

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041921\
 Data File : VU043204.D
 Acq On : 19 Apr 2021 19:07
 Operator : SY/MD
 Sample : PB135814ZHE#07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 20 02:58:51 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

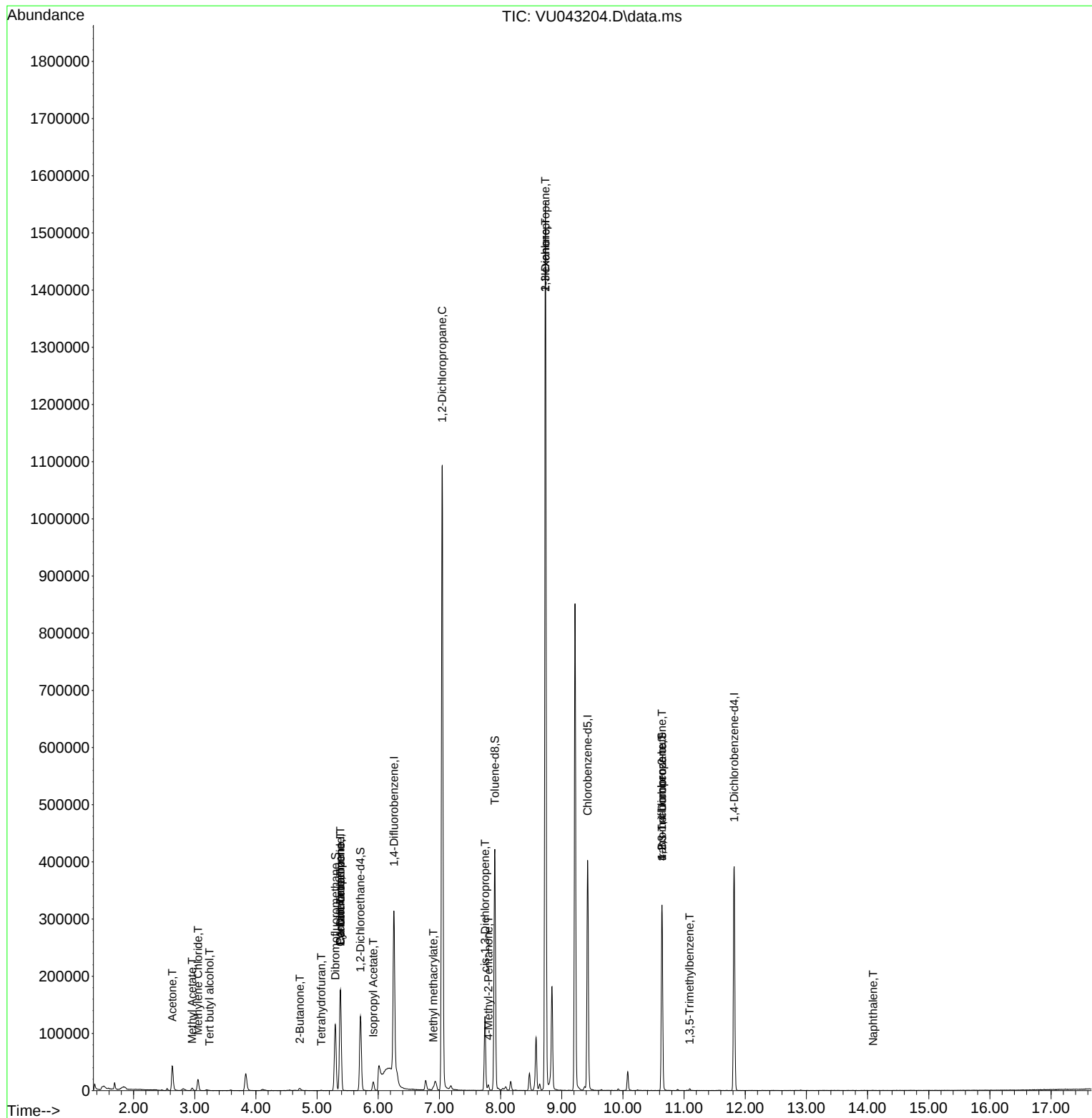
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.382	168	118327	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	205097	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	204972	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	95374	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	101525	51.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.08%	
35) Dibromofluoromethane	5.298	113	70312	45.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.24%	
50) Toluene-d8	7.906	98	260886	47.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.68%	
62) 4-Bromofluorobenzene	10.639	95	93527	42.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.66%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.517	50	541	Below Cal	#	41
11) Tert butyl alcohol	3.243	59	287	0.56	ug/l #	94
16) Acetone	2.633	43	54389	46.21	ug/l	97
18) Methyl Acetate	2.957	43	6251	2.51	ug/l	93
20) Methylene Chloride	3.054	84	8386	5.94	ug/l	92
25) 2-Butanone	4.719	43	7070	3.91	ug/l	96
29) Tetrahydrofuran	5.070	42	445	0.39	ug/l #	53
31) Cyclohexane	5.378	56	2971	1.21	ug/l #	17
36) 1,1-Dichloropropene	5.378	75	10092	4.64	ug/l #	49
38) Carbon Tetrachloride	5.382	117	12205	5.23	ug/l #	17
43) Isopropyl Acetate	5.919	43	16916	3.19	ug/l	97
45) 1,2-Dichloropropane	7.044	63	1074	0.62	ug/l #	43
48) Methyl methacrylate	6.902	41	7288	2.74	ug/l #	17
51) 4-Methyl-2-Pentanone	7.800	43	6036	1.54	ug/l	98
54) cis-1,3-Dichloropropene	7.745	75	19399	7.11	ug/l #	70
57) 1,3-Dichloropropane	8.732	76	13958	4.89	ug/l #	43
59) 2-Hexanone	8.732	43	242256	74.95	ug/l #	53
76) 1,2,3-Trichloropropane	10.639	75	55003	19.74	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.092	105	1758	0.31	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.639	75	55003	57.99	ug/l #	7
95) Naphthalene	14.092	128	99	2.75	ug/l #	69

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
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Response via : Initial Calibration

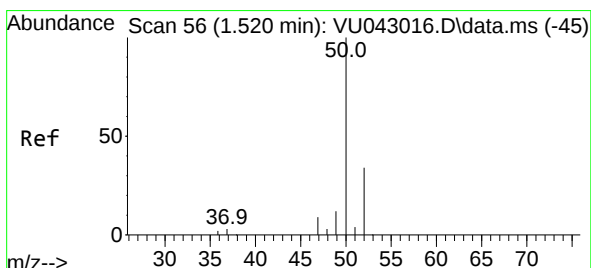
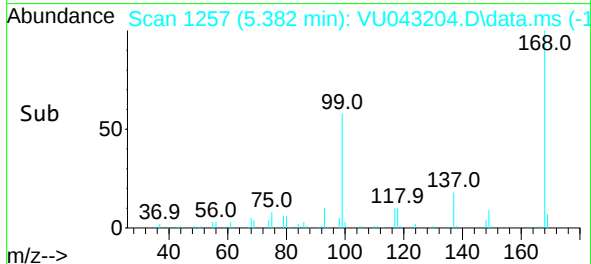
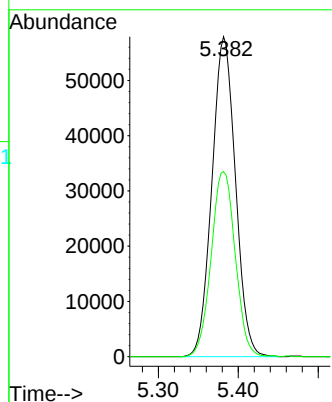
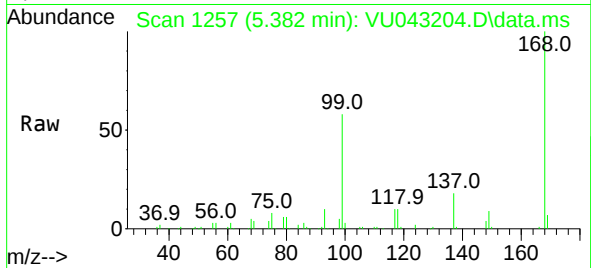




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043204.D
Acq: 19 Apr 2021 19:07

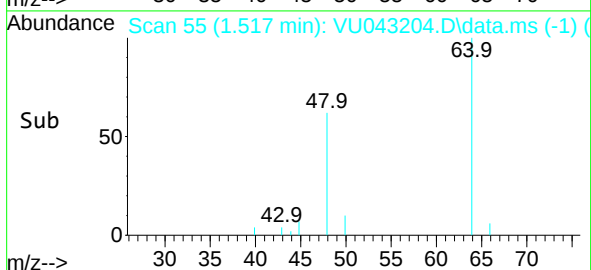
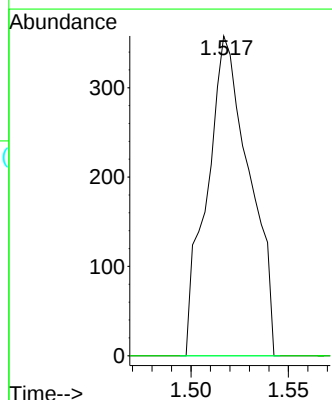
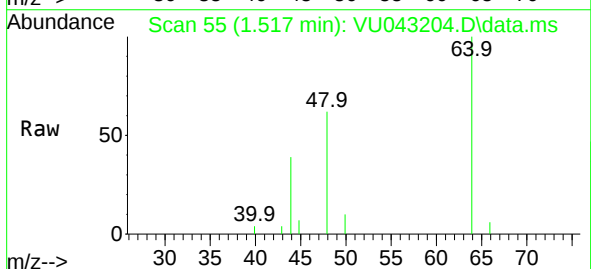
Instrument :
MSVOA_U
ClientSampled :

