

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021422\
 Data File : VU047135.D
 Acq On : 14 Feb 2022 16:28
 Operator : SY/MD
 Sample : N1205-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 15 03:50:46 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	55004	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.635	95	20588	0.966	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	20794	0.937	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.526	50	142	0.008	ug/l	# 51
4) Vinyl Chloride	1.607	62	39	0.002	ug/l	# 42
9) 1,1-Dichloroethene	2.584	96	223	0.017	ug/l	1
11) Allyl Chloride	3.034	41	143	0.007	ug/l	91
12) Acrylonitrile	3.324	53	59	0.015	ug/l	# 1
13) Acetone	2.642	43	336	Below Cal	#	41
14) Carbon Disulfide	2.803	76	582	0.013	ug/l	96
15) Methylene Chloride	3.050	84	2054	0.141	ug/l	88
16) trans-1,2-Dichloroethene	3.356	96	67	0.005	ug/l	# 1
18) 2-Butanone	4.742	43	141	0.037	ug/l	77
22) cis-1,2-Dichloroethene	4.677	96	141	0.009	ug/l	# 1
25) Methyl tert-Butyl Ether	3.372	73	111	0.003	ug/l	# 45
27) Chloroform	5.099	83	1292	0.051	ug/l	90
33) Tert-Amyl methyl ether	6.115	73	794	0.021	ug/l	# 49
35) Benzene	5.780	78	89	0.002	ug/l	# 51
39) Methacrylonitrile	4.993	41	65	0.013	ug/l	# 40
40) Methyl acrylate	4.835	55	41	0.005	ug/l	# 47
41) Tetrahydrofuran	5.086	42	584	0.222	ug/l	# 49
44) Bromodichloromethane	7.115	83	272	0.014	ug/l	# 95
45) 4-Methyl-2-Pentanone	7.806	43	803	0.073	ug/l	# 47
46) t-1,4-Dichloro-2-butene	10.825	75	16645	3.497	ug/l	# 19
49) Toluene	7.973	92	148	0.004	ug/l	# 20
50) t-1,3-Dichloropropene	8.208	75	89	0.004	ug/l	# 1
52) 1,1,2-Trichloroethane	8.468	97	20	0.002	ug/l	# 15
54) 2-Hexanone	8.697	43	936	0.115	ug/l	# 39
56) 1,2-Dibromoethane	8.928	107	22263	1.910	ug/l	97
59) Chlorobenzene	9.452	112	178	0.004	ug/l	# 43
63) Ethyl Benzene	9.574	91	242	0.003	ug/l	# 44
64) m/p-Xylenes	9.697	106	95	0.003	ug/l	# 1
66) Styrene	10.118	104	243	0.005	ug/l	# 61
69) Isopropylbenzene	10.491	105	269	0.004	ug/l	# 49
70) 1,1,2,2-Tetrachloroethane	10.825	83	338	0.022	ug/l	# 67
71) 1,2,3-Trichloropropane	10.825	75	16645	1.265	ug/l	86
72) Bromobenzene	10.780	156	39	0.002	ug/l	# 1
73) n-propylbenzene	11.092	120	96	0.005	ug/l	70
74) 2-Chlorotoluene	11.098	126	99	0.006	ug/l	1
75) 1,3,5-Trimethylbenzene	11.095	105	233	0.004	ug/l	90
76) 4-Chlorotoluene	11.098	126	99	0.006	ug/l	28
77) tert-Butylbenzene	11.426	119	265	0.005	ug/l	# 51
78) 1,2,4-Trimethylbenzene	11.471	105	490	0.008	ug/l	80
79) sec-Butylbenzene	11.645	105	385	0.005	ug/l	# 58
80) Nitrobenzene	13.217	77	43	0.057	ug/l	# 42
81) p-Isopropyltoluene	11.790	119	305	0.005	ug/l	# 50

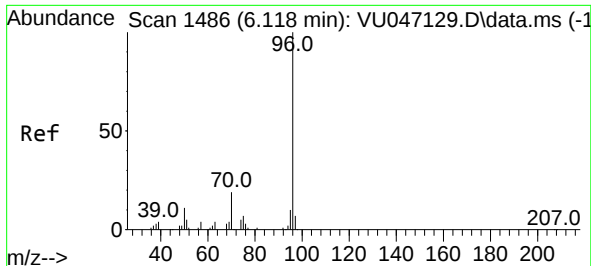
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021422\
Data File : VU047135.D
Acq On : 14 Feb 2022 16:28
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Quant Time: Feb 15 03:50:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021422DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Feb 15 03:17:28 2022
Response via : Initial Calibration

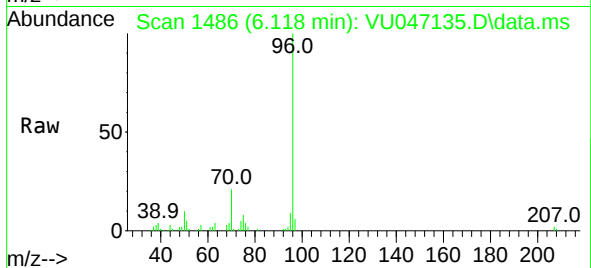
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 1,3-Dichlorobenzene	11.751	146	478	0.014	ug/l #	68
83) 1,4-Dichlorobenzene	11.841	146	432	0.013	ug/l #	85
84) n-Butylbenzene	12.217	91	733	0.012	ug/l #	83
85) 1,2-Dichlorobenzene	12.211	146	333	0.010	ug/l #	41
86) 1,2-Dibromo-3-Chloropr...	12.999	75	1504	0.526	ug/l	89
87) 1,2,4-Trichlorobenzene	13.847	180	692	0.027	ug/l #	79
89) Naphthalene	14.092	128	1758	0.034	ug/l #	79
90) 1,2,3-Trichlorobenzene	14.333	180	634	0.028	ug/l #	93

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

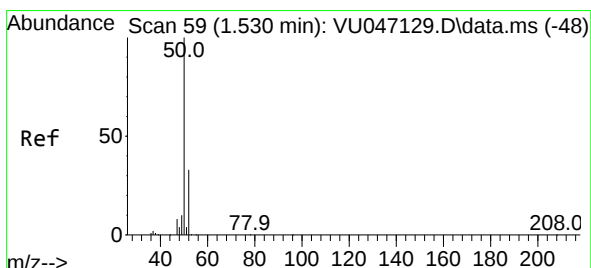
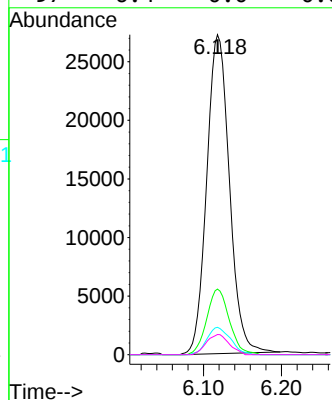
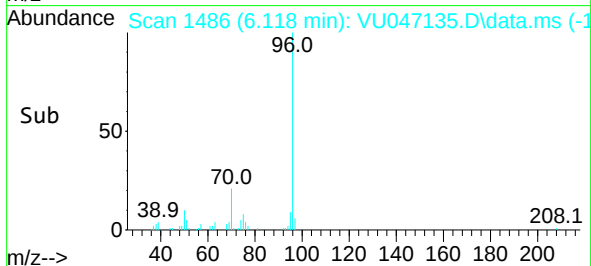


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.118 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU047135.D
Acq: 14 Feb 2022 16:28

Instrument :
MSVOA_U
ClientSampleId :

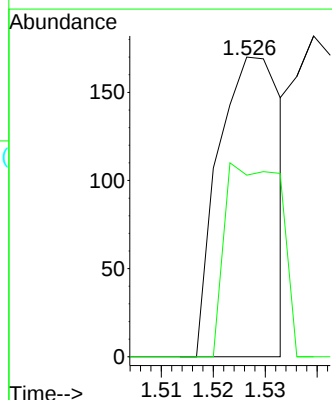
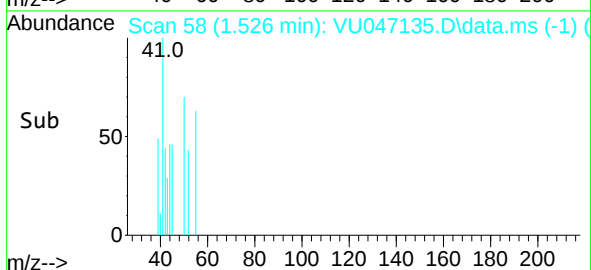
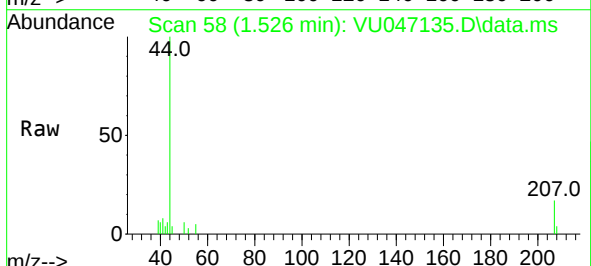


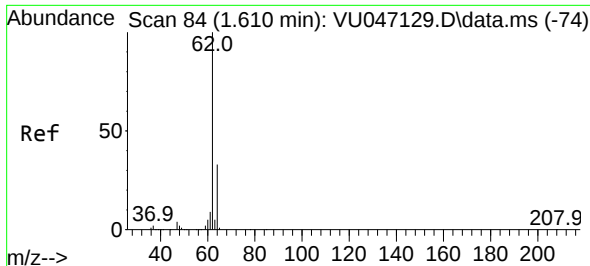
Tgt Ion: 96 Resp: 55004
Ion Ratio Lower Upper
96 100
70 20.5 16.8 25.2
95 8.9 7.3 10.9
97 6.4 0.0 0.0#



#3
Chloromethane
Concen: 0.008 ug/l
RT: 1.526 min Scan# 58
Delta R.T. -0.003 min
Lab File: VU047135.D
Acq: 14 Feb 2022 16:28

