

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021422\
 Data File : VU047137.D
 Acq On : 14 Feb 2022 17:29
 Operator : SY/MD
 Sample : N1205-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 15 03:51:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021422DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 15 03:17:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.118	96	53920	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.636	95	19259	0.922	ug/l	0.00
Spiked Amount 1.000			Recovery	=	92.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	20731	0.953	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.533	50	620	0.034	ug/l	97
5) Bromomethane	1.864	94	986	0.083	ug/l	94
9) 1,1-Dichloroethene	2.597	96	320	0.025	ug/l	1
10) Iodomethane	2.736	142	159	0.910	ug/l #	34
11) Allyl Chloride	2.951	41	107	0.005	ug/l	94
12) Acrylonitrile	3.311	53	64	0.017	ug/l #	13
13) Acetone	2.649	43	504	Below Cal	#	41
14) Carbon Disulfide	2.806	76	448	0.010	ug/l #	22
15) Methylene Chloride	3.051	84	1960	0.137	ug/l	91
16) trans-1,2-Dichloroethene	3.343	96	34	0.003	ug/l #	1
18) 2-Butanone	4.739	43	561	0.149	ug/l	77
22) cis-1,2-Dichloroethene	4.662	96	143	0.009	ug/l #	1
25) Methyl tert-Butyl Ether	3.202	73	210	0.006	ug/l	93
27) Chloroform	5.096	83	1179698	47.174	ug/l	100
33) Tert-Amyl methyl ether	5.948	73	358	0.010	ug/l #	58
39) Methacrylonitrile	5.092	41	3535	0.698	ug/l #	21
40) Methyl acrylate	4.874	55	19	0.002	ug/l #	70
41) Tetrahydrofuran	5.086	42	2627	1.018	ug/l #	1
43) Dibromomethane	7.108	93	19709	2.487	ug/l #	9
44) Bromodichloromethane	7.108	83	665296	35.491	ug/l	99
45) 4-Methyl-2-Pentanone	7.800	43	601	0.056	ug/l #	41
46) t-1,4-Dichloro-2-butene	10.636	75	10045	2.153	ug/l #	22
54) 2-Hexanone	8.700	43	176	0.022	ug/l #	31
55) Dibromochloromethane	8.813	129	207896	15.121	ug/l	100
59) Chlorobenzene	9.449	112	39	0.001	ug/l #	43
63) Ethyl Benzene	9.571	91	264	0.004	ug/l #	44
64) m/p-Xylenes	9.697	106	43	0.002	ug/l #	1
66) Styrene	10.118	104	200	0.005	ug/l #	42
67) Bromoform	10.292	173	436898	50.145	ug/l #	98
69) Isopropylbenzene	10.488	105	215	0.003	ug/l #	49
71) 1,2,3-Trichloropropane	10.636	75	10045	0.778	ug/l #	36
73) n-propylbenzene	10.909	120	2075	0.108	ug/l	97
75) 1,3,5-Trimethylbenzene	11.089	105	136	0.002	ug/l #	29
77) tert-Butylbenzene	11.427	119	40	0.001	ug/l #	28
78) 1,2,4-Trimethylbenzene	11.475	105	242	0.004	ug/l #	32
79) sec-Butylbenzene	11.636	105	129	0.002	ug/l #	58
81) p-Isopropyltoluene	11.796	119	171	0.003	ug/l #	50
82) 1,3-Dichlorobenzene	11.751	146	206	0.006	ug/l #	24
83) 1,4-Dichlorobenzene	11.851	146	268	0.008	ug/l #	68
84) n-Butylbenzene	12.211	91	464	0.007	ug/l #	59
85) 1,2-Dichlorobenzene	12.211	146	181	0.006	ug/l #	60
86) 1,2-Dibromo-3-Chloropr...	12.774	75	83	0.030	ug/l #	7
87) 1,2,4-Trichlorobenzene	13.851	180	462	0.018	ug/l #	81

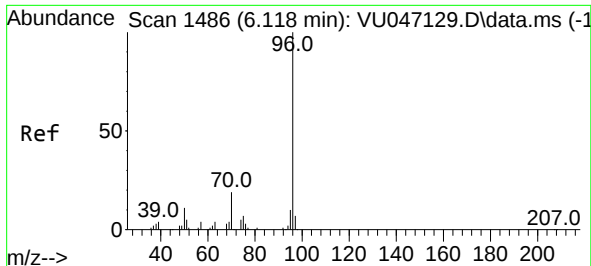
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Data File : VU047137.D
Acq On : 14 Feb 2022 17:29
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Quant Time: Feb 15 03:51:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021422DW.M
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QLast Update : Tue Feb 15 03:17:28 2022
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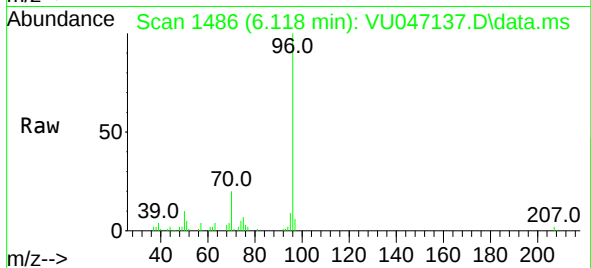
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Naphthalene	14.095	128	951	0.019	ug/l #	69
90) 1,2,3-Trichlorobenzene	14.330	180	391	0.017	ug/l #	72

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

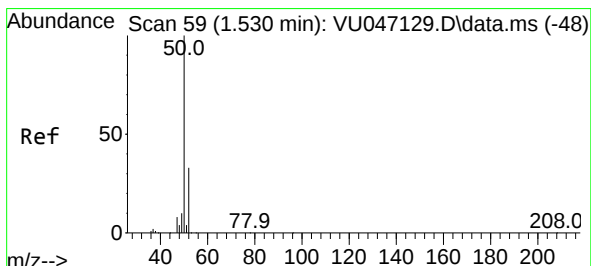
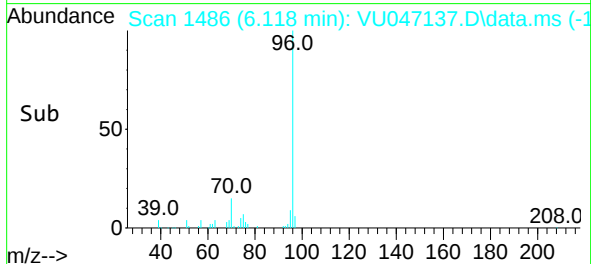
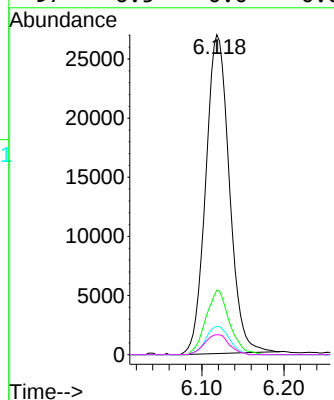


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.118 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU047137.D
Acq: 14 Feb 2022 17:29

Instrument :
MSVOA_U
ClientSampleId :

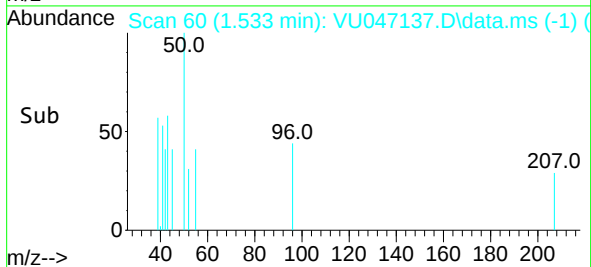
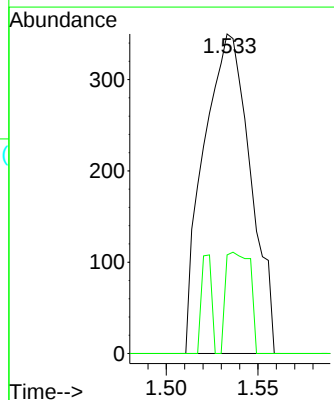
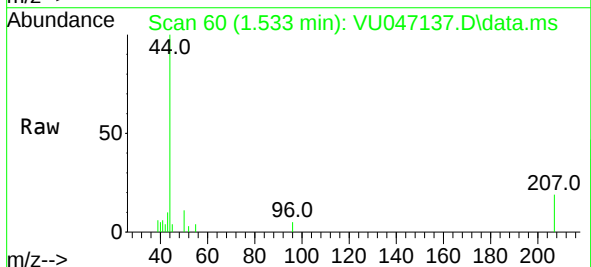


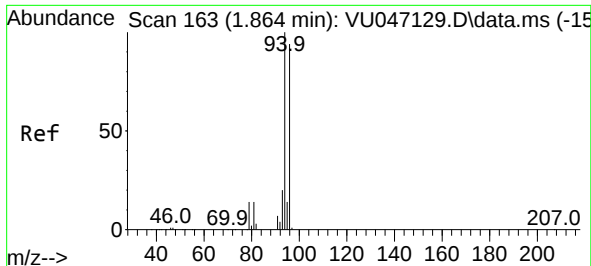
Tgt Ion: 96 Resp: 53920
Ion Ratio Lower Upper
96 100
70 20.2 16.8 25.2
95 8.9 7.3 10.9
97 6.5 0.0 0.0#



#3
Chloromethane
Concen: 0.034 ug/l
RT: 1.533 min Scan# 60
Delta R.T. 0.003 min
Lab File: VU047137.D
Acq: 14 Feb 2022 17:29

Tgt Ion: 50 Resp: 620
Ion Ratio Lower Upper
50 100
52 30.9 26.2 39.4

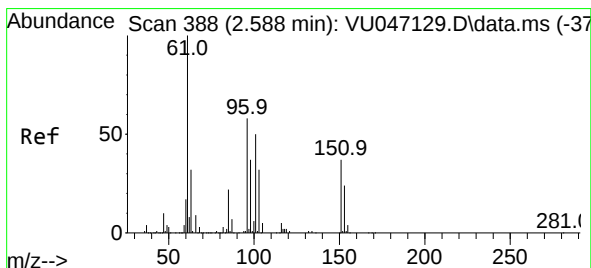
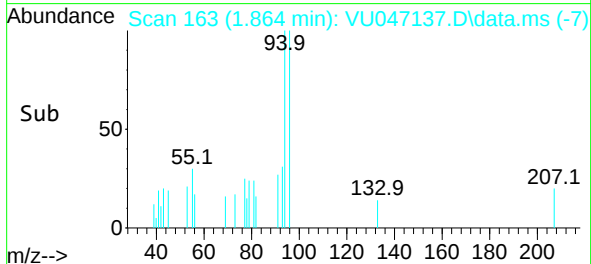
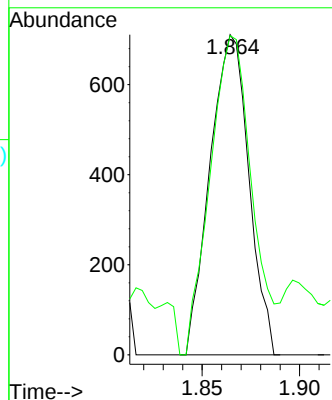
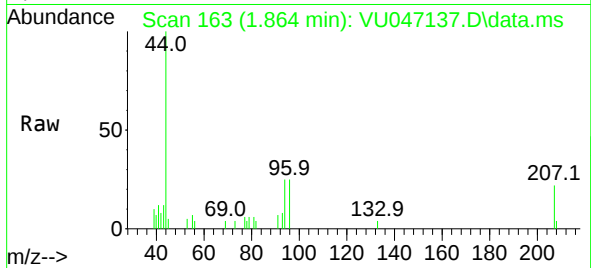




#5
Bromomethane
Concen: 0.083 ug/l
RT: 1.864 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047137.D
Acq: 14 Feb 2022 17:29

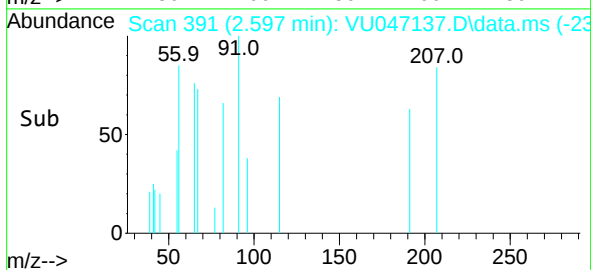
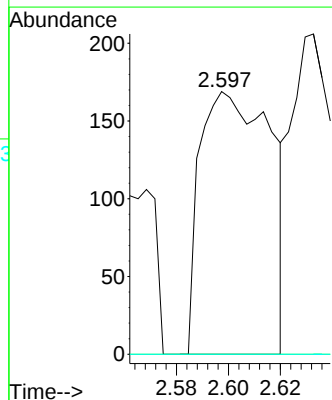
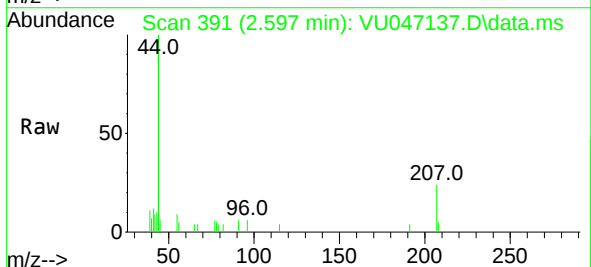
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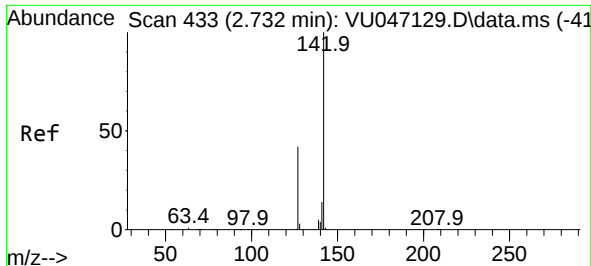
Tgt Ion: 94 Resp: 986
Ion Ratio Lower Upper
94 100
96 99.7 75.0 112.4



#9
1,1-Dichloroethene
Concen: 0.025 ug/l
RT: 2.597 min Scan# 391
Delta R.T. 0.010 min
Lab File: VU047137.D
Acq: 14 Feb 2022 17:29

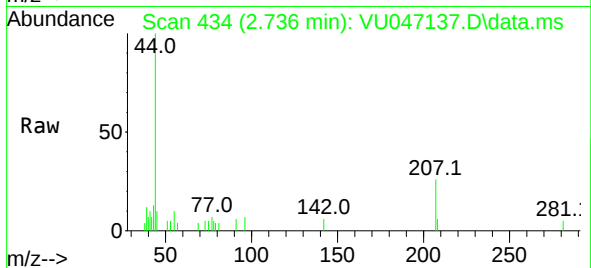
Tgt Ion: 96 Resp: 320
Ion Ratio Lower Upper
96 100
61 0.0 0.0 514.2
98 0.0 0.0 126.4