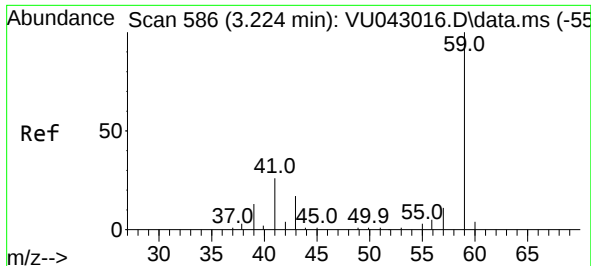
Tgt Ion:168 Resp: 118327
Ion Ratio Lower Upper
168 100
99 57.9 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.517 min Scan# 55
Delta R.T. -0.003 min
Lab File: VU043204.D
Acq: 19 Apr 2021 19:07

Tgt Ion: 50 Resp: 541
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#

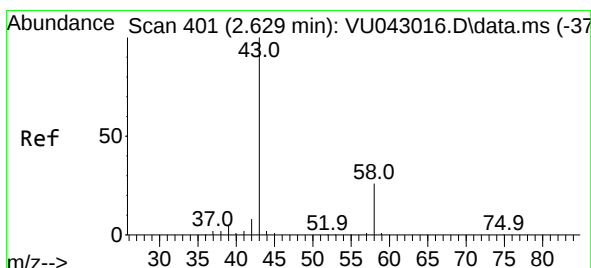
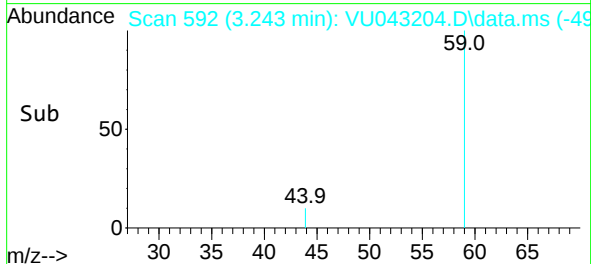
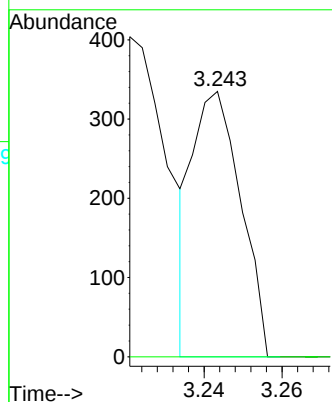
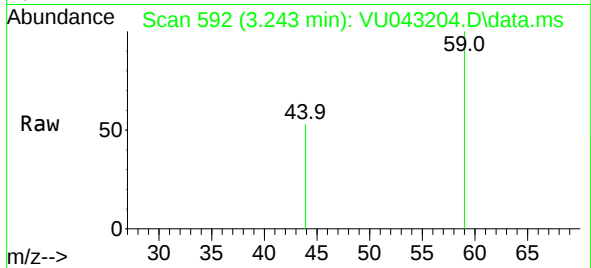




#11
Tert butyl alcohol
Concen: 0.56 ug/l
RT: 3.243 min Scan# 592
Delta R.T. 0.019 min
Lab File: VU043204.D
Acq: 19 Apr 2021 19:07

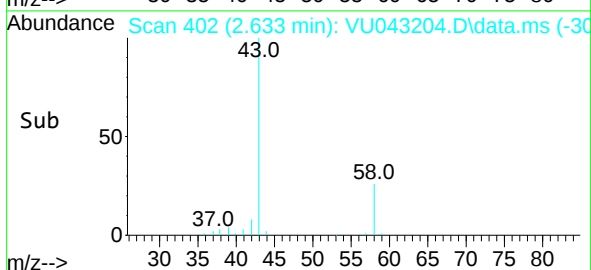
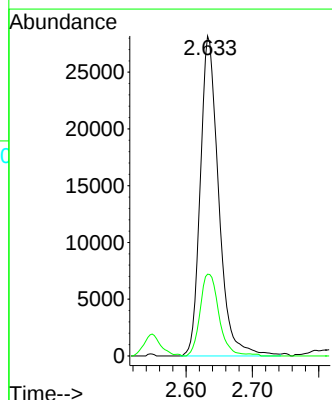
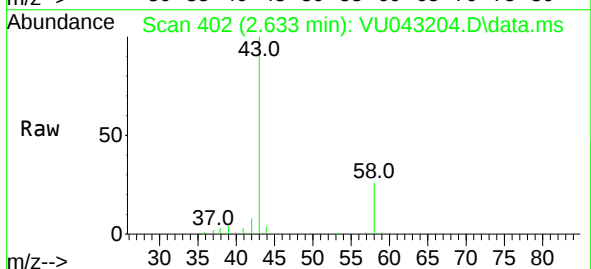
Instrument :
MSVOA_U
ClientSampled :

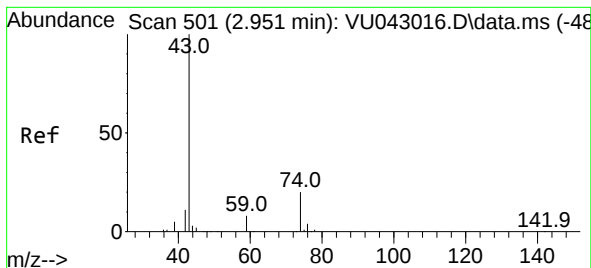
Tgt Ion: 59 Resp: 287
Ion Ratio Lower Upper
59 100
57 0.0 1.6 2.4#



#16
Acetone
Concen: 46.21 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.004 min
Lab File: VU043204.D
Acq: 19 Apr 2021 19:07

Tgt Ion: 43 Resp: 54389
Ion Ratio Lower Upper
43 100
58 25.5 21.5 32.3





#18

Methyl Acetate

Concen: 2.51 ug/l

RT: 2.957 min Scan# 503

Delta R.T. 0.006 min

Lab File: VU043204.D

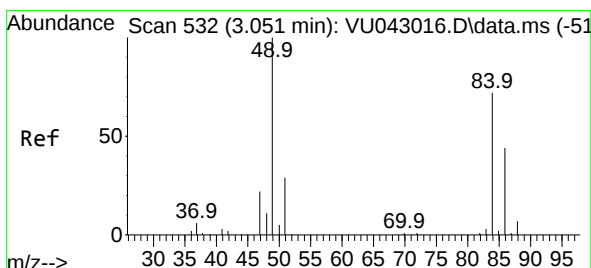
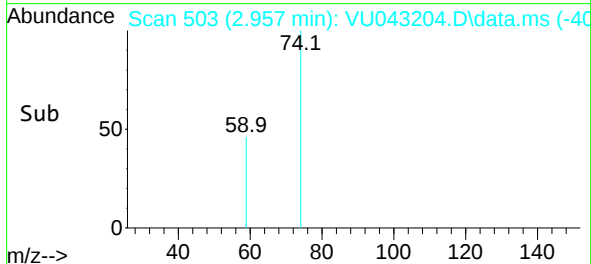
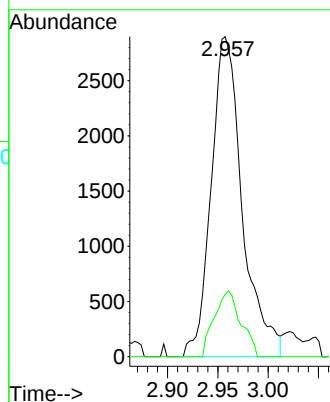
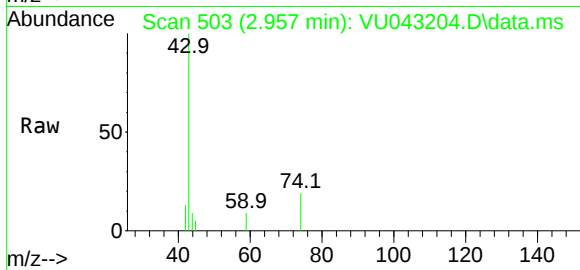
Acq: 19 Apr 2021 19:07

