

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041921\
 Data File : VU043206.D
 Acq On : 19 Apr 2021 19:53
 Operator : SY/MD
 Sample : PB135814ZHE#09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 20 02:59:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 12 13:17:29 2021
 Response via : Initial Calibration

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

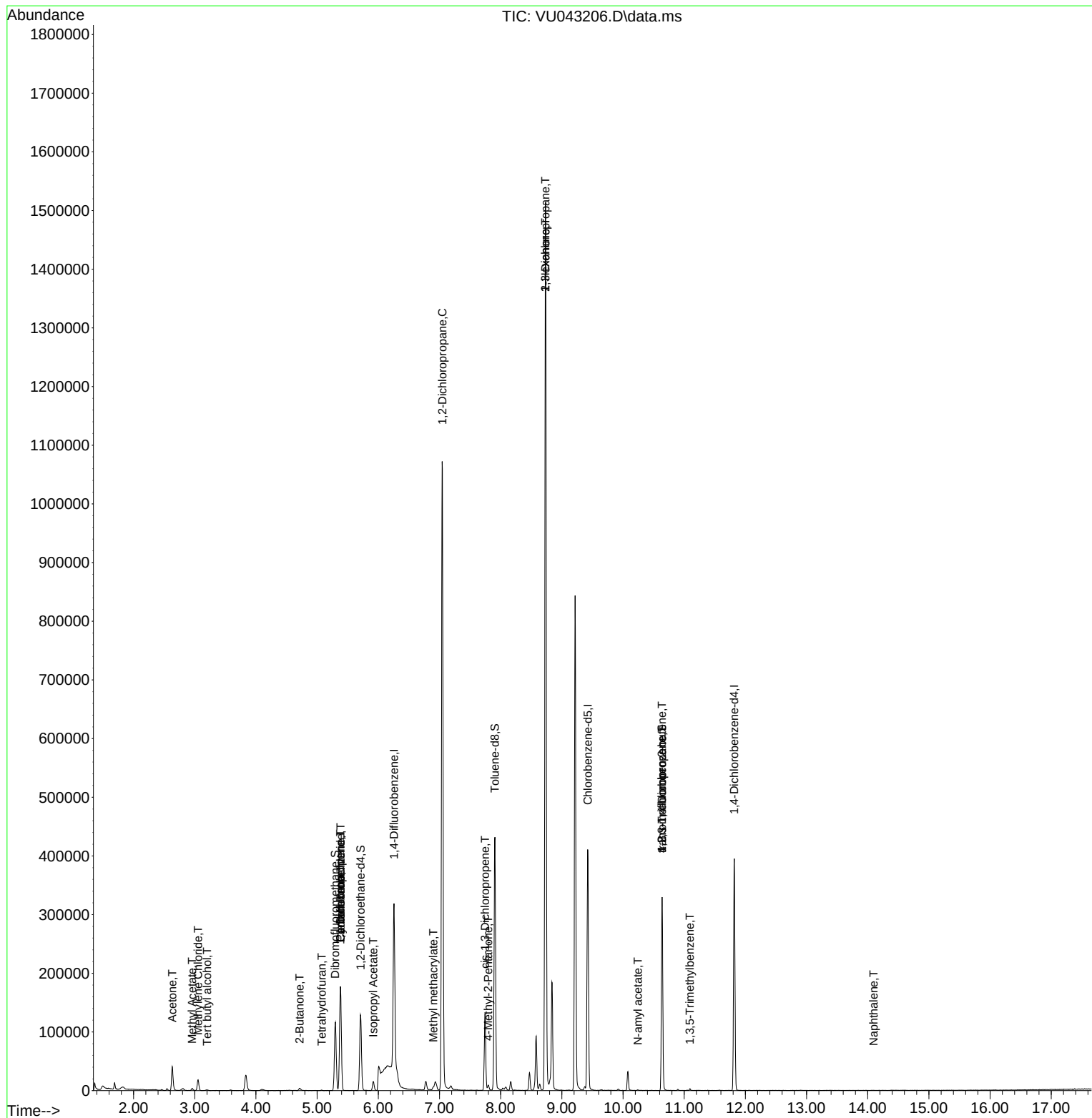
Internal Standards						
1) Pentafluorobenzene	5.382	168	121157	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	206716	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	205528	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	96616	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	101676	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.84%	
35) Dibromofluoromethane	5.295	113	69941	45.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.06%	
50) Toluene-d8	7.906	98	262397	47.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.48%	
62) 4-Bromofluorobenzene	10.639	95	95309	43.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.60%	
Target Compounds					Qvalue	
3) Chloromethane	1.520	50	416	Below Cal	#	41
11) Tert butyl alcohol	3.202	59	1207	2.30	ug/l #	94
16) Acetone	2.633	43	48033	39.82	ug/l	98
18) Methyl Acetate	2.957	43	5153	2.02	ug/l	94
20) Methylene Chloride	3.054	84	7696	5.32	ug/l	99
25) 2-Butanone	4.713	43	6723	3.63	ug/l	95
29) Tetrahydrofuran	5.076	42	502	0.43	ug/l #	37
31) Cyclohexane	5.382	56	3112	1.24	ug/l #	11
36) 1,1-Dichloropropene	5.379	75	9511	4.34	ug/l #	49
38) Carbon Tetrachloride	5.382	117	12663	5.39	ug/l #	17
43) Isopropyl Acetate	5.919	43	17342	3.24	ug/l	95
45) 1,2-Dichloropropane	7.047	63	1106	0.63	ug/l #	43
48) Methyl methacrylate	6.899	41	7224	2.69	ug/l #	17
51) 4-Methyl-2-Pentanone	7.796	43	5845	1.48	ug/l	95
54) cis-1,3-Dichloropropene	7.745	75	18838	6.85	ug/l #	69
57) 1,3-Dichloropropane	8.732	76	13712	4.76	ug/l #	43
59) 2-Hexanone	8.732	43	242325	74.38	ug/l #	53
74) N-amyl acetate	10.243	43	1207	0.29	ug/l #	48
76) 1,2,3-Trichloropropane	10.639	75	56016	19.84	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.092	105	1860	0.32	ug/l	95
81) trans-1,4-Dichloro-2-b...	10.639	75	56016	58.30	ug/l #	7
95) Naphthalene	14.098	128	78	2.75	ug/l #	69

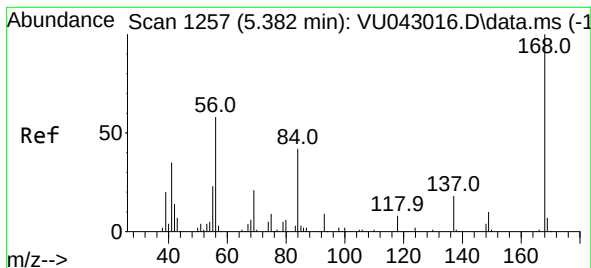
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId :

Quant Time: Apr 20 02:59:28 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
Quant Title : SW846 8260
QLast Update : Mon Apr 12 13:17:29 2021
Response via : Initial Calibration

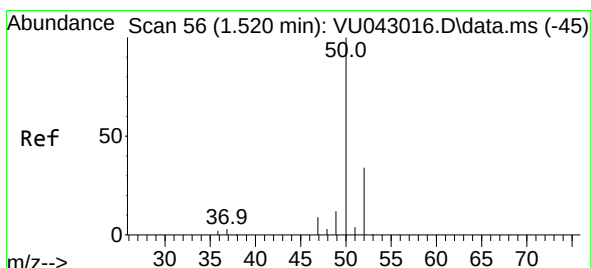
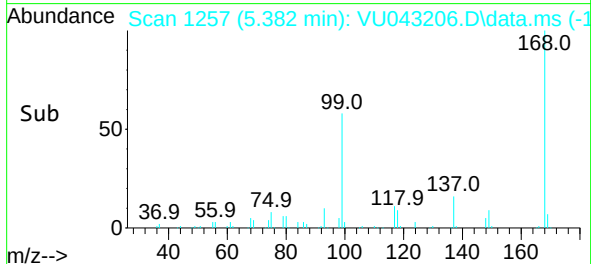
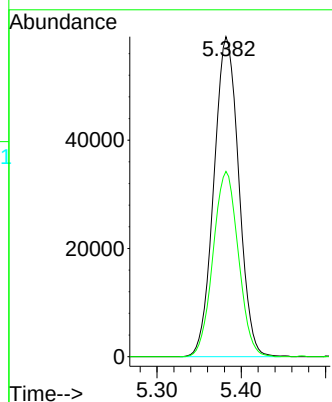
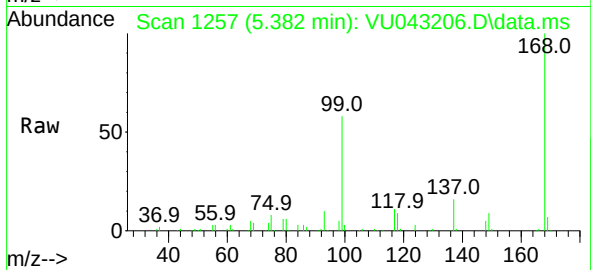




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043206.D
Acq: 19 Apr 2021 19:53