Tgt Ion: 50 Resp: 142
Ion Ratio Lower Upper
50 100
52 60.6 26.2 39.4#

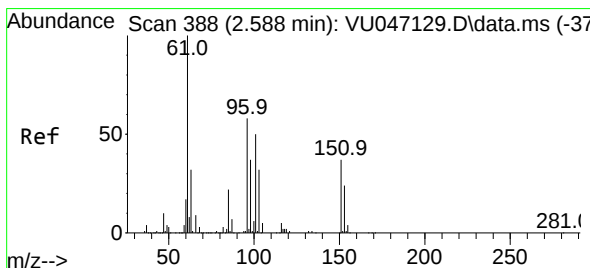
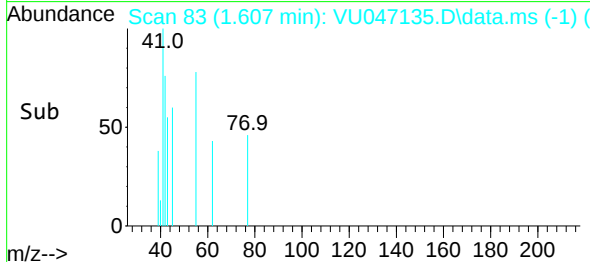
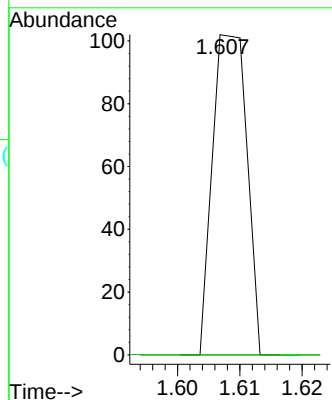
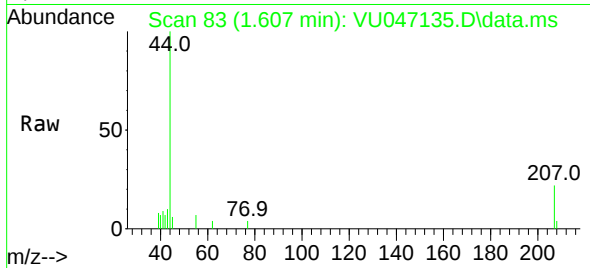




#4
 Vinyl Chloride
 Concen: 0.002 ug/l
 RT: 1.607 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU047135.D
 Acq: 14 Feb 2022 16:28

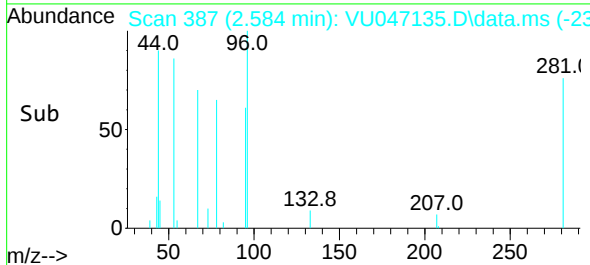
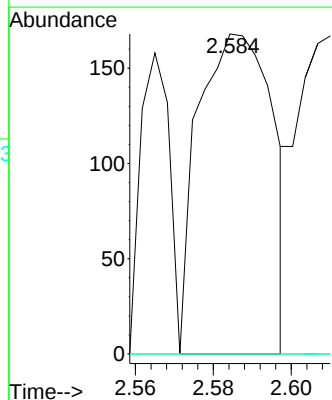
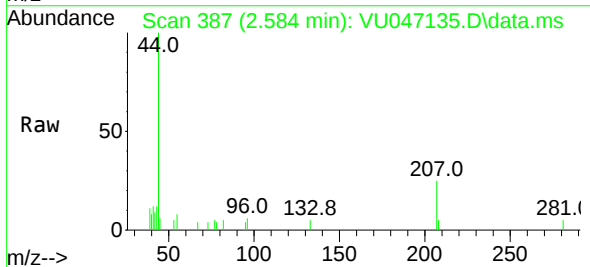
Instrument :
 MSVOA_U
 ClientSampleId :

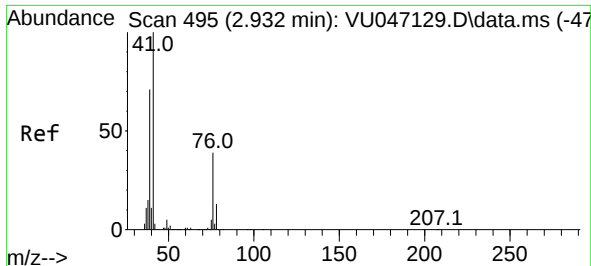
Tgt Ion: 62 Resp: 39
 Ion Ratio Lower Upper
 62 100
 64 0.0 26.0 39.0#



#9
 1,1-Dichloroethene
 Concen: 0.017 ug/l
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU047135.D
 Acq: 14 Feb 2022 16:28

Tgt Ion: 96 Resp: 223
 Ion Ratio Lower Upper
 96 100
 61 0.0 0.0 514.2
 98 0.0 0.0 126.4





#11

Allyl Chloride

Concen: 0.007 ug/l

RT: 3.034 min Scan# 51

Delta R.T. 0.103 min

Lab File: VU047135.D

Acq: 14 Feb 2022 16:28

Instrument :

MSVOA_U

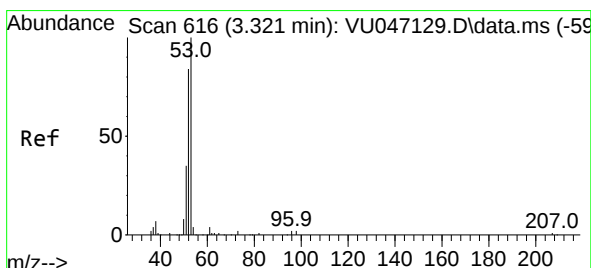
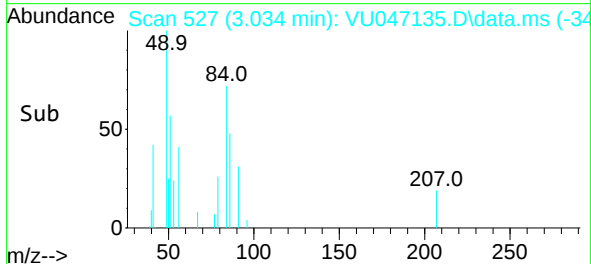
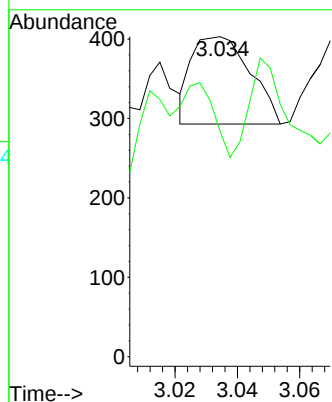
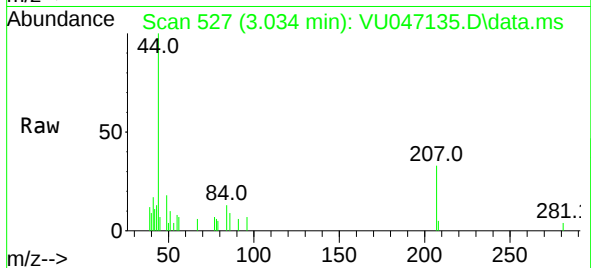
ClientSampleId :

Tgt Ion: 41 Resp: 143

Ion Ratio Lower Upper

41 100

39 69.9 62.4 93.6



#12

Acrylonitrile

Concen: 0.015 ug/l

RT: 3.324 min Scan# 617

Delta R.T. 0.003 min

Lab File: VU047135.D

Acq: 14 Feb 2022 16:28

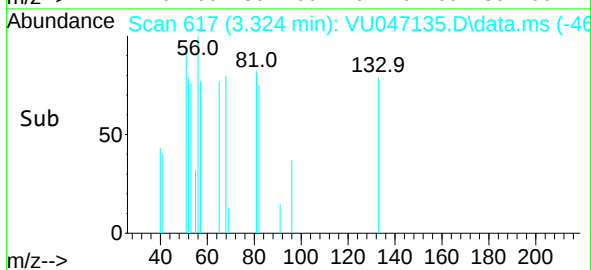
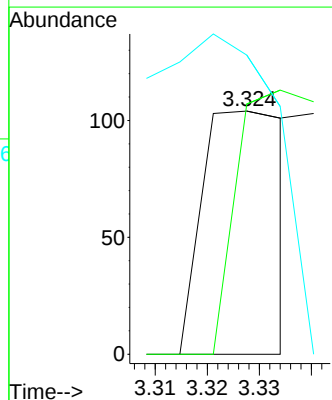
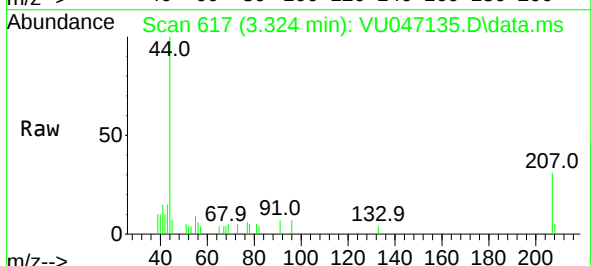
Tgt Ion: 53 Resp: 59

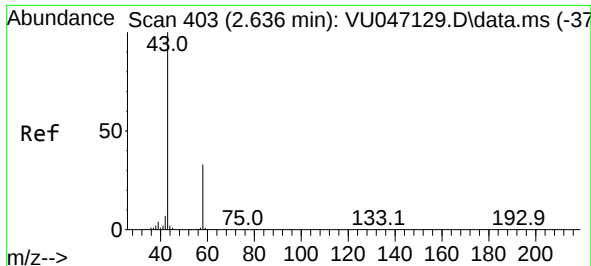
Ion Ratio Lower Upper

53 100

52 106.8 56.7 85.1#

51 311.9 30.3 45.5#





#13

Acetone

Concen: Below Cal

RT: 2.642 min Scan# 403

Delta R.T. 0.006 min

Lab File: VU047135.D

Acq: 14 Feb 2022 16:28

Instrument :

