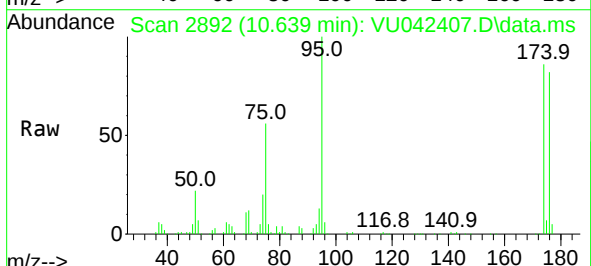
Instrument :
MSVOA_U
ClientSampled :

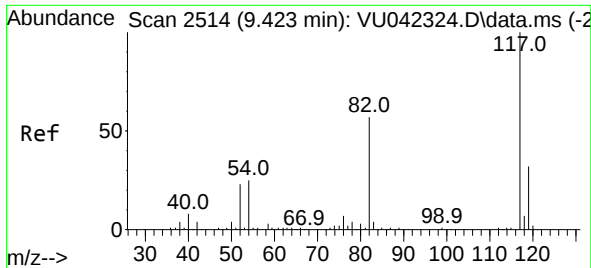
Tgt Ion: 43 Resp: 271957
Ion Ratio Lower Upper
43 100
58 16.6 24.0 72.0#



#62
4-Bromofluorobenzene
Concen: 44.27 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU042407.D
Acq: 22 Feb 2021 19:52

Tgt Ion: 95 Resp: 119913
Ion Ratio Lower Upper
95 100
174 86.7 0.0 172.2
176 83.6 0.0 168.8

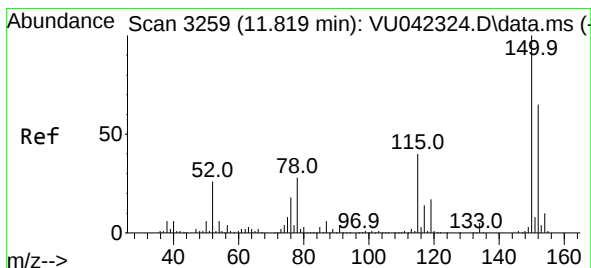
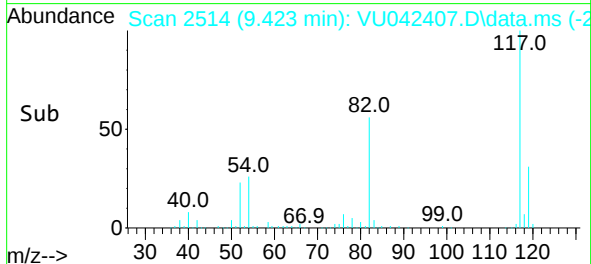
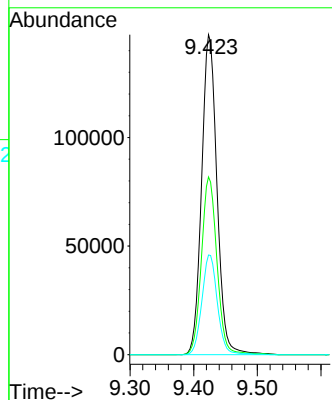
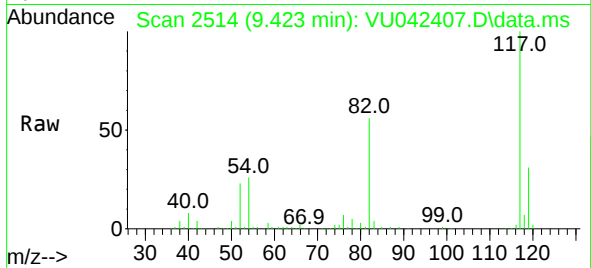




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.000 min
Lab File: VU042407.D
Acq: 22 Feb 2021 19:52

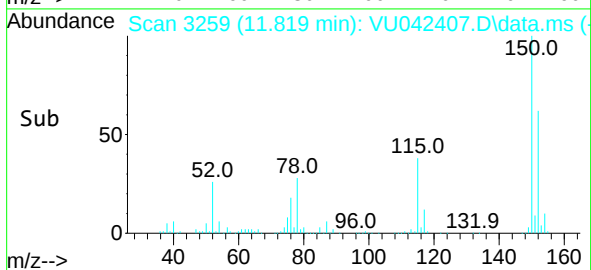
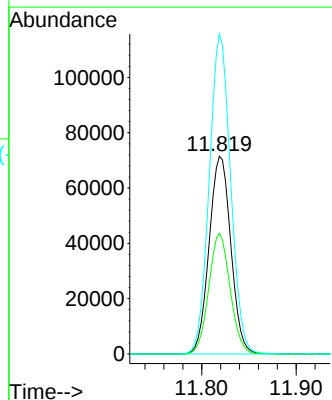
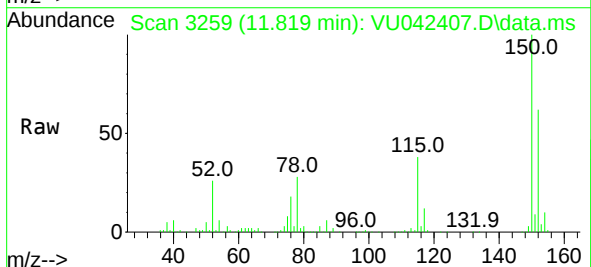
Instrument :
MSVOA_U
ClientSampleId :