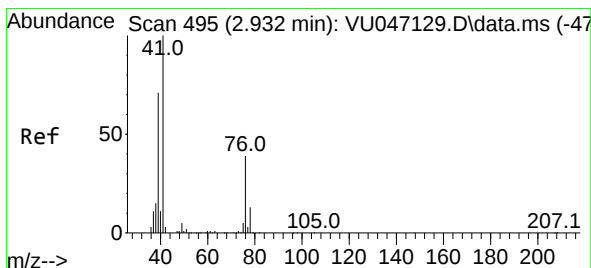
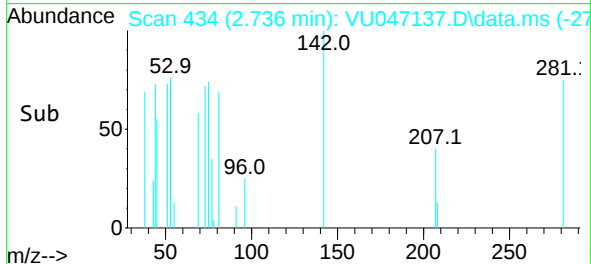
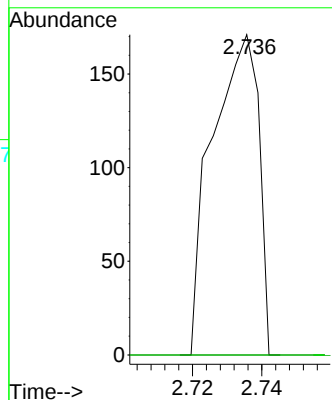


#10
Iodomethane
Concen: 0.910 ug/l
RT: 2.736 min Scan# 41
Delta R.T. 0.004 min
Lab File: VU047137.D
Acq: 14 Feb 2022 17:29

Instrument :
MSVOA_U
ClientSampleId :

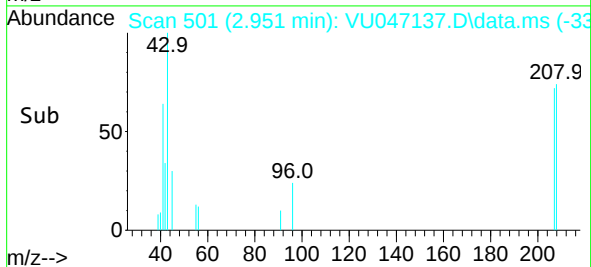
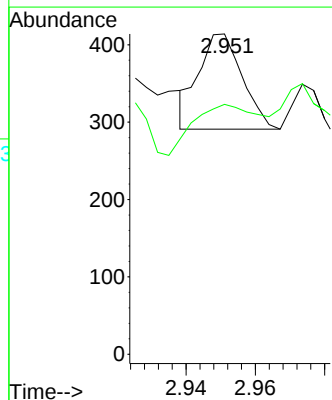
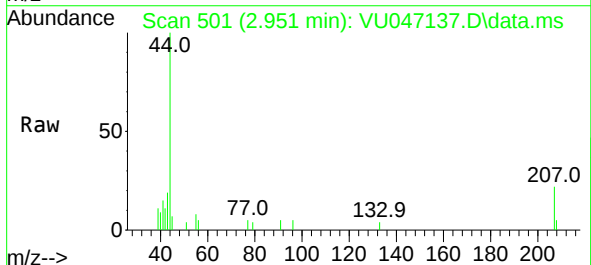


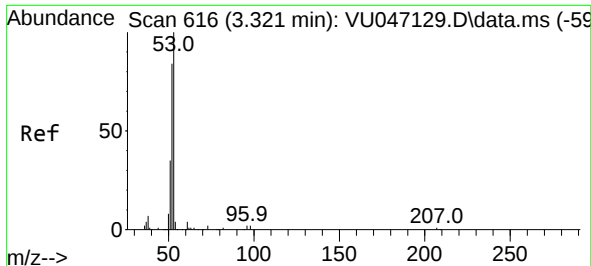
Tgt Ion:142 Resp: 159
Ion Ratio Lower Upper
142 100
127 0.0 33.2 49.8#



#11
Allyl Chloride
Concen: 0.005 ug/l
RT: 2.951 min Scan# 501
Delta R.T. 0.019 min
Lab File: VU047137.D
Acq: 14 Feb 2022 17:29

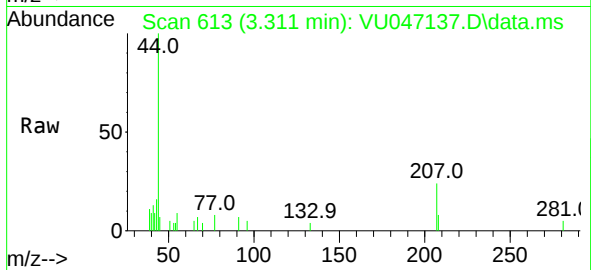
Tgt Ion: 41 Resp: 107
Ion Ratio Lower Upper
41 100
39 83.2 62.4 93.6



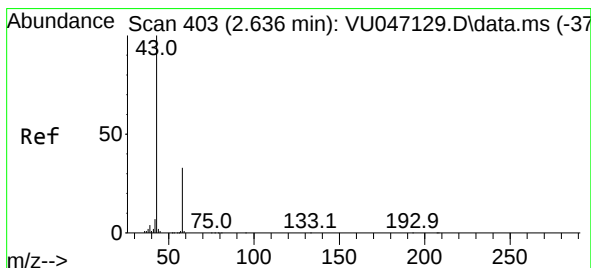
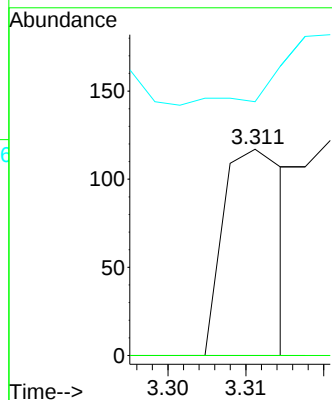
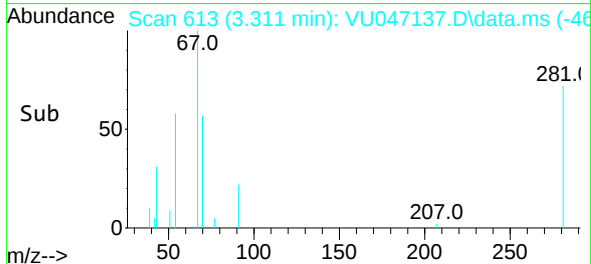


#12
Acrylonitrile
Concen: 0.017 ug/l
RT: 3.311 min Scan# 616
Delta R.T. -0.010 min
Lab File: VU047137.D
Acq: 14 Feb 2022 17:29

Instrument :
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ClientSampleId :

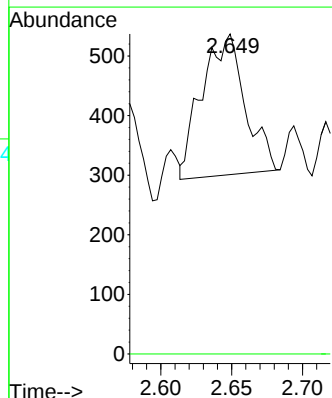
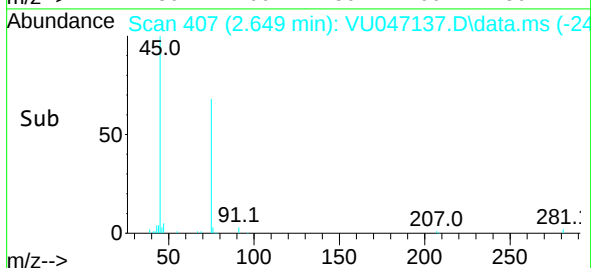
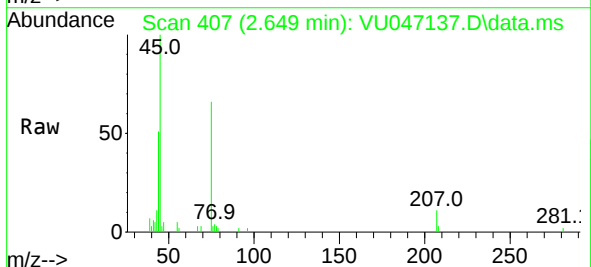


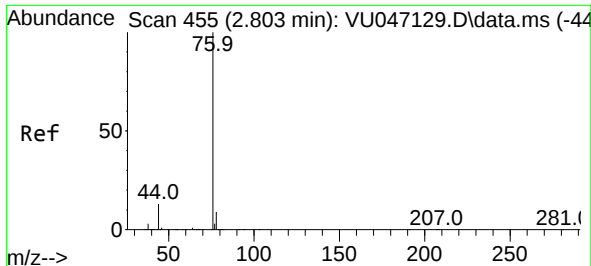
Tgt Ion: 53 Resp: 64
Ion Ratio Lower Upper
53 100
52 0.0 56.7 85.1#
51 92.2 30.3 45.5#



#13
Acetone
Concen: Below Cal
RT: 2.649 min Scan# 407
Delta R.T. 0.013 min
Lab File: VU047137.D
Acq: 14 Feb 2022 17:29

Tgt Ion: 43 Resp: 504
Ion Ratio Lower Upper
43 100
58 0.0 27.1 40.7#

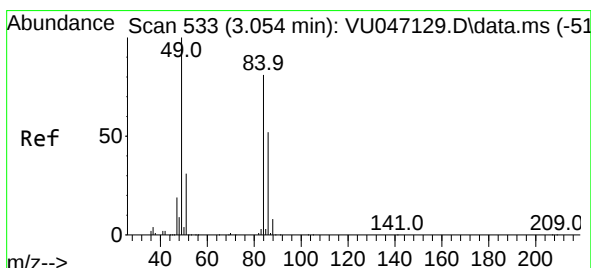
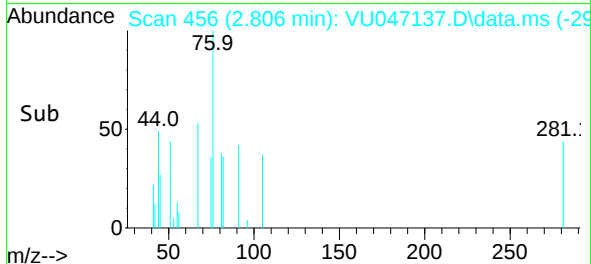
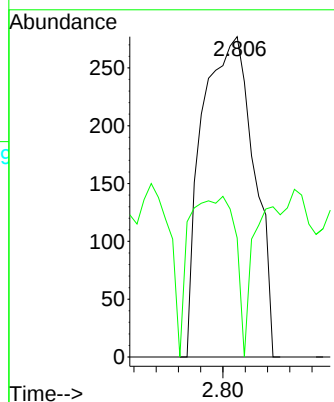
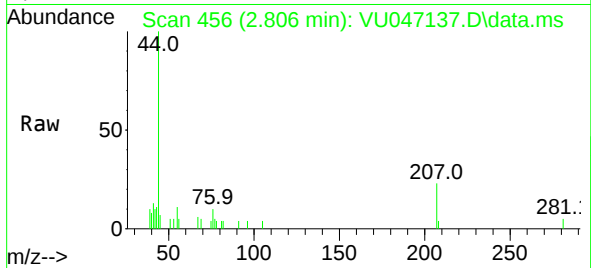




#14
Carbon Disulfide
Concen: 0.010 ug/l
RT: 2.806 min Scan# 455
Delta R.T. 0.003 min
Lab File: VU047137.D
Acq: 14 Feb 2022 17:29

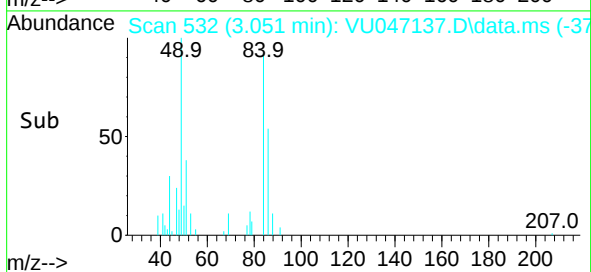
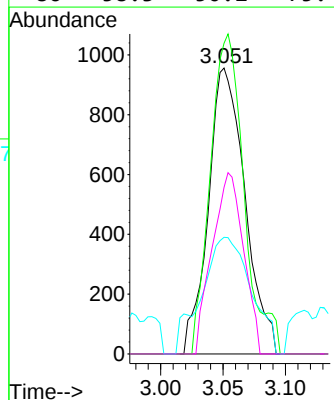
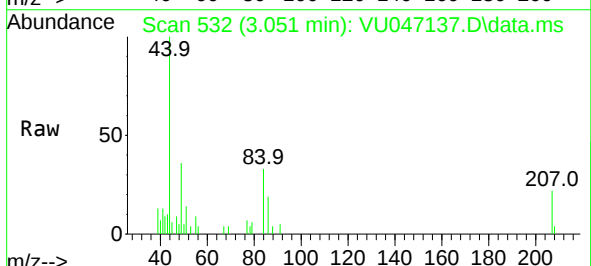
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ClientSampleId :

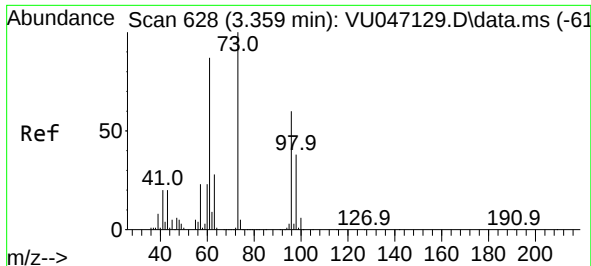
Tgt Ion: 76 Resp: 448
Ion Ratio Lower Upper
76 100
78 37.2 7.1 10.7#



#15
Methylene Chloride
Concen: 0.137 ug/l
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU047137.D
Acq: 14 Feb 2022 17:29

Tgt Ion: 84 Resp: 1960
Ion Ratio Lower Upper
84 100
49 108.7 97.2 145.8
51 40.8 0.0 73.4
86 58.3 50.2 75.4