Tgt Ion: 43 Resp: 6251

Ion Ratio Lower Upper

43 100

74 17.5 16.6 25.0



#20

Methylene Chloride

Concen: 5.94 ug/l

RT: 3.054 min Scan# 533

Delta R.T. 0.003 min

Lab File: VU043204.D

Acq: 19 Apr 2021 19:07

Tgt Ion: 84 Resp: 8386

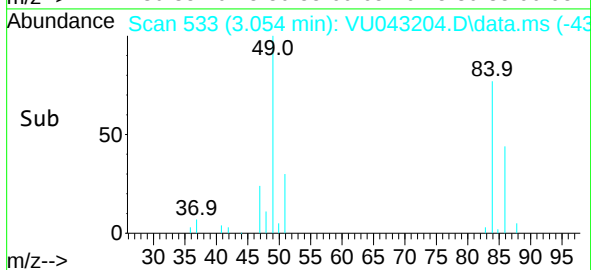
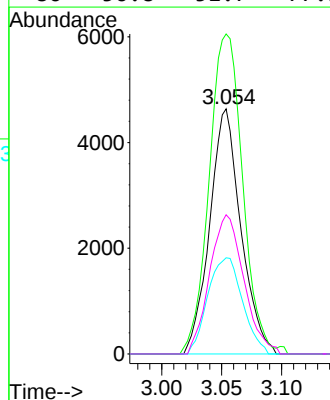
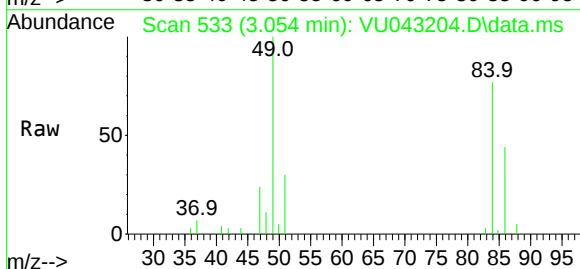
Ion Ratio Lower Upper

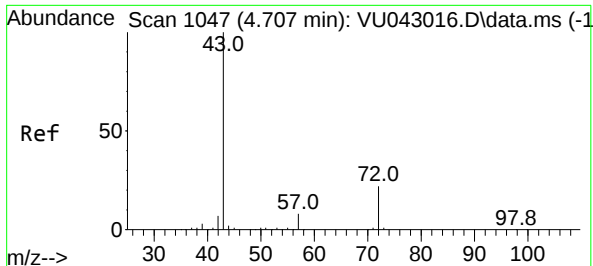
84 100

49 130.6 112.6 169.0

51 39.2 33.7 50.5

86 56.8 51.7 77.5

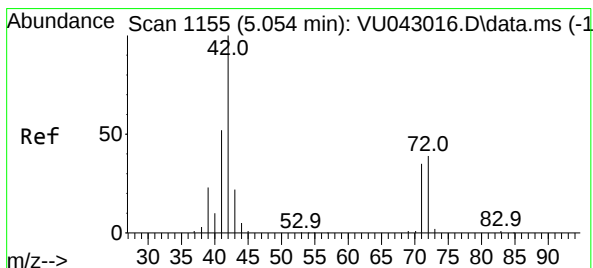
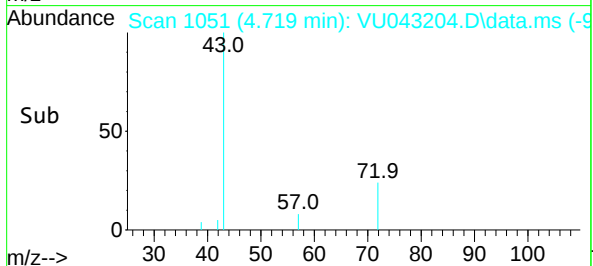
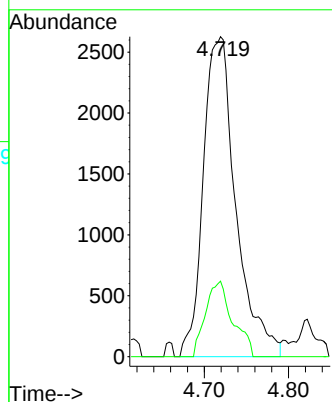
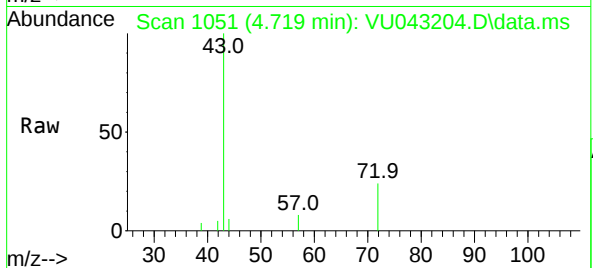




#25
2-Butanone
Concen: 3.91 ug/l
RT: 4.719 min Scan# 1051
Delta R.T. 0.012 min
Lab File: VU043204.D
Acq: 19 Apr 2021 19:07

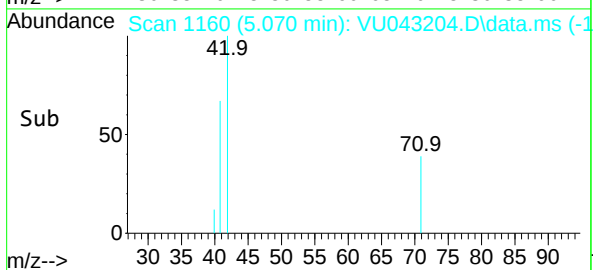
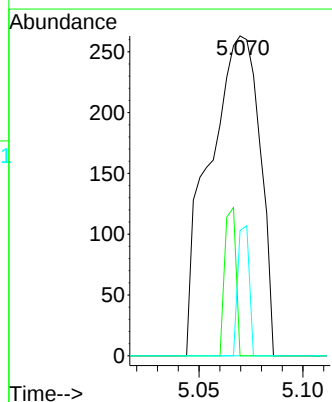
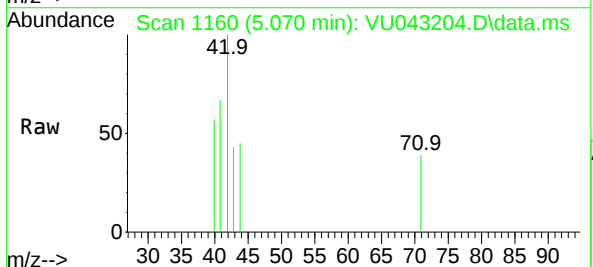
Instrument :
MSVOA_U
ClientSampled :

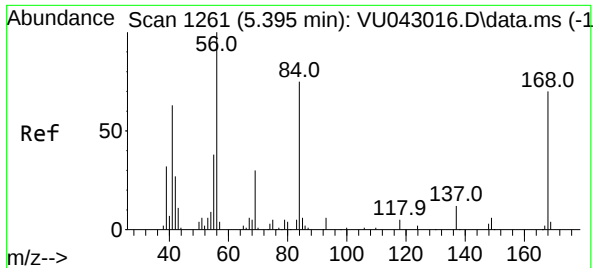
Tgt Ion: 43 Resp: 7070
Ion Ratio Lower Upper
43 100
72 23.6 17.4 26.0



#29
Tetrahydrofuran
Concen: 0.39 ug/l
RT: 5.070 min Scan# 1160
Delta R.T. 0.016 min
Lab File: VU043204.D
Acq: 19 Apr 2021 19:07

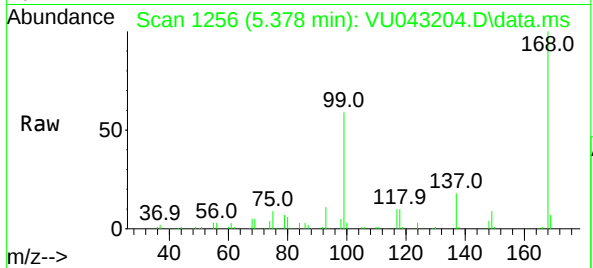
Tgt Ion: 42 Resp: 445
Ion Ratio Lower Upper
42 100
72 10.3 31.5 47.3#
71 9.0 29.5 44.3#



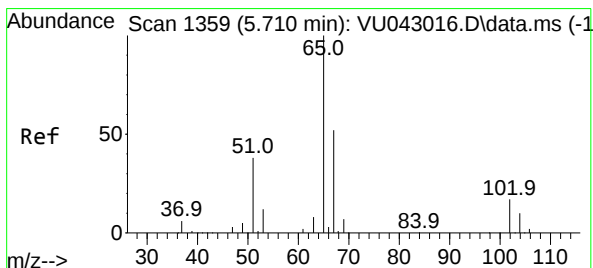
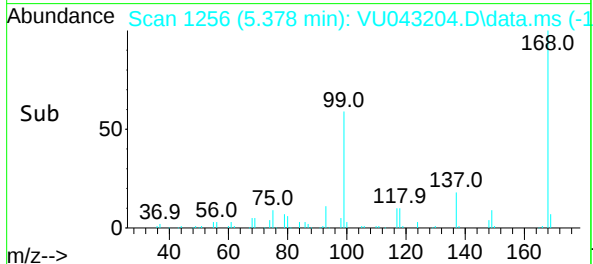
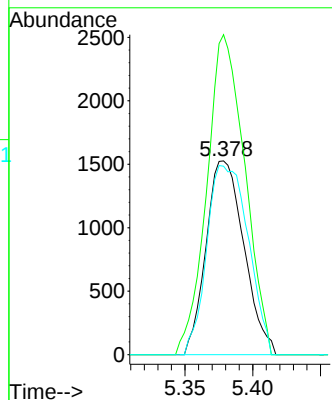


#31
Cyclohexane
Concen: 1.21 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.017 min
Lab File: VU043204.D
Acq: 19 Apr 2021 19:07

Instrument :
MSVOA_U
ClientSampled :

