

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061421\
 Data File : VU044209.D
 Acq On : 15 Jun 2021 02:47
 Operator : SY/MD
 Sample : M2687-15
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 15 05:00:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 05:11:37 2021
 Response via : Initial Calibration

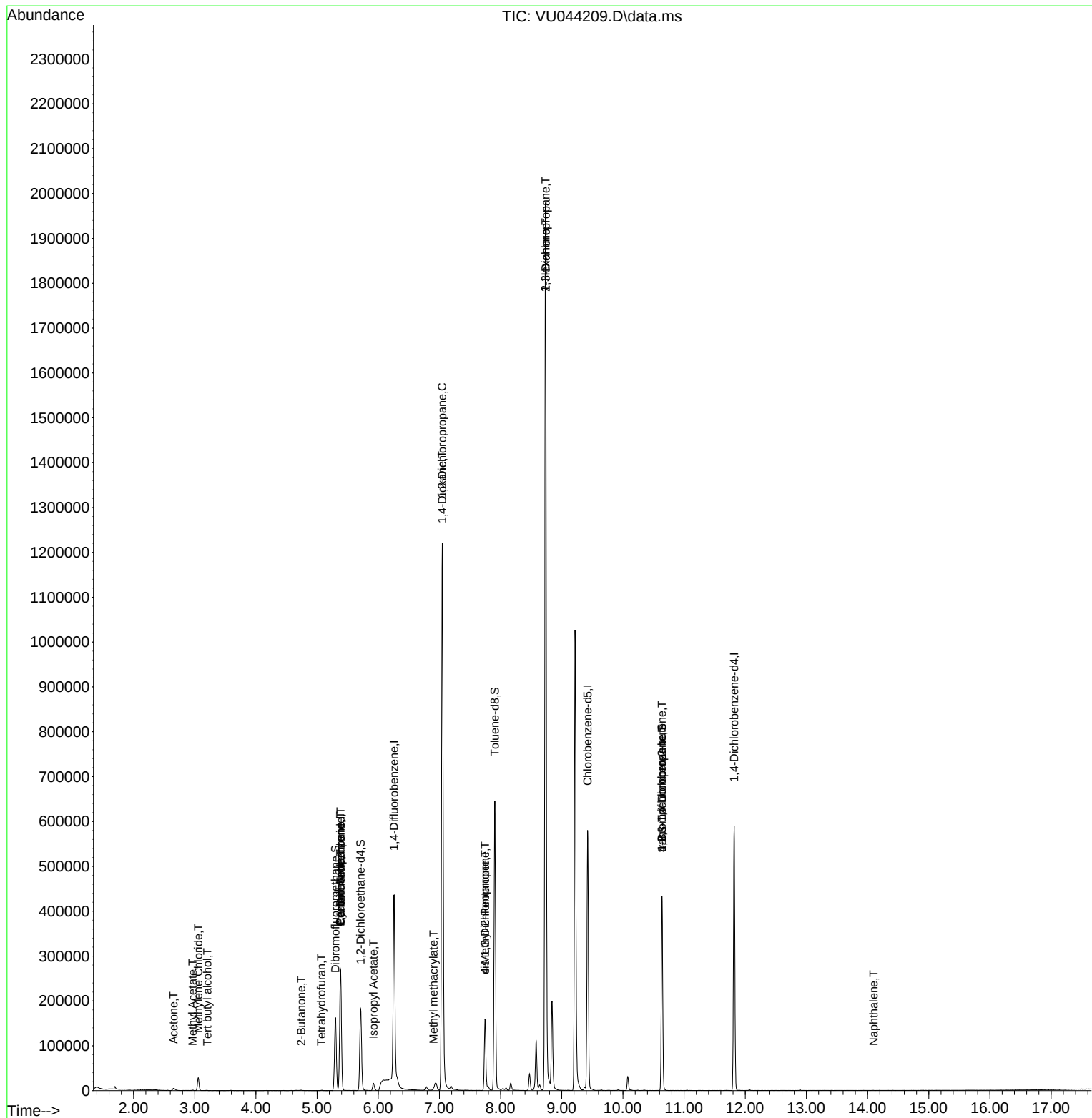
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.385	168	178110	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.260	114	327134	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	319616	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	151047	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	136016	48.021	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.040%	
35) Dibromofluoromethane	5.298	113	107301	47.152	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.300%	
50) Toluene-d8	7.906	98	422135	48.302	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.600%	
62) 4-Bromofluorobenzene	10.639	95	149321	42.634	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.260%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.527	50	341	Below Cal	#	75
6) Chloroethane	1.900	64	129	Below Cal	#	42
11) Tert butyl alcohol	3.208	59	245	0.322	ug/l #	73
16) Acetone	2.652	43	9678	4.515	ug/l	100
18) Methyl Acetate	2.967	43	1314	0.361	ug/l	92
20) Methylene Chloride	3.057	84	14009	4.395	ug/l	97
25) 2-Butanone	4.742	43	2171	0.918	ug/l	97
29) Tetrahydrofuran	5.070	42	651	0.507	ug/l #	64
31) Cyclohexane	5.382	56	4012	1.004	ug/l #	1
36) 1,1-Dichloropropene	5.382	75	15168	4.168	ug/l #	50
38) Carbon Tetrachloride	5.385	117	18531	5.640	ug/l #	17
43) Isopropyl Acetate	5.922	43	17234	2.787	ug/l	99
45) 1,2-Dichloropropane	7.047	63	1520	0.519	ug/l #	43
48) Methyl methacrylate	6.906	41	6800	2.260	ug/l #	11
49) 1,4-Dioxane	7.044	88	75	0.953	ug/l #	1
51) 4-Methyl-2-Pentanone	7.745	43	56028	12.519	ug/l #	45
54) cis-1,3-Dichloropropene	7.745	75	31236	7.121	ug/l #	62
57) 1,3-Dichloropropane	8.735	76	21107	4.431	ug/l #	43
59) 2-Hexanone	8.735	43	264721	74.114	ug/l #	49
76) 1,2,3-Trichloropropane	10.639	75	73602	14.533	ug/l #	47
81) trans-1,4-Dichloro-2-b...	10.639	75	73602	52.684	ug/l #	13
95) Naphthalene	14.098	128	412	2.872	ug/l #	69

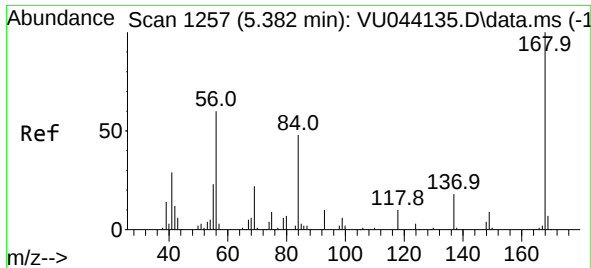
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 10 05:11:37 2021
Response via : Initial Calibration

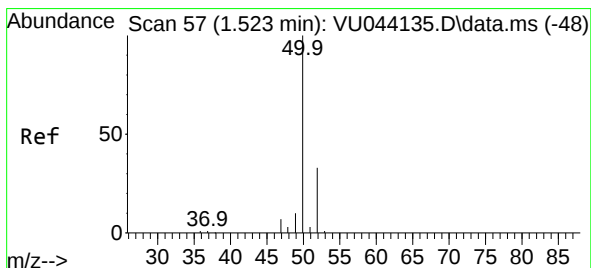
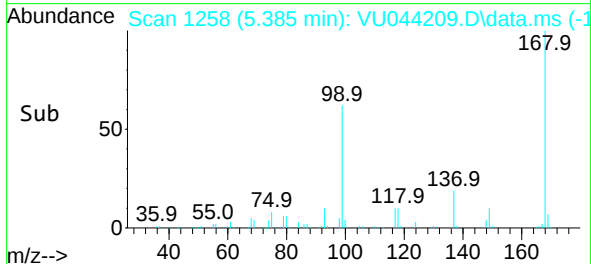
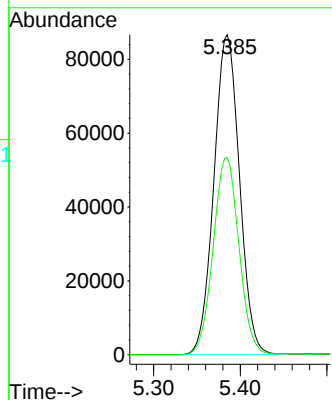
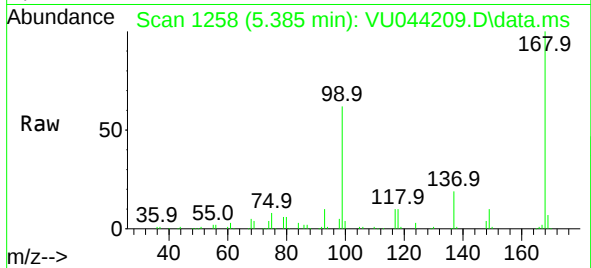




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. 0.003 min
Lab File: VU044209.D
Acq: 15 Jun 2021 02:47