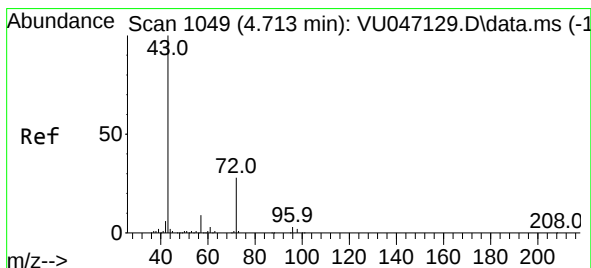
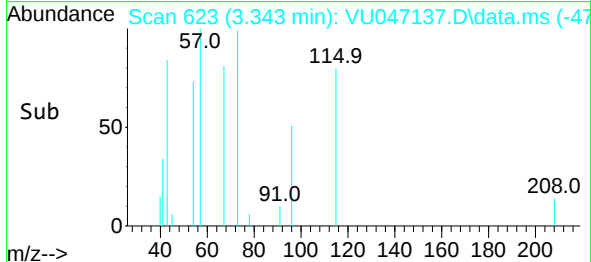
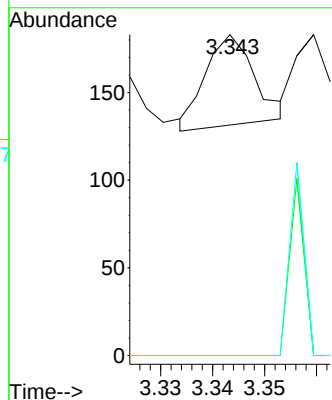
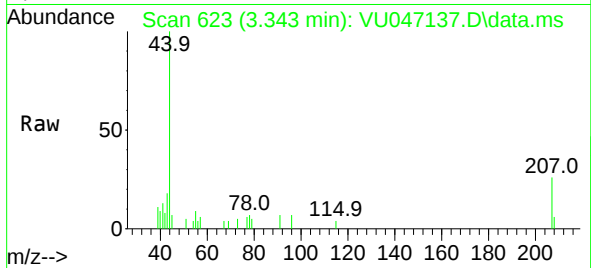




#16
trans-1,2-Dichloroethene
Concen: 0.003 ug/l
RT: 3.343 min Scan# 61
Delta R.T. -0.016 min
Lab File: VU047137.D
Acq: 14 Feb 2022 17:29

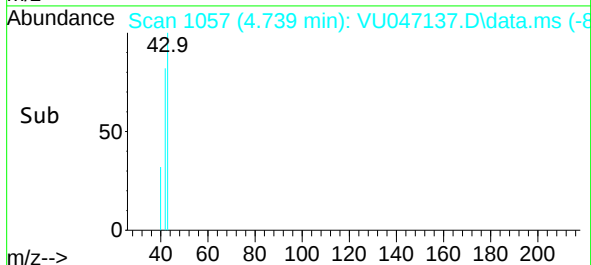
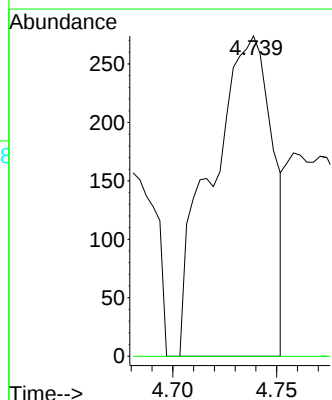
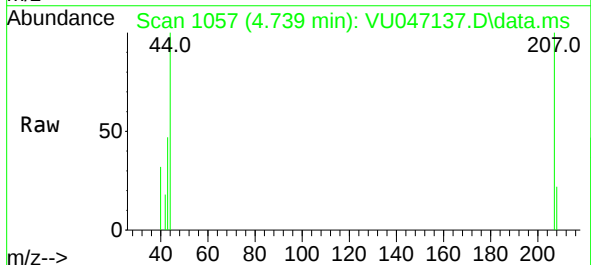
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MSVOA_U
ClientSampleId :

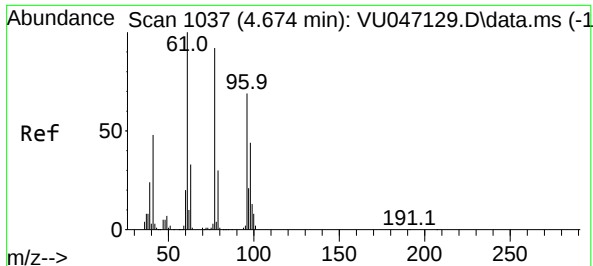
Tgt Ion: 96 Resp: 34
Ion Ratio Lower Upper
96 100
61 0.0 115.8 173.6#
98 0.0 51.1 76.7#



#18
2-Butanone
Concen: 0.149 ug/l
RT: 4.739 min Scan# 1057
Delta R.T. 0.026 min
Lab File: VU047137.D
Acq: 14 Feb 2022 17:29

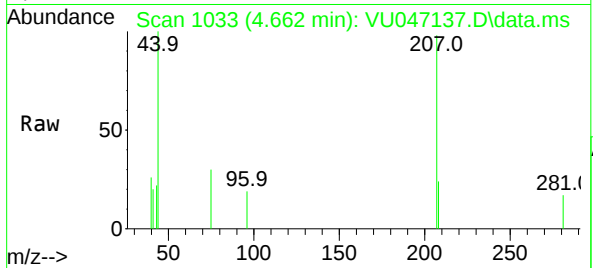
Tgt Ion: 43 Resp: 561
Ion Ratio Lower Upper
43 100
57 0.0 0.0 16.6



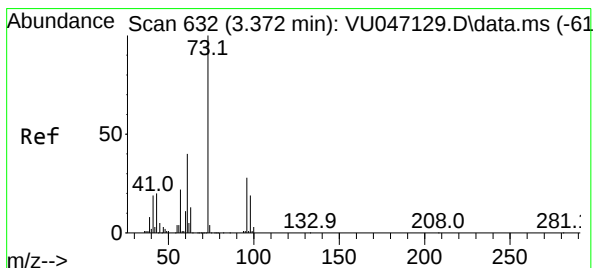
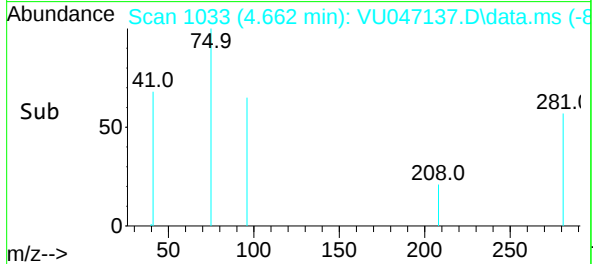
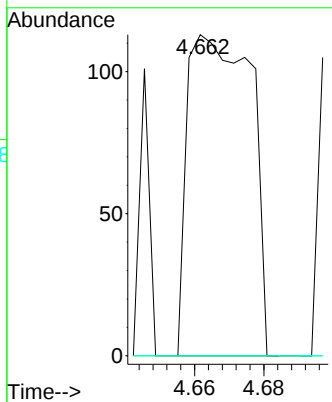


#22
 cis-1,2-Dichloroethene
 Concen: 0.009 ug/l
 RT: 4.662 min Scan# 11
 Delta R.T. -0.013 min
 Lab File: VU047137.D
 Acq: 14 Feb 2022 17:29

Instrument :
 MSVOA_U
 ClientSampleId :

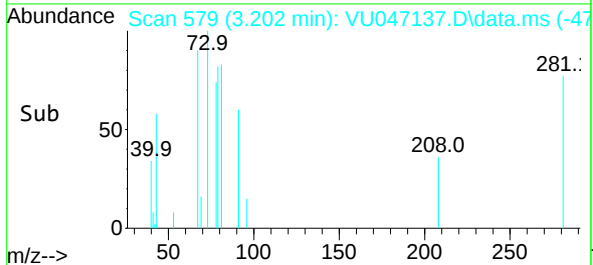
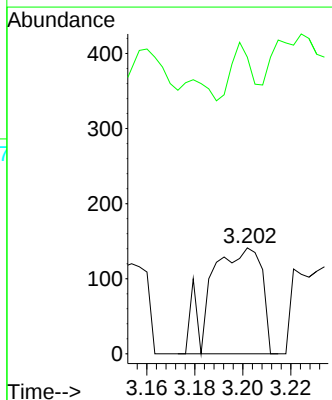
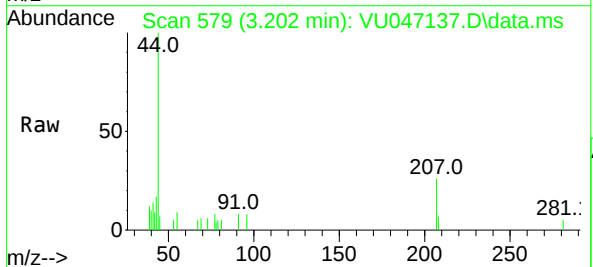


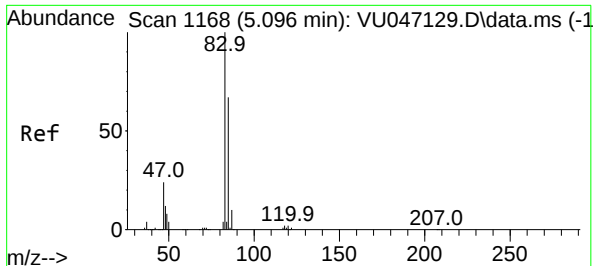
Tgt Ion: 96 Resp: 143
 Ion Ratio Lower Upper
 96 100
 61 0.0 0.0 385.3
 98 0.0 32.1 96.3#



#25
 Methyl tert-Butyl Ether
 Concen: 0.006 ug/l
 RT: 3.202 min Scan# 579
 Delta R.T. -0.170 min
 Lab File: VU047137.D
 Acq: 14 Feb 2022 17:29

Tgt Ion: 73 Resp: 210
 Ion Ratio Lower Upper
 73 100
 43 17.1 16.3 24.5





#27

Chloroform

Concen: 47.174 ug/l

RT: 5.096 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VU047137.D

Acq: 14 Feb 2022 17:29

Instrument :

MSVOA_U

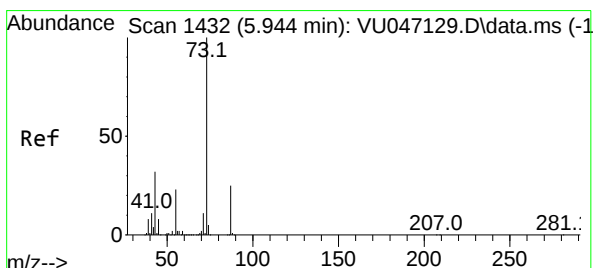
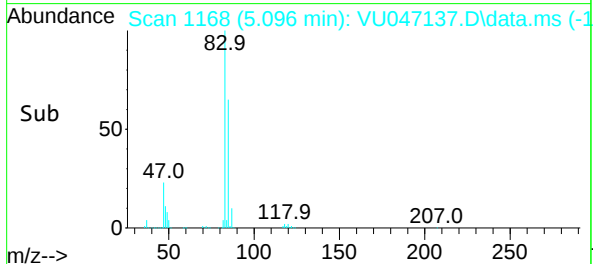
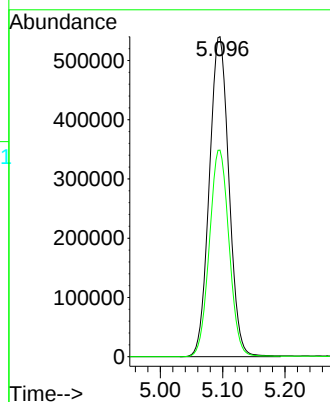
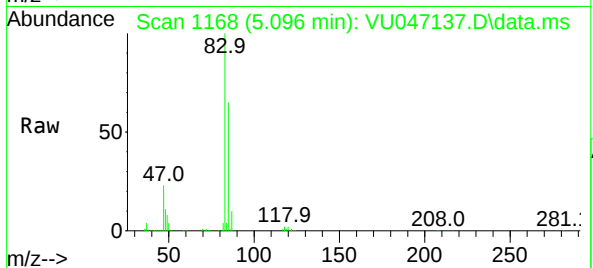
ClientSampleId :

Tgt Ion: 83 Resp: 1179698

Ion Ratio Lower Upper

83 100

85 64.5 0.0 129.2



#33

Tert-Amyl methyl ether

Concen: 0.010 ug/l

RT: 5.948 min Scan# 1433

Delta R.T. 0.003 min

Lab File: VU047137.D

Acq: 14 Feb 2022 17:29

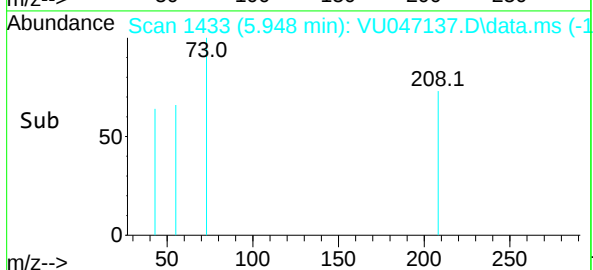
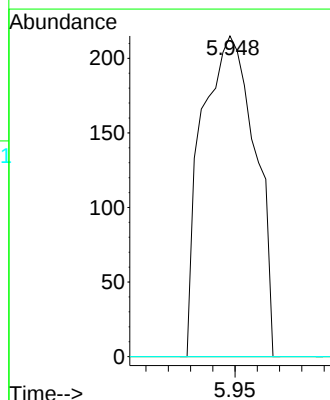
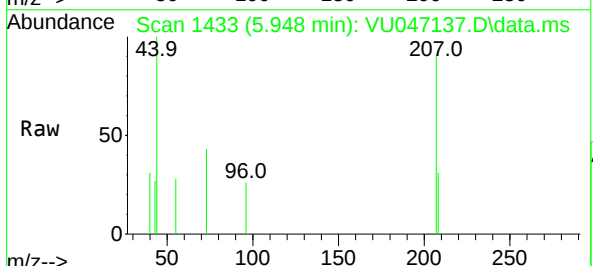
Tgt Ion: 73 Resp: 358

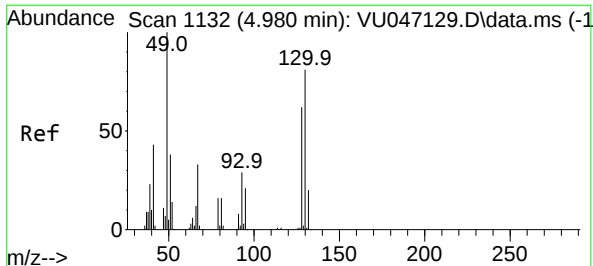
Ion Ratio Lower Upper

73 100

87 0.0 18.6 28.0#

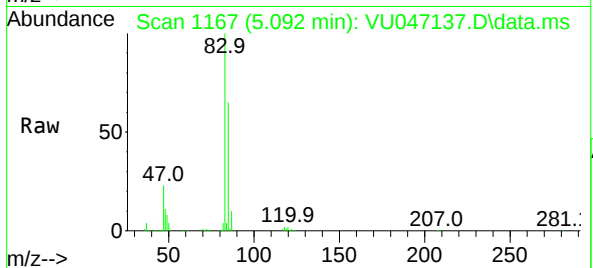
71 0.0 9.0 13.6#



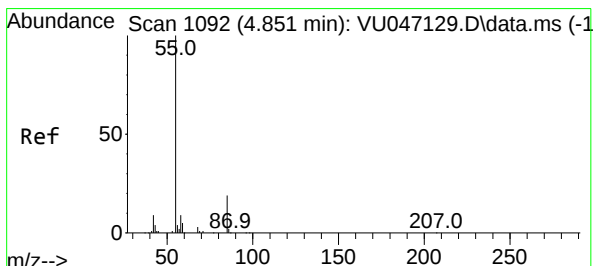
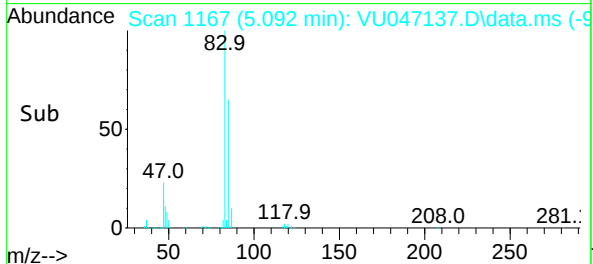
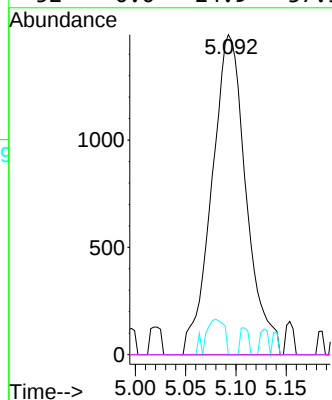