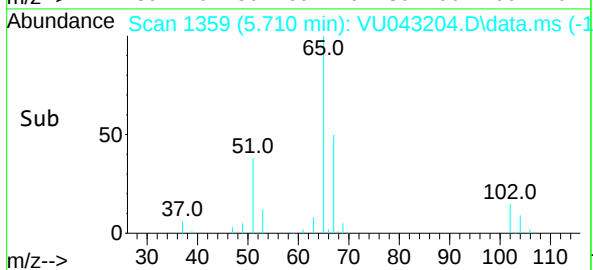
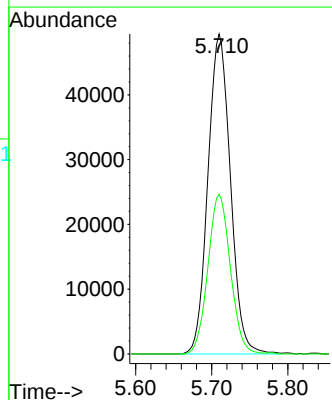
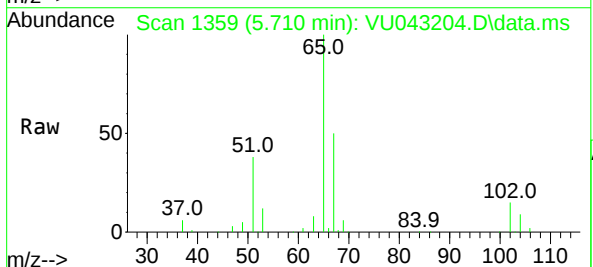


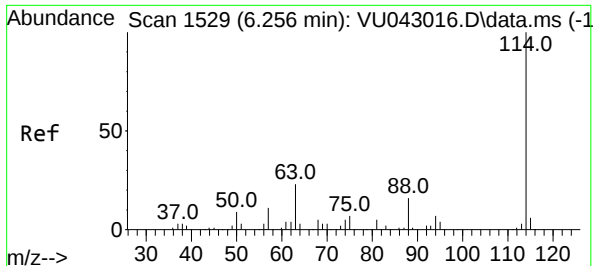
Tgt Ion: 56 Resp: 2971
Ion Ratio Lower Upper
56 100
69 165.2 24.9 37.3#
84 97.3 63.7 95.5#



#33
1,2-Dichloroethane-d4
Concen: 51.04 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043204.D
Acq: 19 Apr 2021 19:07

Tgt Ion: 65 Resp: 101525
Ion Ratio Lower Upper
65 100
67 49.8 0.0 99.8

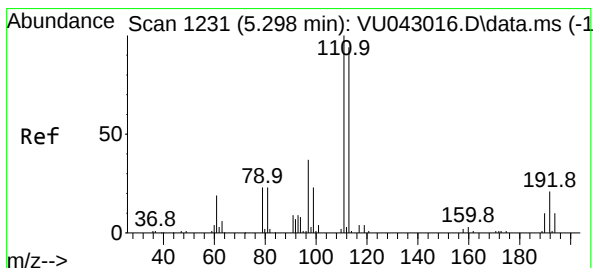
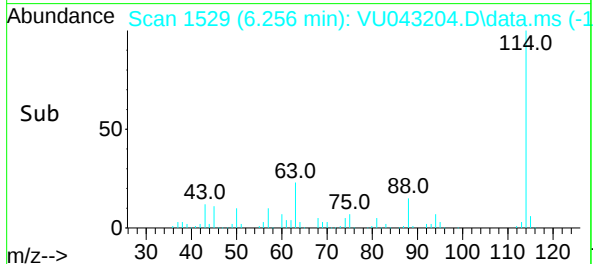
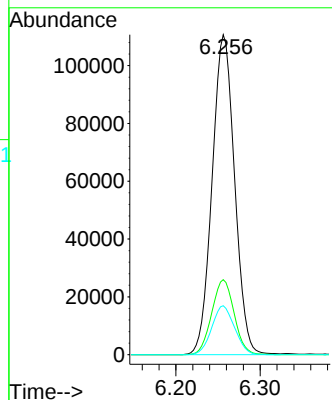
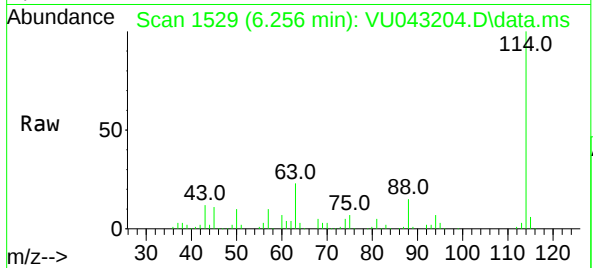




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043204.D
Acq: 19 Apr 2021 19:07

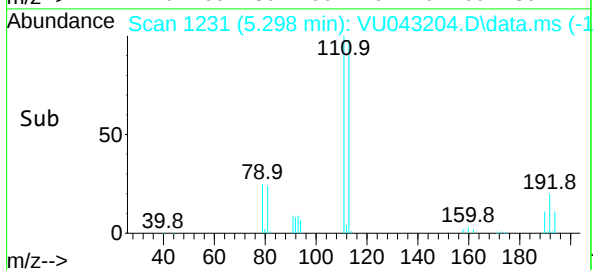
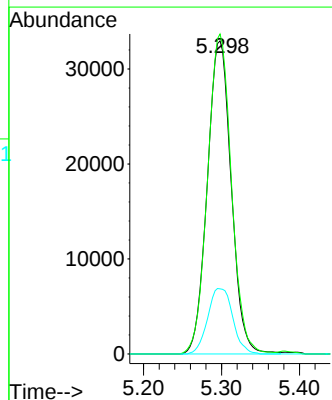
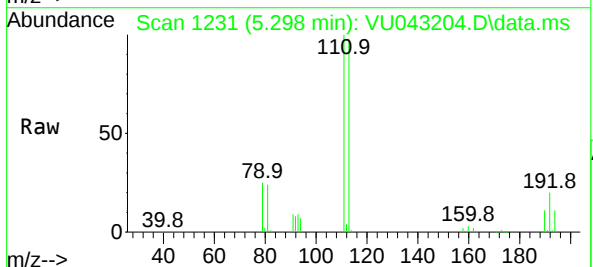
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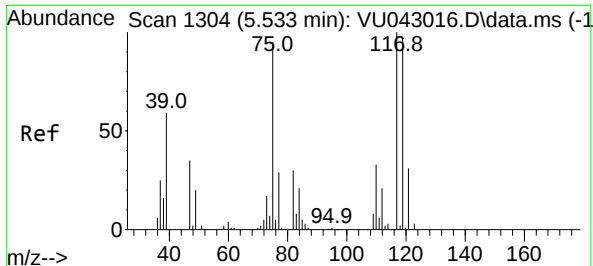
Tgt Ion:114 Resp: 205097
Ion Ratio Lower Upper
114 100
63 23.5 0.0 44.2
88 15.3 0.0 33.4



#35
Dibromofluoromethane
Concen: 45.62 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043204.D
Acq: 19 Apr 2021 19:07

Tgt Ion:113 Resp: 70312
Ion Ratio Lower Upper
113 100
111 102.1 81.8 122.8
192 21.9 17.2 25.8

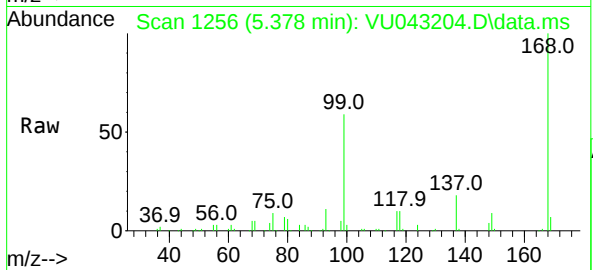




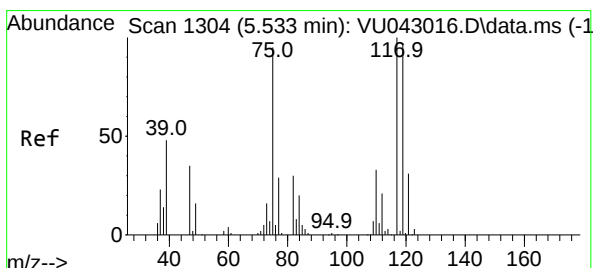
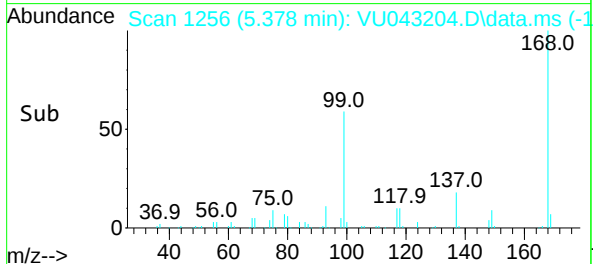
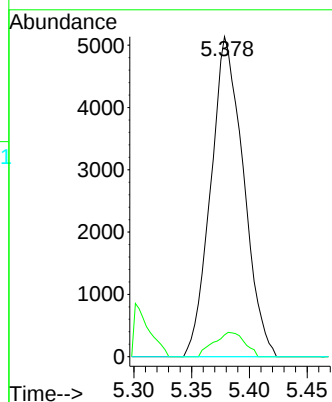
#36

1,1-Dichloropropene
Concen: 4.64 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.155 min
Lab File: VU043204.D
Acq: 19 Apr 2021 19:07

Instrument :
MSVOA_U
ClientSampled :