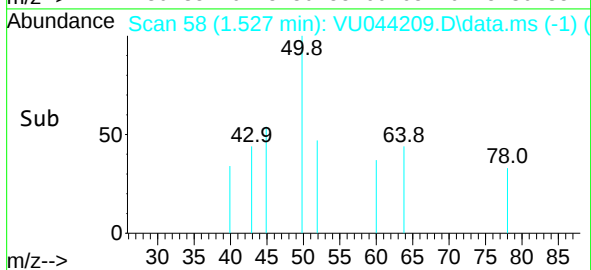
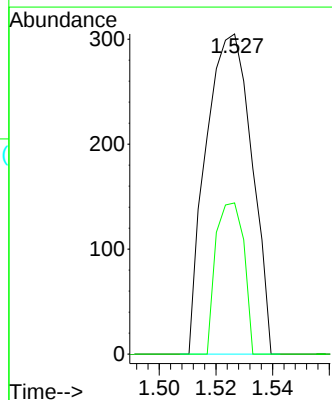
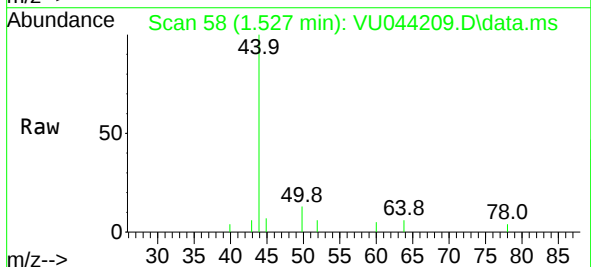
Instrument :
MSVOA_U
ClientSampled :

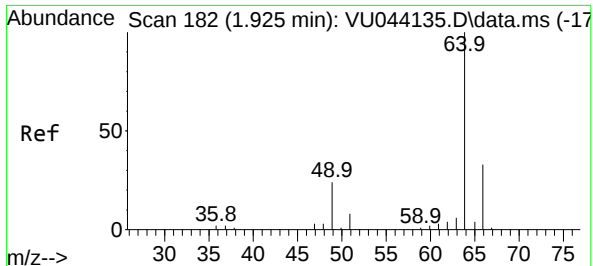
Tgt Ion:168 Resp: 178110
Ion Ratio Lower Upper
168 100
99 61.7 51.3 76.9



#3
Chloromethane
Concen: Below Cal
RT: 1.527 min Scan# 58
Delta R.T. 0.004 min
Lab File: VU044209.D
Acq: 15 Jun 2021 02:47

Tgt Ion: 50 Resp: 341
Ion Ratio Lower Upper
50 100
52 47.2 26.6 39.8#

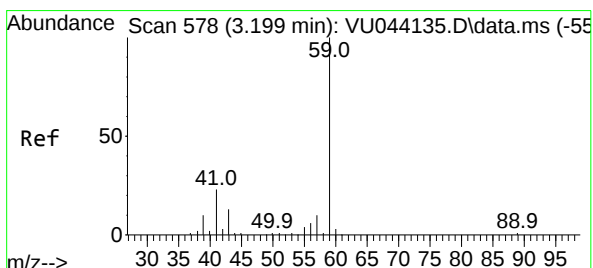
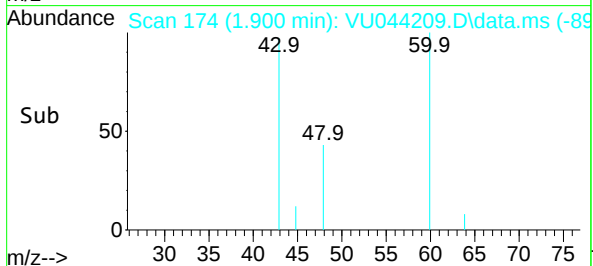
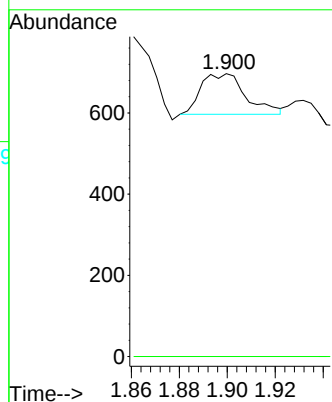
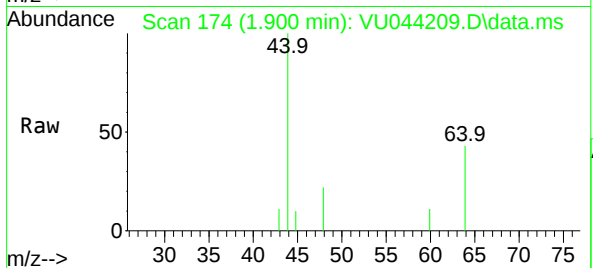




#6
Chloroethane
Concen: Below Cal
RT: 1.900 min Scan# 174
Delta R.T. -0.025 min
Lab File: VU044209.D
Acq: 15 Jun 2021 02:47

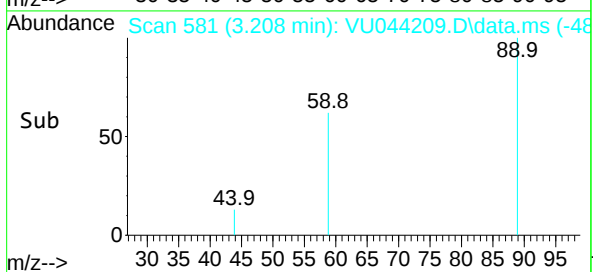
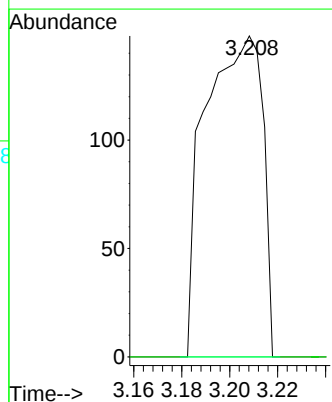
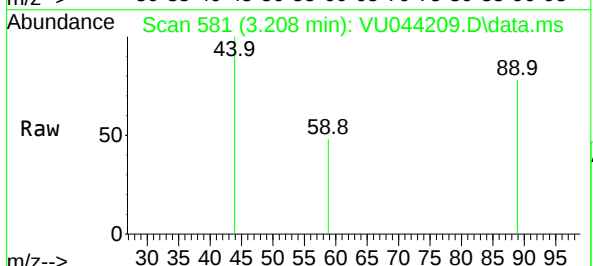
Instrument :
MSVOA_U
ClientSampleId :

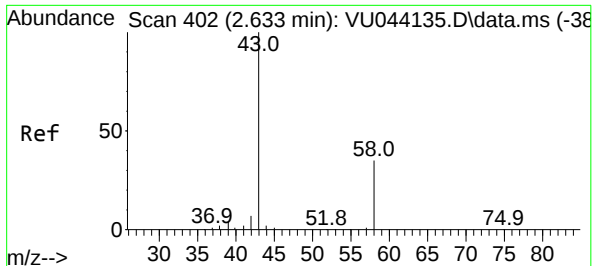
Tgt Ion: 64 Resp: 129
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#



#11
Tert butyl alcohol
Concen: 0.322 ug/l
RT: 3.208 min Scan# 581
Delta R.T. 0.009 min
Lab File: VU044209.D
Acq: 15 Jun 2021 02:47

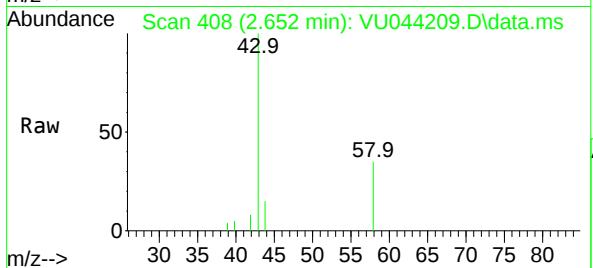
Tgt Ion: 59 Resp: 245
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



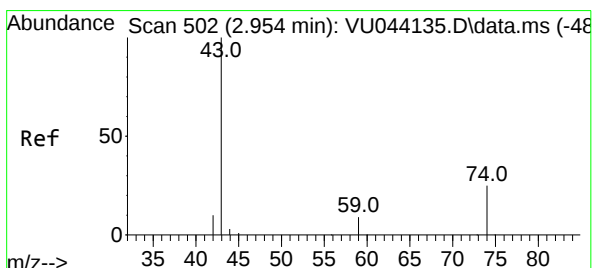
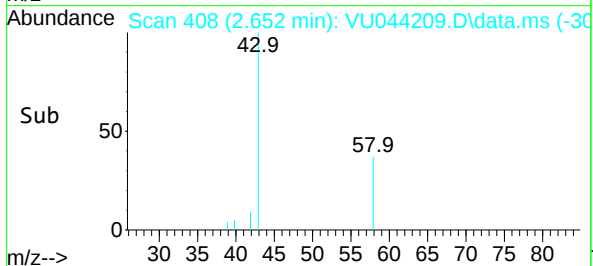
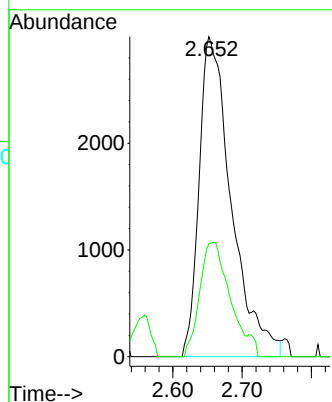


#16
Acetone
Concen: 4.515 ug/l
RT: 2.652 min Scan# 408
Delta R.T. 0.019 min
Lab File: VU044209.D
Acq: 15 Jun 2021 02:47

Instrument :
MSVOA_U
ClientSampled :