#39
Methacrylonitrile
Concen: 0.698 ug/l
RT: 5.092 min Scan# 1132
Delta R.T. 0.113 min
Lab File: VU047137.D
Acq: 14 Feb 2022 17:29

Instrument :
MSVOA_U
ClientSampleId :

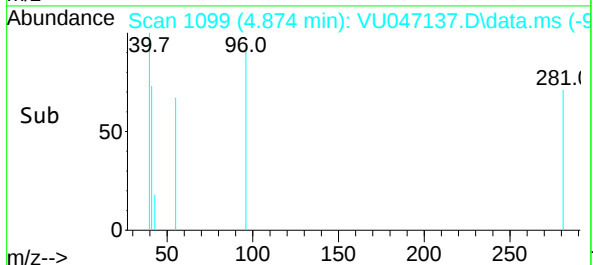
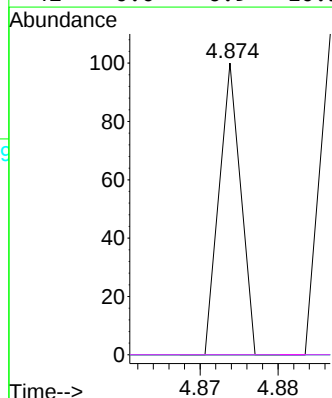
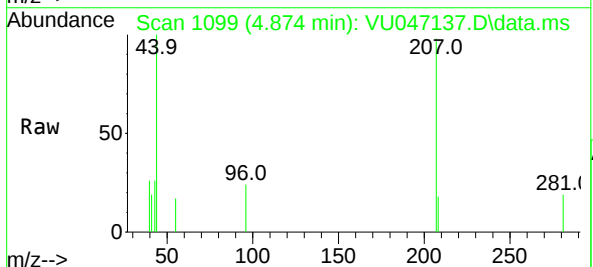


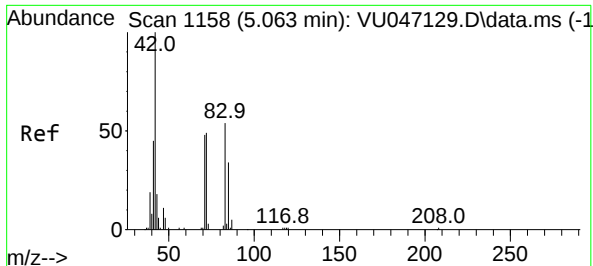
Tgt Ion:	41	Resp:	3535
Ion	Ratio	Lower	Upper
41	100		
67	0.0	65.2	97.8#
39	2.0	43.0	64.6#
52	0.0	24.9	37.3#



#40
Methyl acrylate
Concen: 0.002 ug/l
RT: 4.874 min Scan# 1099
Delta R.T. 0.023 min
Lab File: VU047137.D
Acq: 14 Feb 2022 17:29

Tgt Ion:	55	Resp:	19
Ion	Ratio	Lower	Upper
55	100		
85	0.0	12.2	18.2#
58	0.0	6.7	10.1#
42	0.0	6.9	10.3#





#41

Tetrahydrofuran

Concen: 1.018 ug/l

RT: 5.086 min Scan# 1158

Delta R.T. 0.023 min

Lab File: VU047137.D

Acq: 14 Feb 2022 17:29

Instrument :

MSVOA_U

ClientSampleId :

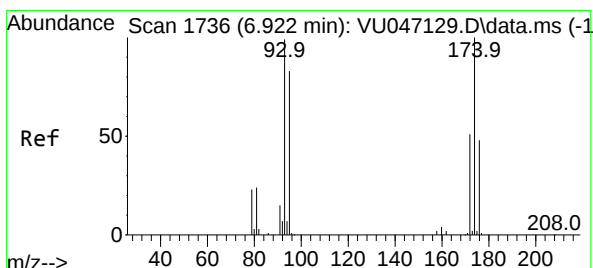
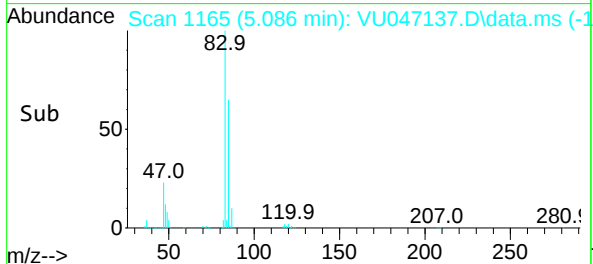
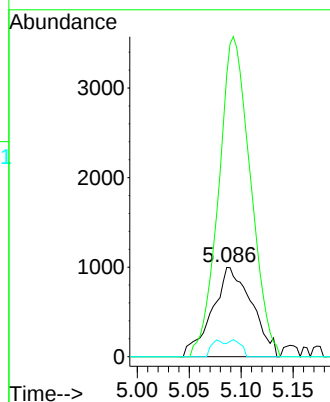
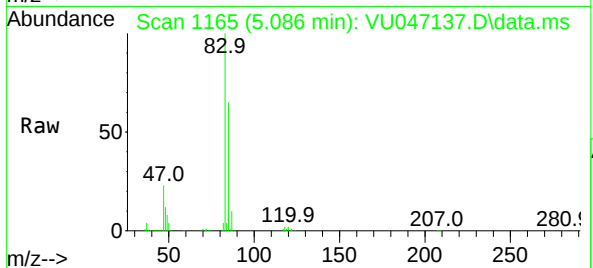
Tgt Ion: 42 Resp: 2627

Ion Ratio Lower Upper

42 100

72 290.0 42.4 63.6#

71 5.7 36.4 54.6#



#43

Dibromomethane

Concen: 2.487 ug/l

RT: 7.108 min Scan# 1794

Delta R.T. 0.187 min

Lab File: VU047137.D

Acq: 14 Feb 2022 17:29

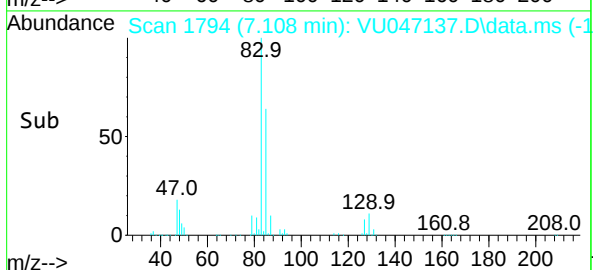
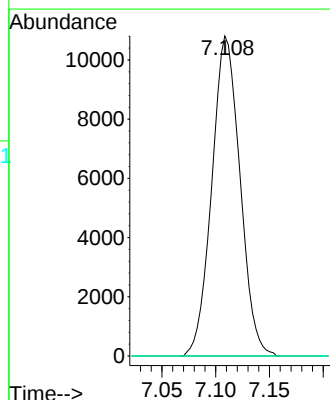
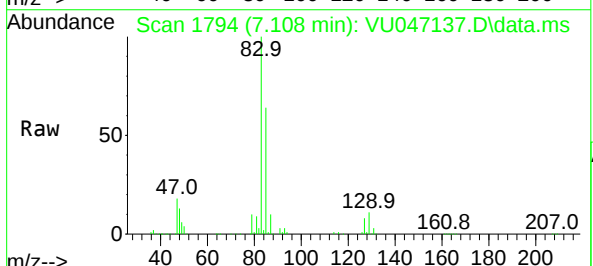
Tgt Ion: 93 Resp: 19709

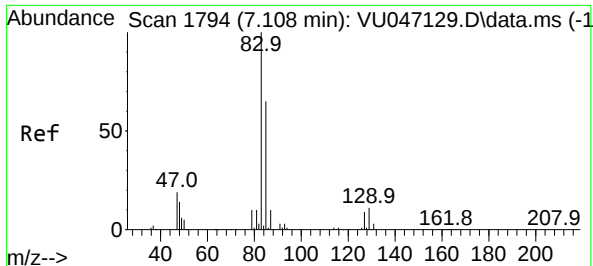
Ion Ratio Lower Upper

93 100

95 2.1 66.2 99.2#

174 2.3 70.7 106.1#

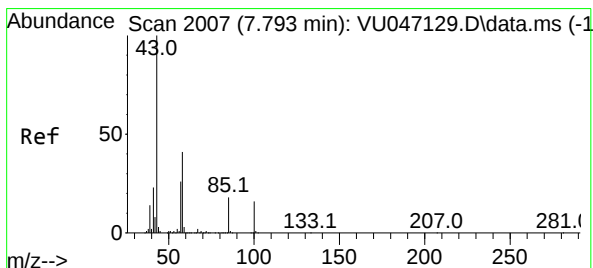
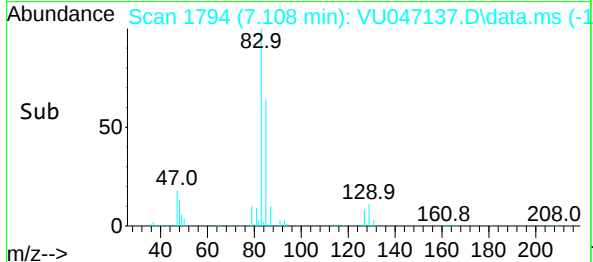
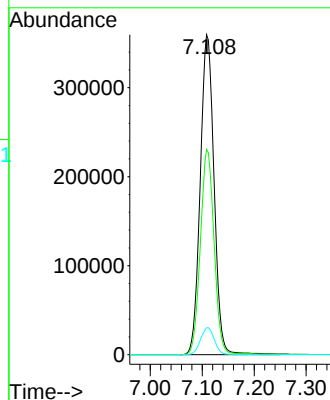
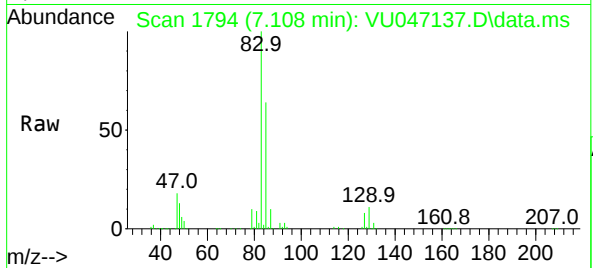




#44
Bromodichloromethane
Concen: 35.491 ug/l
RT: 7.108 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU047137.D
Acq: 14 Feb 2022 17:29

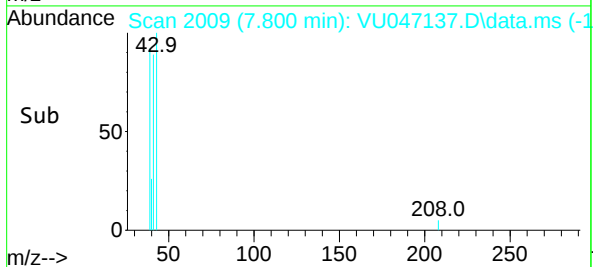
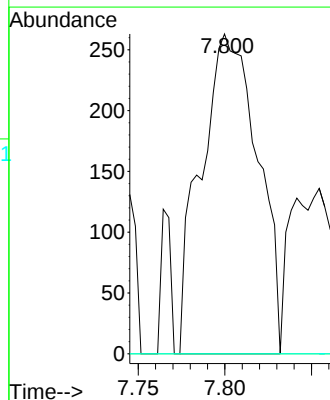
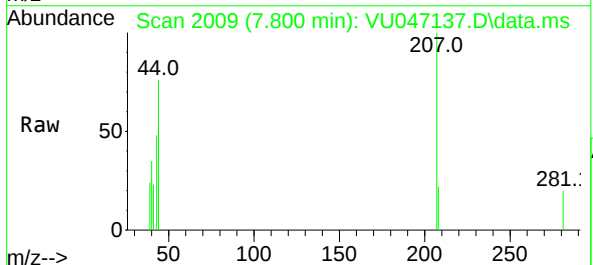
Instrument :
MSVOA_U
ClientSampleId :

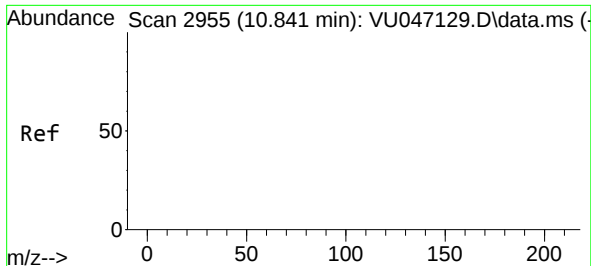
Tgt Ion: 83 Resp: 665296
Ion Ratio Lower Upper
83 100
85 64.1 50.9 76.3
127 8.4 6.0 9.0



#45
4-Methyl-2-Pentanone
Concen: 0.056 ug/l
RT: 7.800 min Scan# 2009
Delta R.T. 0.007 min
Lab File: VU047137.D
Acq: 14 Feb 2022 17:29

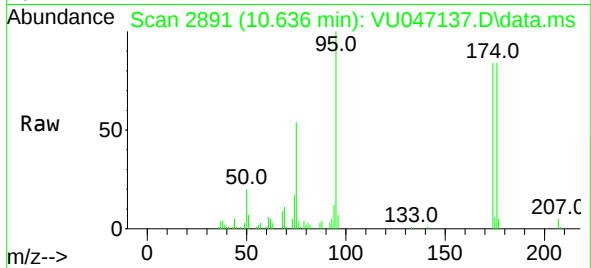
Tgt Ion: 43 Resp: 601
Ion Ratio Lower Upper
43 100
58 0.0 21.0 63.0#
85 0.0 14.8 22.2#