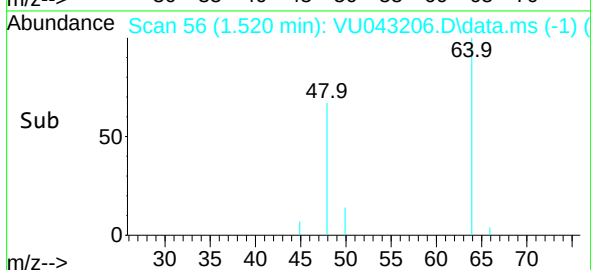
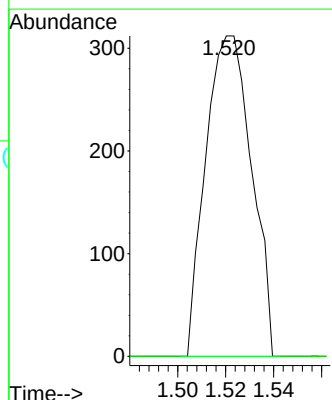
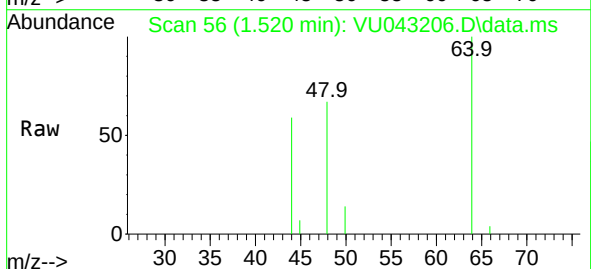
Instrument :
MSVOA_U
ClientSampled :

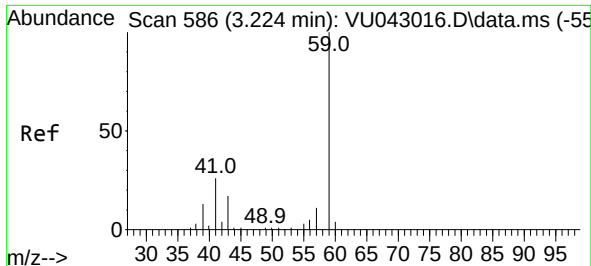
Tgt Ion:168 Resp: 121157
Ion Ratio Lower Upper
168 100
99 57.9 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU043206.D
Acq: 19 Apr 2021 19:53

Tgt Ion: 50 Resp: 416
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#

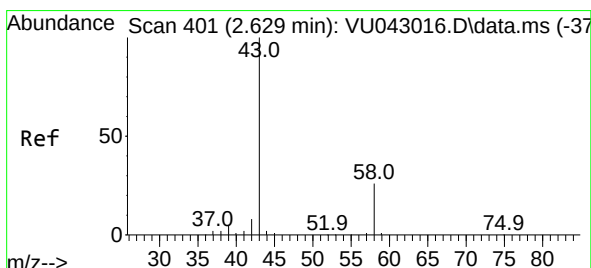
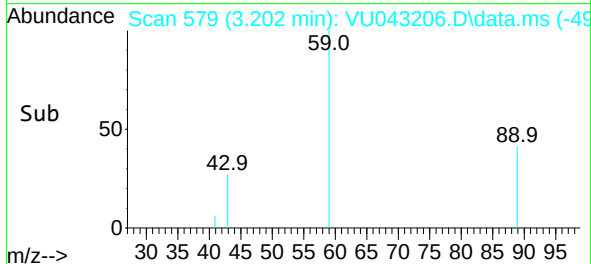
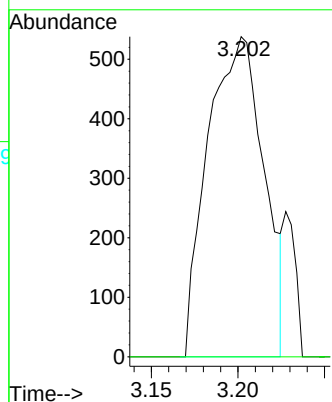
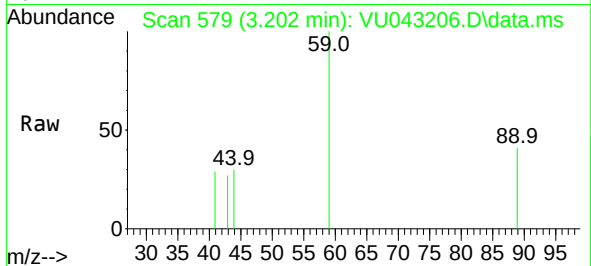




#11
Tert butyl alcohol
Concen: 2.30 ug/l
RT: 3.202 min Scan# 579
Delta R.T. -0.022 min
Lab File: VU043206.D
Acq: 19 Apr 2021 19:53

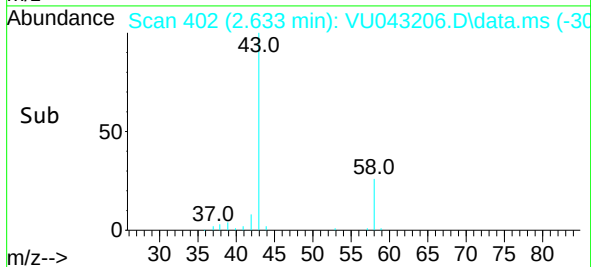
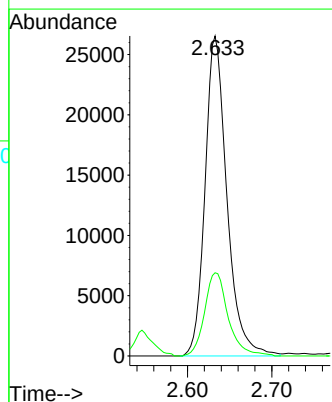
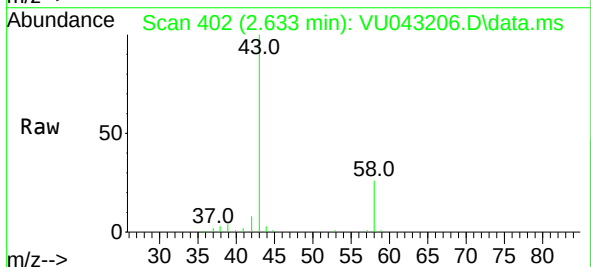
Instrument :
MSVOA_U
ClientSampled :

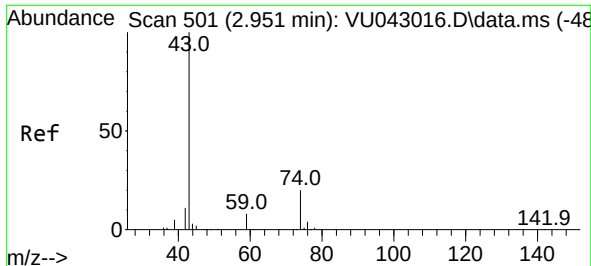
Tgt Ion: 59 Resp: 1207
Ion Ratio Lower Upper
59 100
57 0.0 1.6 2.4#



#16
Acetone
Concen: 39.82 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.004 min
Lab File: VU043206.D
Acq: 19 Apr 2021 19:53

Tgt Ion: 43 Resp: 48033
Ion Ratio Lower Upper
43 100
58 26.0 21.5 32.3

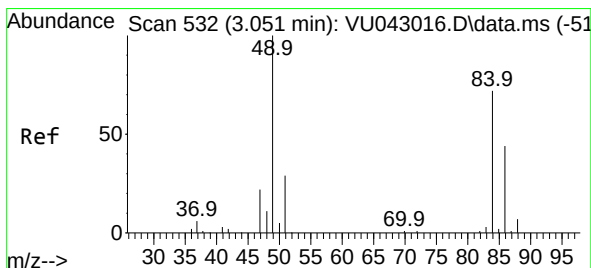
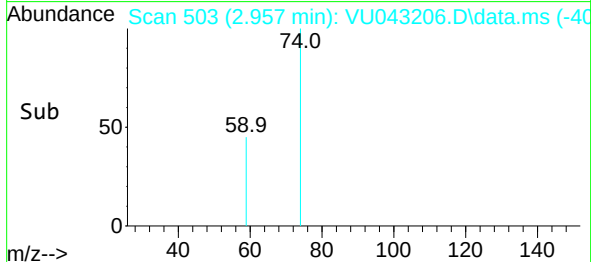
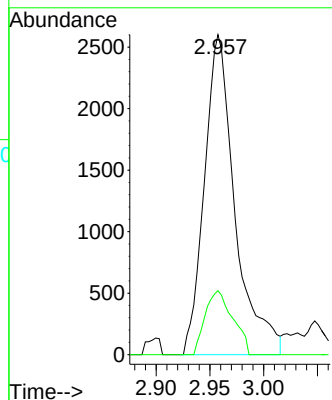
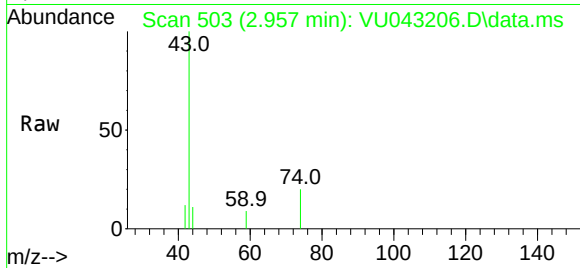




#18
Methyl Acetate
Concen: 2.02 ug/l
RT: 2.957 min Scan# 503
Delta R.T. 0.006 min
Lab File: VU043206.D
Acq: 19 Apr 2021 19:53