MSVOA_U

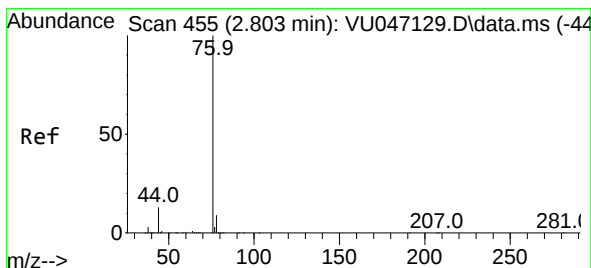
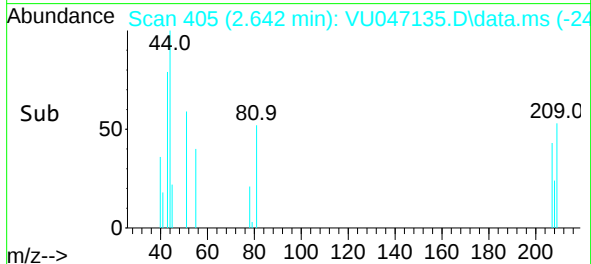
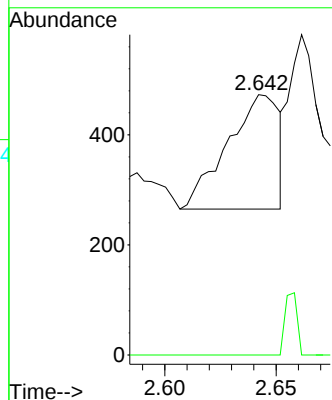
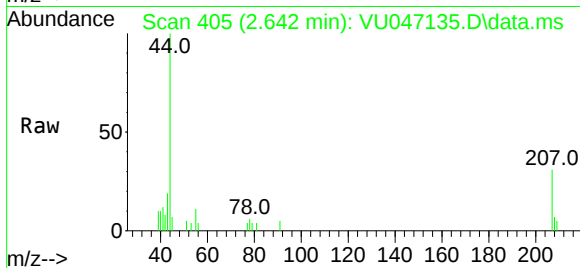
ClientSampleId :

Tgt Ion: 43 Resp: 336

Ion Ratio Lower Upper

43 100

58 0.0 27.1 40.7#



#14

Carbon Disulfide

Concen: 0.013 ug/l

RT: 2.803 min Scan# 455

Delta R.T. -0.000 min

Lab File: VU047135.D

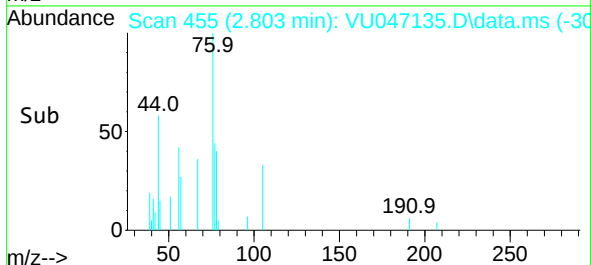
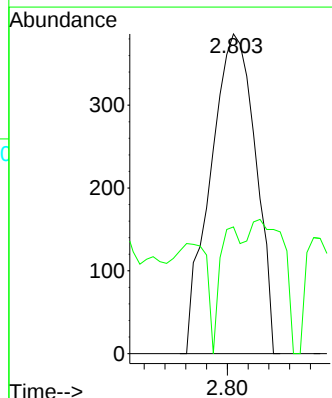
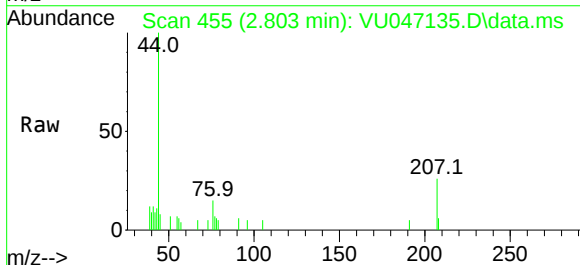
Acq: 14 Feb 2022 16:28

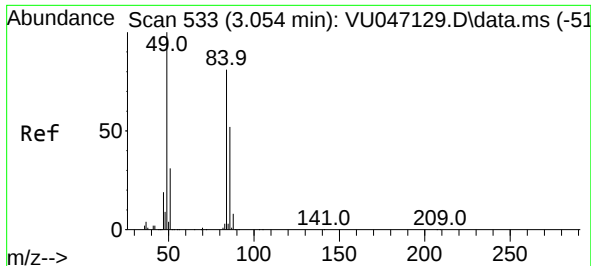
Tgt Ion: 76 Resp: 582

Ion Ratio Lower Upper

76 100

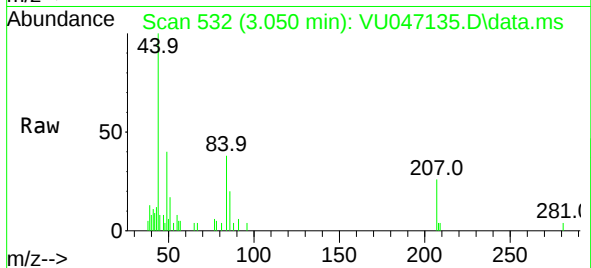
78 7.5 7.1 10.7



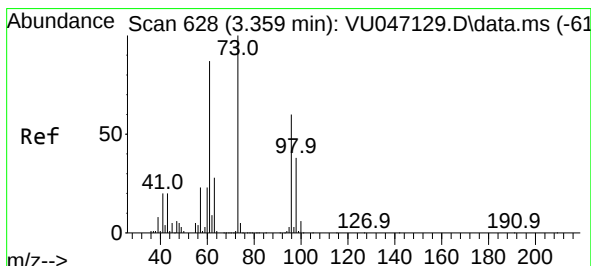
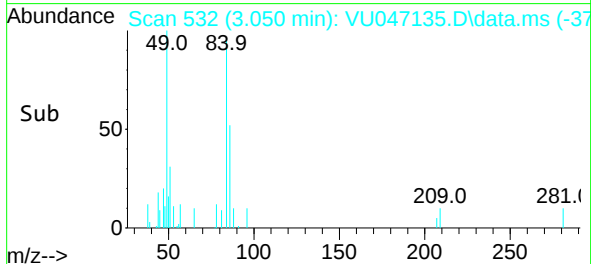
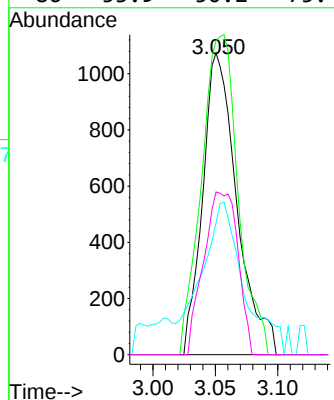


#15
Methylene Chloride
Concen: 0.141 ug/l
RT: 3.050 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU047135.D
Acq: 14 Feb 2022 16:28

Instrument :
MSVOA_U
ClientSampleId :

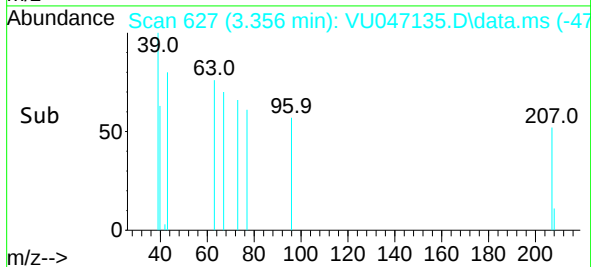
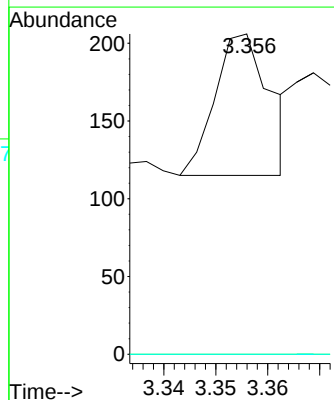
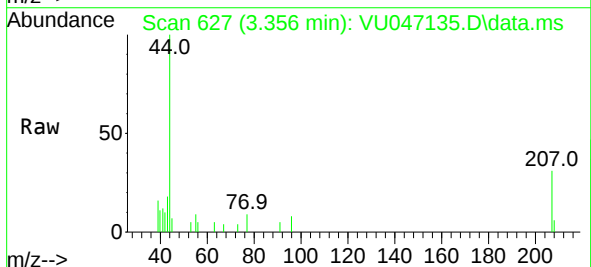


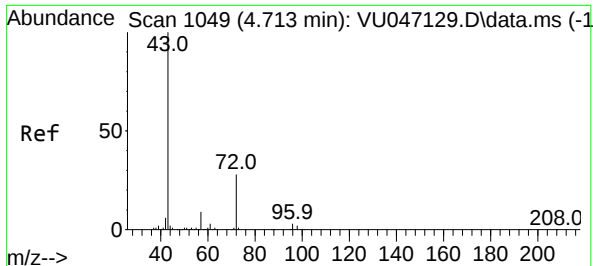
Tgt Ion:	84	Resp:	2054
Ion	Ratio	Lower	Upper
84	100		
49	104.0	97.2	145.8
51	34.5	0.0	73.4
86	53.9	50.2	75.4



#16
trans-1,2-Dichloroethene
Concen: 0.005 ug/l
RT: 3.356 min Scan# 627
Delta R.T. -0.003 min
Lab File: VU047135.D
Acq: 14 Feb 2022 16:28

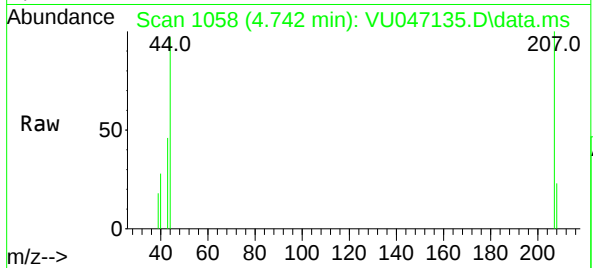
Tgt Ion:	96	Resp:	67
Ion	Ratio	Lower	Upper
96	100		
61	0.0	115.8	173.6#
98	0.0	51.1	76.7#



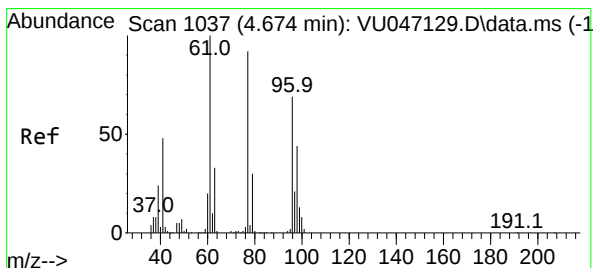
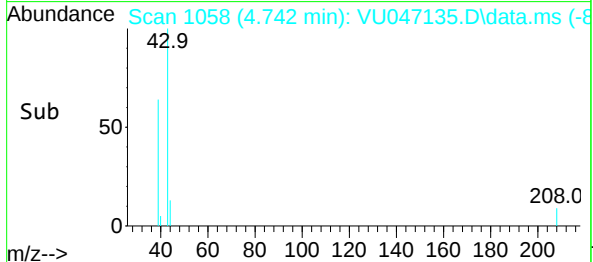
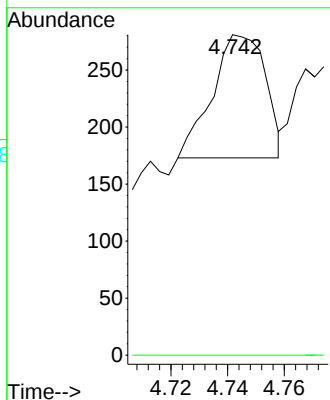