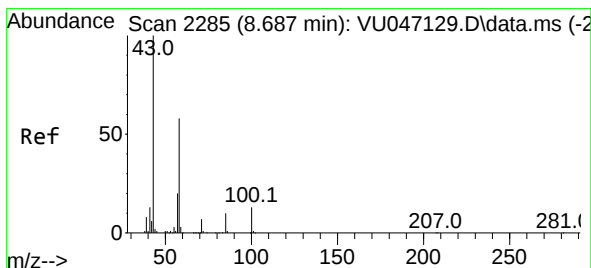
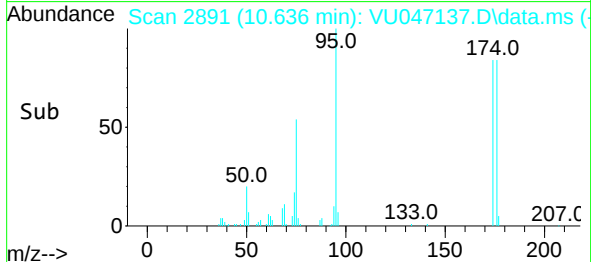
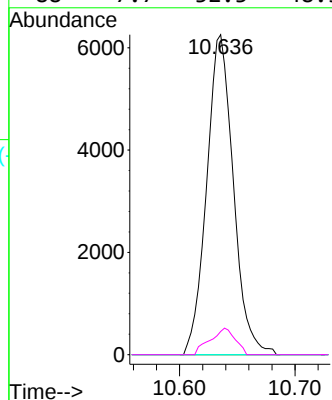


#46
t-1,4-Dichloro-2-butene
Concen: 2.153 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.206 min
Lab File: VU047137.D
Acq: 14 Feb 2022 17:29

Instrument : MSVOA_U
ClientSampleId :

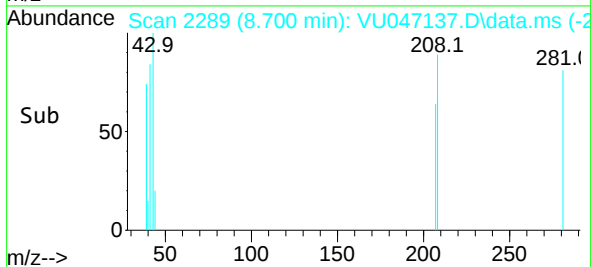
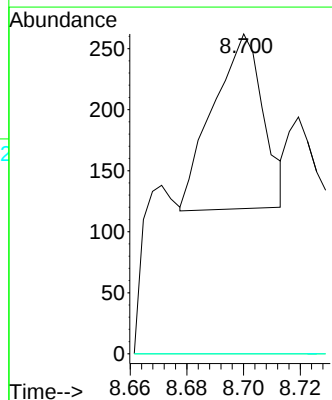
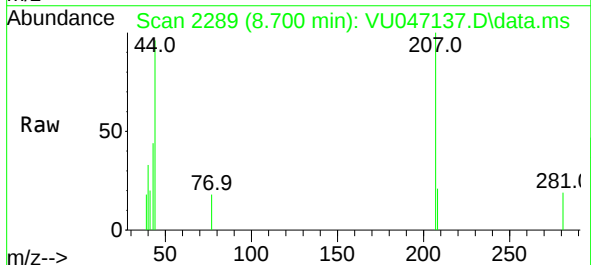


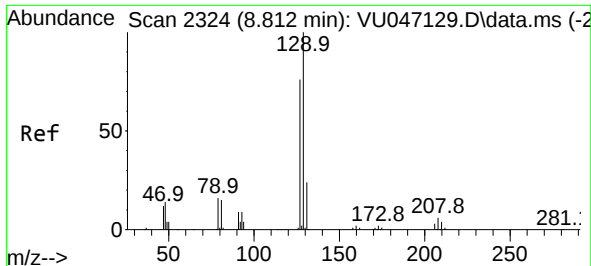
Tgt Ion: 75 Resp: 10045
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 41.7 62.5#
88 7.7 32.3 48.5#



#54
2-Hexanone
Concen: 0.022 ug/l
RT: 8.700 min Scan# 2289
Delta R.T. 0.013 min
Lab File: VU047137.D
Acq: 14 Feb 2022 17:29

Tgt Ion: 43 Resp: 176
Ion Ratio Lower Upper
43 100
58 0.0 37.7 77.7#
57 0.0 0.5 40.5#

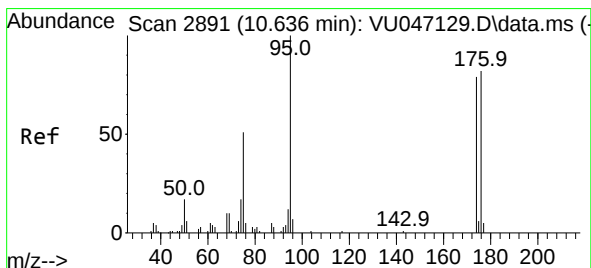
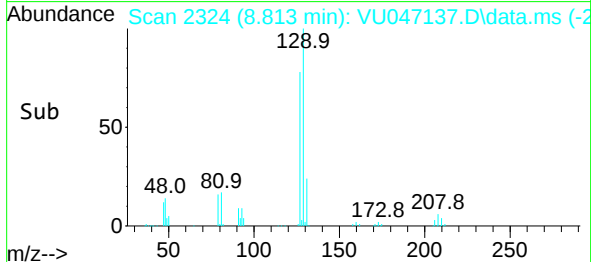
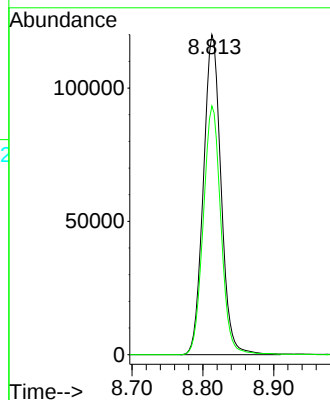
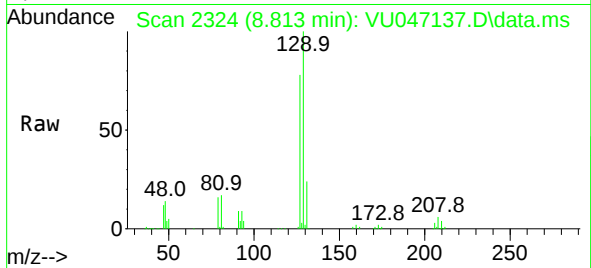




#55
Dibromochloromethane
Concen: 15.121 ug/l
RT: 8.813 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047137.D
Acq: 14 Feb 2022 17:29

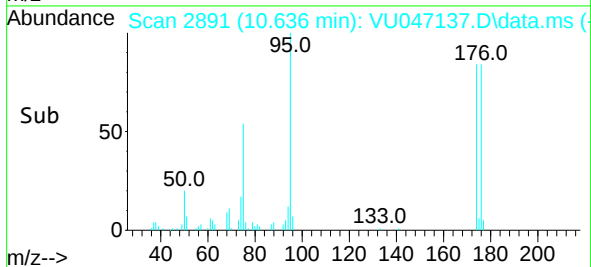
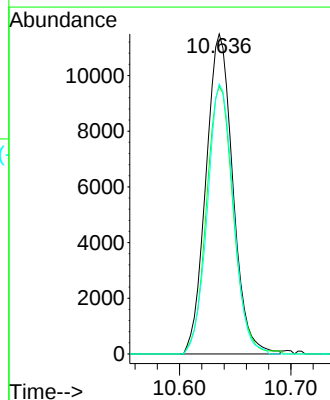
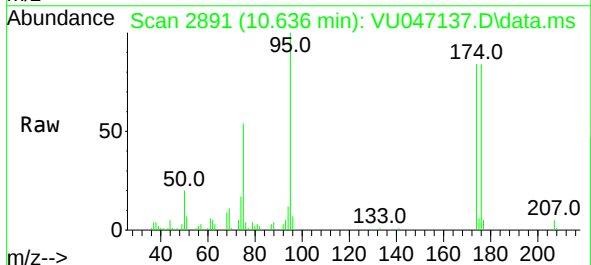
Instrument :
MSVOA_U
ClientSampleId :

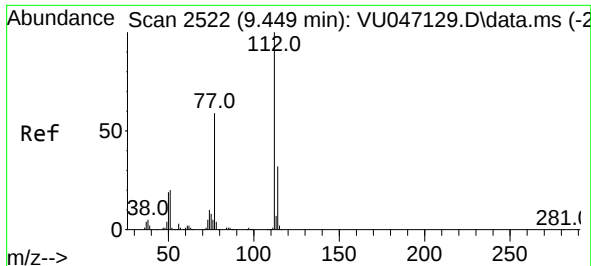
Tgt Ion:129 Resp: 207896
Ion Ratio Lower Upper
129 100
127 77.4 62.2 93.4



#57
4-Bromofluorobenzene
Concen: 0.922 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU047137.D
Acq: 14 Feb 2022 17:29

Tgt Ion: 95 Resp: 19259
Ion Ratio Lower Upper
95 100
174 83.3 56.6 84.8
176 82.0 54.3 81.5#





#59

Chlorobenzene

Concen: 0.001 ug/l

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU047137.D

Acq: 14 Feb 2022 17:29

Instrument :

MSVOA_U

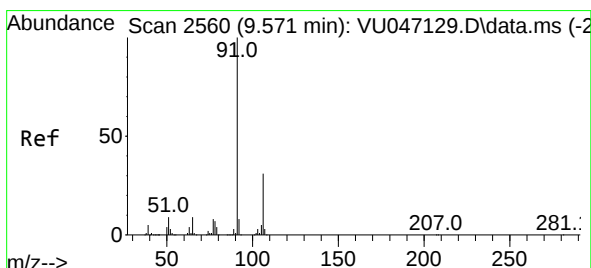
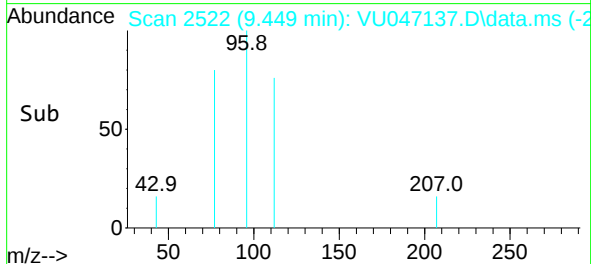
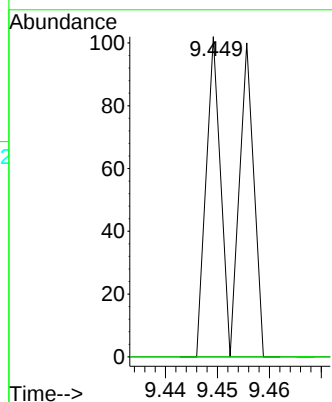
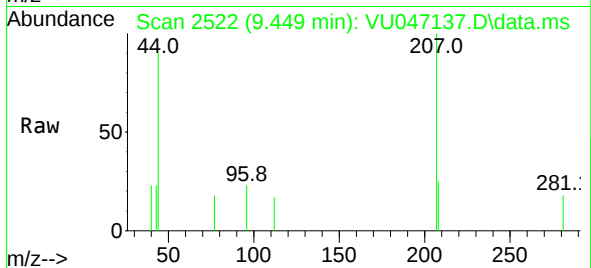
ClientSampleId :

Tgt Ion:112 Resp: 39

Ion Ratio Lower Upper

112 100

114 0.0 25.4 38.0#



#63

Ethyl Benzene

Concen: 0.004 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU047137.D

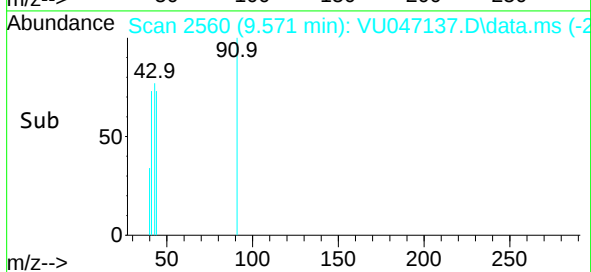
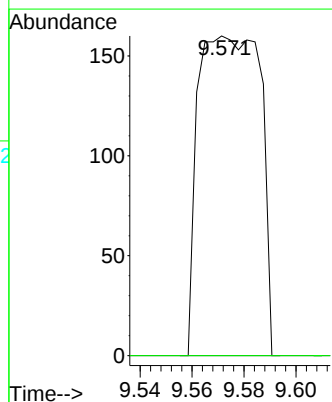
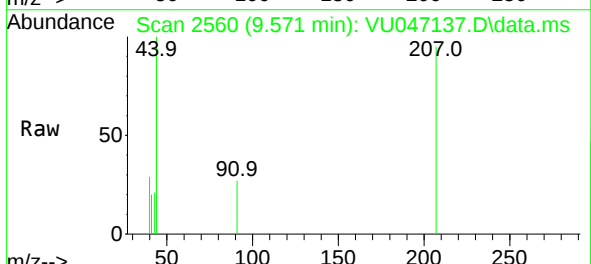
Acq: 14 Feb 2022 17:29

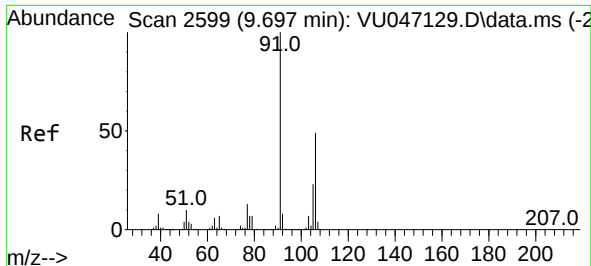
Tgt Ion: 91 Resp: 264

Ion Ratio Lower Upper

91 100

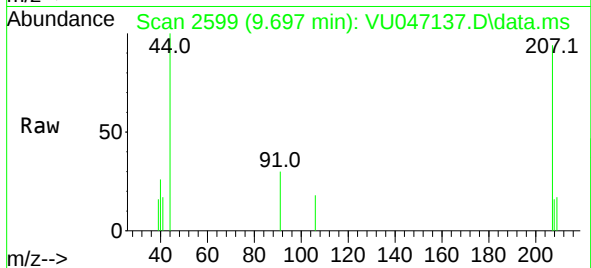
106 0.0 24.4 36.6#



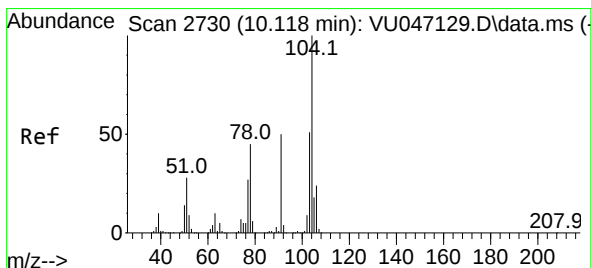
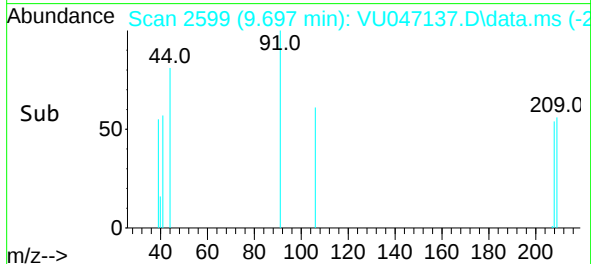
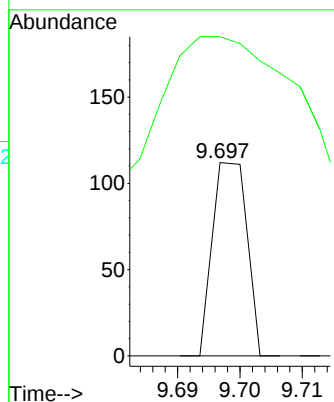