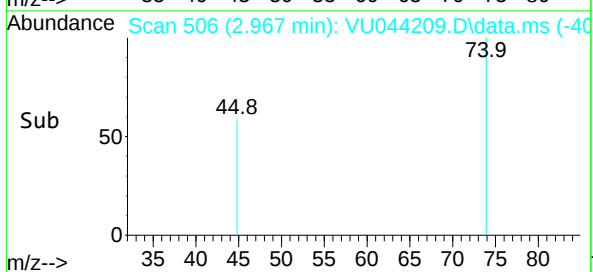
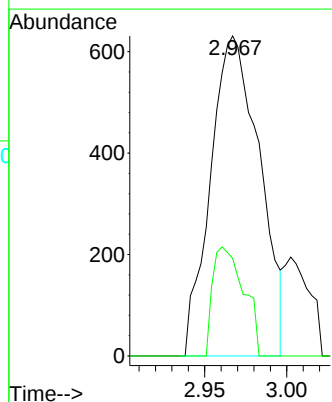
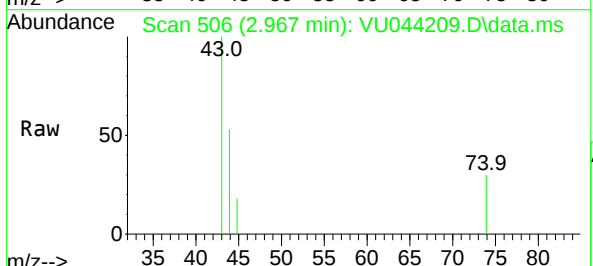


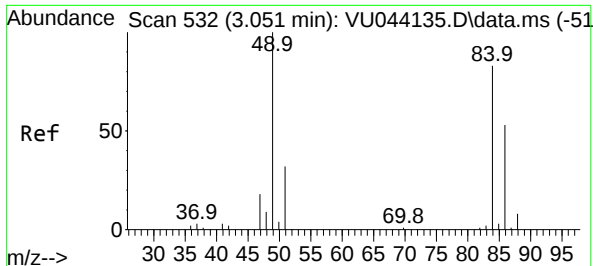
Tgt Ion: 43 Resp: 9678
Ion Ratio Lower Upper
43 100
58 35.3 28.0 42.0



#18
Methyl Acetate
Concen: 0.361 ug/l
RT: 2.967 min Scan# 506
Delta R.T. 0.013 min
Lab File: VU044209.D
Acq: 15 Jun 2021 02:47

Tgt Ion: 43 Resp: 1314
Ion Ratio Lower Upper
43 100
74 21.5 20.3 30.5





#20

Methylene Chloride

Concen: 4.395 ug/l

RT: 3.057 min Scan# 534

Delta R.T. 0.006 min

Lab File: VU044209.D

Acq: 15 Jun 2021 02:47

Tgt Ion: 84 Resp: 14009

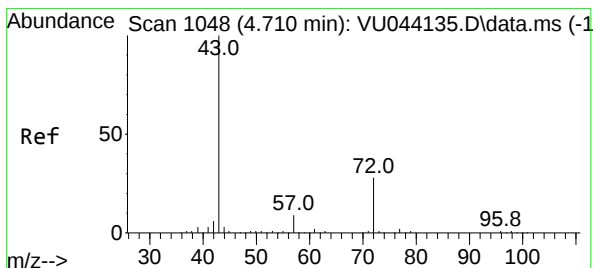
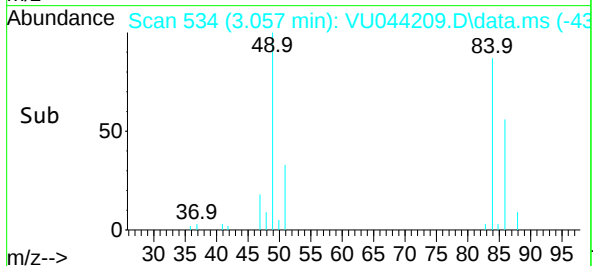
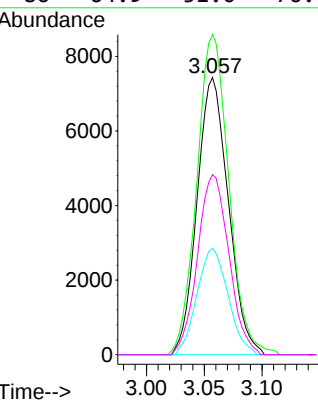
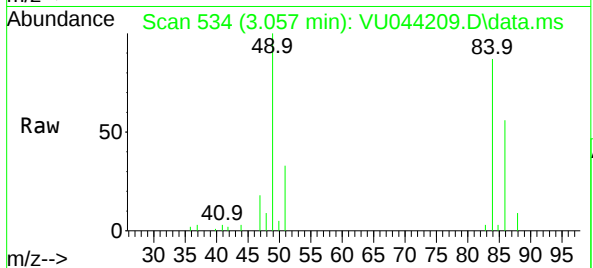
Ion Ratio Lower Upper

84 100

49 115.5 96.9 145.3

51 38.5 31.0 46.6

86 64.9 51.0 76.6



#25

2-Butanone

Concen: 0.918 ug/l

RT: 4.742 min Scan# 1058

Delta R.T. 0.032 min

Lab File: VU044209.D

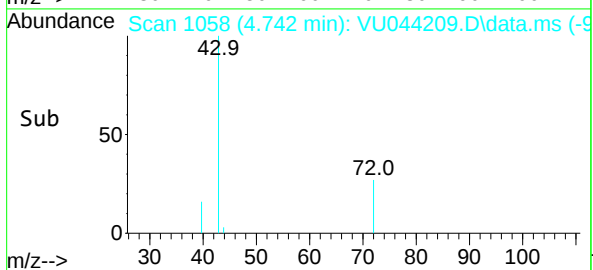
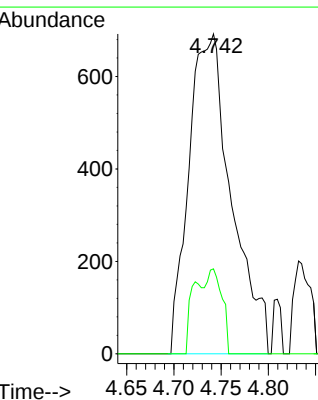
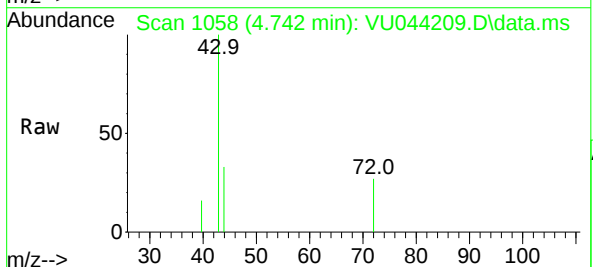
Acq: 15 Jun 2021 02:47

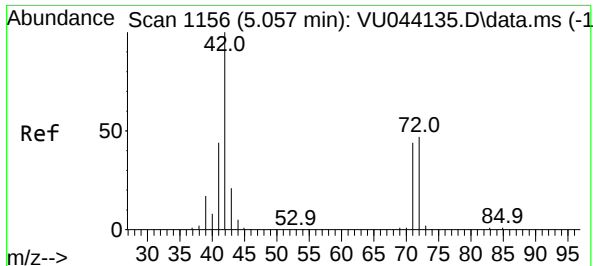
Tgt Ion: 43 Resp: 2171

Ion Ratio Lower Upper

43 100

72 26.6 22.6 33.8





#29

Tetrahydrofuran

Concen: 0.507 ug/l

RT: 5.070 min Scan# 1160

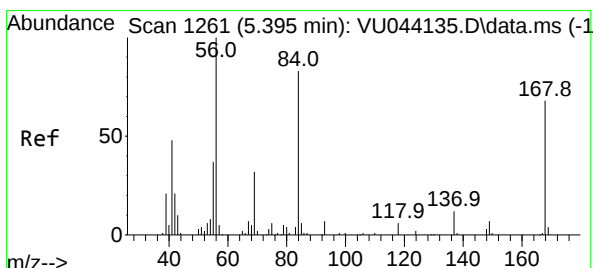
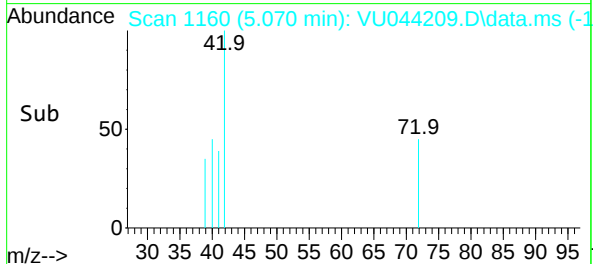
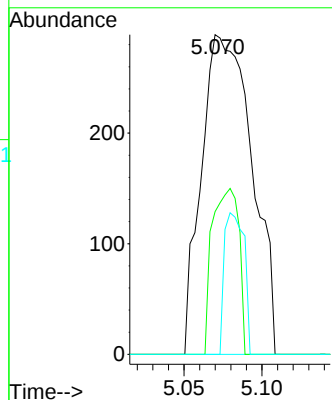
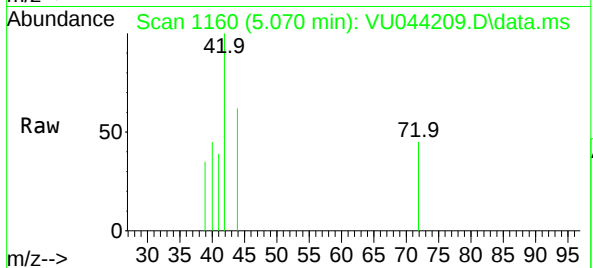
Delta R.T. 0.013 min

Lab File: VU044209.D

Acq: 15 Jun 2021 02:47

Tgt Ion:	42	Resp:	651
Ion	Ratio	Lower	Upper
42	100		
72	27.3	38.6	57.8#
71	17.4	35.5	53.3#

Instrument :
MSVOA_U
ClientSampled :