#18
2-Butanone
Concen: 0.037 ug/l
RT: 4.742 min Scan# 1058
Delta R.T. 0.029 min
Lab File: VU047135.D
Acq: 14 Feb 2022 16:28

Instrument :
MSVOA_U
ClientSampleId :

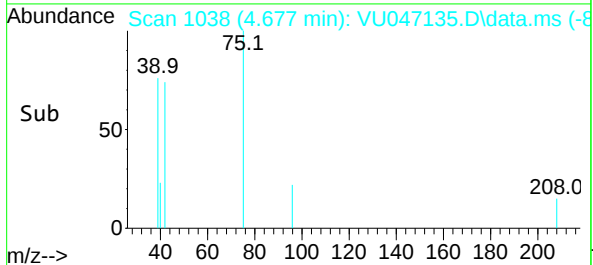
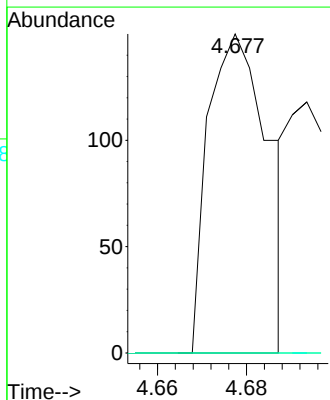
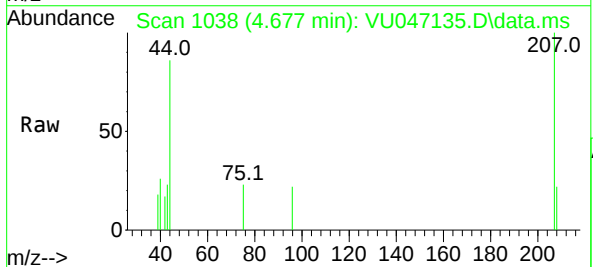


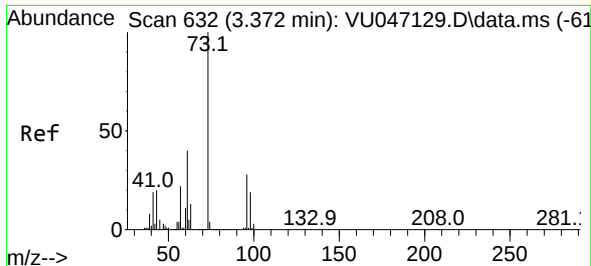
Tgt Ion: 43 Resp: 141
Ion Ratio Lower Upper
43 100
57 0.0 0.0 16.6



#22
cis-1,2-Dichloroethene
Concen: 0.009 ug/l
RT: 4.677 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VU047135.D
Acq: 14 Feb 2022 16:28

Tgt Ion: 96 Resp: 141
Ion Ratio Lower Upper
96 100
61 0.0 0.0 385.3
98 0.0 32.1 96.3#

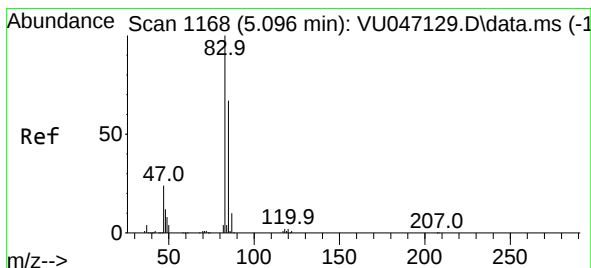
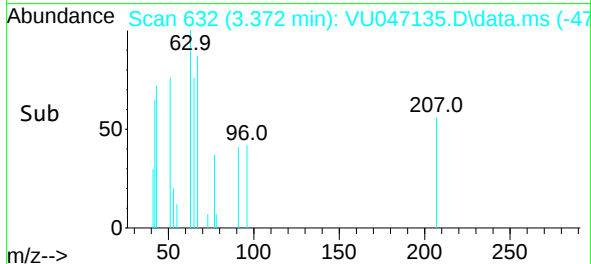
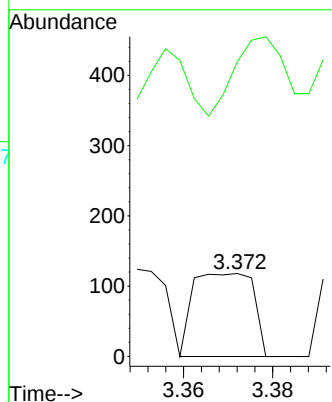
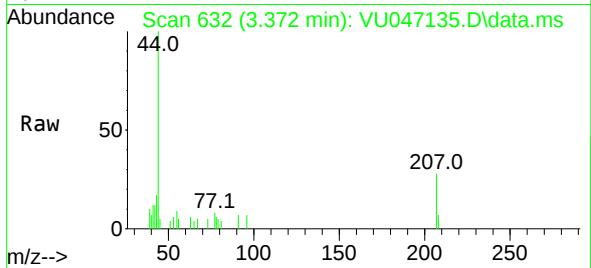




#25
Methyl tert-Butyl Ether
Concen: 0.003 ug/l
RT: 3.372 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU047135.D
Acq: 14 Feb 2022 16:28

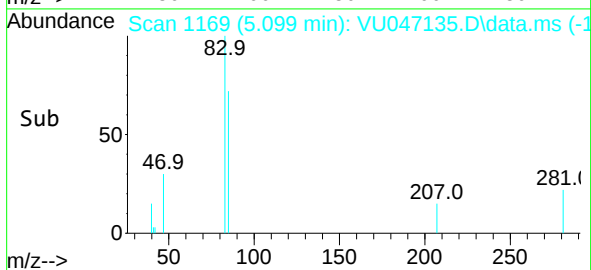
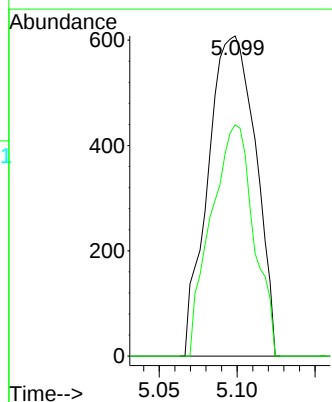
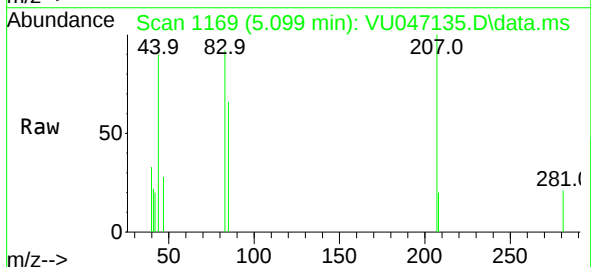
Instrument :
MSVOA_U
ClientSampleId :

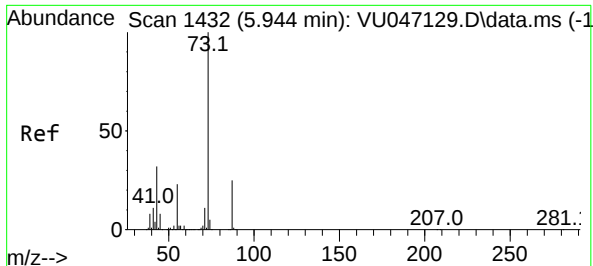
Tgt Ion: 73 Resp: 111
Ion Ratio Lower Upper
73 100
43 45.9 16.3 24.5#



#27
Chloroform
Concen: 0.051 ug/l
RT: 5.099 min Scan# 1169
Delta R.T. 0.003 min
Lab File: VU047135.D
Acq: 14 Feb 2022 16:28

Tgt Ion: 83 Resp: 1292
Ion Ratio Lower Upper
83 100
85 72.2 0.0 129.2





#33

Tert-Amyl methyl ether

Concen: 0.021 ug/l

RT: 6.115 min Scan# 14

Delta R.T. 0.170 min

Lab File: VU047135.D

Acq: 14 Feb 2022 16:28

Instrument :

MSVOA_U

ClientSampleId :

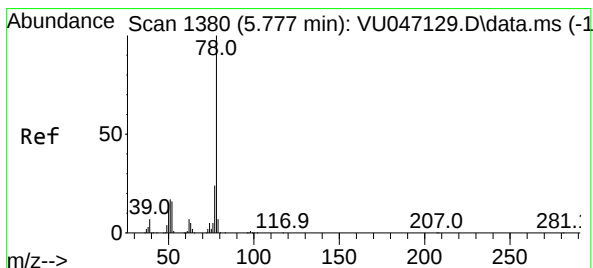
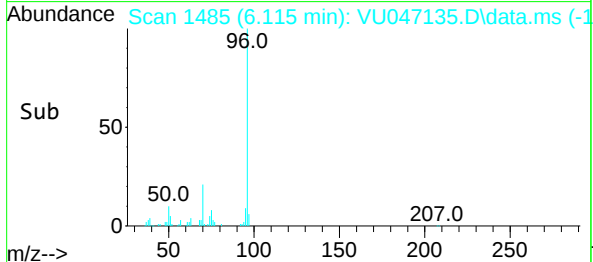
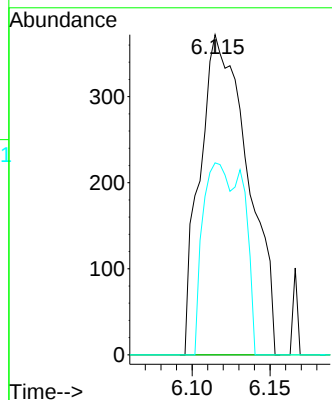
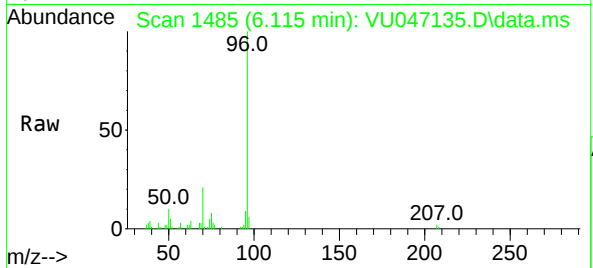
Tgt Ion: 73 Resp: 794