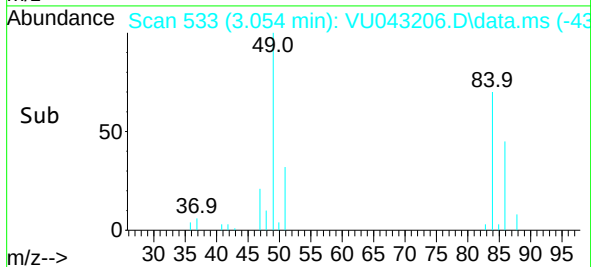
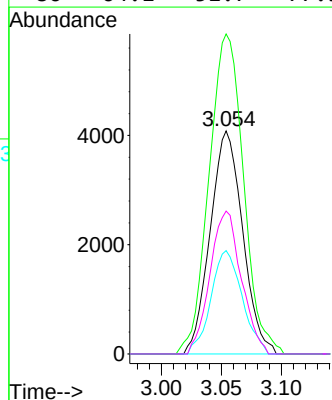
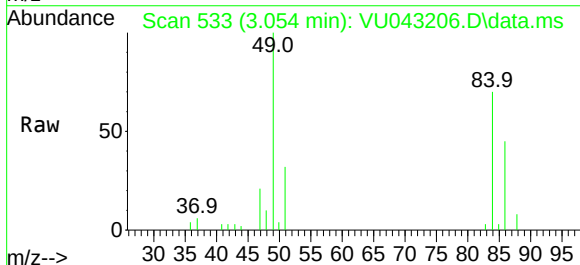
Instrument :
MSVOA_U
ClientSampled :

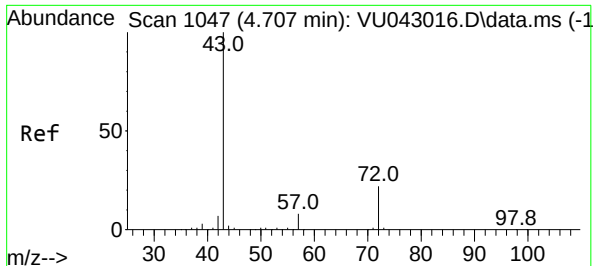
Tgt Ion: 43 Resp: 5153
Ion Ratio Lower Upper
43 100
74 18.0 16.6 25.0



#20
Methylene Chloride
Concen: 5.32 ug/l
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU043206.D
Acq: 19 Apr 2021 19:53

Tgt Ion: 84 Resp: 7696
Ion Ratio Lower Upper
84 100
49 140.8 112.6 169.0
51 46.3 33.7 50.5
86 64.1 51.7 77.5





#25

2-Butanone

Concen: 3.63 ug/l

RT: 4.713 min Scan# 1049

Delta R.T. 0.006 min

Lab File: VU043206.D

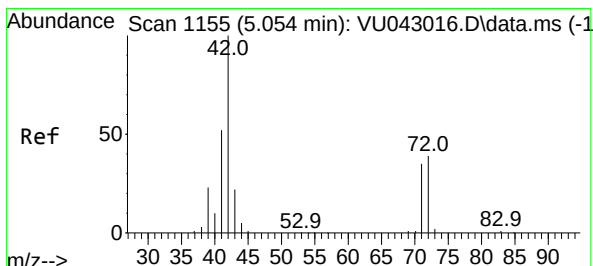
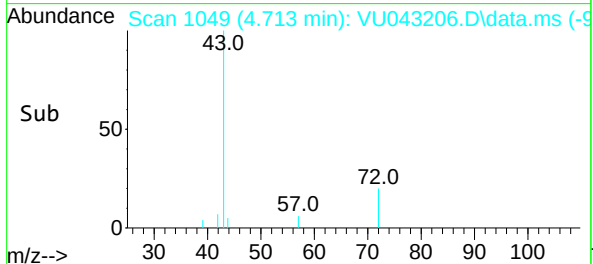
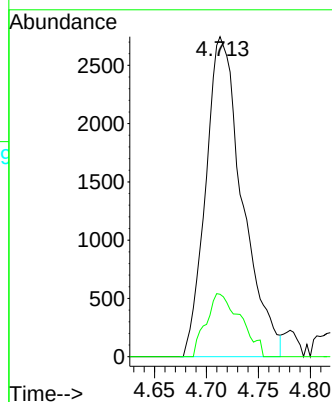
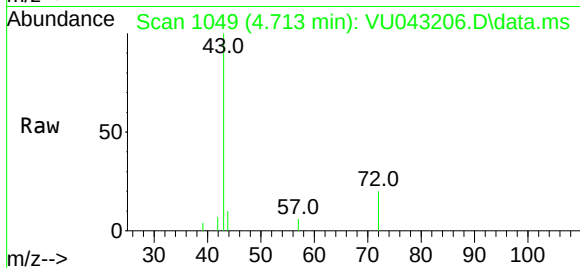
Acq: 19 Apr 2021 19:53

Tgt Ion: 43 Resp: 6723

Ion Ratio Lower Upper

43 100

72 19.5 17.4 26.0



#29

Tetrahydrofuran

Concen: 0.43 ug/l

RT: 5.076 min Scan# 1162

Delta R.T. 0.022 min

Lab File: VU043206.D

Acq: 19 Apr 2021 19:53

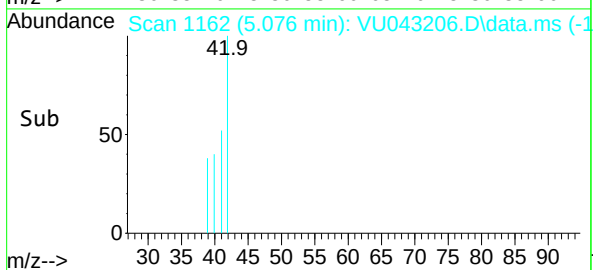
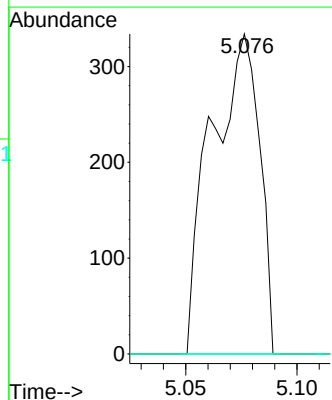
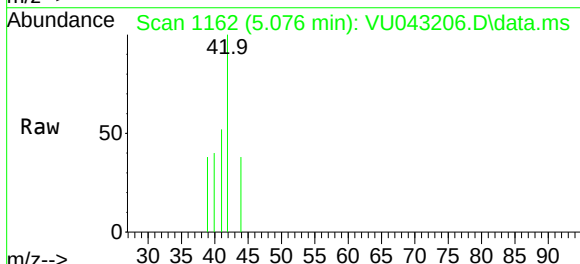
Tgt Ion: 42 Resp: 502

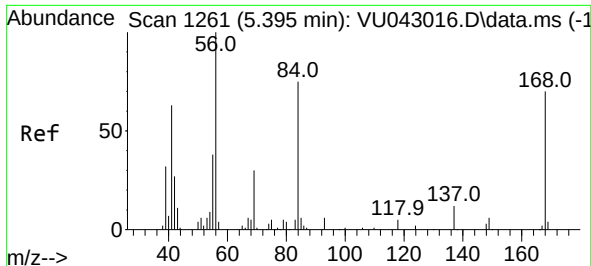
Ion Ratio Lower Upper

42 100

72 0.0 31.5 47.3#

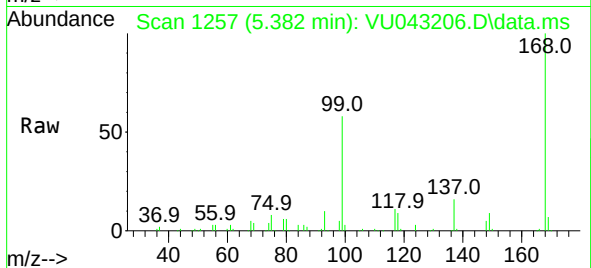
71 0.0 29.5 44.3#



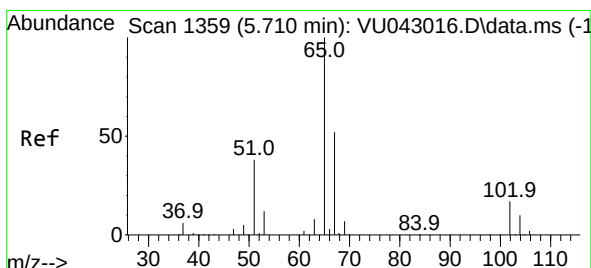
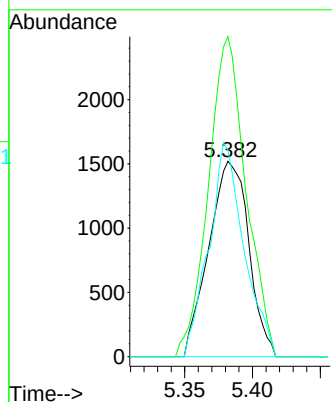
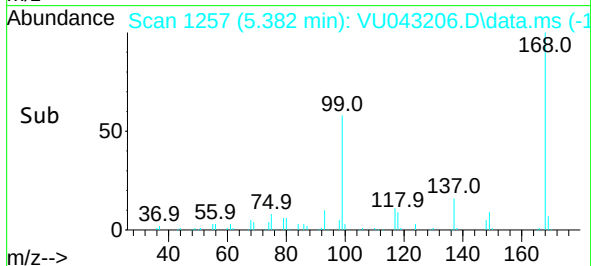


#31
Cyclohexane
Concen: 1.24 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.013 min
Lab File: VU043206.D
Acq: 19 Apr 2021 19:53

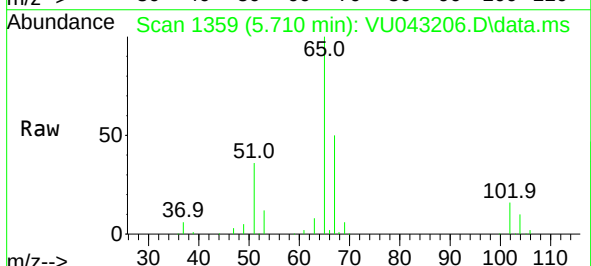
Instrument :
MSVOA_U
ClientSampleId :