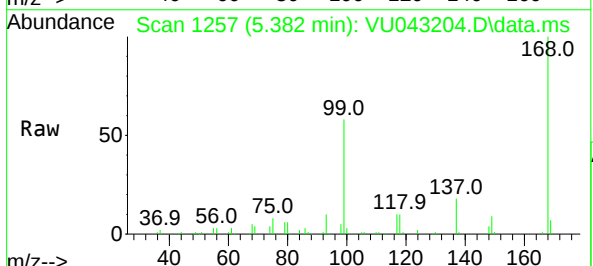


Tgt Ion: 75	Resp: 10092
Ion Ratio	Lower Upper
75 100	
110 7.1	16.8 50.3#
77 0.0	24.8 37.2#

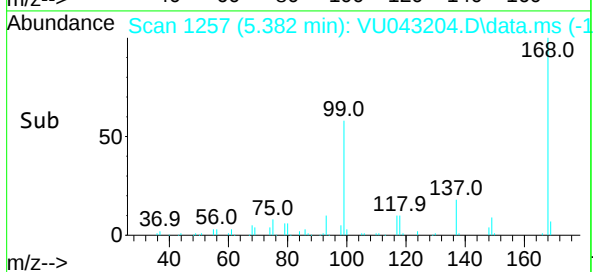
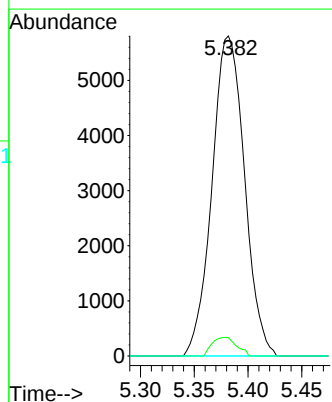


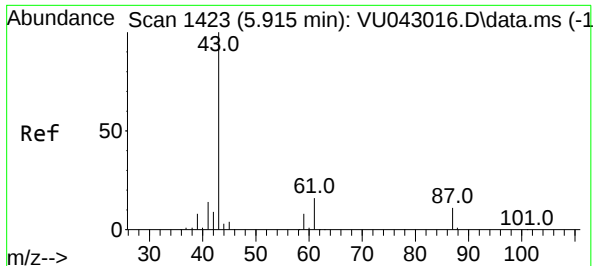
#38

Carbon Tetrachloride
Concen: 5.23 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043204.D
Acq: 19 Apr 2021 19:07



Tgt Ion: 117	Resp: 12205
Ion Ratio	Lower Upper
117 100	
119 5.7	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

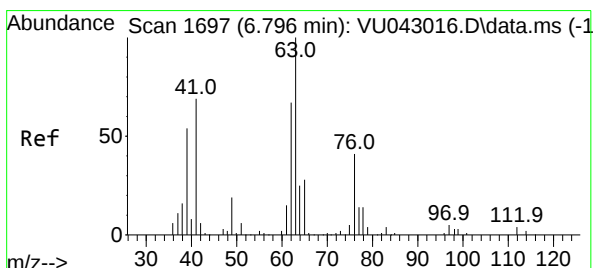
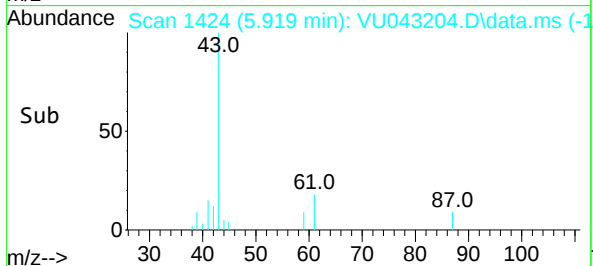
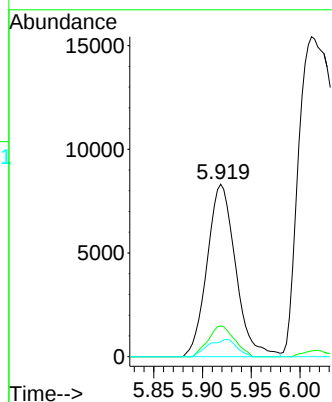
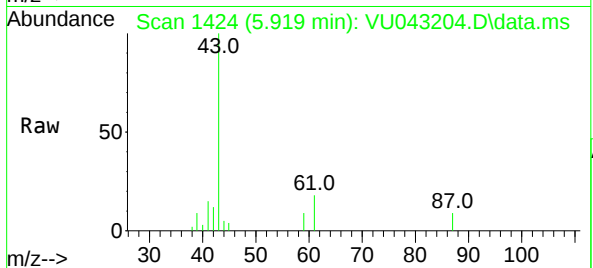
Delta R.T. 0.004 min

Lab File: VU043204.D

Acq: 19 Apr 2021 19:07

Tgt Ion: 43	Resp: 16916
Ion Ratio	Lower Upper
43 100	
61 16.4	14.4 21.6
87 10.0	8.8 13.2

Instrument :
MSVOA_U
ClientSampled :



#45

1,2-Dichloropropane

Concen: 0.62 ug/l

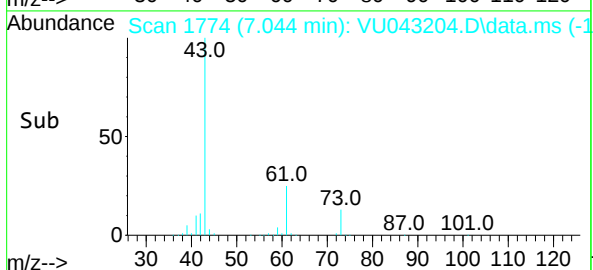
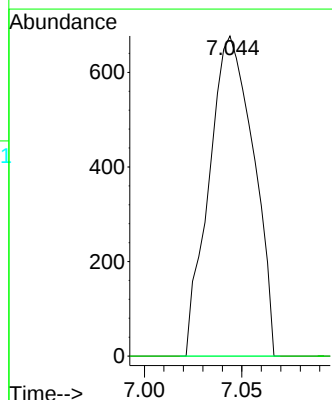
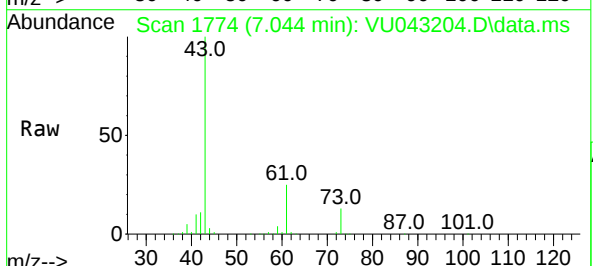
RT: 7.044 min Scan# 1774

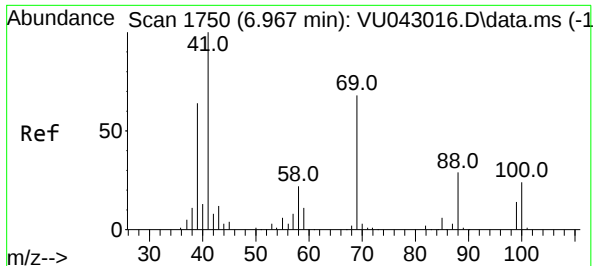
Delta R.T. 0.248 min

Lab File: VU043204.D

Acq: 19 Apr 2021 19:07

Tgt Ion: 63	Resp: 1074
Ion Ratio	Lower Upper
63 100	
65 0.0	25.4 38.2#





#48

Methyl methacrylate

Concen: 2.74 ug/l

RT: 6.902 min Scan# 1730

Delta R.T. -0.065 min

Lab File: VU043204.D

Acq: 19 Apr 2021 19:07

Tgt Ion: 41 Resp: 7288

Ion Ratio Lower Upper

41 100

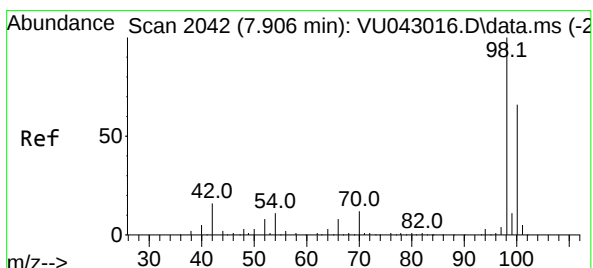
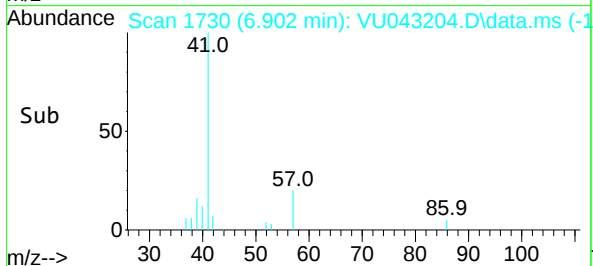
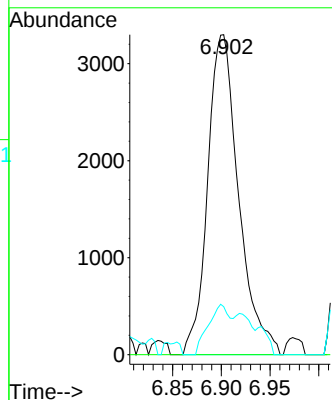
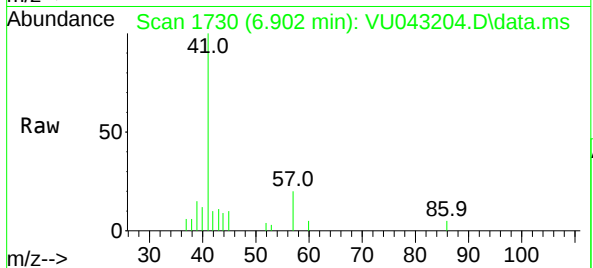
69 0.0 57.0 85.6#