Ion Ratio Lower Upper

73 100

87 0.0 18.6 28.0#

71 33.4 9.0 13.6#



#35

Benzene

Concen: 0.002 ug/l

RT: 5.780 min Scan# 1381

Delta R.T. 0.003 min

Lab File: VU047135.D

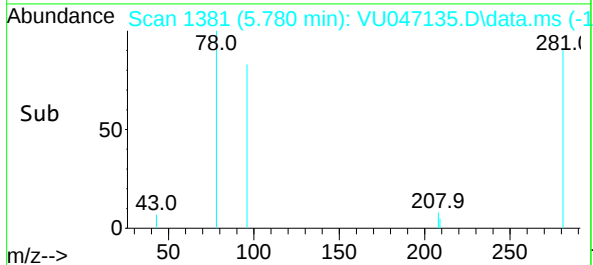
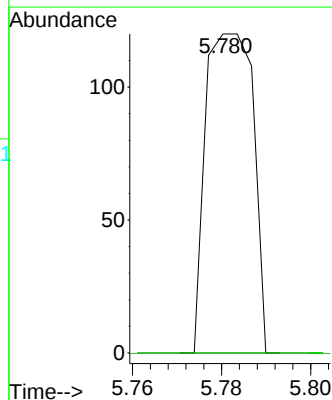
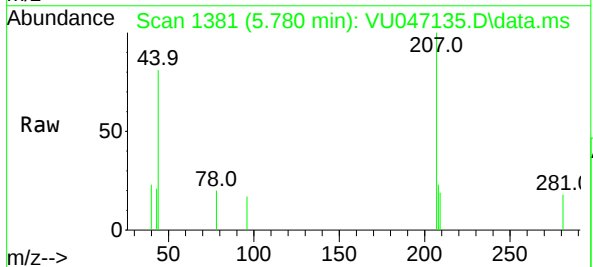
Acq: 14 Feb 2022 16:28

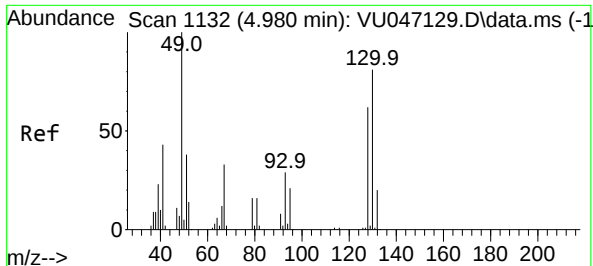
Tgt Ion: 78 Resp: 89

Ion Ratio Lower Upper

78 100

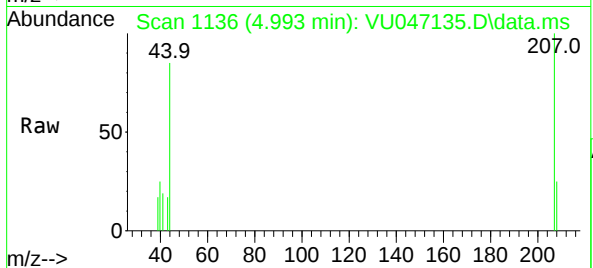
77 0.0 19.1 28.7#



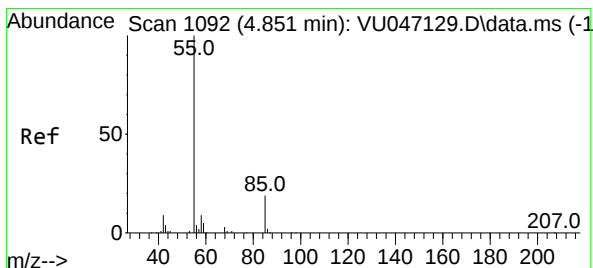
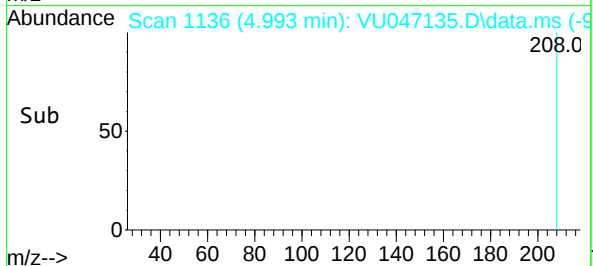
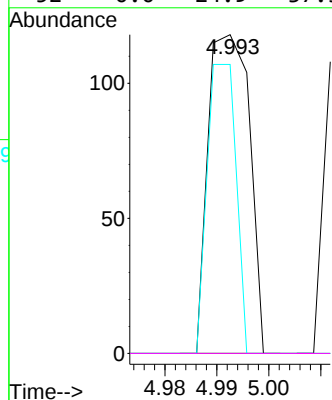


#39
Methacrylonitrile
Concen: 0.013 ug/l
RT: 4.993 min Scan# 1136
Delta R.T. 0.013 min
Lab File: VU047135.D
Acq: 14 Feb 2022 16:28

Instrument :
MSVOA_U
ClientSampleId :

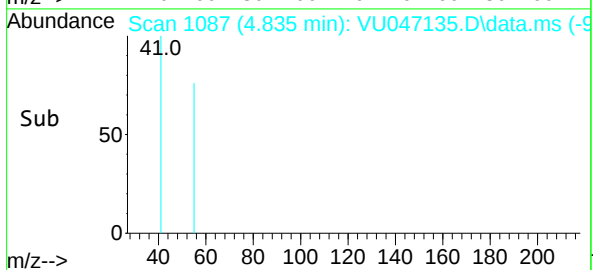
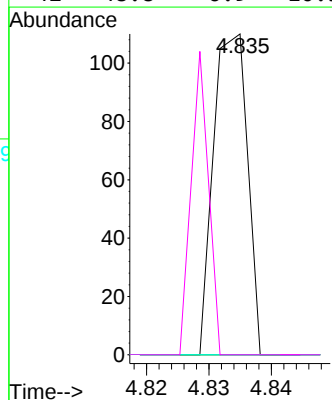
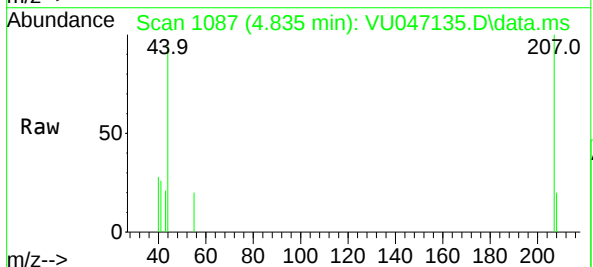


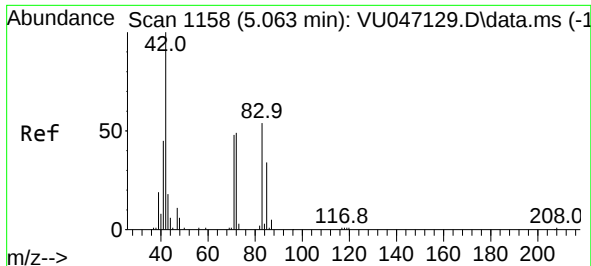
Tgt Ion:	41	Resp:	65
Ion	Ratio	Lower	Upper
41	100		
67	0.0	65.2	97.8#
39	63.1	43.0	64.6
52	0.0	24.9	37.3#



#40
Methyl acrylate
Concen: 0.005 ug/l
RT: 4.835 min Scan# 1087
Delta R.T. -0.016 min
Lab File: VU047135.D
Acq: 14 Feb 2022 16:28

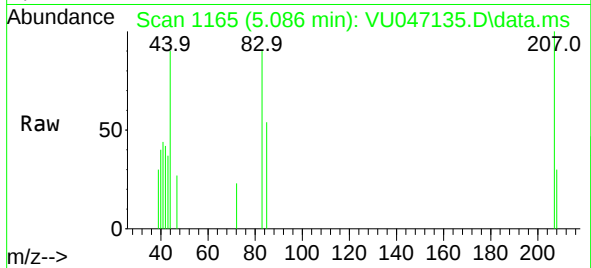
Tgt Ion:	55	Resp:	41
Ion	Ratio	Lower	Upper
55	100		
85	0.0	12.2	18.2#
58	0.0	6.7	10.1#
42	48.8	6.9	10.3#



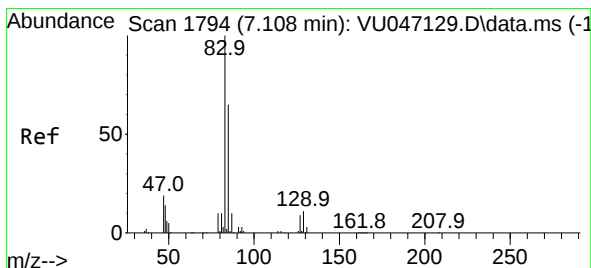
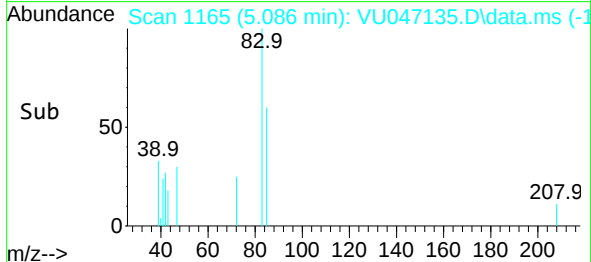
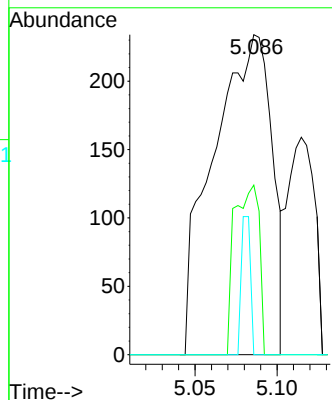


#41
Tetrahydrofuran
Concen: 0.222 ug/l
RT: 5.086 min Scan# 1158
Delta R.T. 0.022 min
Lab File: VU047135.D
Acq: 14 Feb 2022 16:28

Instrument :
MSVOA_U
ClientSampleId :

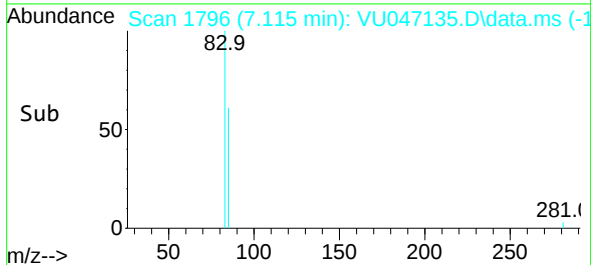
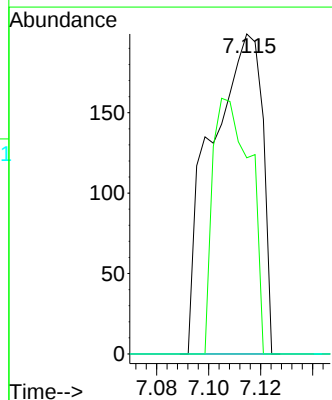
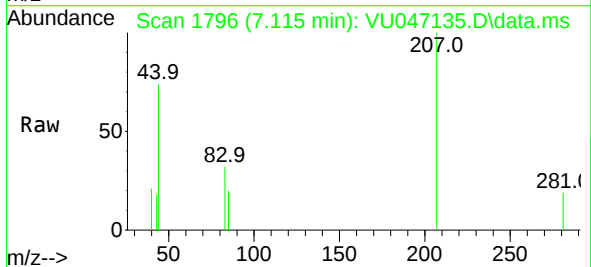