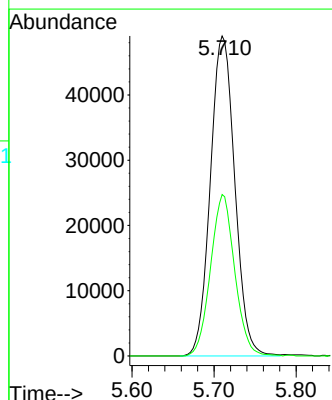
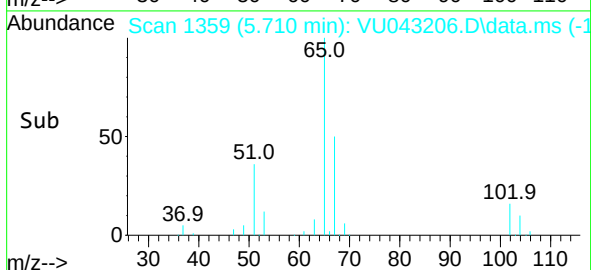
Tgt Ion: 56 Resp: 3112
Ion Ratio Lower Upper
56 100
69 163.8 24.9 37.3#
84 105.9 63.7 95.5#

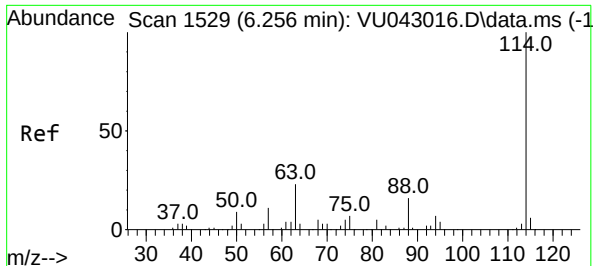


#33
1,2-Dichloroethane-d4
Concen: 49.92 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043206.D
Acq: 19 Apr 2021 19:53



Tgt Ion: 65 Resp: 101676
Ion Ratio Lower Upper
65 100
67 49.9 0.0 99.8

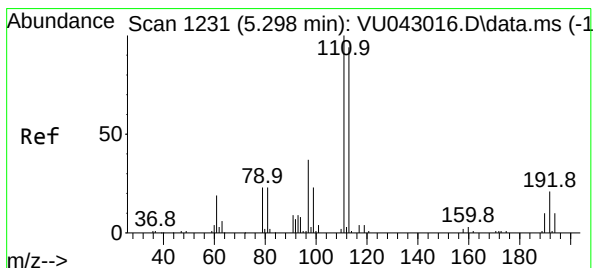
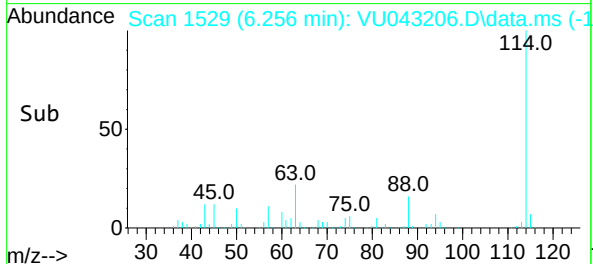
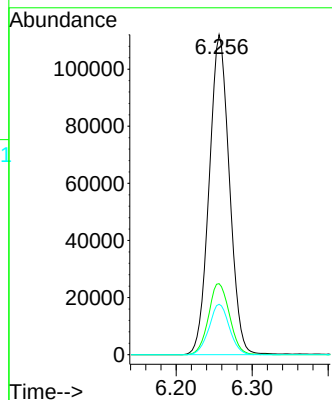
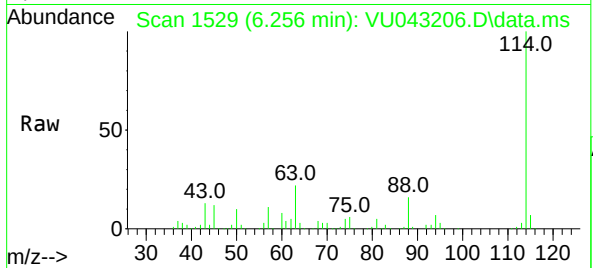




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043206.D
Acq: 19 Apr 2021 19:53

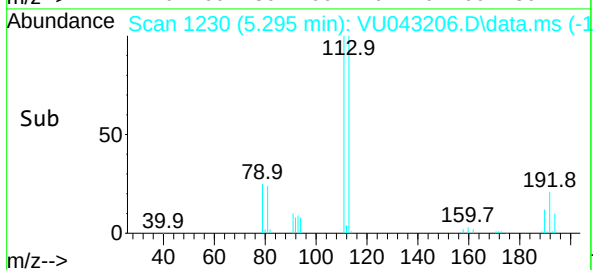
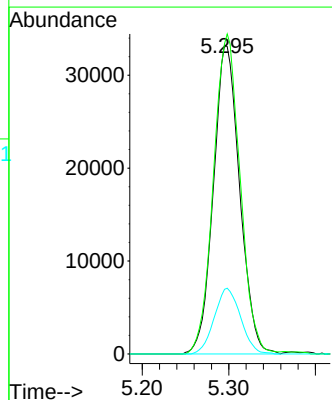
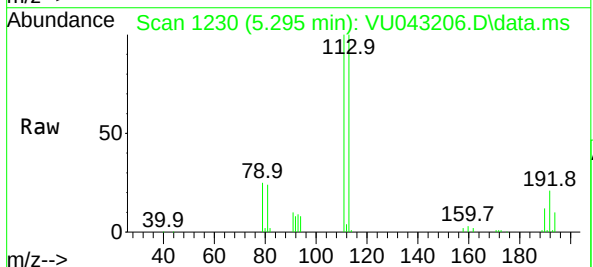
Instrument :
MSVOA_U
ClientSampled :

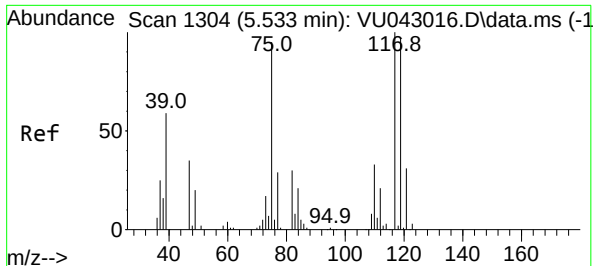
Tgt Ion:114 Resp: 206716
Ion Ratio Lower Upper
114 100
63 22.2 0.0 44.2
88 15.8 0.0 33.4



#35
Dibromofluoromethane
Concen: 45.03 ug/l
RT: 5.295 min Scan# 1230
Delta R.T. -0.003 min
Lab File: VU043206.D
Acq: 19 Apr 2021 19:53

Tgt Ion:113 Resp: 69941
Ion Ratio Lower Upper
113 100
111 105.1 81.8 122.8
192 21.3 17.2 25.8

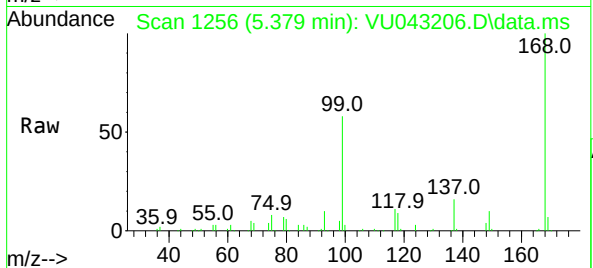




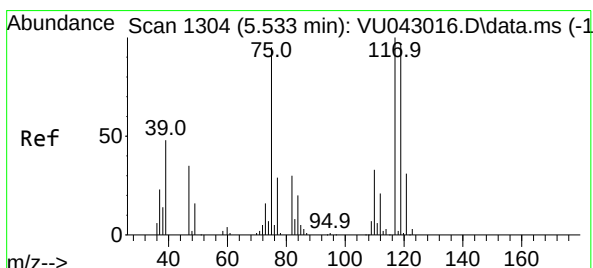
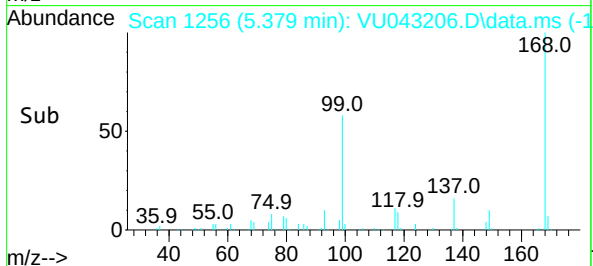
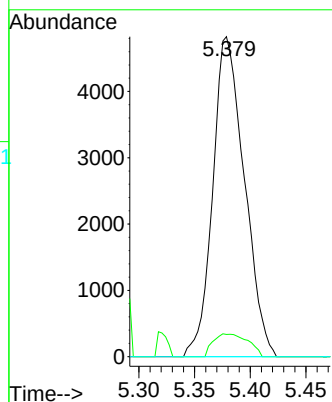
#36

1,1-Dichloropropene
Concen: 4.34 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.154 min
Lab File: VU043206.D
Acq: 19 Apr 2021 19:53

Instrument :
MSVOA_U
ClientSampled :

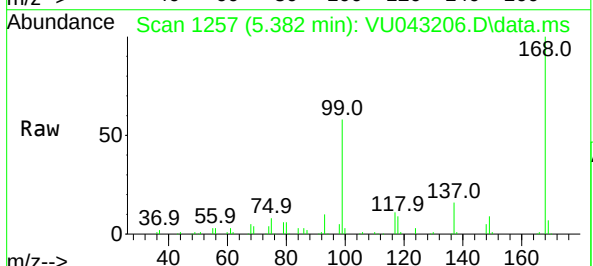


Tgt Ion: 75 Resp: 9511
Ion Ratio Lower Upper
75 100
110 7.8 16.8 50.3#
77 0.0 24.8 37.2#