39 0.0 48.4 72.6#

Instrument :

MSVOA_U

ClientSampleId :



#50

Toluene-d8

Concen: 47.84 ug/l

RT: 7.906 min Scan# 2042

Delta R.T. -0.000 min

Lab File: VU043204.D

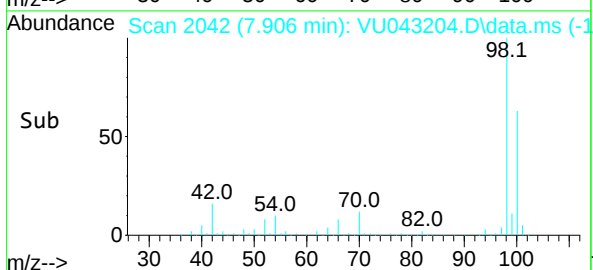
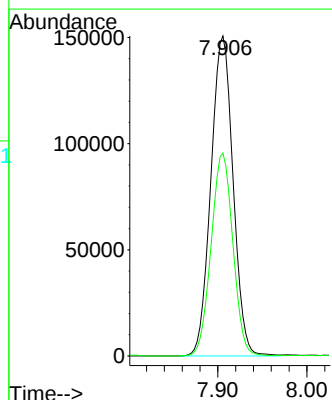
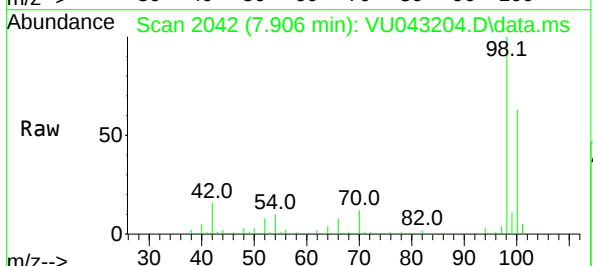
Acq: 19 Apr 2021 19:07

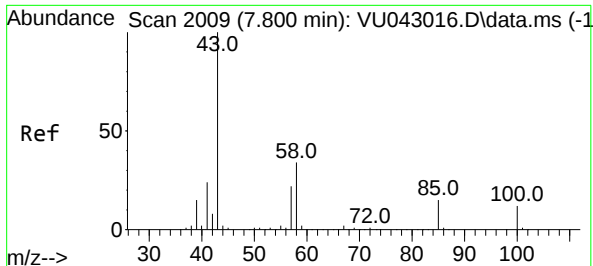
Tgt Ion: 98 Resp: 260886

Ion Ratio Lower Upper

98 100

100 62.1 50.2 75.2

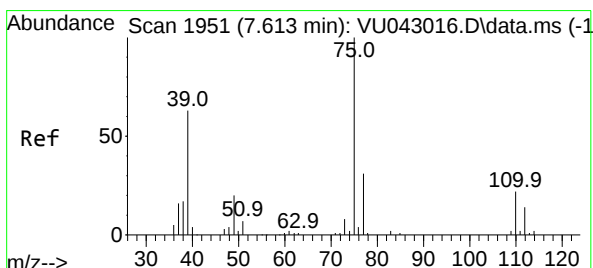
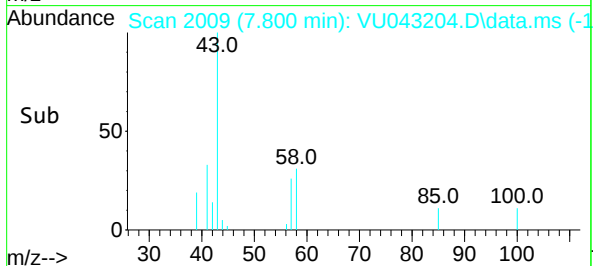
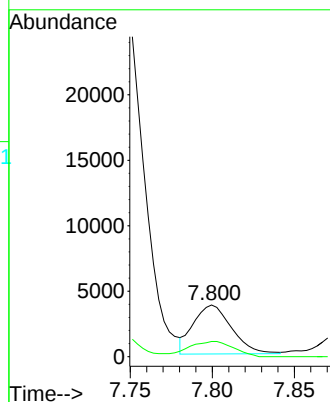
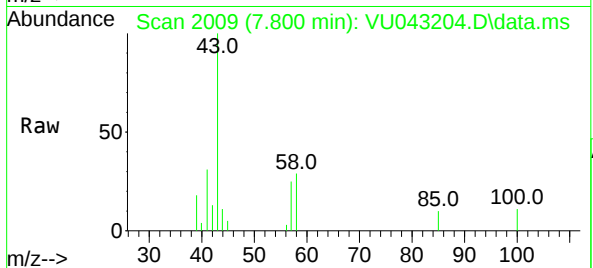




#51
4-Methyl-2-Pentanone
Concen: 1.54 ug/l
RT: 7.800 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VU043204.D
Acq: 19 Apr 2021 19:07

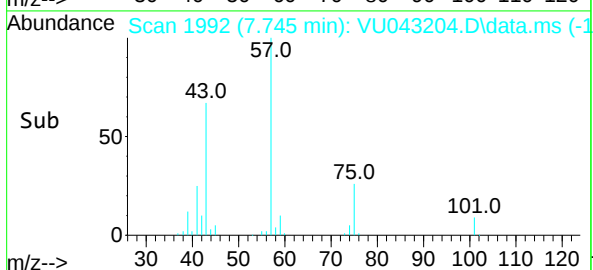
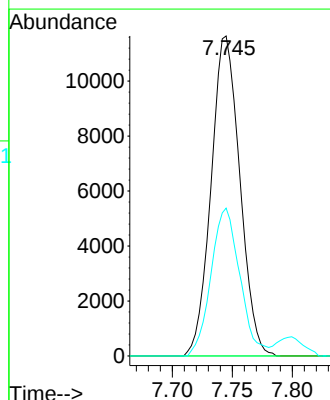
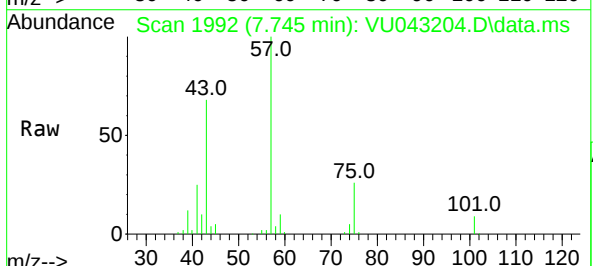
Tgt Ion: 43 Resp: 6036
Ion Ratio Lower Upper
43 100
58 36.1 28.1 42.1

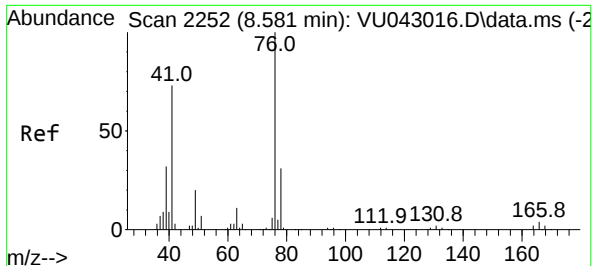
Instrument :
MSVOA_U
ClientSampleId :



#54
cis-1,3-Dichloropropene
Concen: 7.11 ug/l
RT: 7.745 min Scan# 1992
Delta R.T. 0.132 min
Lab File: VU043204.D
Acq: 19 Apr 2021 19:07

Tgt Ion: 75 Resp: 19399
Ion Ratio Lower Upper
75 100
77 0.0 24.6 37.0#
39 46.2 46.1 69.1



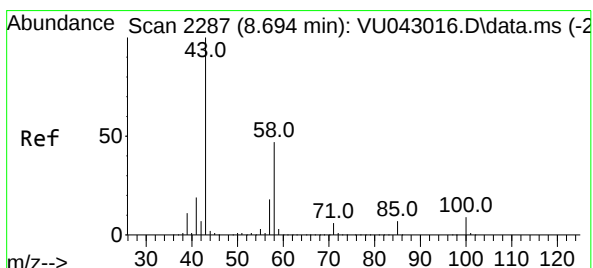
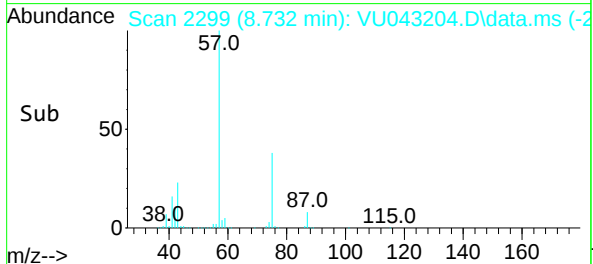
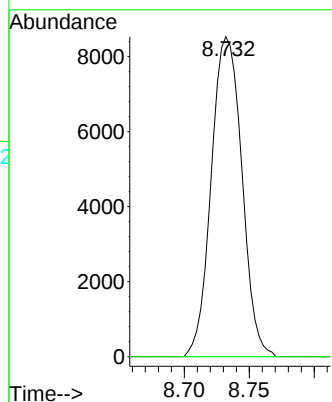
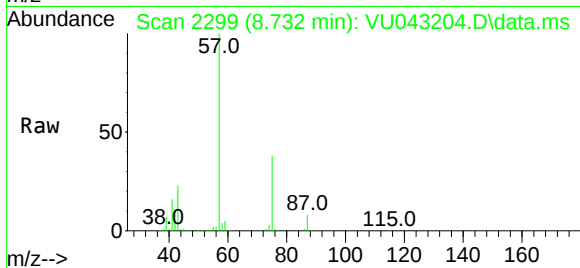