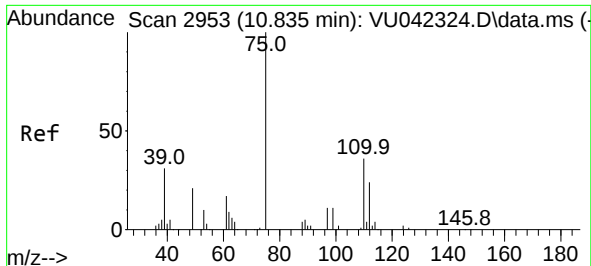
Tgt Ion:117 Resp: 247423
Ion Ratio Lower Upper
117 100
82 55.6 45.8 68.6
119 31.1 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU042407.D
Acq: 22 Feb 2021 19:52

Tgt Ion:152 Resp: 114123
Ion Ratio Lower Upper
152 100
115 59.8 41.5 124.6
150 158.9 0.0 342.4

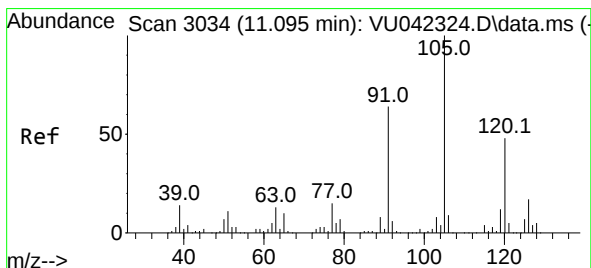
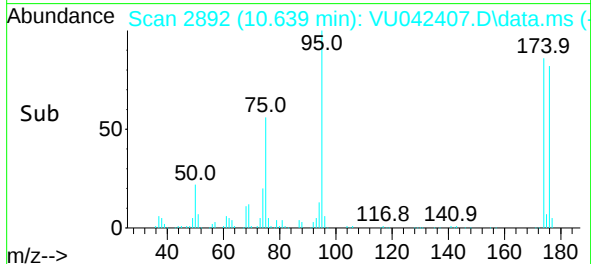
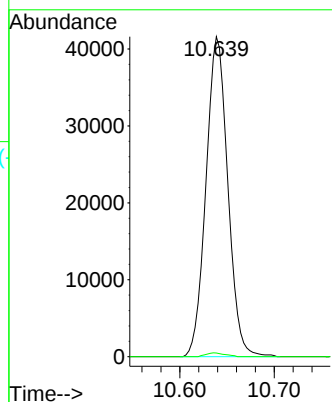
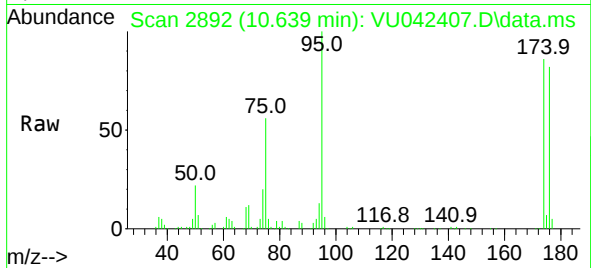




#76
1,2,3-Trichloropropane
Concen: 23.64 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.196 min
Lab File: VU042407.D
Acq: 22 Feb 2021 19:52

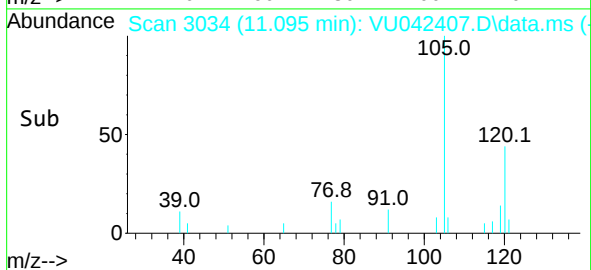
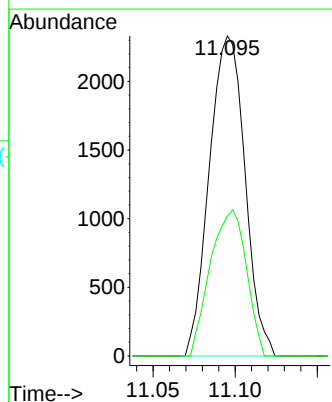
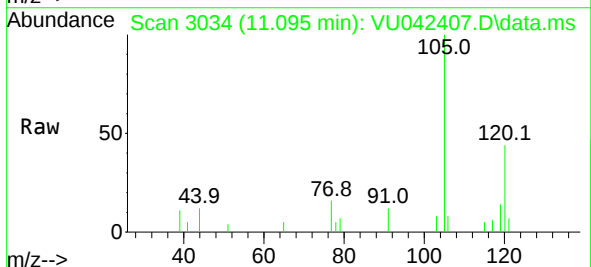
Instrument :
MSVOA_U
ClientSampled :