#31

Cyclohexane

Concen: 1.004 ug/l

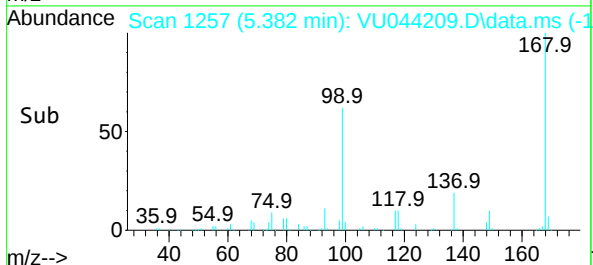
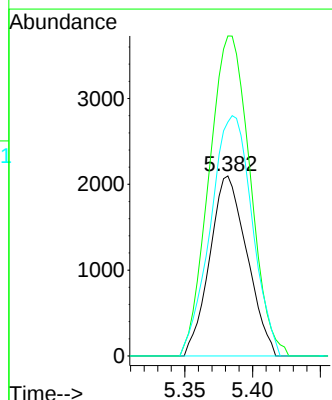
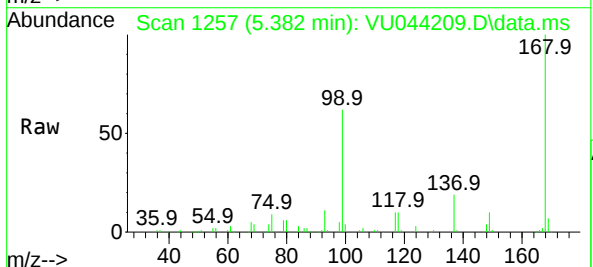
RT: 5.382 min Scan# 1257

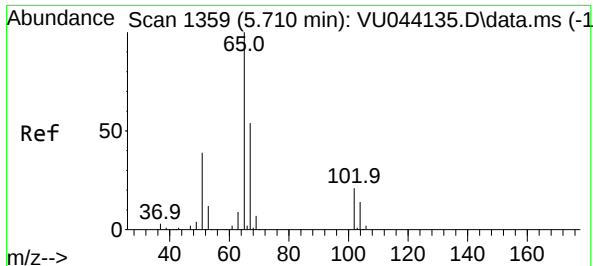
Delta R.T. -0.013 min

Lab File: VU044209.D

Acq: 15 Jun 2021 02:47

Tgt Ion:	56	Resp:	4012
Ion	Ratio	Lower	Upper
56	100		
69	177.7	25.5	38.3#
84	129.9	66.3	99.5#



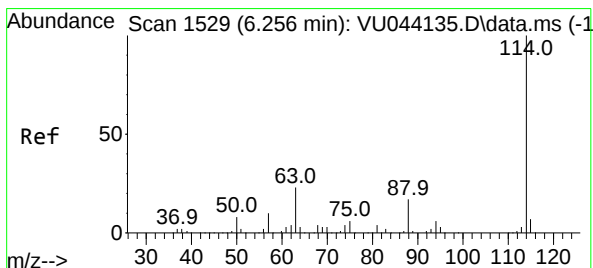
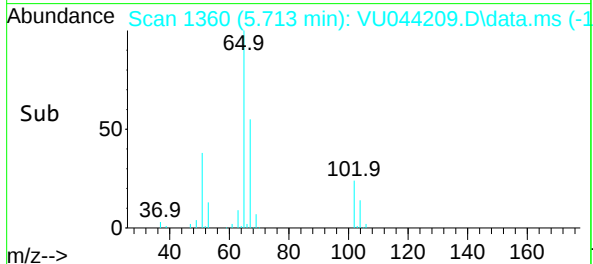
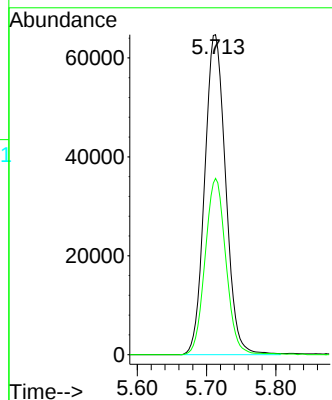
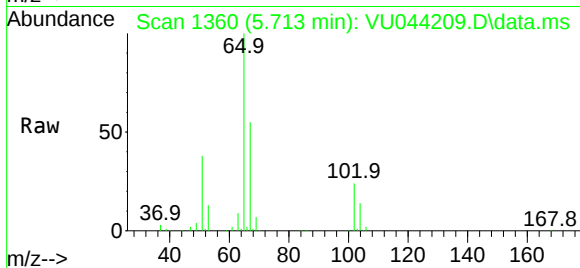


#33

1,2-Dichloroethane-d4
Concen: 48.021 ug/l
RT: 5.713 min Scan# 1360
Delta R.T. 0.003 min
Lab File: VU044209.D
Acq: 15 Jun 2021 02:47

Instrument :
MSVOA_U
ClientSampled :

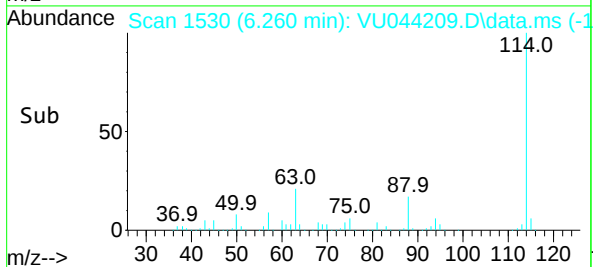
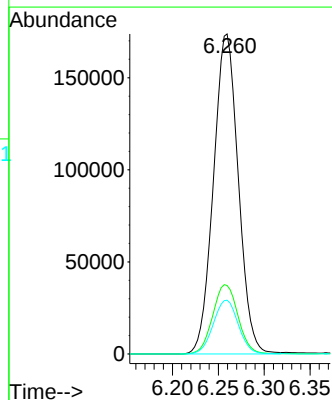
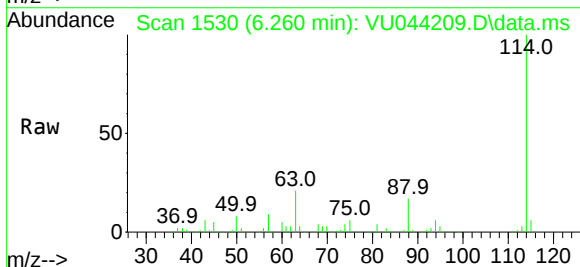
Tgt Ion: 65 Resp: 136016
Ion Ratio Lower Upper
65 100
67 54.6 0.0 106.6

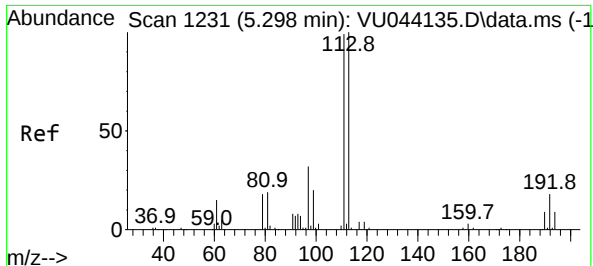


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.260 min Scan# 1530
Delta R.T. 0.003 min
Lab File: VU044209.D
Acq: 15 Jun 2021 02:47

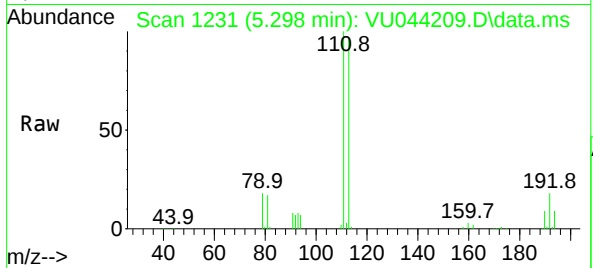
Tgt Ion: 114 Resp: 327134
Ion Ratio Lower Upper
114 100
63 21.4 0.0 45.8
88 16.8 0.0 34.0



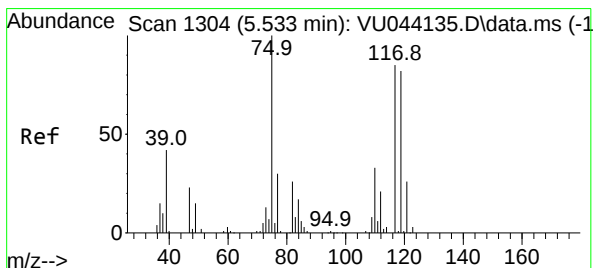
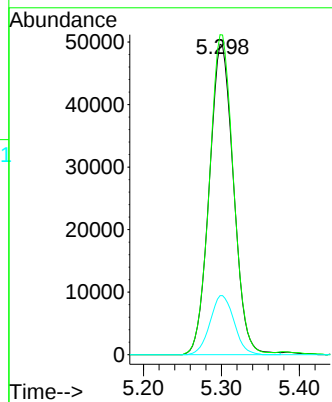
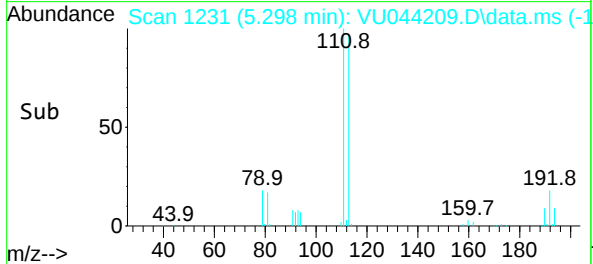


#35
Dibromofluoromethane
Concen: 47.152 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU044209.D
Acq: 15 Jun 2021 02:47

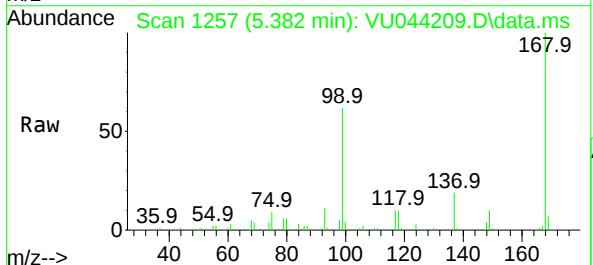
Instrument :
MSVOA_U
ClientSampled :