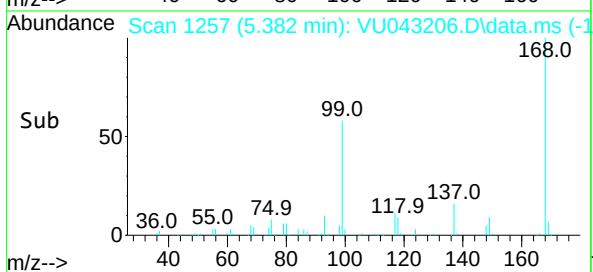
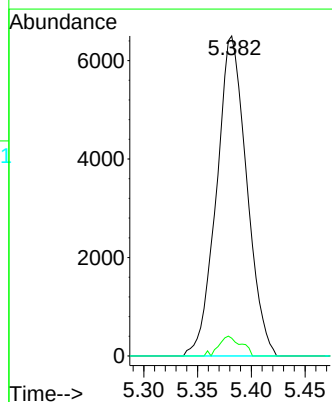


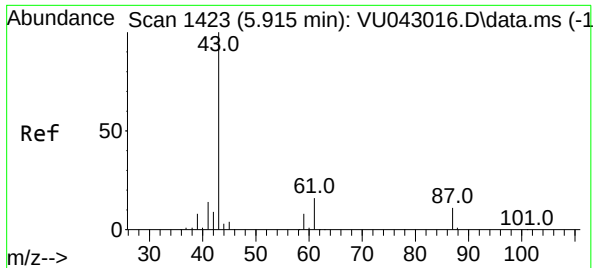
#38

Carbon Tetrachloride
Concen: 5.39 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043206.D
Acq: 19 Apr 2021 19:53



Tgt Ion: 117 Resp: 12663
Ion Ratio Lower Upper
117 100
119 5.5 75.5 113.3#
121 0.0 24.7 37.1#

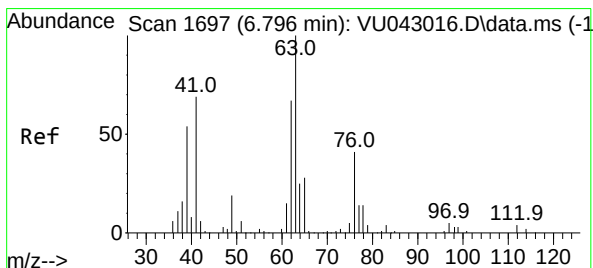
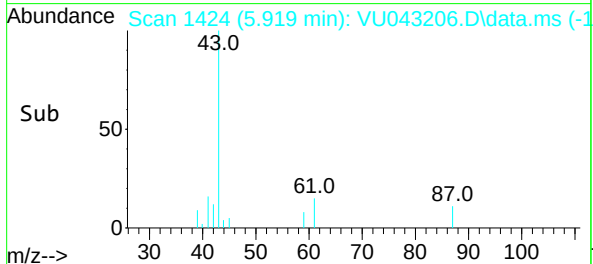
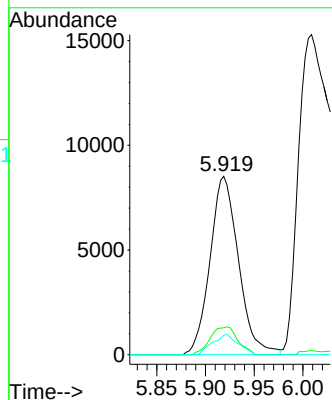
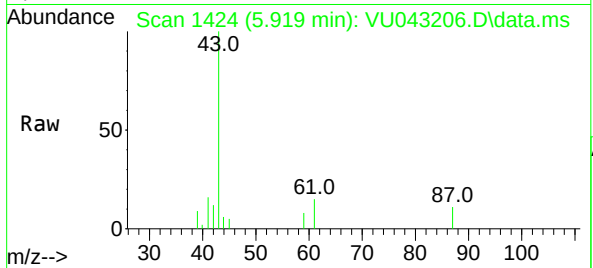




#43
Isopropyl Acetate
Concen: 3.24 ug/l
RT: 5.919 min Scan# 1424
Delta R.T. 0.004 min
Lab File: VU043206.D
Acq: 19 Apr 2021 19:53

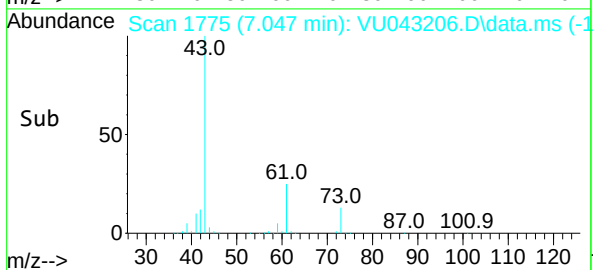
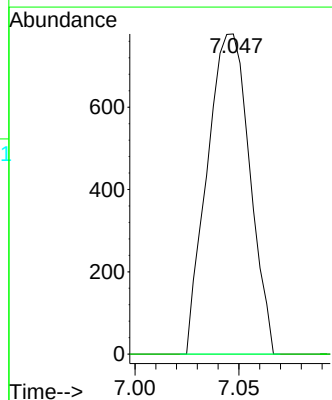
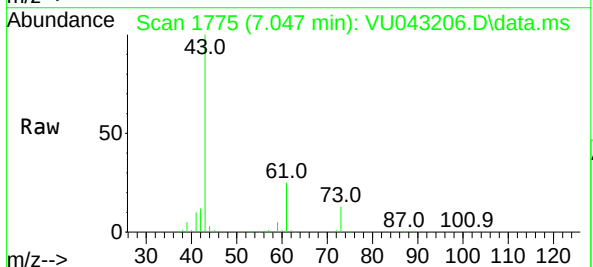
Instrument :
MSVOA_U
ClientSampled :

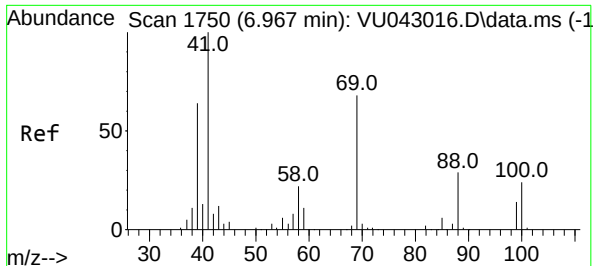
Tgt Ion:	43	Resp:	17342
Ion	Ratio	Lower	Upper
43	100		
61	15.1	14.4	21.6
87	10.1	8.8	13.2



#45
1,2-Dichloropropane
Concen: 0.63 ug/l
RT: 7.047 min Scan# 1775
Delta R.T. 0.251 min
Lab File: VU043206.D
Acq: 19 Apr 2021 19:53

Tgt Ion:	63	Resp:	1106
Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.4	38.2#





#48

Methyl methacrylate

Concen: 2.69 ug/l

RT: 6.899 min Scan# 1729

Delta R.T. -0.068 min

Lab File: VU043206.D

Acq: 19 Apr 2021 19:53

Tgt Ion: 41 Resp: 7224

Ion Ratio Lower Upper

41 100

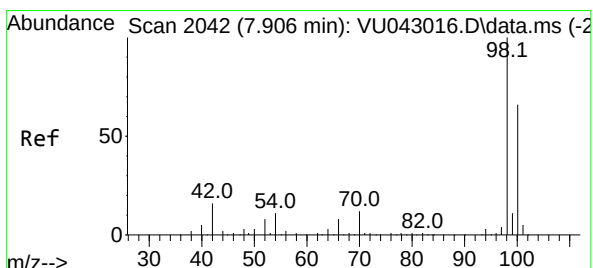
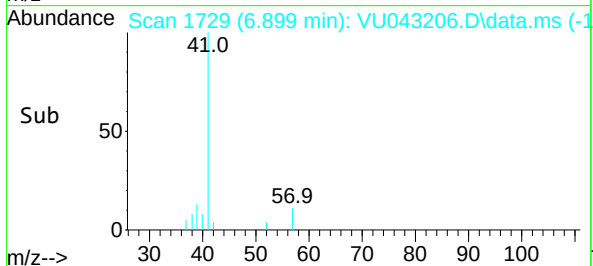
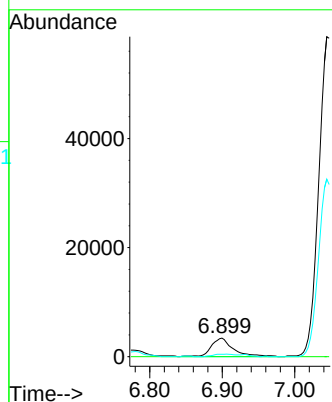
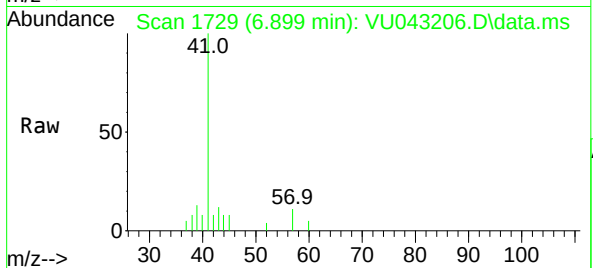
69 0.0 57.0 85.6#

39 0.0 48.4 72.6#

Instrument :

MSVOA_U

ClientSampled :