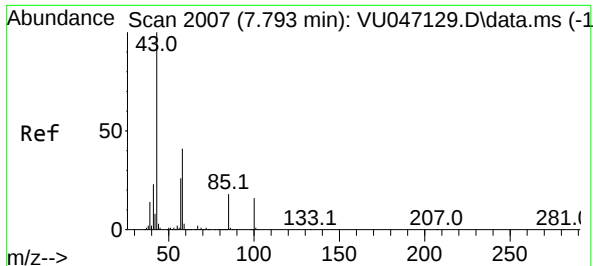
Tgt Ion: 42 Resp: 584
Ion Ratio Lower Upper
42 100
72 22.1 42.4 63.6#
71 6.7 36.4 54.6#



#44
Bromodichloromethane
Concen: 0.014 ug/l
RT: 7.115 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VU047135.D
Acq: 14 Feb 2022 16:28

Tgt Ion: 83 Resp: 272
Ion Ratio Lower Upper
83 100
85 61.3 50.9 76.3
127 0.0 6.0 9.0#





#45

4-Methyl-2-Pentanone

Concen: 0.073 ug/l

RT: 7.806 min Scan# 2007

Delta R.T. 0.013 min

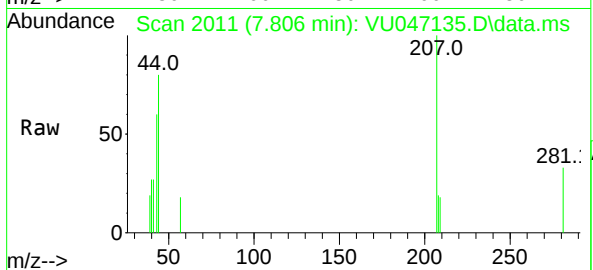
Lab File: VU047135.D

Acq: 14 Feb 2022 16:28

Instrument :

MSVOA_U

ClientSampleId :



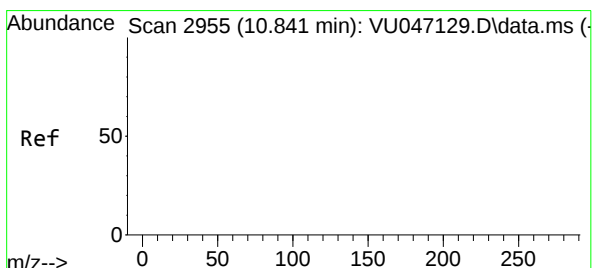
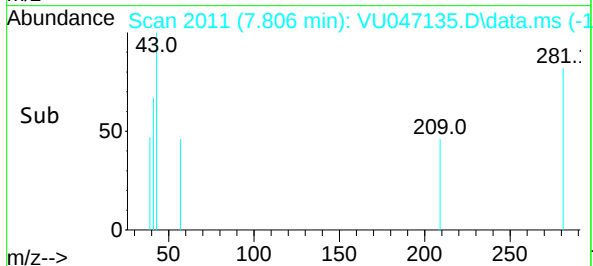
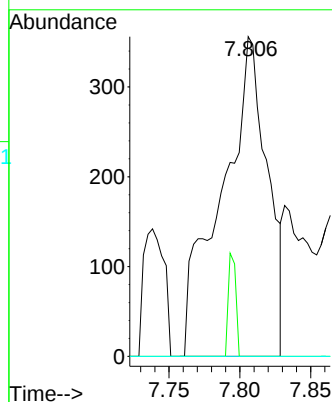
Tgt Ion: 43 Resp: 803

Ion Ratio Lower Upper

43 100

58 5.2 21.0 63.0#

85 0.0 14.8 22.2#



#46

t-1,4-Dichloro-2-butene

Concen: 3.497 ug/l

RT: 10.825 min Scan# 2950

Delta R.T. -0.016 min

Lab File: VU047135.D

Acq: 14 Feb 2022 16:28

Tgt Ion: 75 Resp: 16645

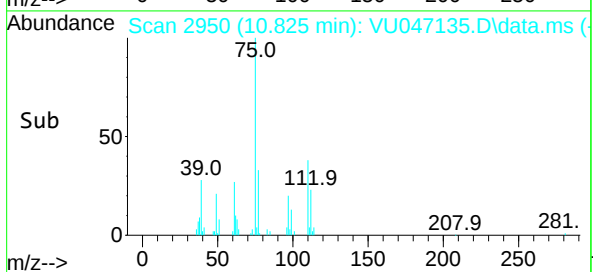
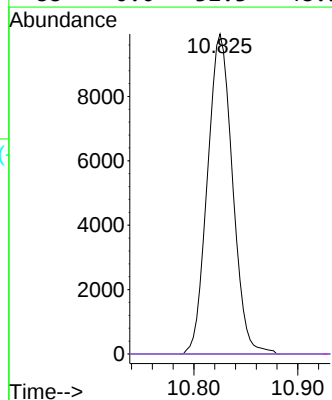
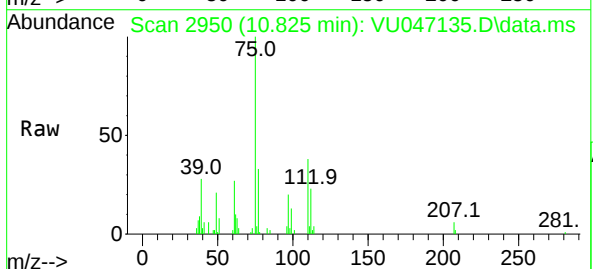
Ion Ratio Lower Upper

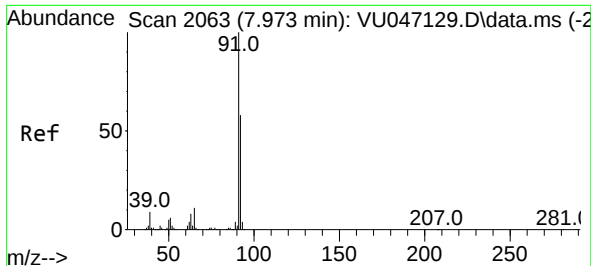
75 100

53 0.0 66.8 100.2#

89 0.0 41.7 62.5#

88 0.0 32.3 48.5#





#49

Toluene

Concen: 0.004 ug/l

RT: 7.973 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VU047135.D

Acq: 14 Feb 2022 16:28

Instrument :

MSVOA_U

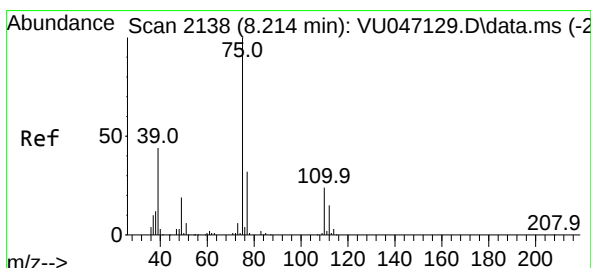
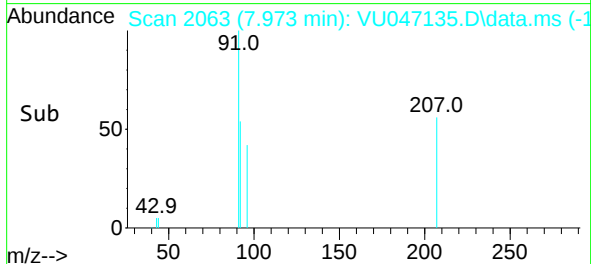
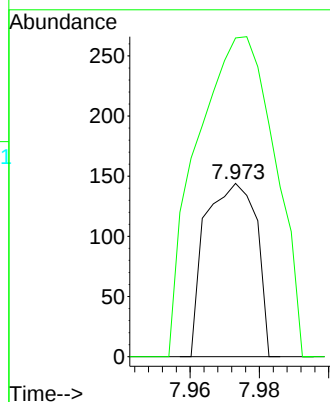
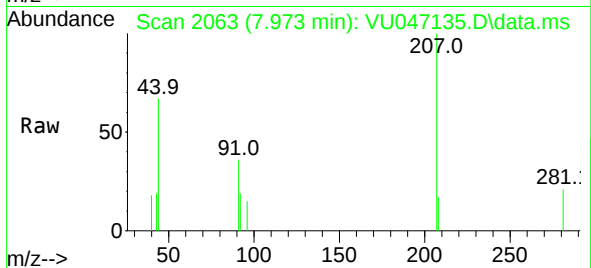
ClientSampleId :

Tgt Ion: 92 Resp: 148

Ion Ratio Lower Upper

92 100

91 280.4 136.8 205.2#



#50

t-1,3-Dichloropropene

Concen: 0.004 ug/l

RT: 8.208 min Scan# 2136

Delta R.T. -0.007 min

Lab File: VU047135.D

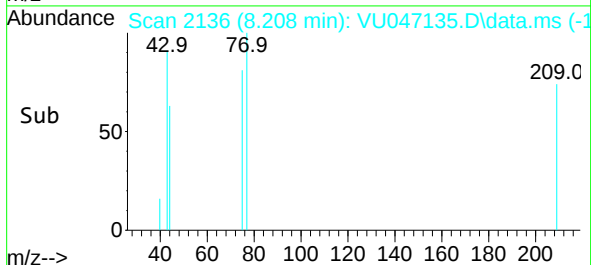
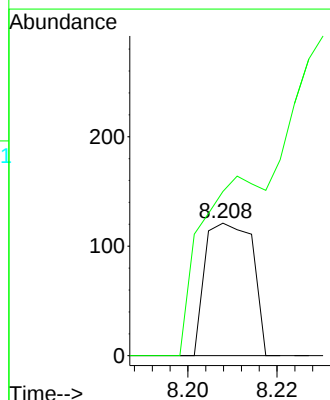
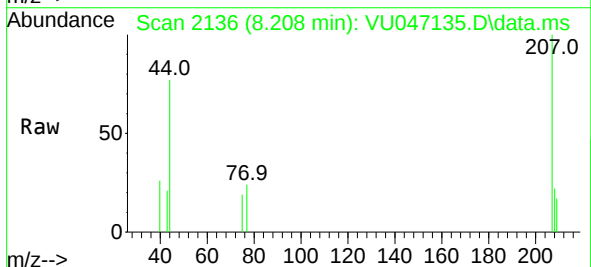
Acq: 14 Feb 2022 16:28