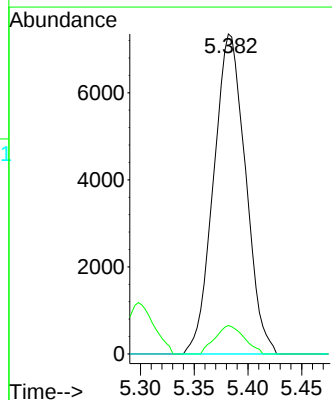
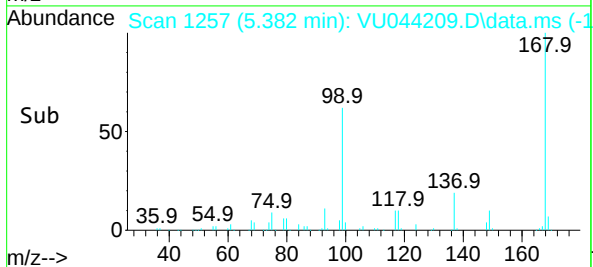
Tgt Ion: 113 Resp: 107301
Ion Ratio Lower Upper
113 100
111 102.0 81.0 121.4
192 18.8 14.3 21.5

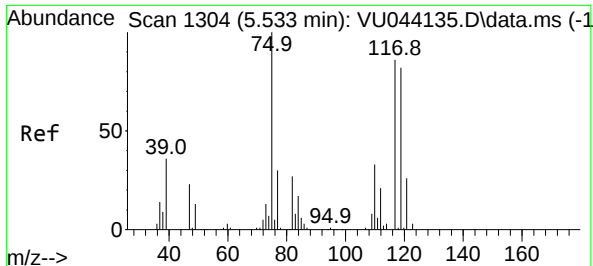


#36
1,1-Dichloropropene
Concen: 4.168 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU044209.D
Acq: 15 Jun 2021 02:47



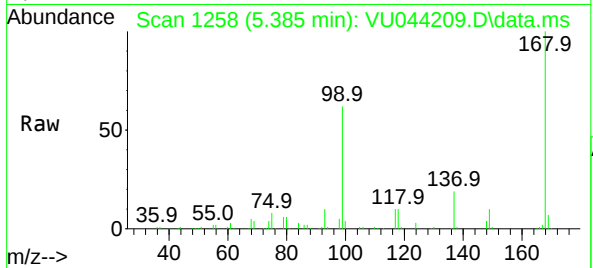
Tgt Ion: 75 Resp: 15168
Ion Ratio Lower Upper
75 100
110 8.1 16.4 49.4#
77 0.0 24.7 37.1#



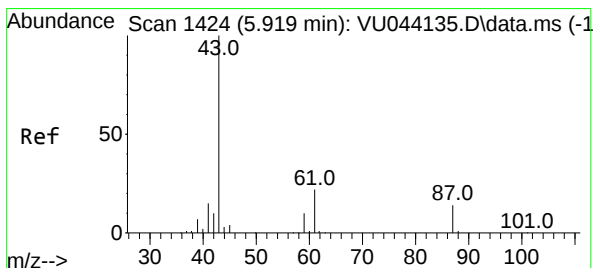
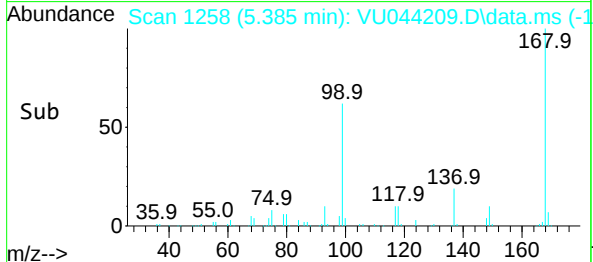
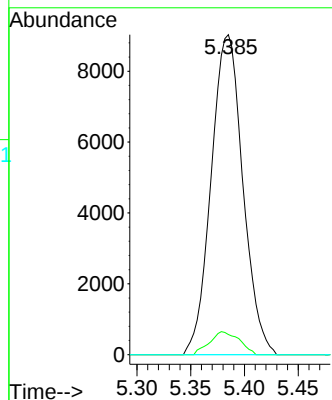


#38
Carbon Tetrachloride
Concen: 5.640 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.148 min
Lab File: VU044209.D
Acq: 15 Jun 2021 02:47

Instrument :
MSVOA_U
ClientSampled :

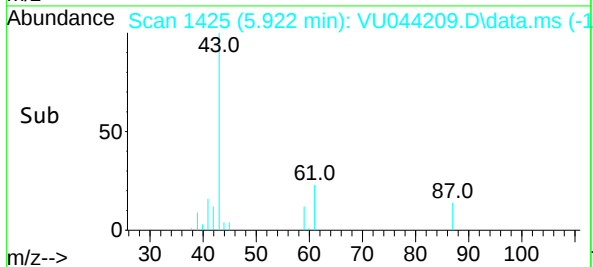
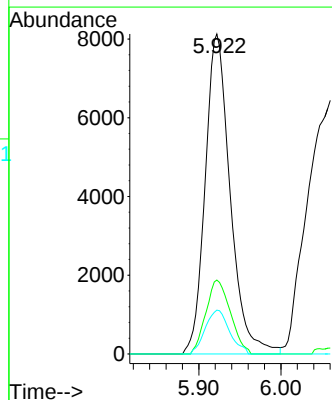
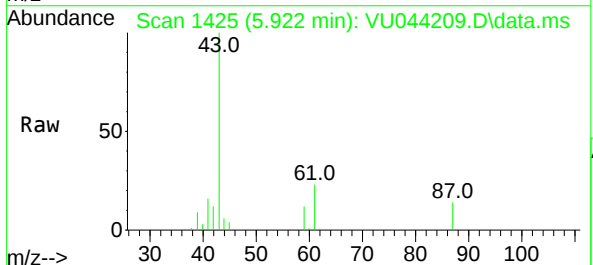


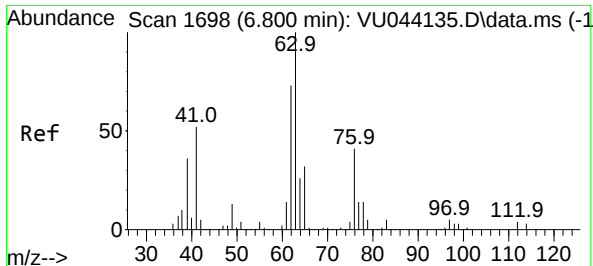
Tgt Ion:117 Resp: 18531
Ion Ratio Lower Upper
117 100
119 6.3 76.6 114.8#
121 0.0 24.6 36.8#



#43
Isopropyl Acetate
Concen: 2.787 ug/l
RT: 5.922 min Scan# 1425
Delta R.T. 0.003 min
Lab File: VU044209.D
Acq: 15 Jun 2021 02:47

Tgt Ion: 43 Resp: 17234
Ion Ratio Lower Upper
43 100
61 22.5 17.8 26.8
87 13.3 11.1 16.7



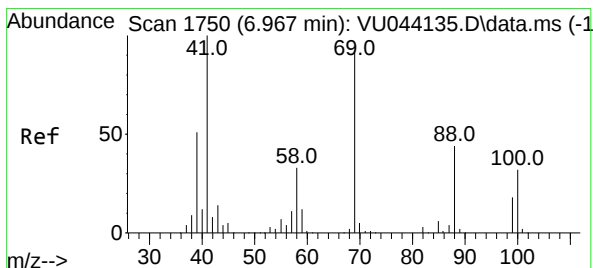
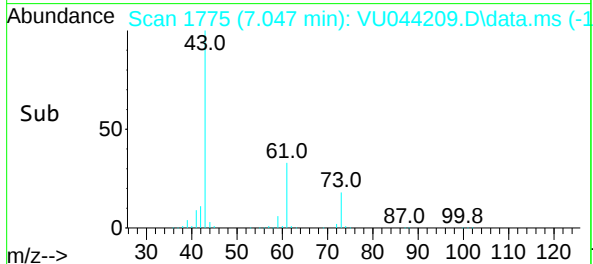
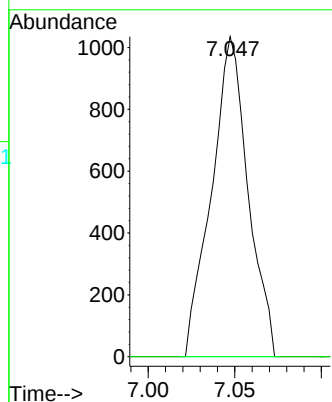
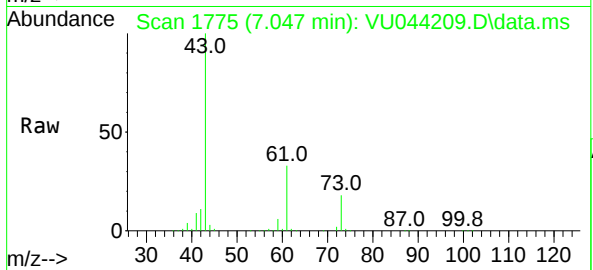


#45

1,2-Dichloropropane
Concen: 0.519 ug/l
RT: 7.047 min Scan# 1775
Delta R.T. 0.247 min
Lab File: VU044209.D
Acq: 15 Jun 2021 02:47

Instrument :
MSVOA_U
ClientSampled :