#50

Toluene-d8

Concen: 47.74 ug/l

RT: 7.906 min Scan# 2042

Delta R.T. -0.000 min

Lab File: VU043206.D

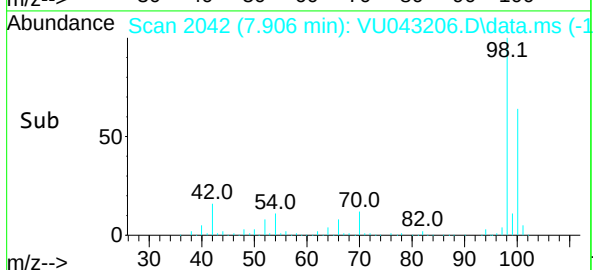
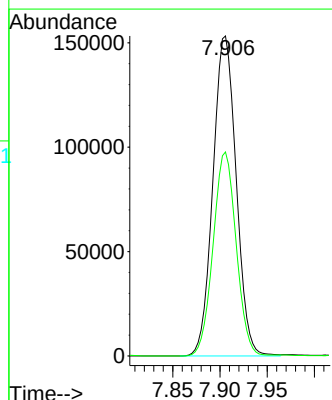
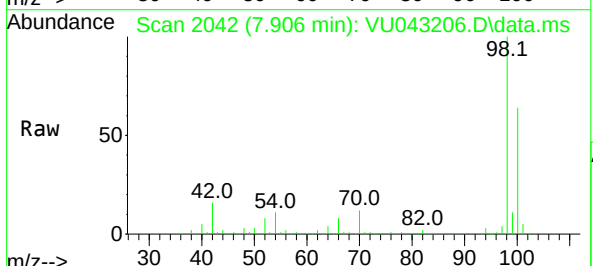
Acq: 19 Apr 2021 19:53

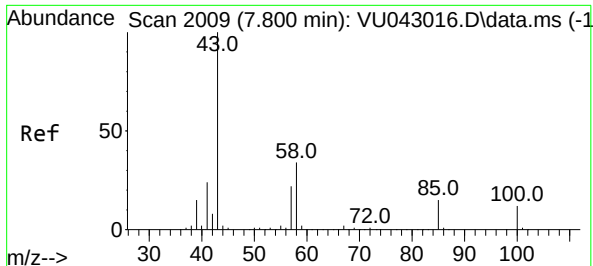
Tgt Ion: 98 Resp: 262397

Ion Ratio Lower Upper

98 100

100 63.2 50.2 75.2

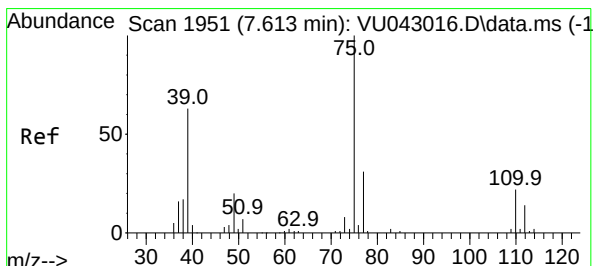
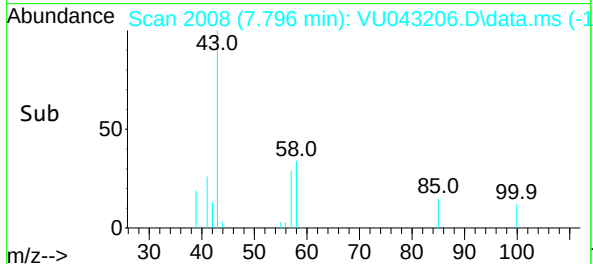
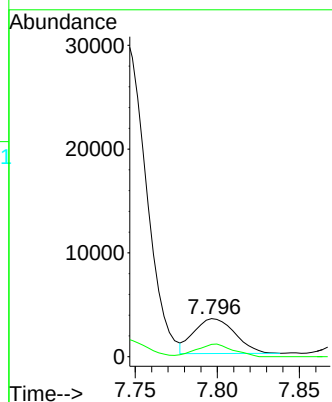
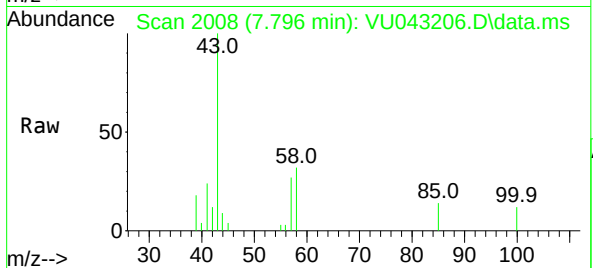




#51
4-Methyl-2-Pentanone
Concen: 1.48 ug/l
RT: 7.796 min Scan# 2008
Delta R.T. -0.004 min
Lab File: VU043206.D
Acq: 19 Apr 2021 19:53

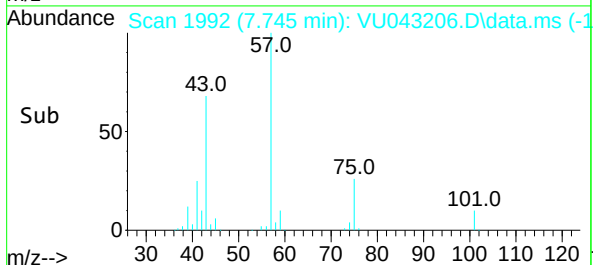
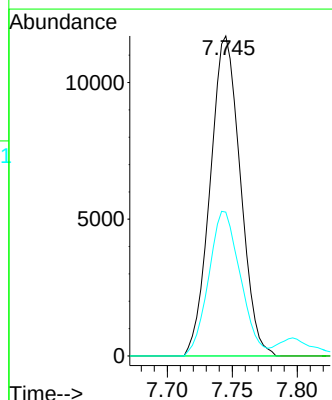
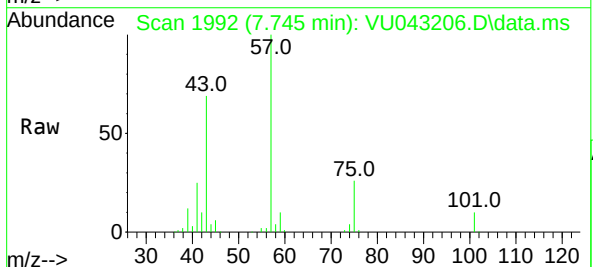
Instrument :
MSVOA_U
ClientSampled :

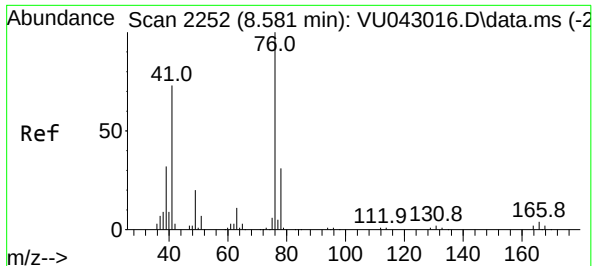
Tgt Ion: 43 Resp: 5845
Ion Ratio Lower Upper
43 100
58 31.9 28.1 42.1



#54
cis-1,3-Dichloropropene
Concen: 6.85 ug/l
RT: 7.745 min Scan# 1992
Delta R.T. 0.132 min
Lab File: VU043206.D
Acq: 19 Apr 2021 19:53

Tgt Ion: 75 Resp: 18838
Ion Ratio Lower Upper
75 100
77 0.0 24.6 37.0#
39 44.9 46.1 69.1#



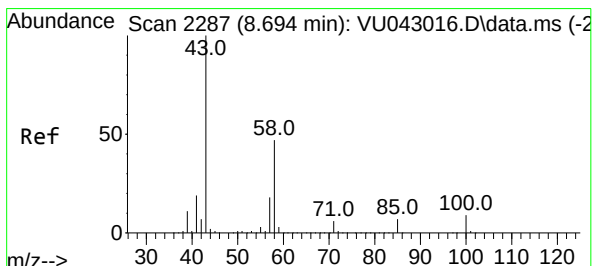
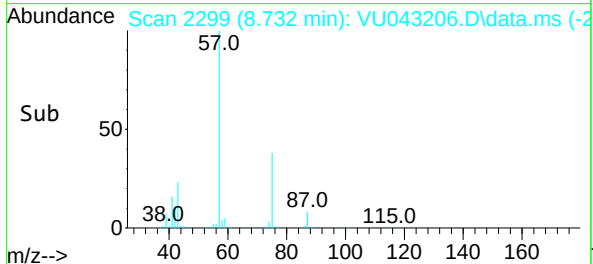
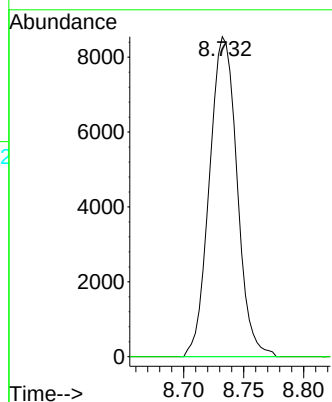
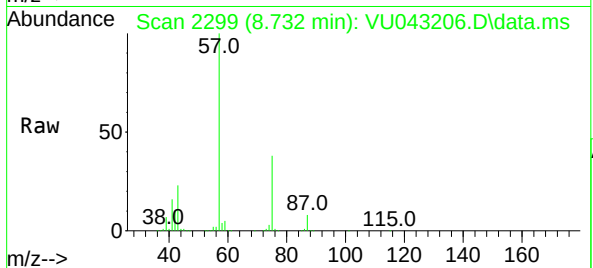


#57

1,3-Dichloropropane
Concen: 4.76 ug/l
RT: 8.732 min Scan# 2299
Delta R.T. 0.151 min
Lab File: VU043206.D
Acq: 19 Apr 2021 19:53

Instrument :
MSVOA_U
ClientSampled :