#57

1,3-Dichloropropane
Concen: 4.89 ug/l
RT: 8.732 min Scan# 2299
Delta R.T. 0.151 min
Lab File: VU043204.D
Acq: 19 Apr 2021 19:07

Instrument :
MSVOA_U
ClientSampled :

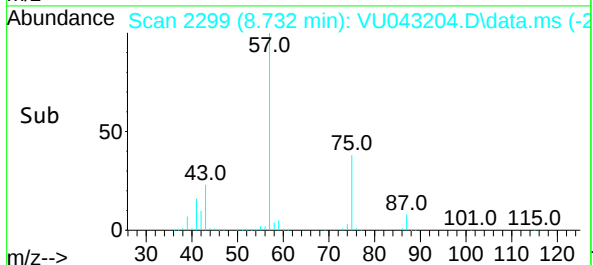
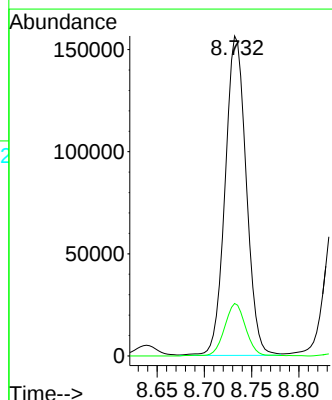
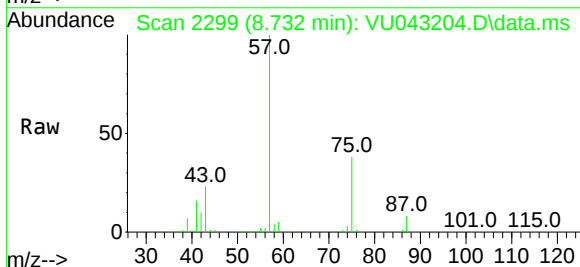
Tgt Ion: 76 Resp: 13958
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#

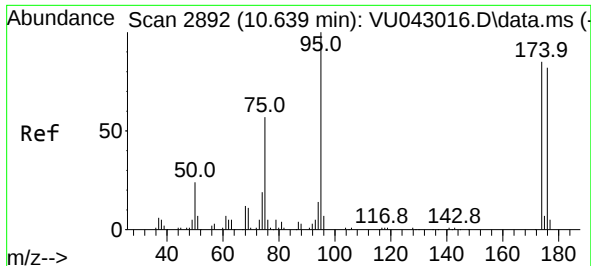


#59

2-Hexanone
Concen: 74.95 ug/l
RT: 8.732 min Scan# 2299
Delta R.T. 0.038 min
Lab File: VU043204.D
Acq: 19 Apr 2021 19:07

Tgt Ion: 43 Resp: 242256
Ion Ratio Lower Upper
43 100
58 16.5 24.0 72.0#

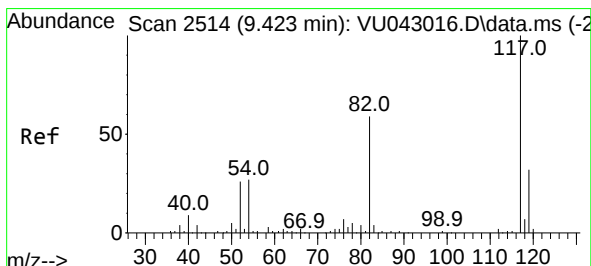
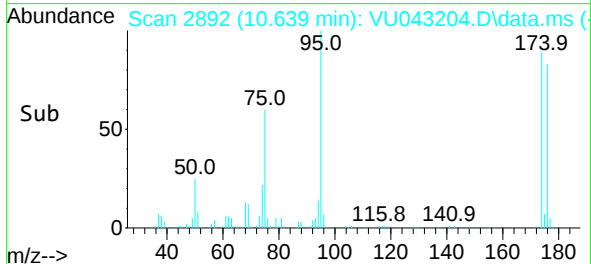
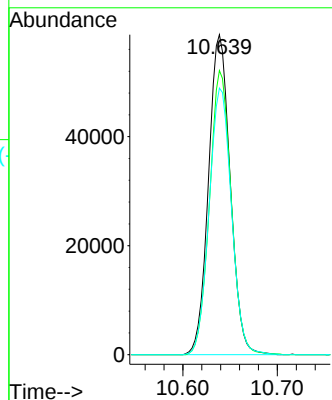
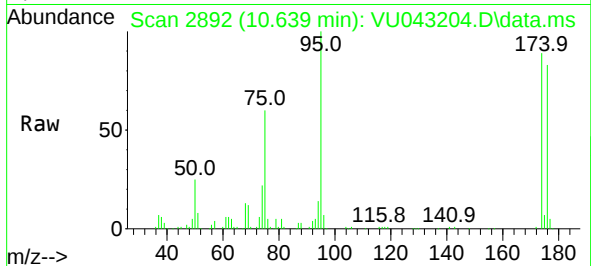




#62
4-Bromofluorobenzene
Concen: 42.83 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043204.D
Acq: 19 Apr 2021 19:07

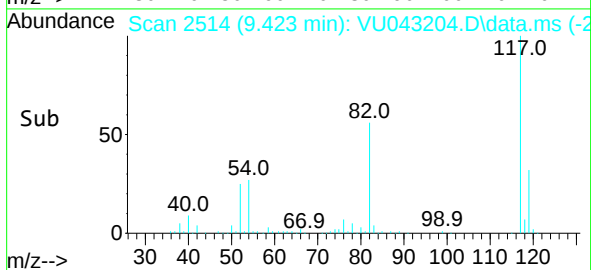
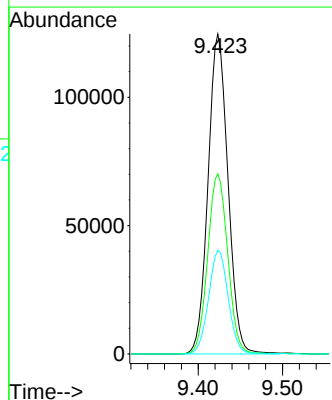
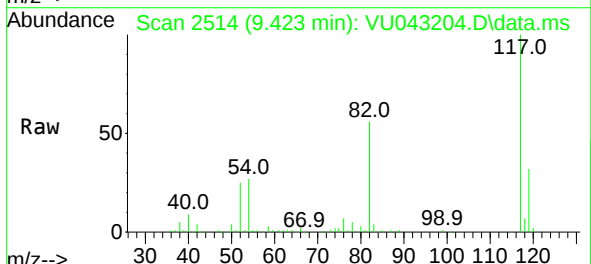
Instrument :
MSVOA_U
ClientSampleId :

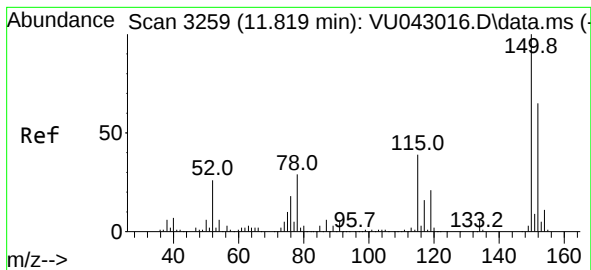
Tgt Ion: 95 Resp: 93527
Ion Ratio Lower Upper
95 100
174 88.7 0.0 172.2
176 85.8 0.0 168.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043204.D
Acq: 19 Apr 2021 19:07

Tgt Ion: 117 Resp: 204972
Ion Ratio Lower Upper
117 100
82 56.2 45.8 68.6
119 32.4 25.8 38.8

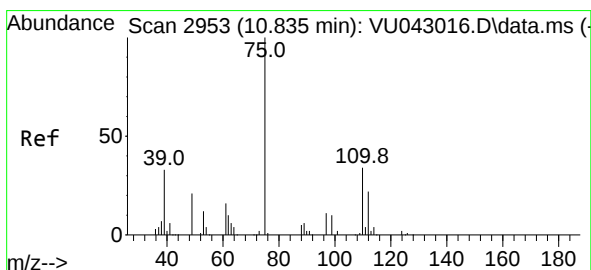
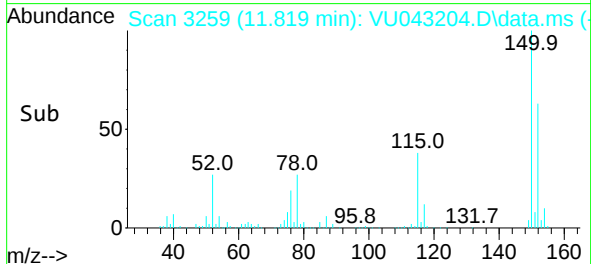
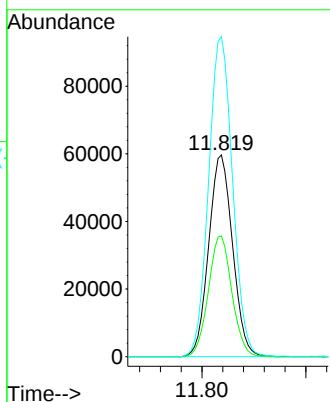
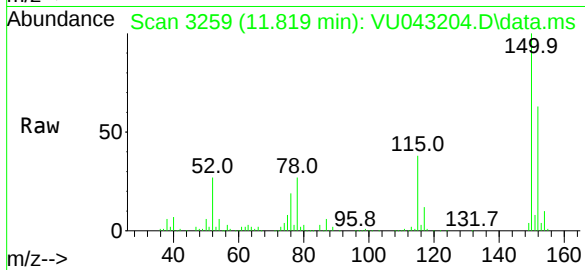