#64
m/p-Xylenes
Concen: 0.002 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU047137.D
Acq: 14 Feb 2022 17:29

Instrument :
MSVOA_U
ClientSampleId :

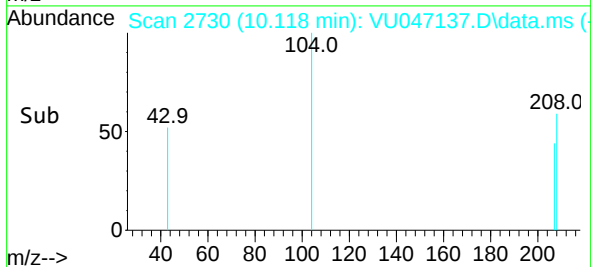
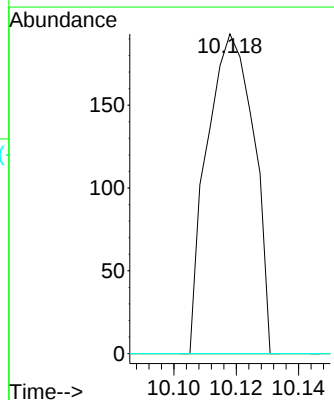
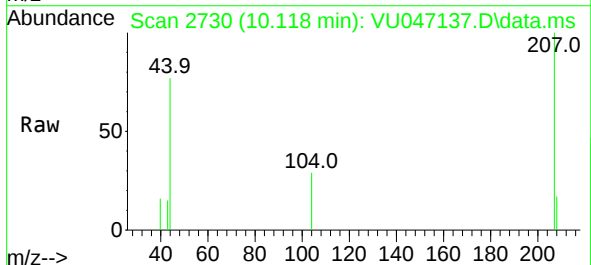


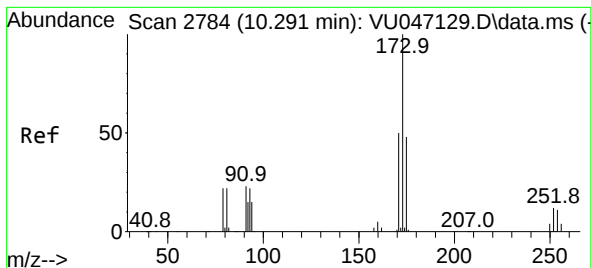
Tgt Ion:106 Resp: 43
Ion Ratio Lower Upper
106 100
91 811.6 165.5 248.3#



#66
Styrene
Concen: 0.005 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU047137.D
Acq: 14 Feb 2022 17:29

Tgt Ion:104 Resp: 200
Ion Ratio Lower Upper
104 100
78 25.0 42.4 63.6#
103 0.0 44.2 66.4#





#67

Bromoform

Concen: 50.145 ug/l

RT: 10.292 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047137.D

Acq: 14 Feb 2022 17:29

Instrument :

MSVOA_U

ClientSampleId :

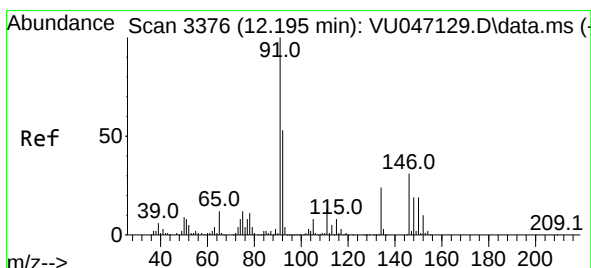
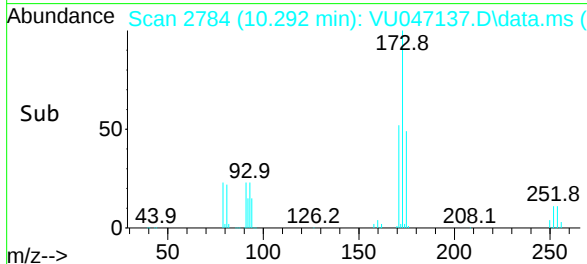
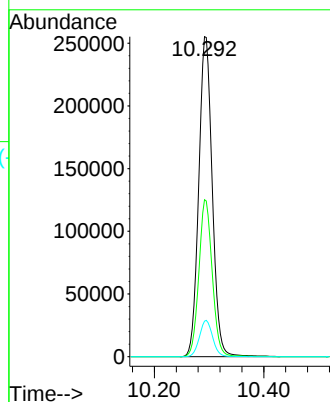
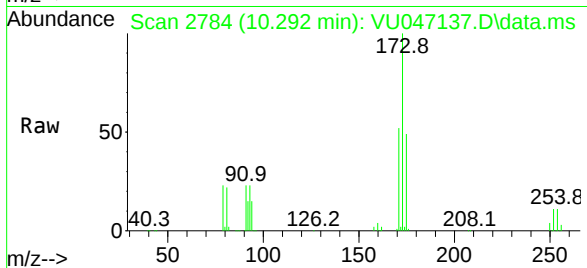
Tgt Ion:173 Resp: 436898

Ion Ratio Lower Upper

173 100

175 48.6 39.0 58.4

254 11.1 5.5 8.3#



#68

1,2-Dichlorobenzene-d4

Concen: 0.953 ug/l

RT: 12.195 min Scan# 3376

Delta R.T. 0.000 min

Lab File: VU047137.D

Acq: 14 Feb 2022 17:29

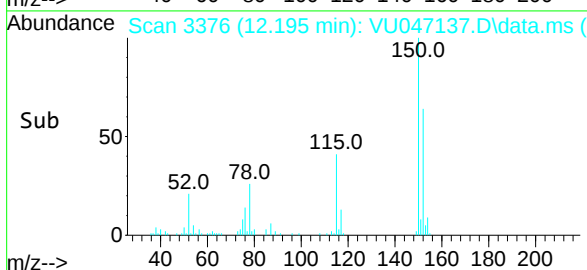
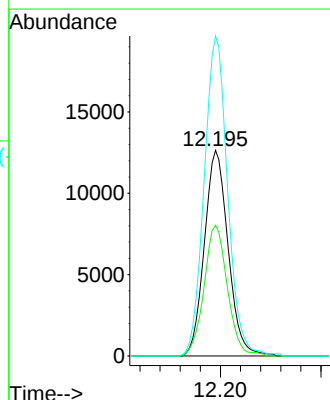
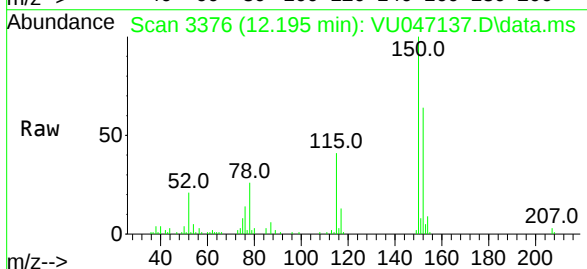
Tgt Ion:152 Resp: 20731

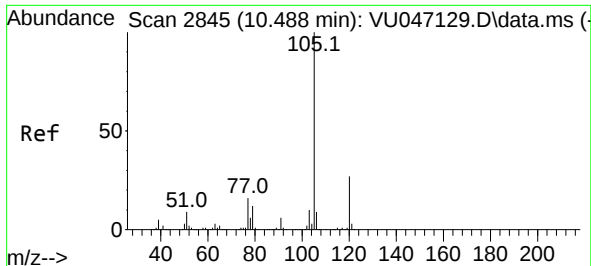
Ion Ratio Lower Upper

152 100

115 62.4 0.0 251.0

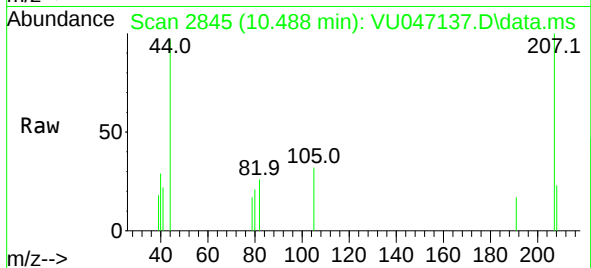
150 153.7 0.0 613.8



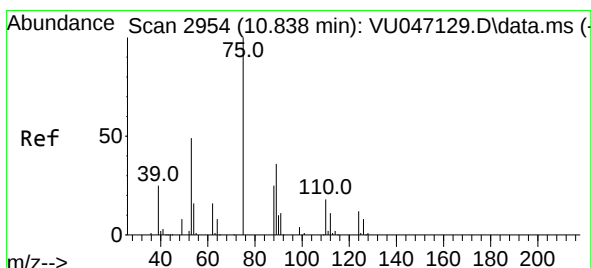
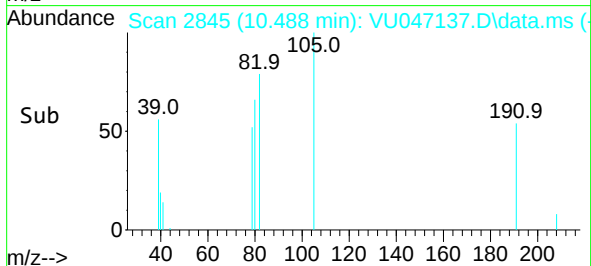
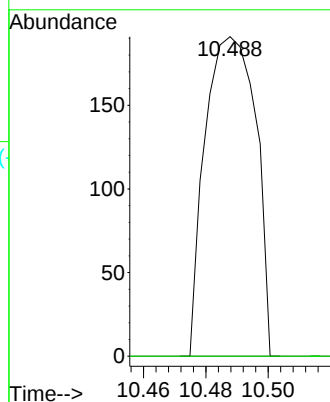


#69
Isopropylbenzene
Concen: 0.003 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU047137.D
Acq: 14 Feb 2022 17:29

Instrument :
MSVOA_U
ClientSampleId :

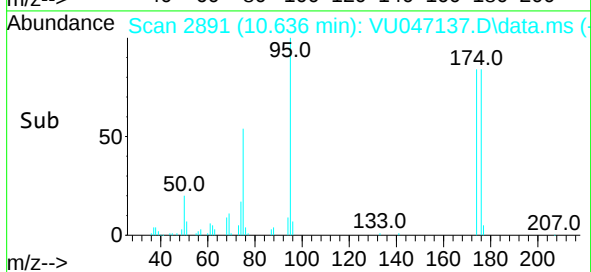
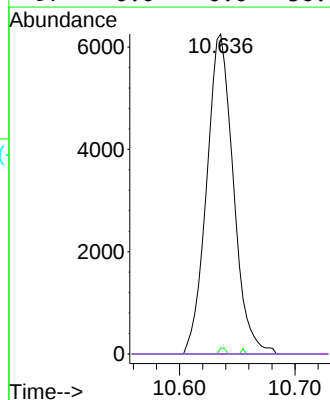
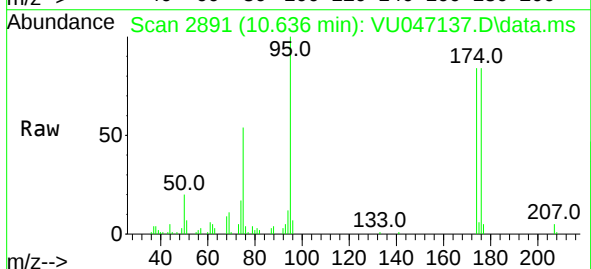


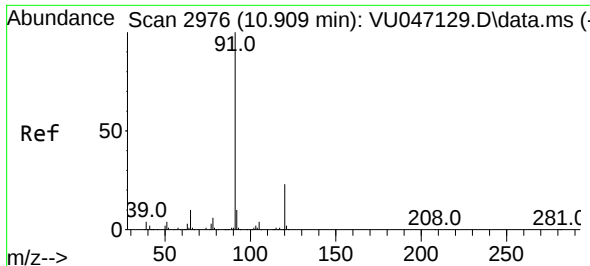
Tgt Ion:105 Resp: 215
Ion Ratio Lower Upper
105 100
120 0.0 12.8 38.4#



#71
1,2,3-Trichloropropane
Concen: 0.778 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.202 min
Lab File: VU047137.D
Acq: 14 Feb 2022 17:29

Tgt Ion: 75 Resp: 10045
Ion Ratio Lower Upper
75 100
77 0.4 0.0 105.6
110 0.0 0.0 71.2
97 0.0 0.0 36.8

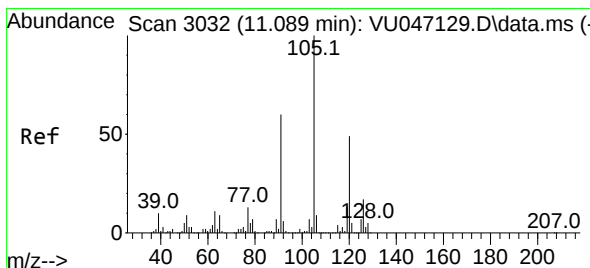
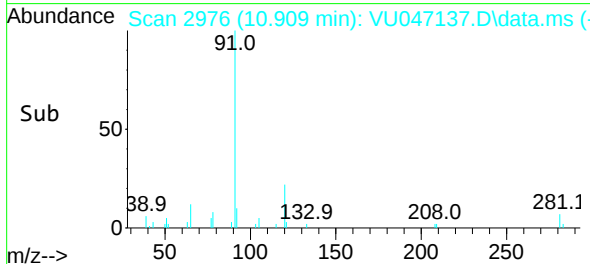
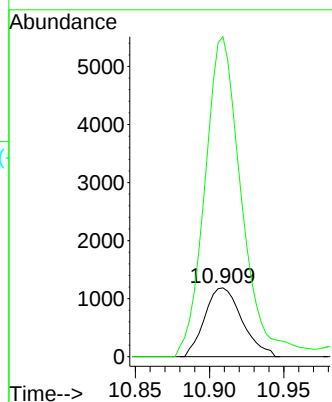
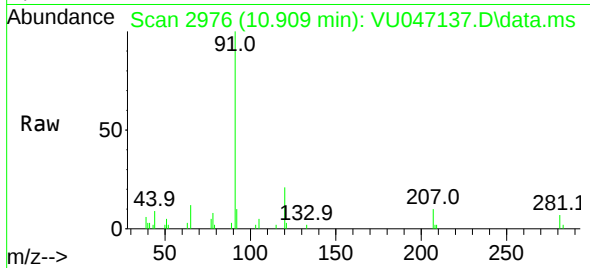