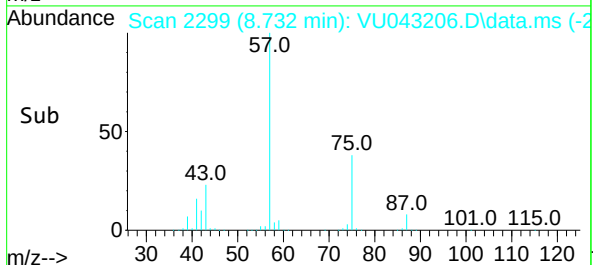
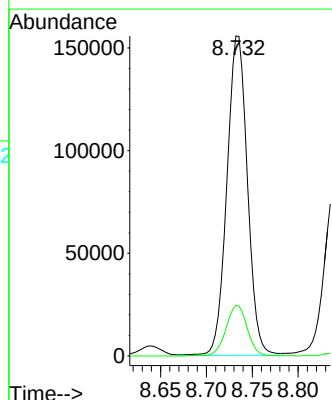
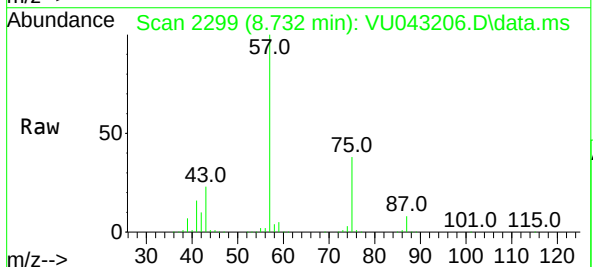
Tgt Ion: 76 Resp: 13712
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#

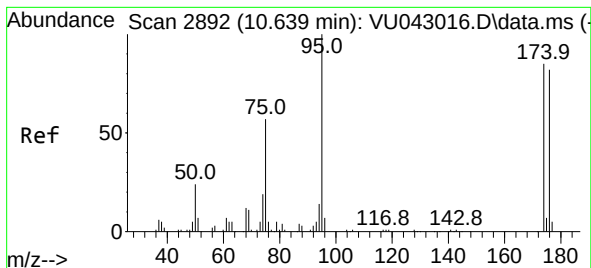


#59

2-Hexanone
Concen: 74.38 ug/l
RT: 8.732 min Scan# 2299
Delta R.T. 0.038 min
Lab File: VU043206.D
Acq: 19 Apr 2021 19:53

Tgt Ion: 43 Resp: 242325
Ion Ratio Lower Upper
43 100
58 16.5 24.0 72.0#

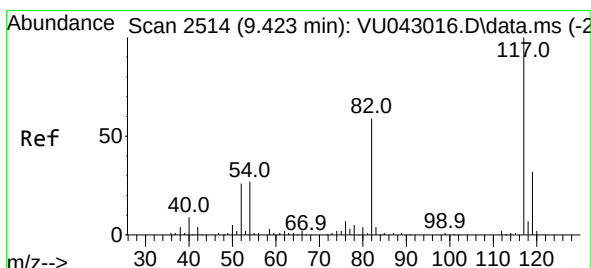
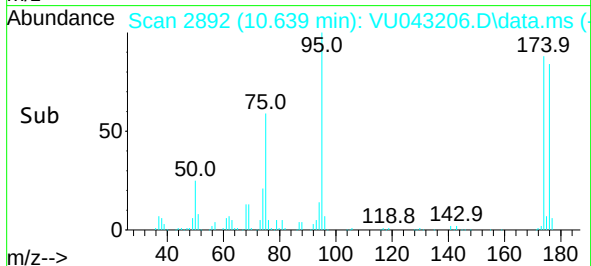
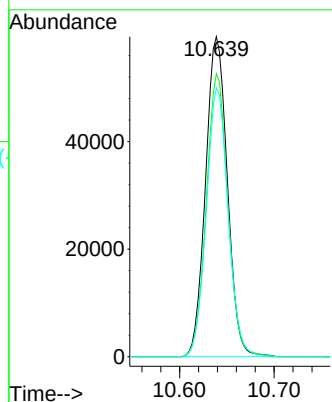
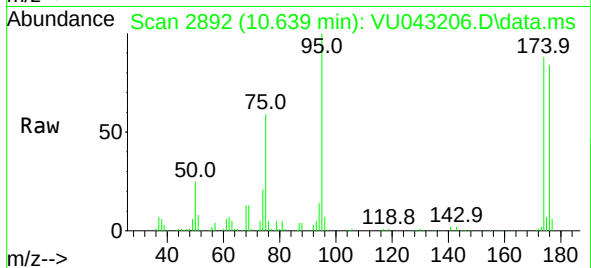




#62
4-Bromofluorobenzene
Concen: 43.30 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043206.D
Acq: 19 Apr 2021 19:53

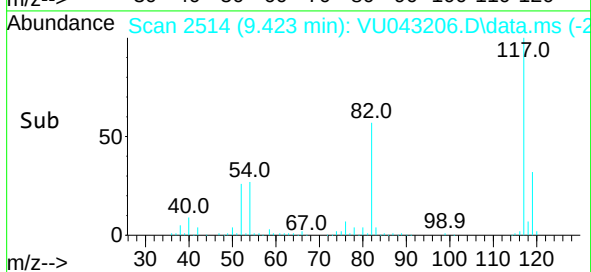
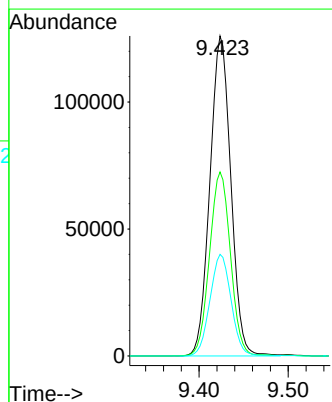
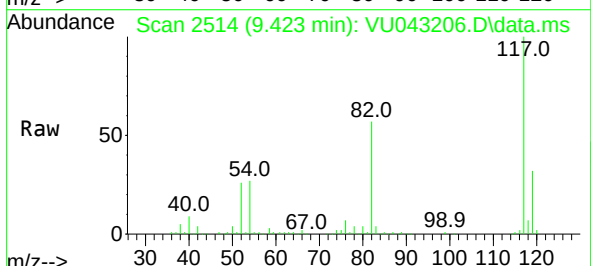
Instrument :
MSVOA_U
ClientSampleId :

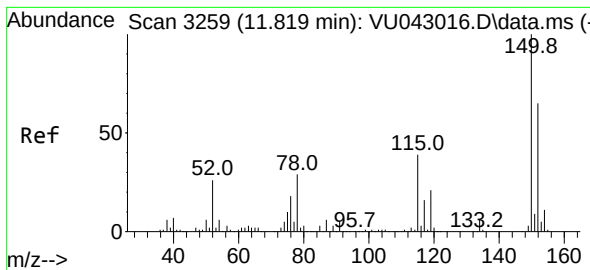
Tgt Ion: 95 Resp: 95309
Ion Ratio Lower Upper
95 100
174 87.4 0.0 172.2
176 84.2 0.0 168.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043206.D
Acq: 19 Apr 2021 19:53

Tgt Ion: 117 Resp: 205528
Ion Ratio Lower Upper
117 100
82 57.4 45.8 68.6
119 31.8 25.8 38.8

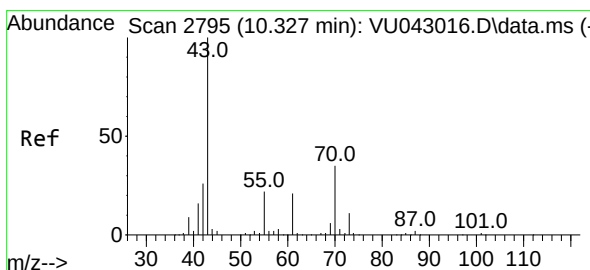
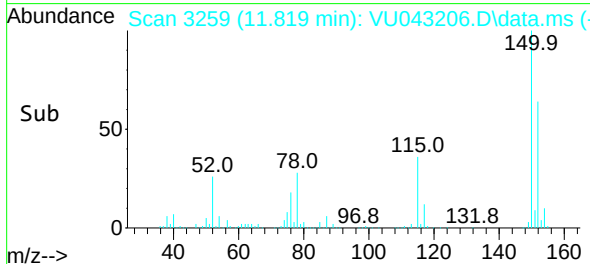
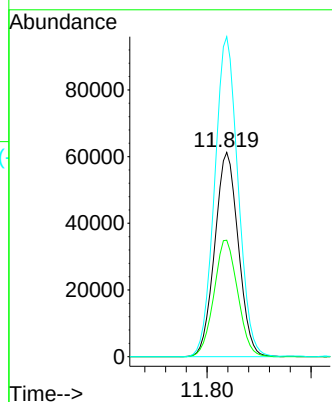
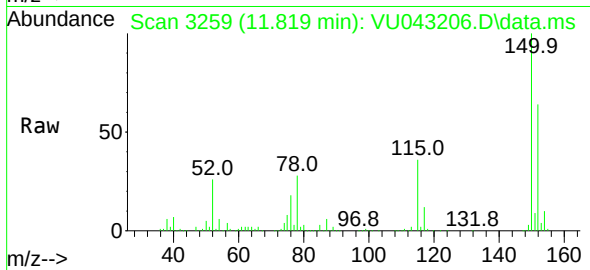




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043206.D
Acq: 19 Apr 2021 19:53