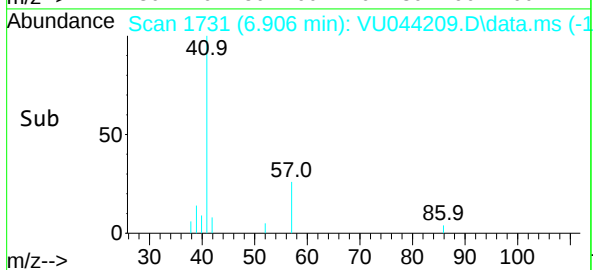
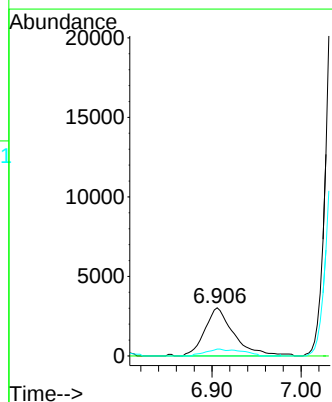
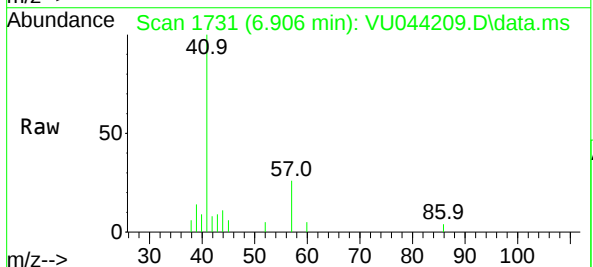
Tgt Ion: 63 Resp: 1520
Ion Ratio Lower Upper
63 100
65 0.0 25.7 38.5#

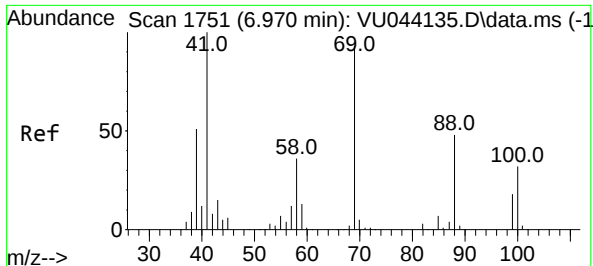


#48

Methyl methacrylate
Concen: 2.260 ug/l
RT: 6.906 min Scan# 1731
Delta R.T. -0.061 min
Lab File: VU044209.D
Acq: 15 Jun 2021 02:47

Tgt Ion: 41 Resp: 6800
Ion Ratio Lower Upper
41 100
69 0.0 74.0 111.0#
39 0.0 41.5 62.3#





#49

1,4-Dioxane

Concen: 0.953 ug/l

RT: 7.044 min Scan# 1774

Delta R.T. 0.074 min

Lab File: VU044209.D

Acq: 15 Jun 2021 02:47

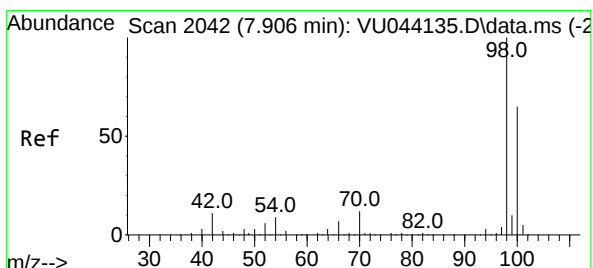
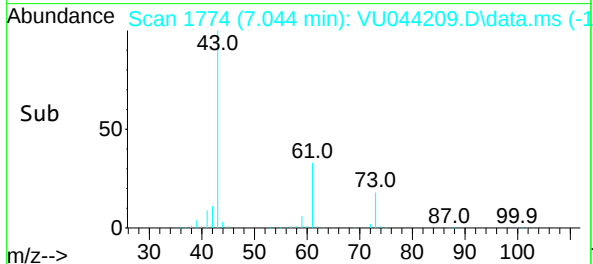
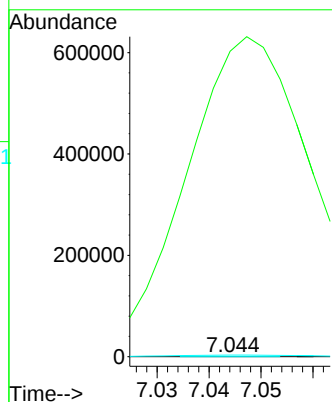
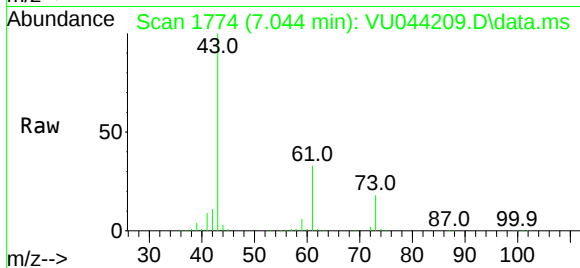
Tgt Ion: 88 Resp: 75

Ion Ratio Lower Upper

88 100

43 1525877.3 23.4 35.0#

58 8733.3 58.1 87.1#



#50

Toluene-d8

Concen: 48.302 ug/l

RT: 7.906 min Scan# 2042

Delta R.T. -0.000 min

Lab File: VU044209.D

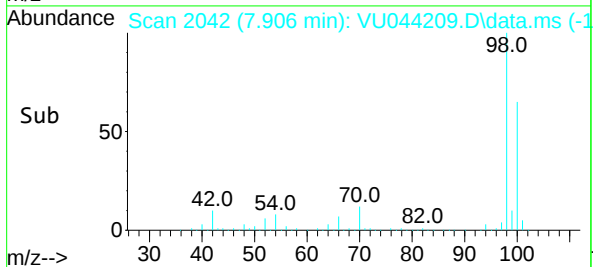
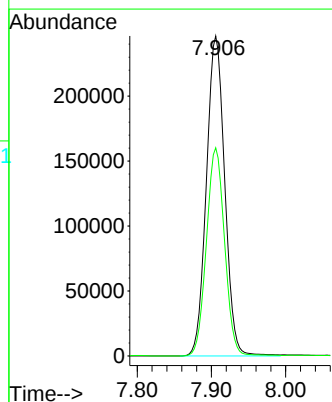
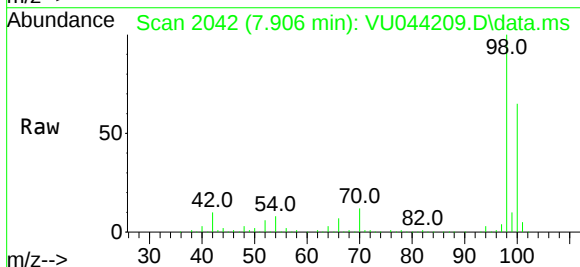
Acq: 15 Jun 2021 02:47

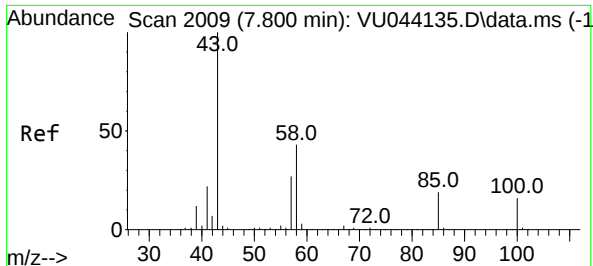
Tgt Ion: 98 Resp: 422135

Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.4

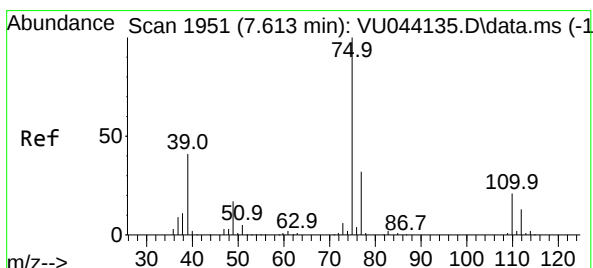
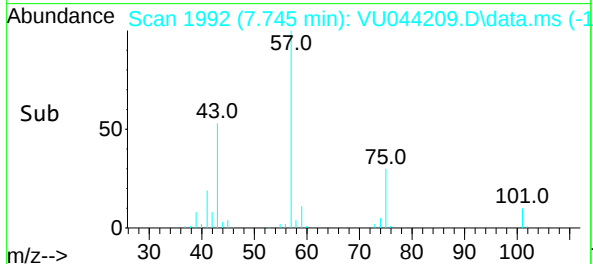
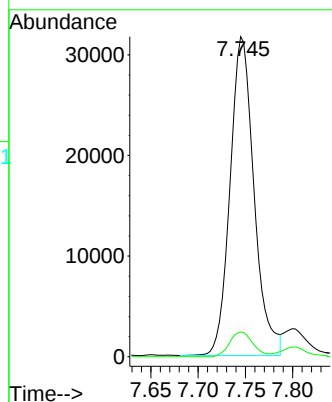
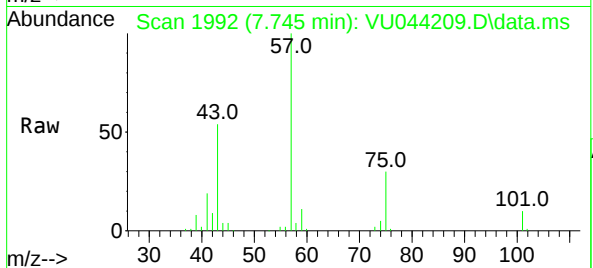




#51
4-Methyl-2-Pentanone
Concen: 12.519 ug/l
RT: 7.745 min Scan# 1992
Delta R.T. -0.055 min
Lab File: VU044209.D
Acq: 15 Jun 2021 02:47