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU043204.D
 Acq: 19 Apr 2021 19:07

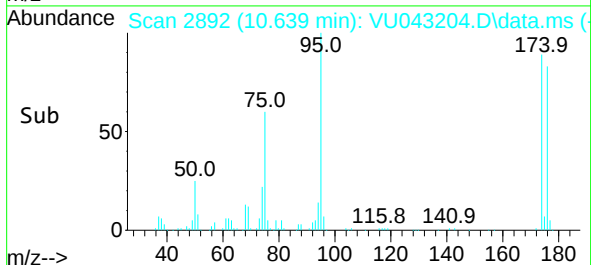
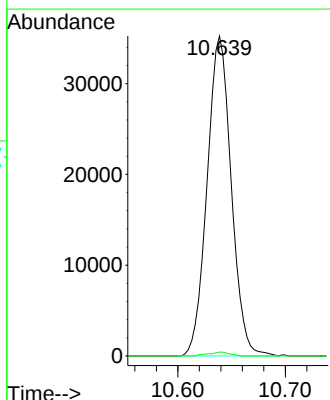
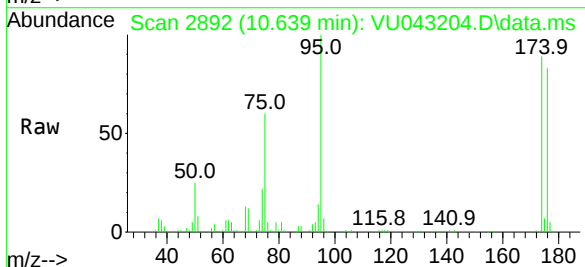
Instrument :
 MSVOA_U
 ClientSampled :

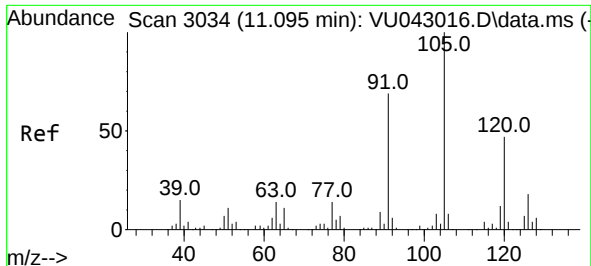
Tgt Ion:152 Resp: 95374
 Ion Ratio Lower Upper
 152 100
 115 58.7 41.5 124.6
 150 158.8 0.0 342.4



#76
 1,2,3-Trichloropropane
 Concen: 19.74 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.196 min
 Lab File: VU043204.D
 Acq: 19 Apr 2021 19:07

Tgt Ion: 75 Resp: 55003
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.2 60.5#

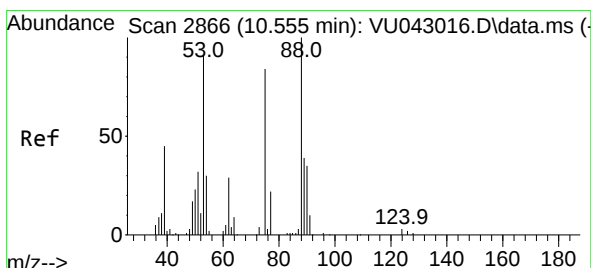
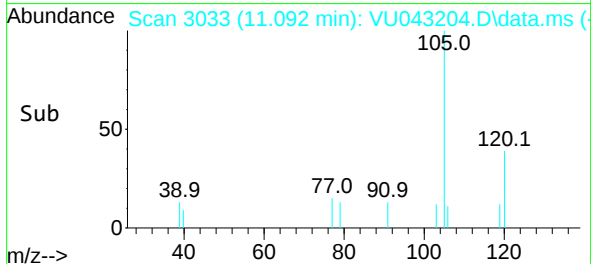
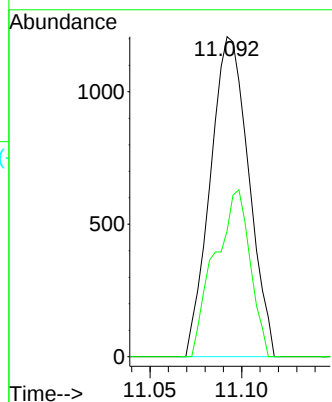
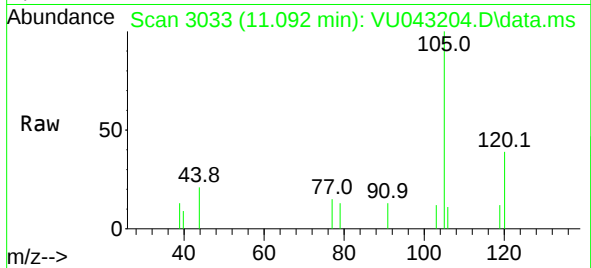




#80
1,3,5-Trimethylbenzene
Concen: 0.31 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. -0.003 min
Lab File: VU043204.D
Acq: 19 Apr 2021 19:07

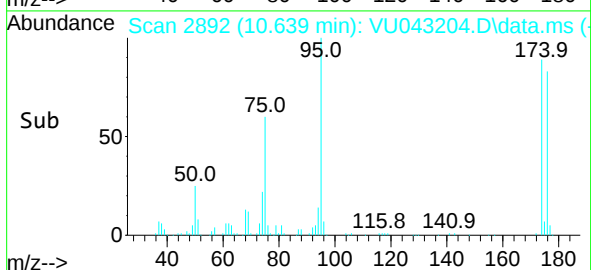
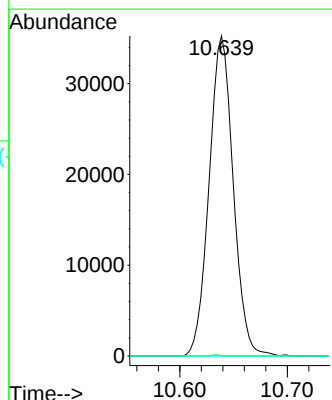
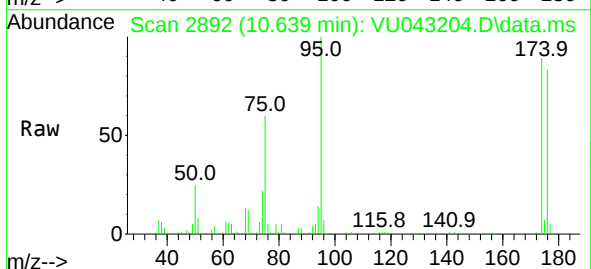
Instrument :
MSVOA_U
ClientSampled :

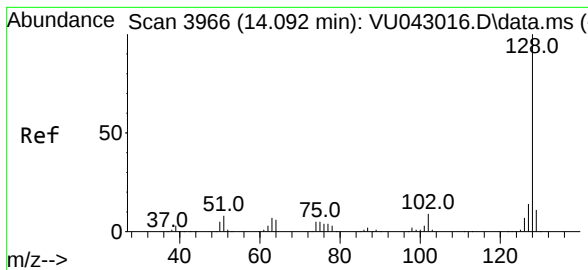
Tgt Ion:105 Resp: 1758
Ion Ratio Lower Upper
105 100
120 48.1 23.8 71.4



#81
trans-1,4-Dichloro-2-butene
Concen: 57.99 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043204.D
Acq: 19 Apr 2021 19:07

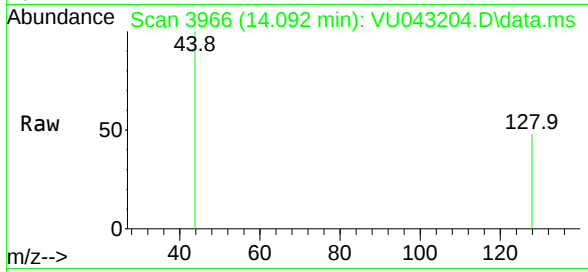
Tgt Ion: 75 Resp: 55003
Ion Ratio Lower Upper
75 100
53 0.1 85.6 128.4#
89 0.0 35.7 53.5#





#95
 Naphthalene
 Concen: 2.75 ug/l
 RT: 14.092 min Scan# 3966
 Delta R.T. -0.000 min
 Lab File: VU043204.D
 Acq: 19 Apr 2021 19:07

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:128 Resp: 99
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.8 16.2#
 129 0.0 8.6 13.0#