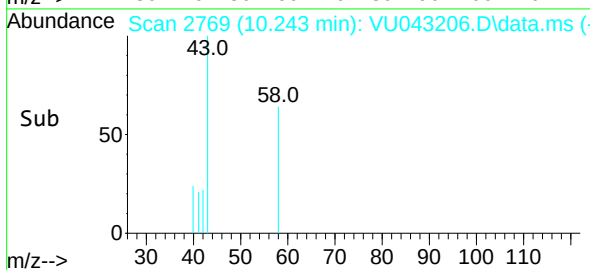
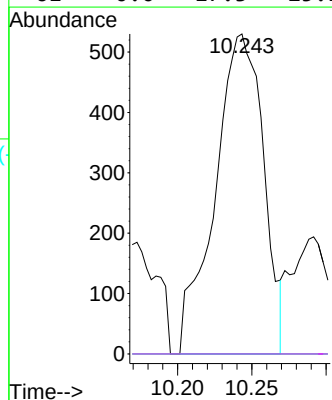
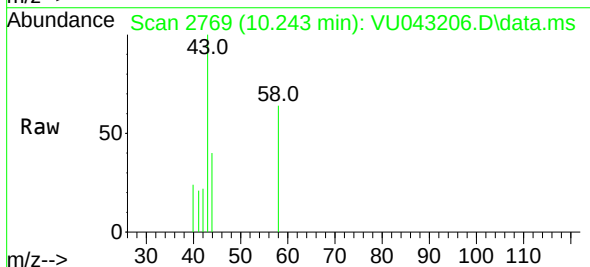
Instrument :
MSVOA_U
ClientSampleId :

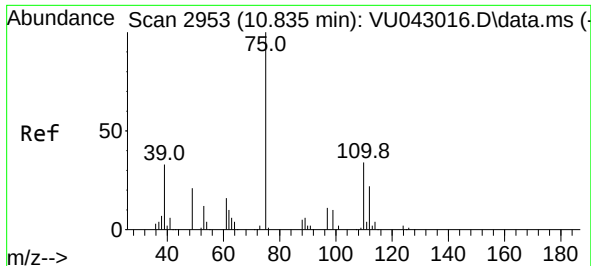
Tgt Ion:152 Resp: 96616
Ion Ratio Lower Upper
152 100
115 57.5 41.5 124.6
150 155.6 0.0 342.4



#74
N-ethyl acetate
Concen: 0.29 ug/l
RT: 10.243 min Scan# 2769
Delta R.T. -0.084 min
Lab File: VU043206.D
Acq: 19 Apr 2021 19:53

Tgt Ion: 43 Resp: 1207
Ion Ratio Lower Upper
43 100
70 0.0 28.3 42.5#
55 0.0 17.2 25.8#
61 0.0 17.3 25.9#

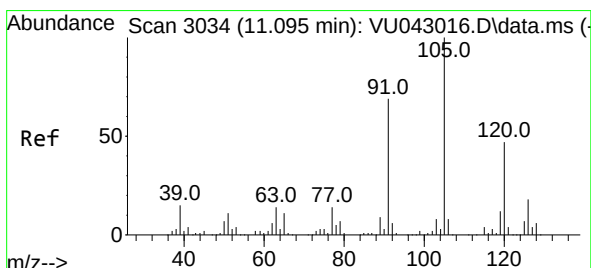
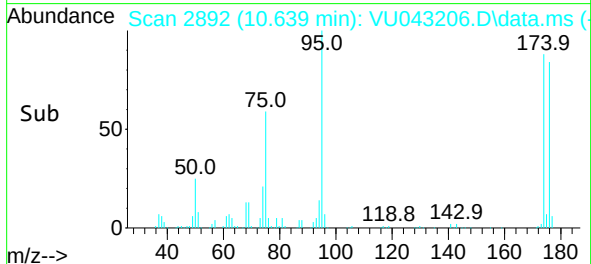
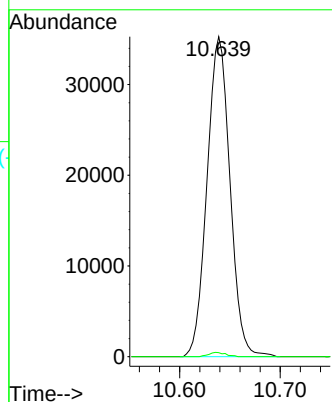
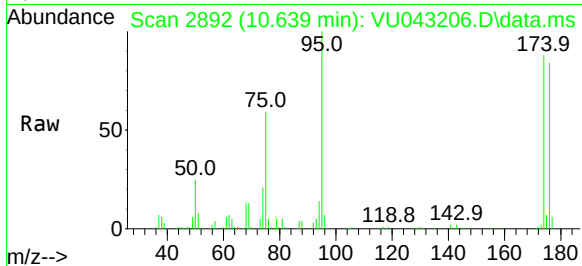




#76
1,2,3-Trichloropropane
Concen: 19.84 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.196 min
Lab File: VU043206.D
Acq: 19 Apr 2021 19:53

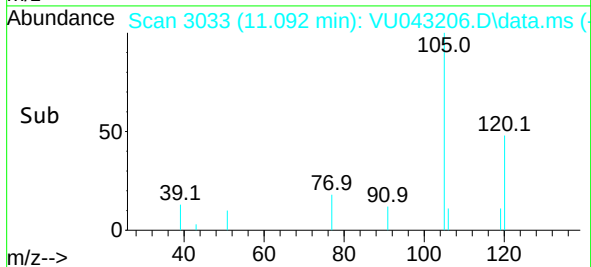
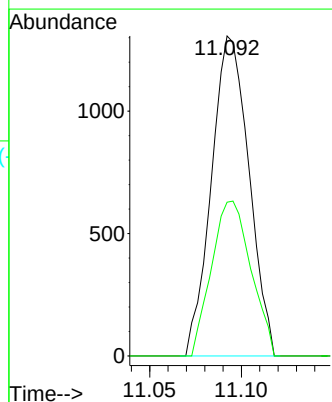
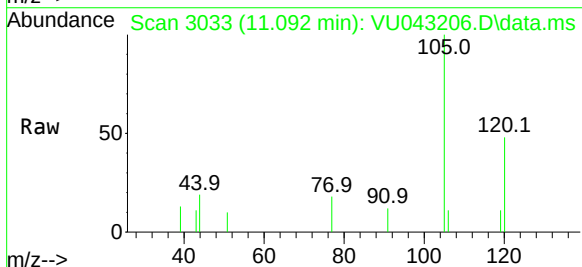
Instrument :
MSVOA_U
ClientSampled :

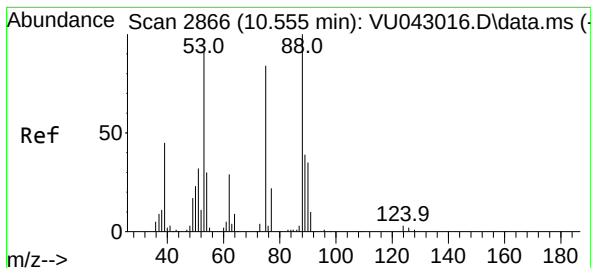
Tgt Ion: 75 Resp: 56016
Ion Ratio Lower Upper
75 100
77 1.0 20.2 60.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.32 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. -0.003 min
Lab File: VU043206.D
Acq: 19 Apr 2021 19:53

Tgt Ion: 105 Resp: 1860
Ion Ratio Lower Upper
105 100
120 50.9 23.8 71.4

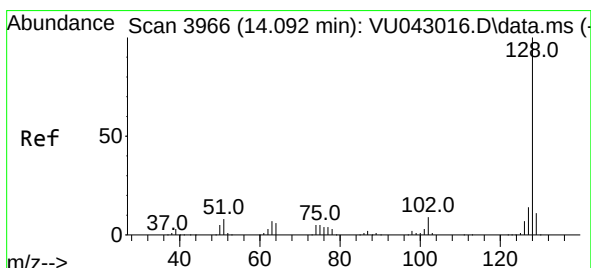
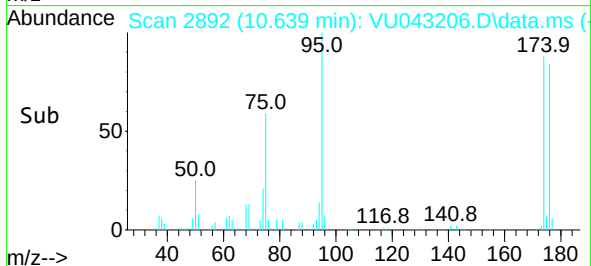
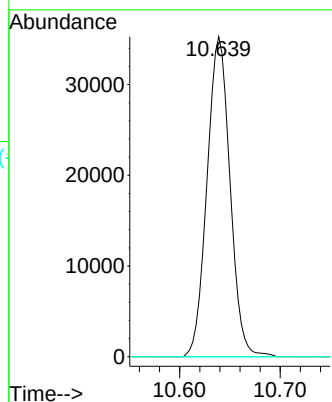
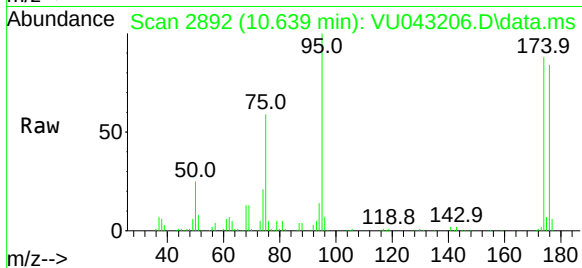




#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.30 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. 0.084 min
 Lab File: VU043206.D
 Acq: 19 Apr 2021 19:53

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 75 Resp: 56016
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.6 128.4#
 89 0.0 35.7 53.5#



#95
 Naphthalene
 Concen: 2.75 ug/l
 RT: 14.098 min Scan# 3968
 Delta R.T. 0.006 min
 Lab File: VU043206.D
 Acq: 19 Apr 2021 19:53

Tgt Ion: 128 Resp: 78
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.8 16.2#
 129 0.0 8.6 13.0#