#73
n-propylbenzene
Concen: 0.108 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.000 min
Lab File: VU047137.D
Acq: 14 Feb 2022 17:29

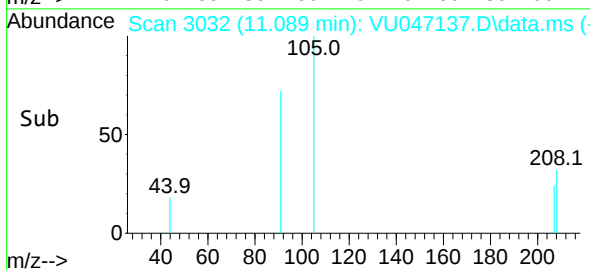
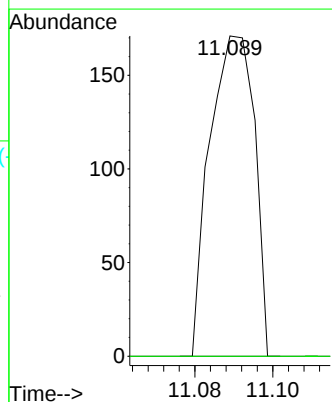
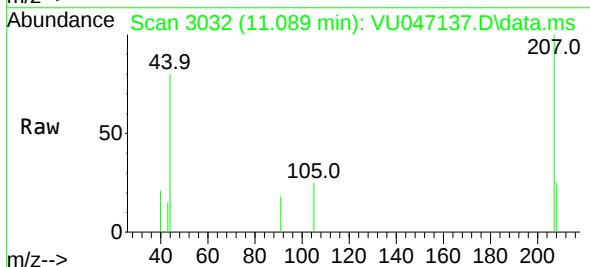
Instrument :
MSVOA_U
ClientSampleId :

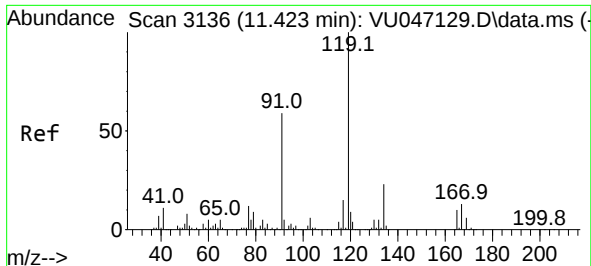
Tgt Ion:120 Resp: 2075
Ion Ratio Lower Upper
120 100
91 456.5 370.7 556.1



#75
1,3,5-Trimethylbenzene
Concen: 0.002 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU047137.D
Acq: 14 Feb 2022 17:29

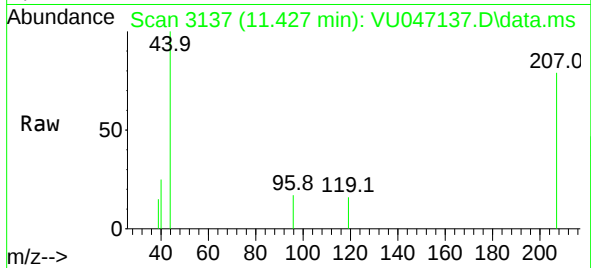
Tgt Ion:105 Resp: 136
Ion Ratio Lower Upper
105 100
120 0.0 38.6 58.0#



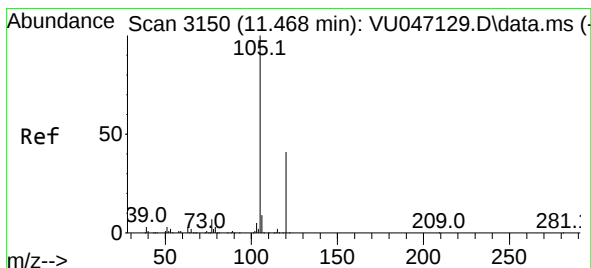
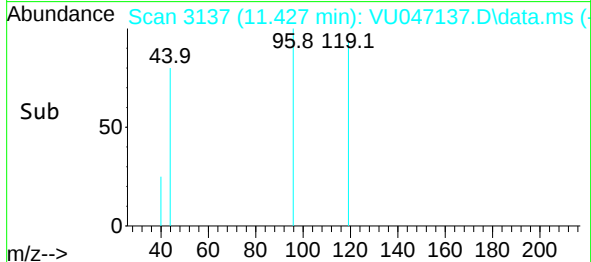
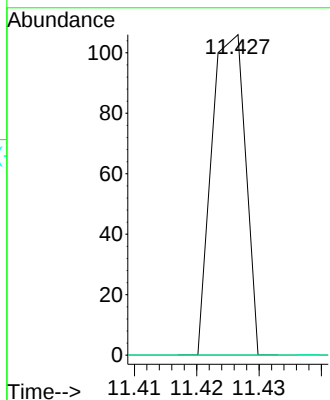


#77
 tert-Butylbenzene
 Concen: 0.001 ug/l
 RT: 11.427 min Scan# 3136
 Delta R.T. 0.003 min
 Lab File: VU047137.D
 Acq: 14 Feb 2022 17:29

Instrument :
 MSVOA_U
 ClientSampleId :

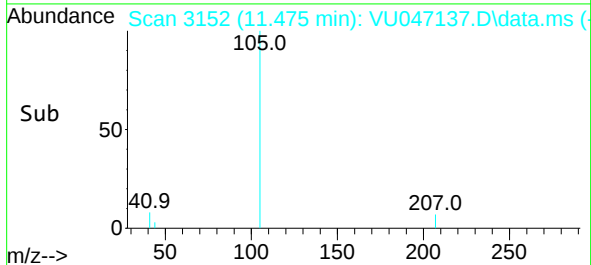
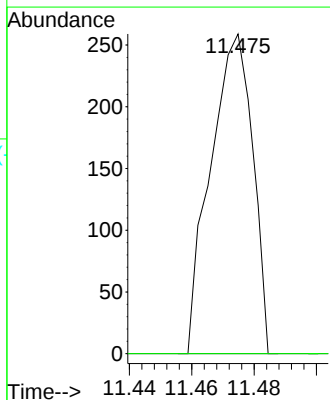
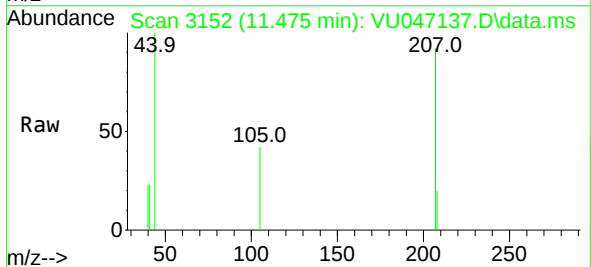


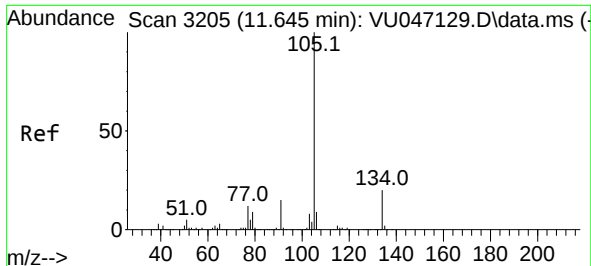
Tgt Ion:119 Resp: 40
 Ion Ratio Lower Upper
 119 100
 91 0.0 31.4 94.3#
 134 0.0 18.5 27.7#



#78
 1,2,4-Trimethylbenzene
 Concen: 0.004 ug/l
 RT: 11.475 min Scan# 3152
 Delta R.T. 0.007 min
 Lab File: VU047137.D
 Acq: 14 Feb 2022 17:29

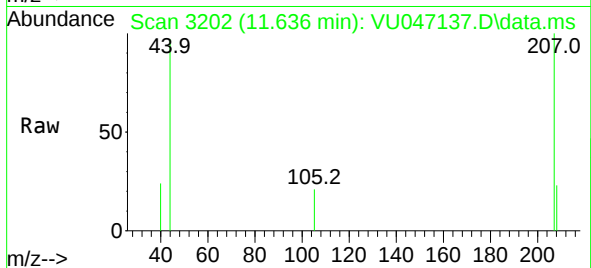
Tgt Ion:105 Resp: 242
 Ion Ratio Lower Upper
 105 100
 120 0.0 22.3 66.8#



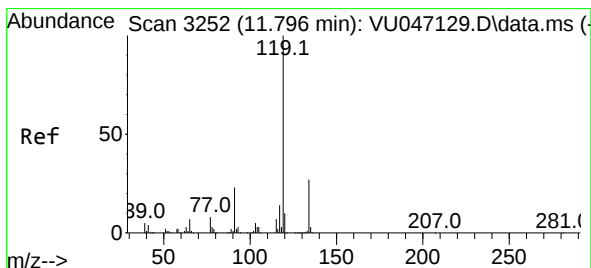
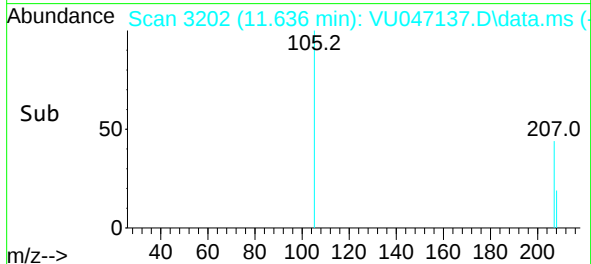
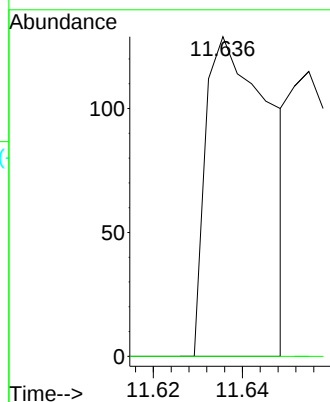


#79
 sec-Butylbenzene
 Concen: 0.002 ug/l
 RT: 11.636 min Scan# 31
 Delta R.T. -0.010 min
 Lab File: VU047137.D
 Acq: 14 Feb 2022 17:29

Instrument :
 MSVOA_U
 ClientSampleId :

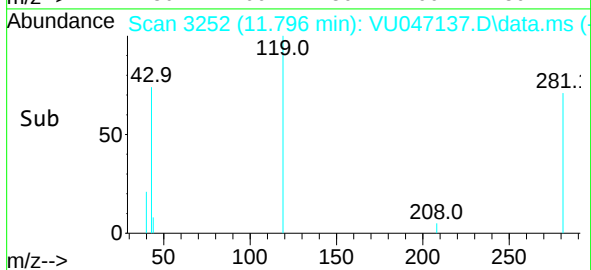
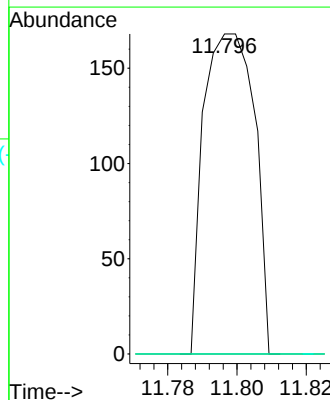
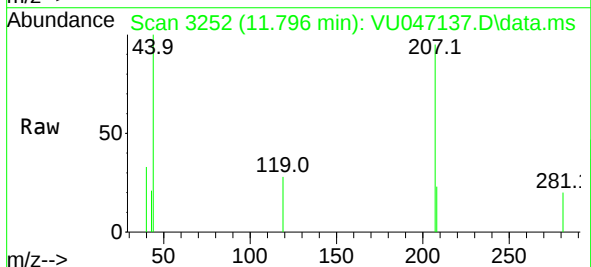


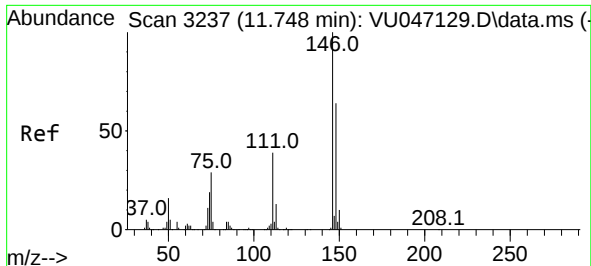
Tgt Ion:105 Resp: 129
 Ion Ratio Lower Upper
 105 100
 134 0.0 15.4 23.0#



#81
 p-Isopropyltoluene
 Concen: 0.003 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. 0.000 min
 Lab File: VU047137.D
 Acq: 14 Feb 2022 17:29

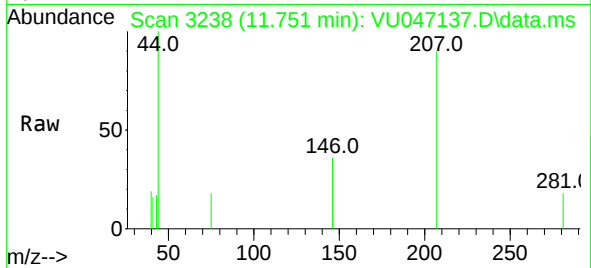
Tgt Ion:119 Resp: 171
 Ion Ratio Lower Upper
 119 100
 134 0.0 20.2 30.4#
 91 0.0 19.9 29.9#



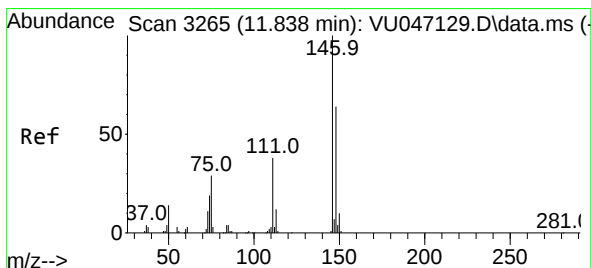
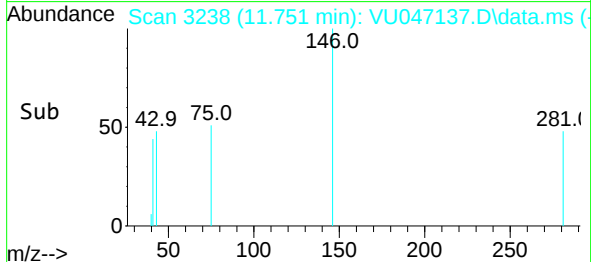
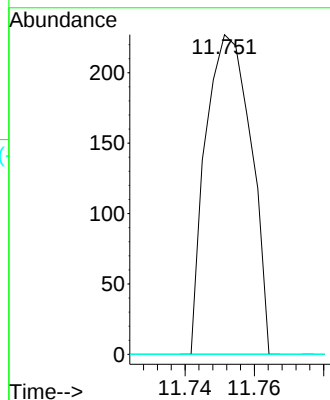


#82
1,3-Dichlorobenzene
Concen: 0.006 ug/l
RT: 11.751 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU047137.D
Acq: 14 Feb 2022 17:29

Instrument :
MSVOA_U
ClientSampleId :