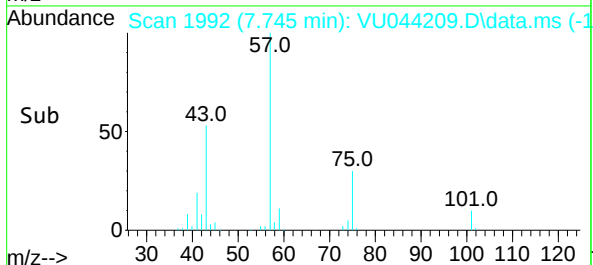
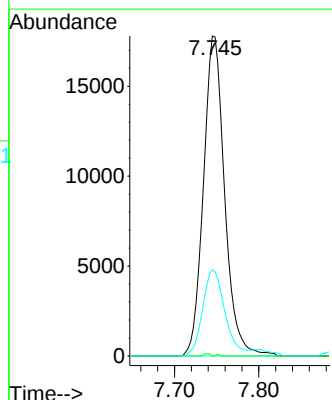
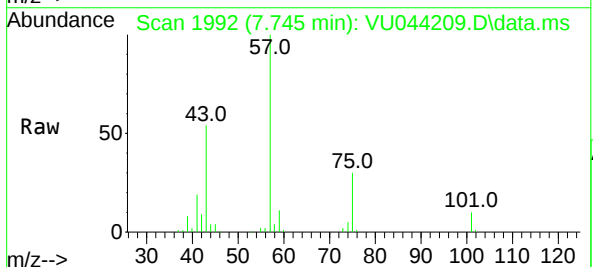
Instrument :
MSVOA_U
ClientSampled :

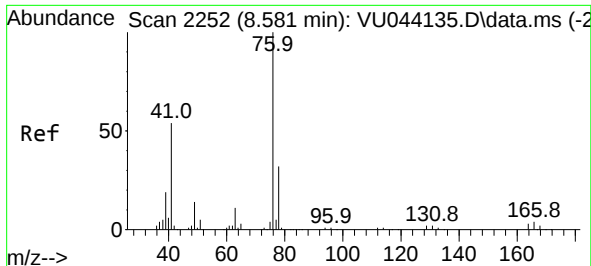
Tgt Ion: 43 Resp: 56028
Ion Ratio Lower Upper
43 100
58 7.6 34.5 51.7#



#54
cis-1,3-Dichloropropene
Concen: 7.121 ug/l
RT: 7.745 min Scan# 1992
Delta R.T. 0.132 min
Lab File: VU044209.D
Acq: 15 Jun 2021 02:47

Tgt Ion: 75 Resp: 31236
Ion Ratio Lower Upper
75 100
77 0.0 25.9 38.9#
39 27.0 33.2 49.8#



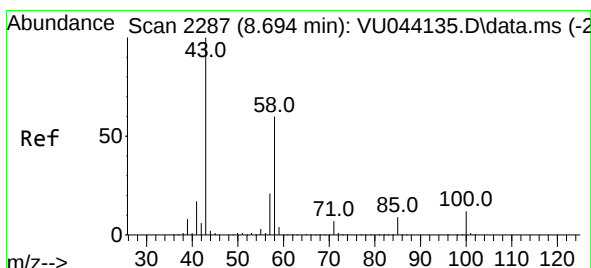
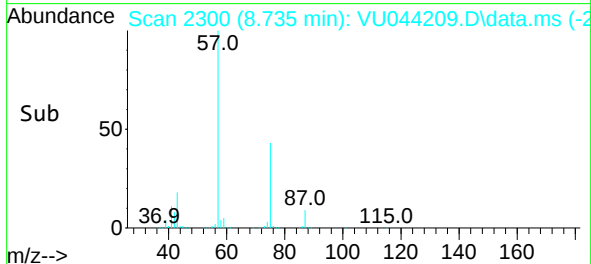
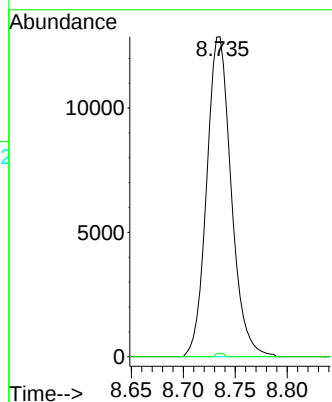
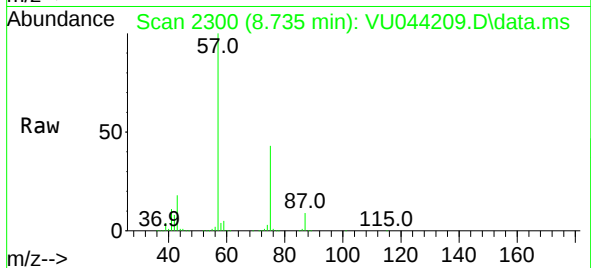


#57

1,3-Dichloropropane
Concen: 4.431 ug/l
RT: 8.735 min Scan# 2300
Delta R.T. 0.154 min
Lab File: VU044209.D
Acq: 15 Jun 2021 02:47

Instrument :
MSVOA_U
ClientSampled :

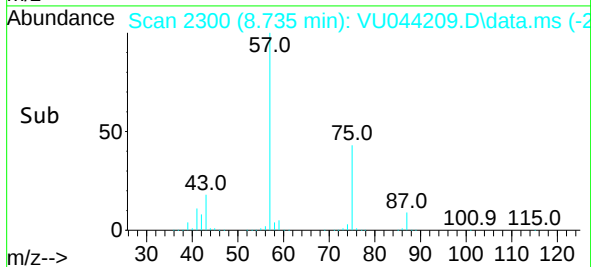
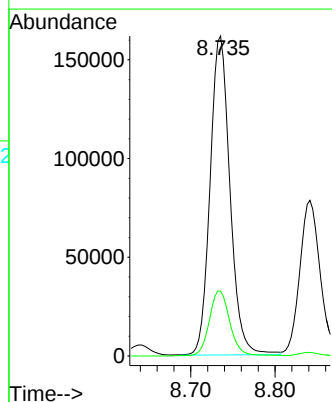
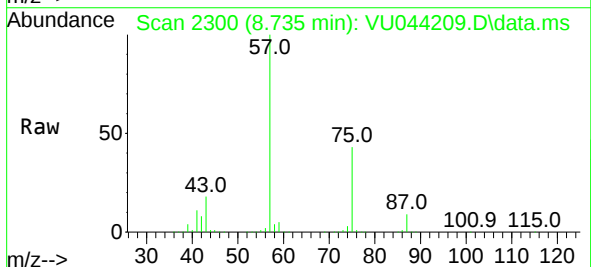
Tgt Ion: 76 Resp: 21107
Ion Ratio Lower Upper
76 100
78 0.3 25.9 38.9#

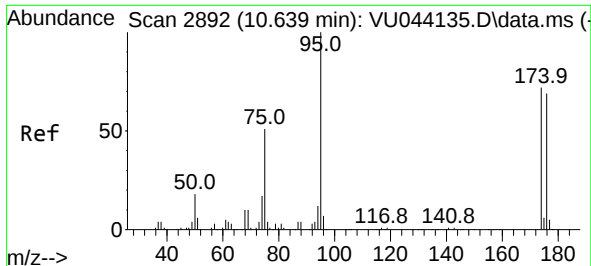


#59

2-Hexanone
Concen: 74.114 ug/l
RT: 8.735 min Scan# 2300
Delta R.T. 0.041 min
Lab File: VU044209.D
Acq: 15 Jun 2021 02:47

Tgt Ion: 43 Resp: 264721
Ion Ratio Lower Upper
43 100
58 21.3 30.0 90.1#

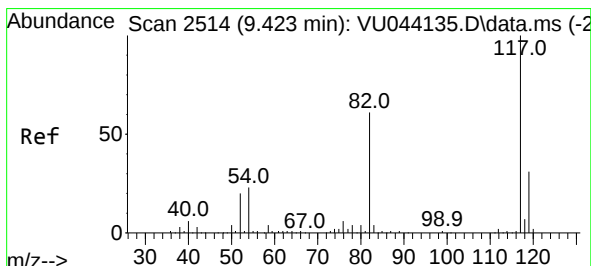
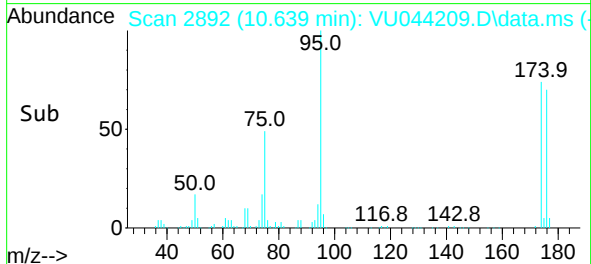
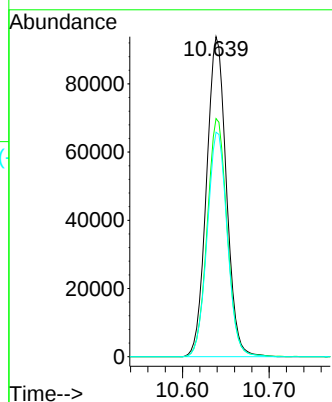
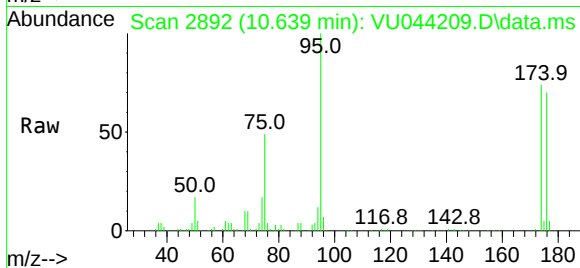




#62
4-Bromofluorobenzene
Concen: 42.634 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU044209.D
Acq: 15 Jun 2021 02:47