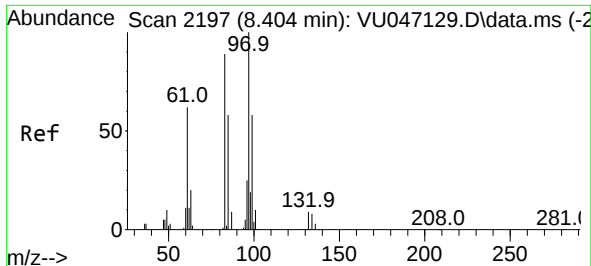
Tgt Ion: 75 Resp: 89

Ion Ratio Lower Upper

75 100

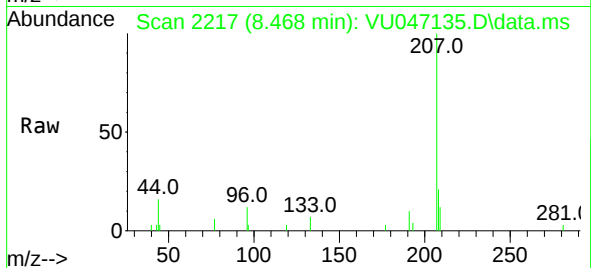
77 124.0 25.6 38.4#



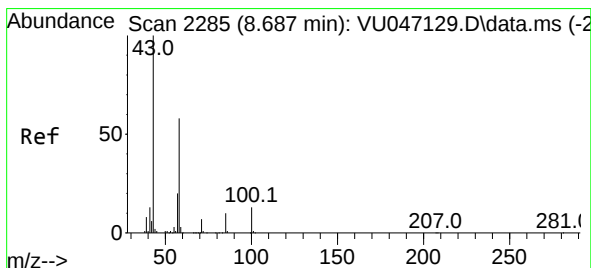
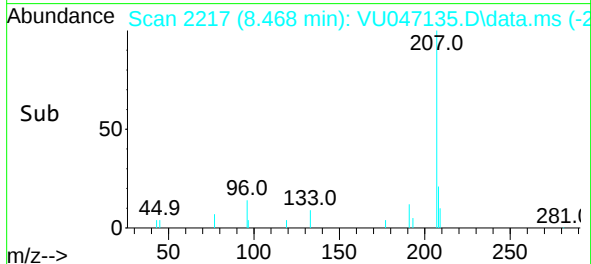
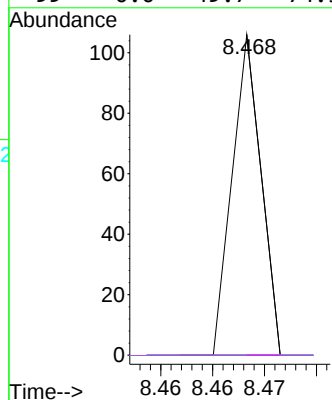


#52
1,1,2-Trichloroethane
Concen: 0.002 ug/l
RT: 8.468 min Scan# 2197
Delta R.T. 0.064 min
Lab File: VU047135.D
Acq: 14 Feb 2022 16:28

Instrument :
MSVOA_U
ClientSampleId :

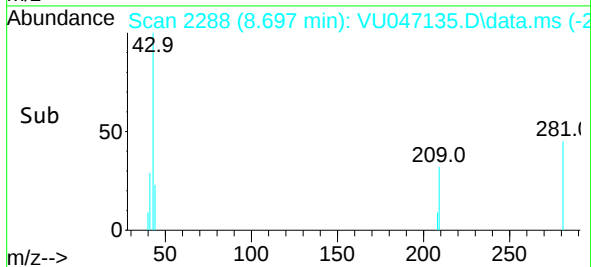
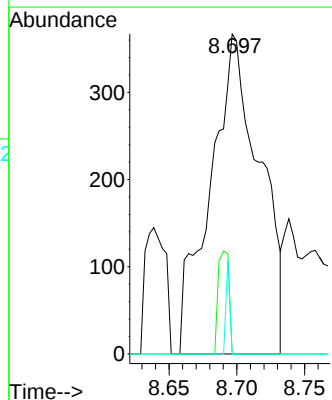
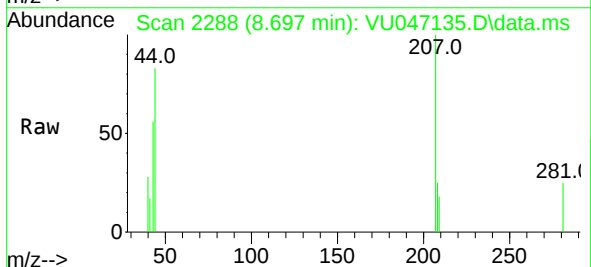


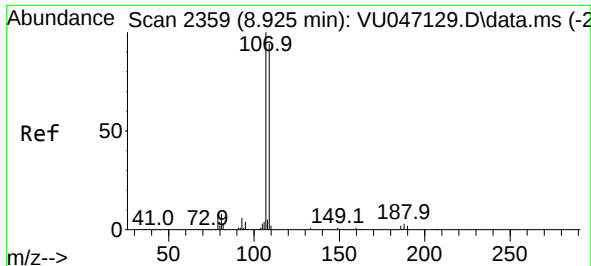
Tgt Ion: 97 Resp: 20
Ion Ratio Lower Upper
97 100
83 0.0 69.8 104.8#
85 0.0 44.2 66.4#
99 0.0 49.7 74.5#



#54
2-Hexanone
Concen: 0.115 ug/l
RT: 8.697 min Scan# 2288
Delta R.T. 0.010 min
Lab File: VU047135.D
Acq: 14 Feb 2022 16:28

Tgt Ion: 43 Resp: 936
Ion Ratio Lower Upper
43 100
58 7.1 37.7 77.7#
57 2.1 0.5 40.5

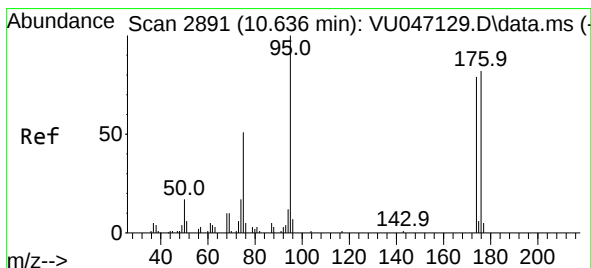
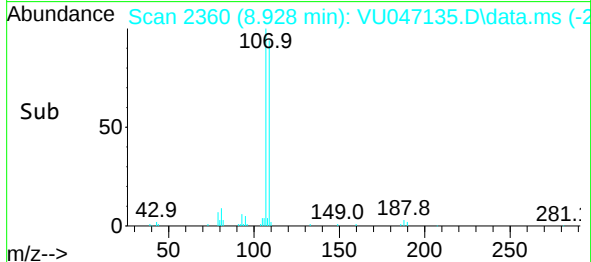
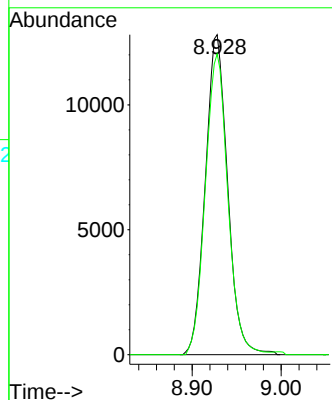
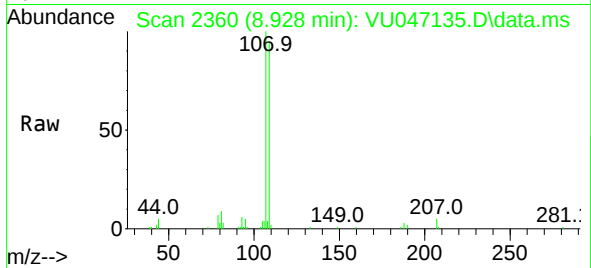




#56
1,2-Dibromoethane
Concen: 1.910 ug/l
RT: 8.928 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU047135.D
Acq: 14 Feb 2022 16:28

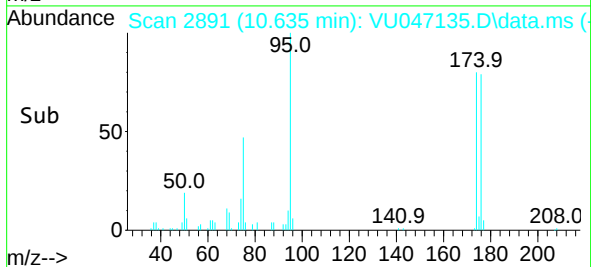
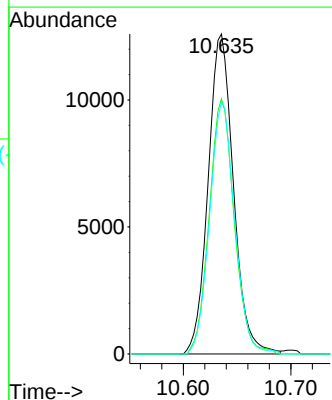
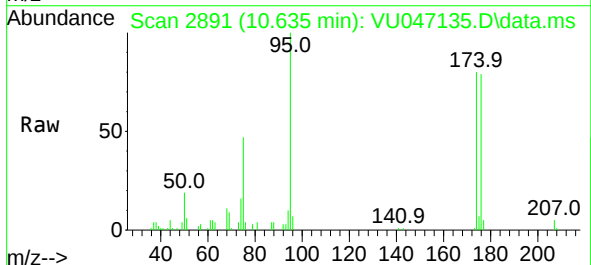
Instrument :
MSVOA_U
ClientSampleId :

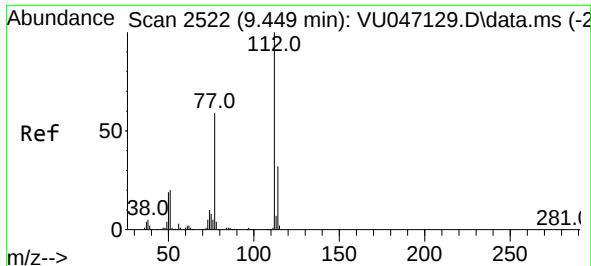
Tgt Ion:107 Resp: 22263
Ion Ratio Lower Upper
107 100
109 95.1 0.0 185.0