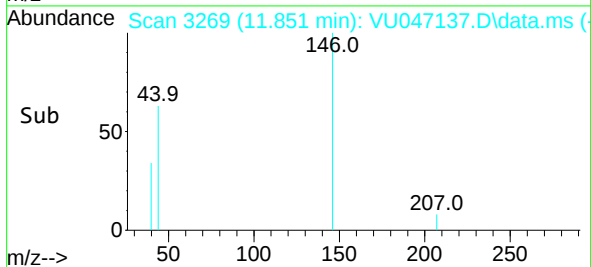
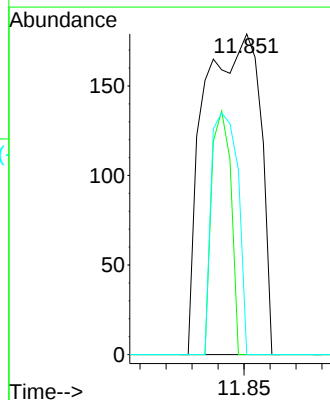
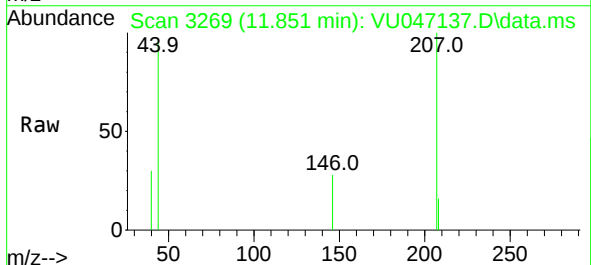


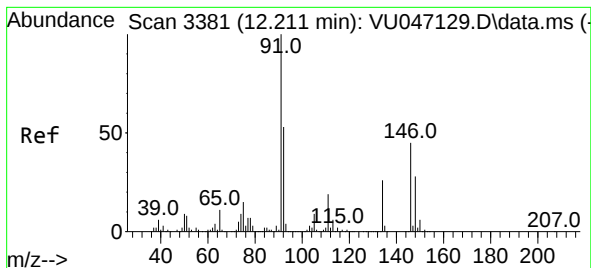
Tgt Ion:146 Resp: 206
Ion Ratio Lower Upper
146 100
111 0.0 33.9 50.9#
148 0.0 50.9 76.3#



#83
1,4-Dichlorobenzene
Concen: 0.008 ug/l
RT: 11.851 min Scan# 3269
Delta R.T. 0.013 min
Lab File: VU047137.D
Acq: 14 Feb 2022 17:29

Tgt Ion:146 Resp: 268
Ion Ratio Lower Upper
146 100
111 26.1 32.7 49.1#
148 35.4 51.4 77.0#





#84

n-Butylbenzene

Concen: 0.007 ug/l

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU047137.D

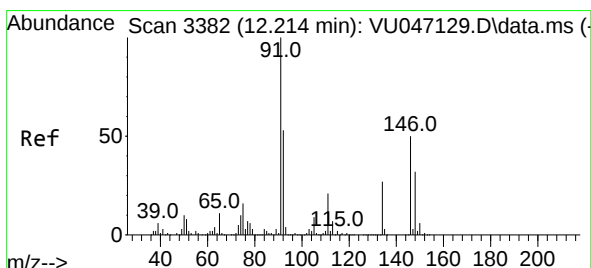
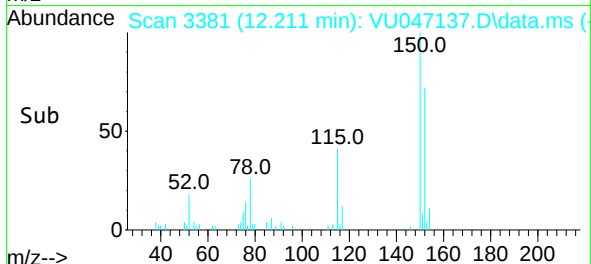
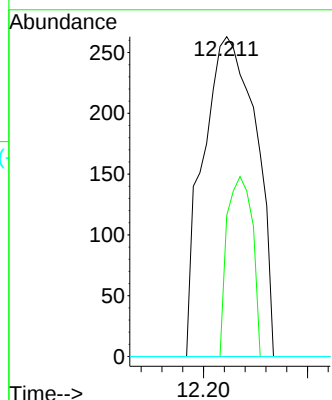
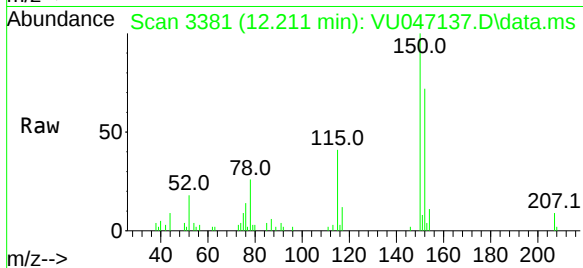
Acq: 14 Feb 2022 17:29

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 91	Resp:	464
Ion	Ratio	Lower Upper
91	100	
92	26.7	43.5 65.3#
134	0.0	19.0 28.4#



#85

1,2-Dichlorobenzene

Concen: 0.006 ug/l

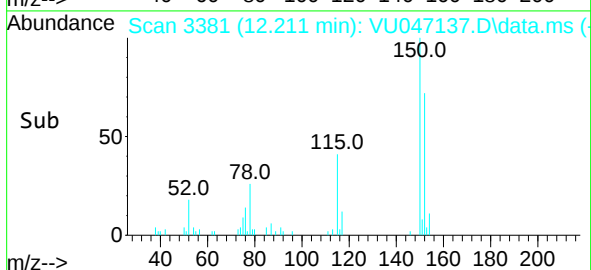
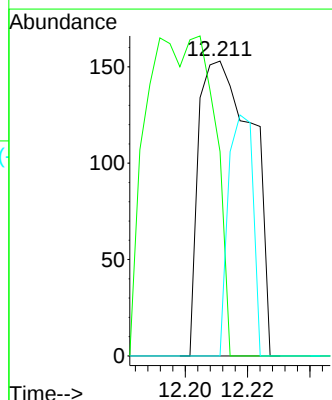
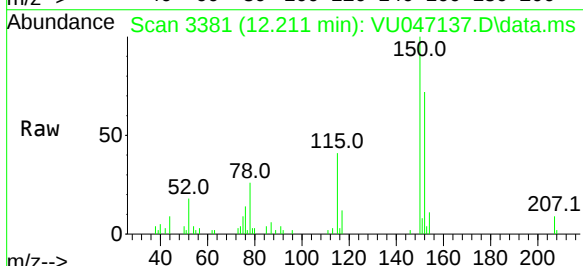
RT: 12.211 min Scan# 3381

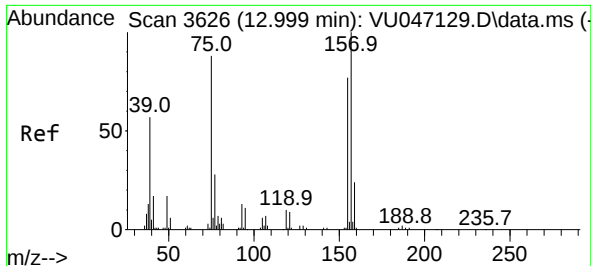
Delta R.T. -0.003 min

Lab File: VU047137.D

Acq: 14 Feb 2022 17:29

Tgt Ion: 146	Resp:	181
Ion	Ratio	Lower Upper
146	100	
111	77.3	22.1 66.1#
148	37.6	31.6 94.7

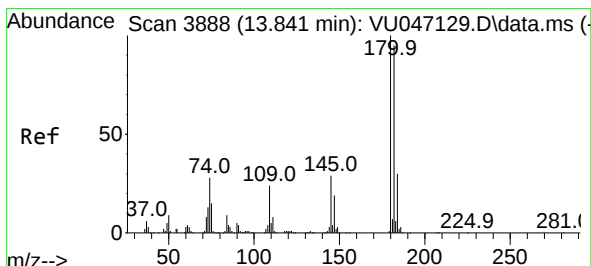
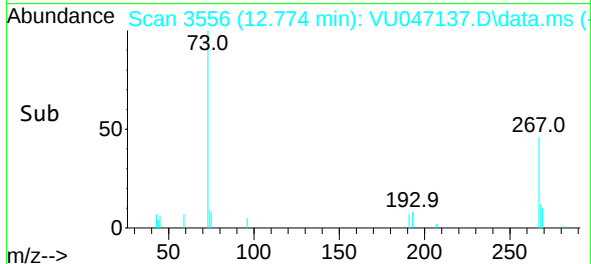
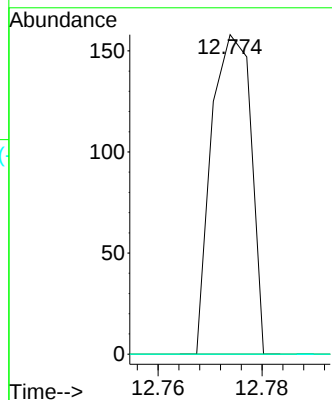
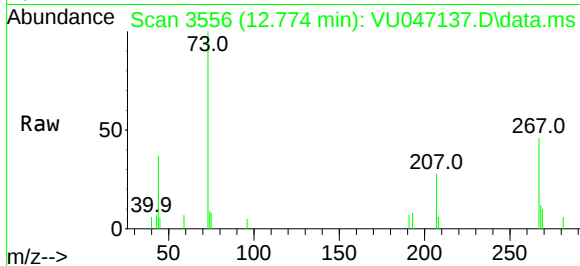




#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.030 ug/l
 RT: 12.774 min Scan# 31
 Delta R.T. -0.225 min
 Lab File: VU047137.D
 Acq: 14 Feb 2022 17:29

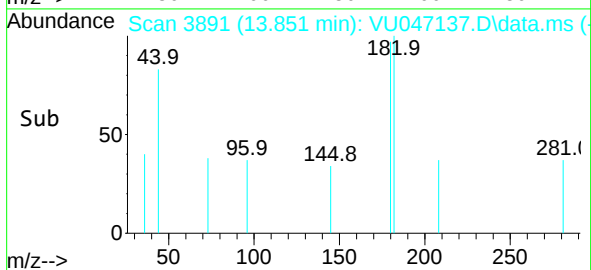
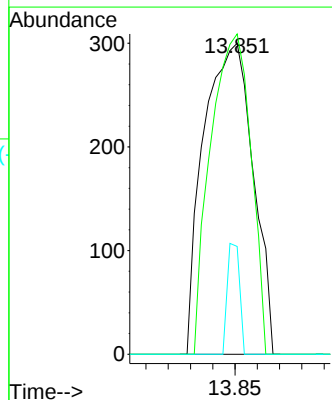
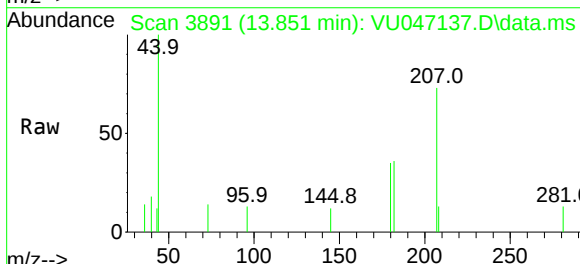
Instrument :
 MSVOA_U
 ClientSampleId :

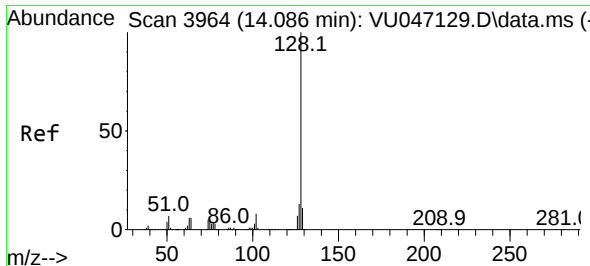
Tgt Ion: 75 Resp: 83
 Ion Ratio Lower Upper
 75 100
 155 0.0 57.8 86.8#
 157 0.0 75.1 112.7#



#87
 1,2,4-Trichlorobenzene
 Concen: 0.018 ug/l
 RT: 13.851 min Scan# 3891
 Delta R.T. 0.010 min
 Lab File: VU047137.D
 Acq: 14 Feb 2022 17:29

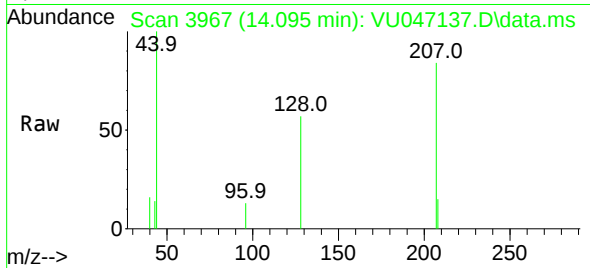
Tgt Ion:180 Resp: 462
 Ion Ratio Lower Upper
 180 100
 182 84.0 75.8 113.8
 145 8.9 25.3 37.9#



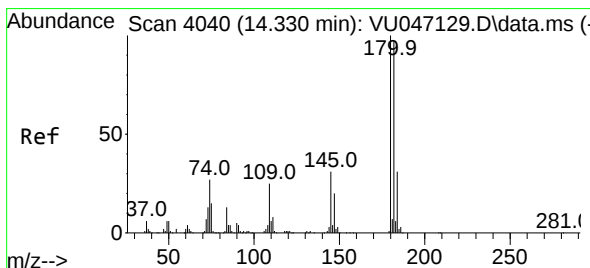
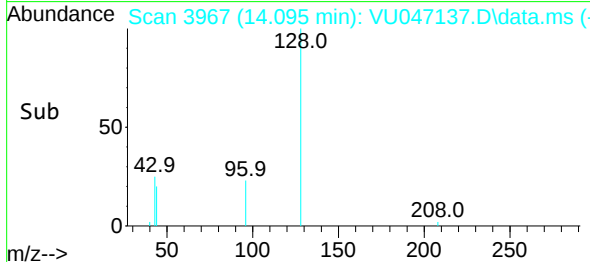
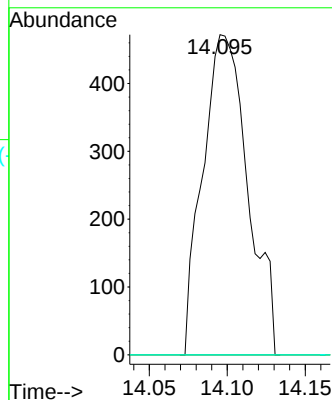


#89
Naphthalene
Concen: 0.019 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.010 min
Lab File: VU047137.D
Acq: 14 Feb 2022 17:29

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 951
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 13.0#



#90
1,2,3-Trichlorobenzene
Concen: 0.017 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU047137.D
Acq: 14 Feb 2022 17:29

Tgt Ion:180 Resp: 391
Ion Ratio Lower Upper
180 100
182 77.7 75.4 113.0
145 0.0 27.0 40.4#