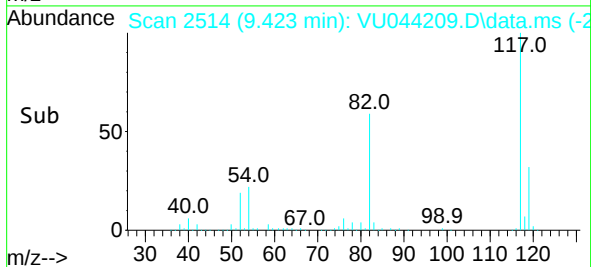
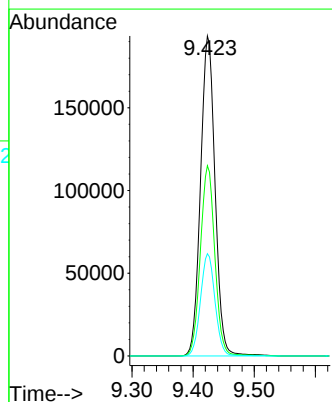
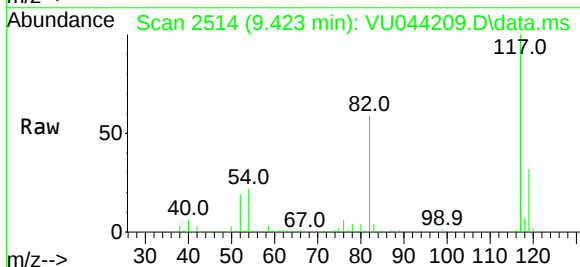
Instrument :
MSVOA_U
ClientSampleId :

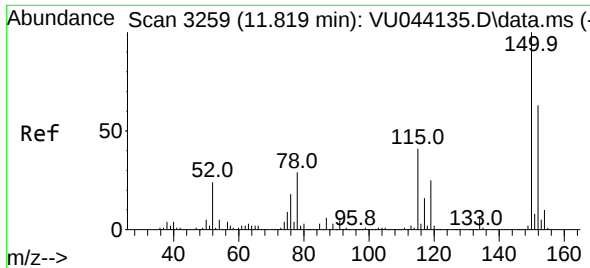
Tgt Ion: 95 Resp: 149321
Ion Ratio Lower Upper
95 100
174 74.7 0.0 144.4
176 70.9 0.0 138.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.000 min
Lab File: VU044209.D
Acq: 15 Jun 2021 02:47

Tgt Ion: 117 Resp: 319616
Ion Ratio Lower Upper
117 100
82 59.4 48.8 73.2
119 31.9 25.0 37.6

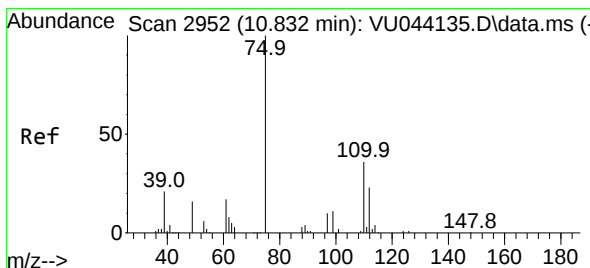
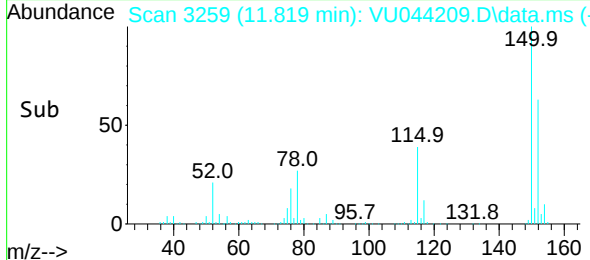
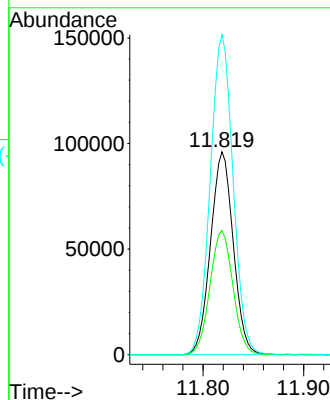
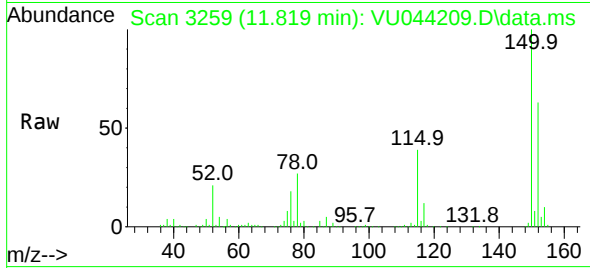




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU044209.D
 Acq: 15 Jun 2021 02:47

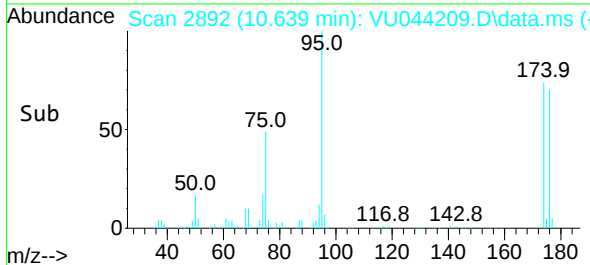
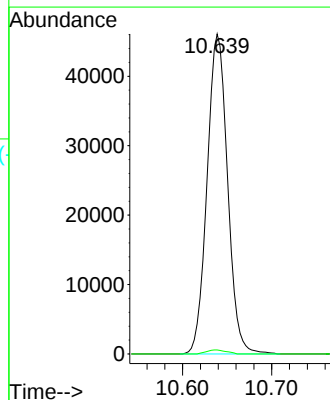
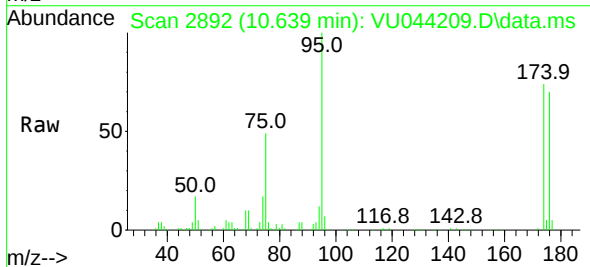
Instrument :
 MSVOA_U
 ClientSampled :

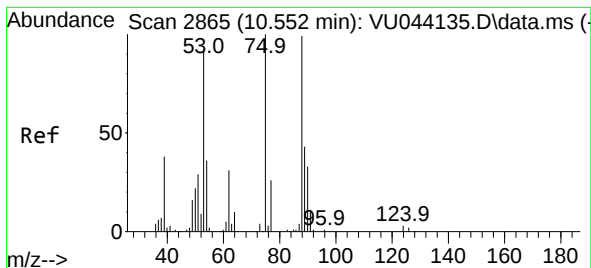
Tgt Ion:152 Resp: 151047
 Ion Ratio Lower Upper
 152 100
 115 61.8 43.8 131.3
 150 158.3 0.0 350.6



#76
 1,2,3-Trichloropropane
 Concen: 14.533 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.193 min
 Lab File: VU044209.D
 Acq: 15 Jun 2021 02:47

Tgt Ion: 75 Resp: 73602
 Ion Ratio Lower Upper
 75 100
 77 1.2 14.9 44.5#

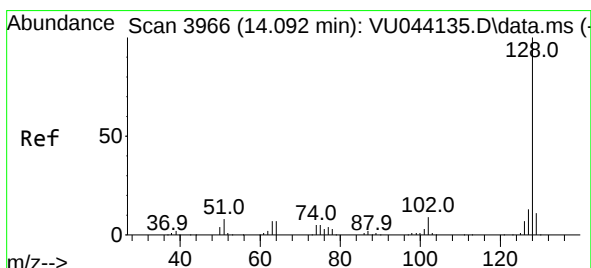
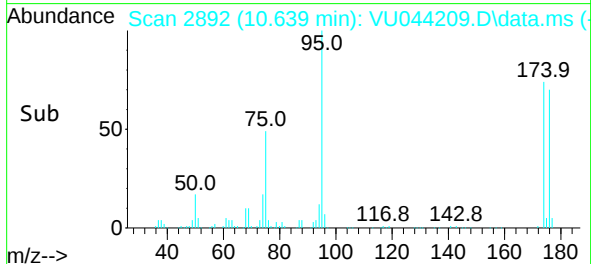
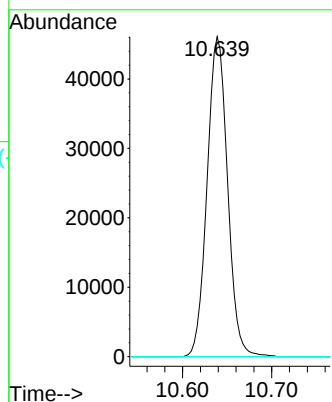
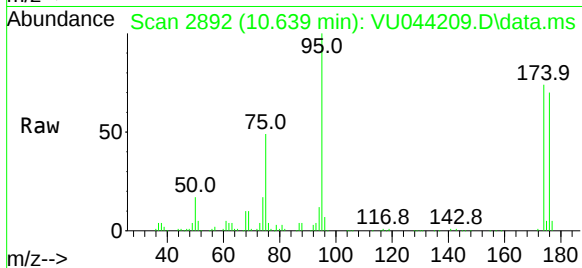




#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.684 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. 0.087 min
 Lab File: VU044209.D
 Acq: 15 Jun 2021 02:47

Instrument :
 MSVOA_U
 ClientSampled :

Tgt Ion: 75 Resp: 73602
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.2#
 89 0.0 35.0 52.6#



#95
 Naphthalene
 Concen: 2.872 ug/l
 RT: 14.098 min Scan# 3968
 Delta R.T. 0.006 min
 Lab File: VU044209.D
 Acq: 15 Jun 2021 02:47

Tgt Ion:128 Resp: 412
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.2 15.2#
 129 0.0 8.6 13.0#