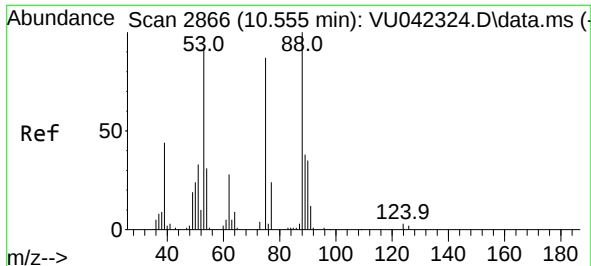
Tgt Ion: 75 Resp: 66718
Ion Ratio Lower Upper
75 100
77 1.1 20.2 60.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.54 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU042407.D
Acq: 22 Feb 2021 19:52

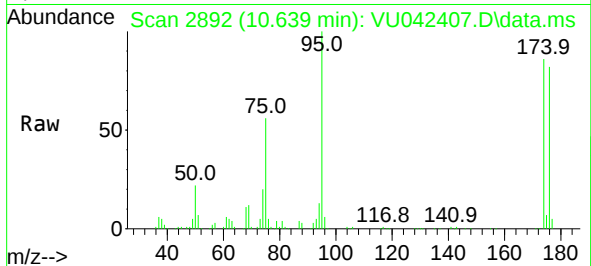
Tgt Ion: 105 Resp: 3517
Ion Ratio Lower Upper
105 100
120 46.1 23.8 71.4



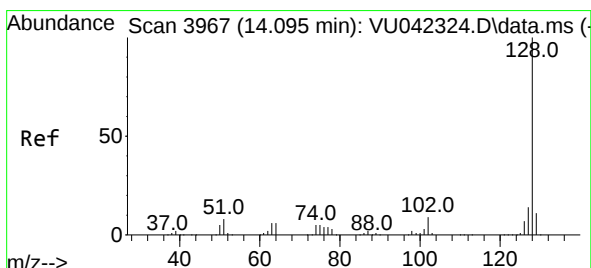
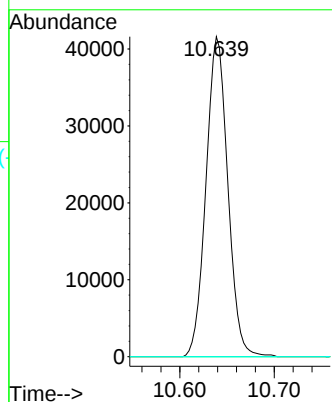
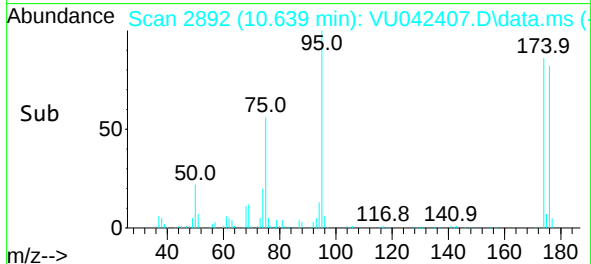


#81
trans-1,4-Dichloro-2-butene
Concen: 64.28 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.083 min
Lab File: VU042407.D
Acq: 22 Feb 2021 19:52

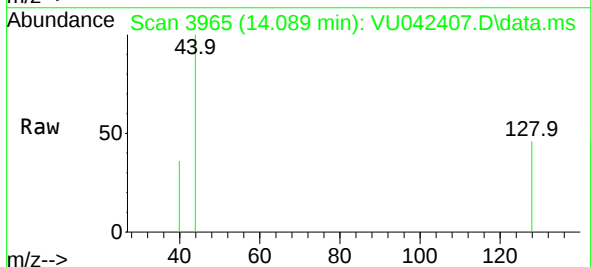
Instrument :
MSVOA_U
ClientSampled :



Tgt Ion: 75 Resp: 66718
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#



#95
Naphthalene
Concen: 2.24 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. -0.006 min
Lab File: VU042407.D
Acq: 22 Feb 2021 19:52



Tgt Ion: 128 Resp: 208
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#