#57
4-Bromofluorobenzene
Concen: 0.966 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.000 min
Lab File: VU047135.D
Acq: 14 Feb 2022 16:28

Tgt Ion: 95 Resp: 20588
Ion Ratio Lower Upper
95 100
174 78.9 56.6 84.8
176 78.0 54.3 81.5





#59

Chlorobenzene

Concen: 0.004 ug/l

RT: 9.452 min Scan# 2523

Delta R.T. 0.003 min

Lab File: VU047135.D

Acq: 14 Feb 2022 16:28

Instrument :

MSVOA_U

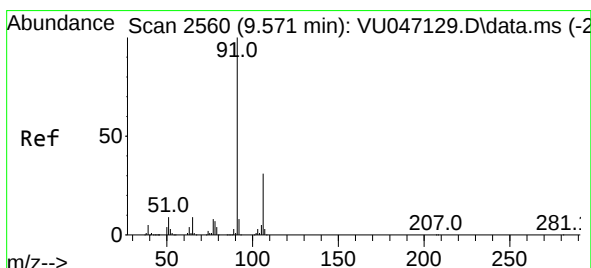
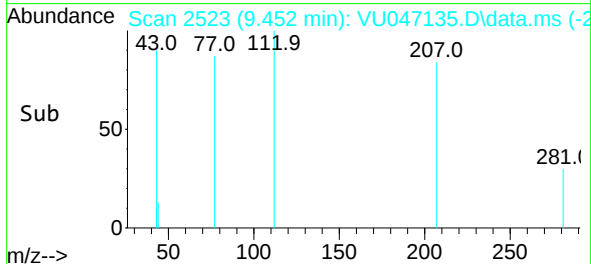
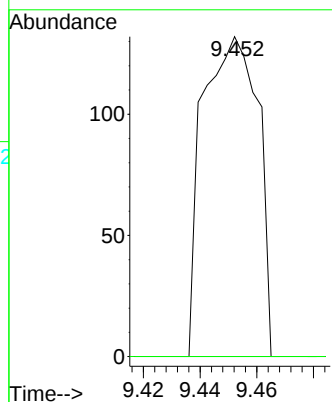
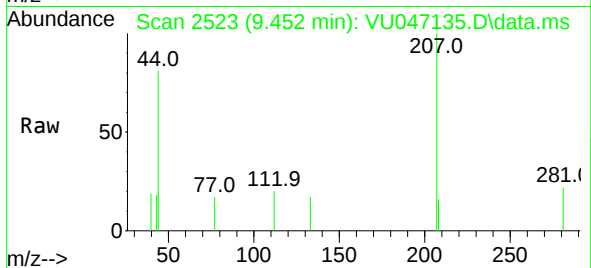
ClientSampleId :

Tgt Ion:112 Resp: 178

Ion Ratio Lower Upper

112 100

114 0.0 25.4 38.0#



#63

Ethyl Benzene

Concen: 0.003 ug/l

RT: 9.574 min Scan# 2561

Delta R.T. 0.003 min

Lab File: VU047135.D

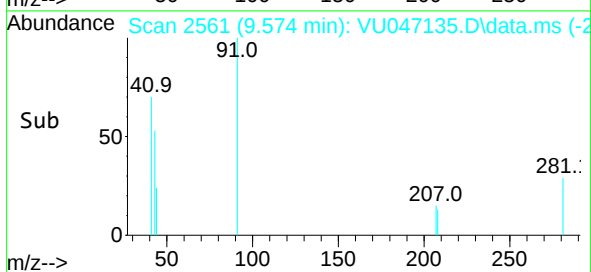
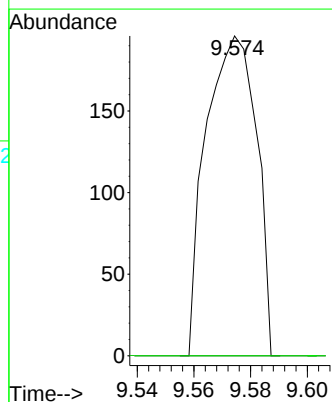
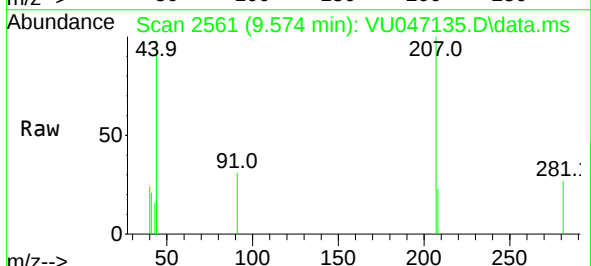
Acq: 14 Feb 2022 16:28

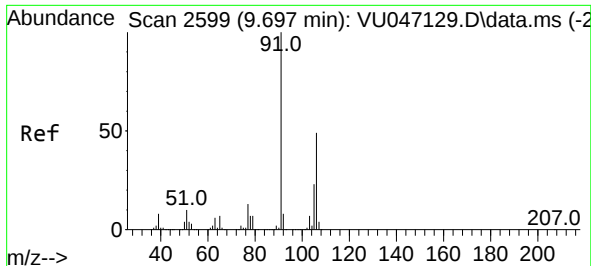
Tgt Ion: 91 Resp: 242

Ion Ratio Lower Upper

91 100

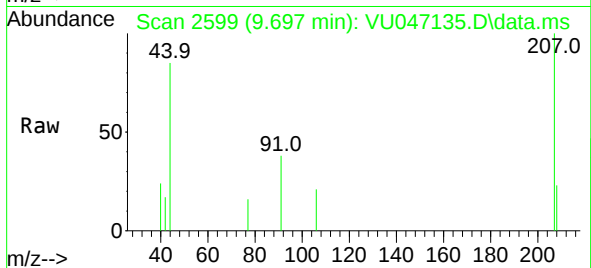
106 0.0 24.4 36.6#



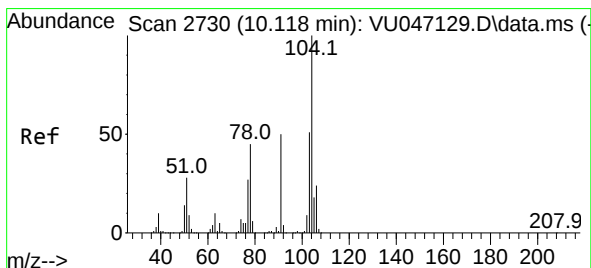
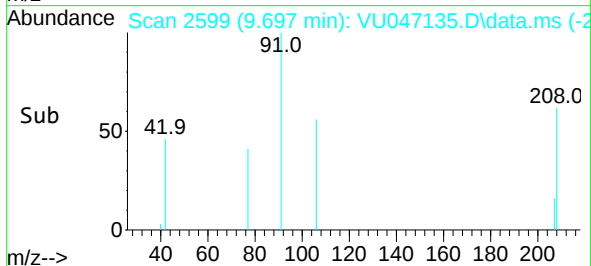
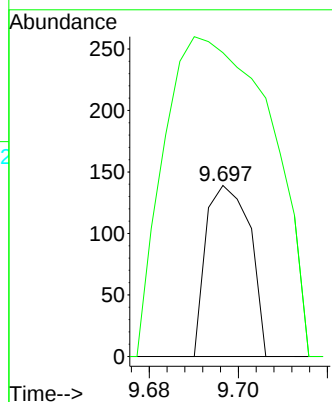


#64
m/p-Xylenes
Concen: 0.003 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU047135.D
Acq: 14 Feb 2022 16:28

Instrument :
MSVOA_U
ClientSampleId :

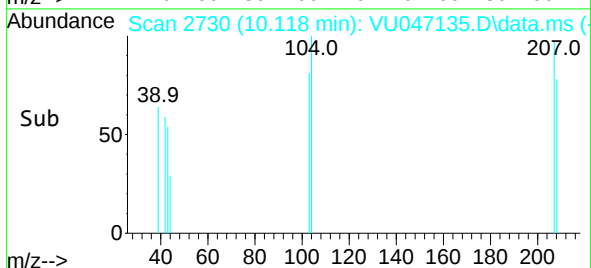
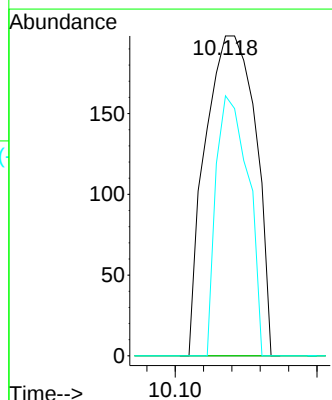
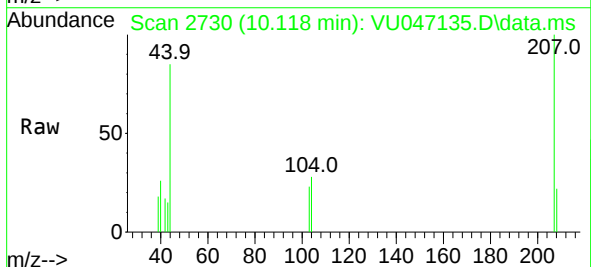


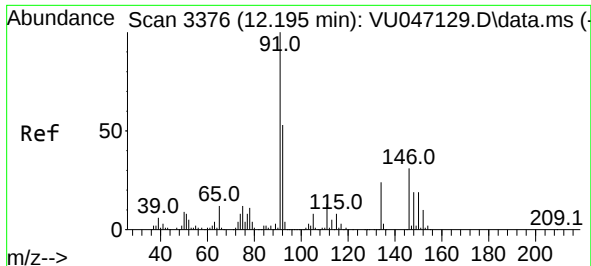
Tgt Ion:106 Resp: 95
Ion Ratio Lower Upper
106 100
91 454.7 165.5 248.3#



#66
Styrene
Concen: 0.005 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU047135.D
Acq: 14 Feb 2022 16:28

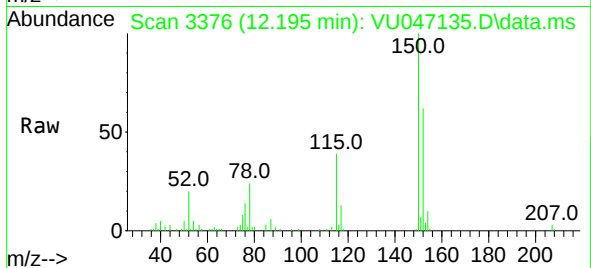
Tgt Ion:104 Resp: 243
Ion Ratio Lower Upper
104 100
78 0.0 42.4 63.6#
103 52.3 44.2 66.4



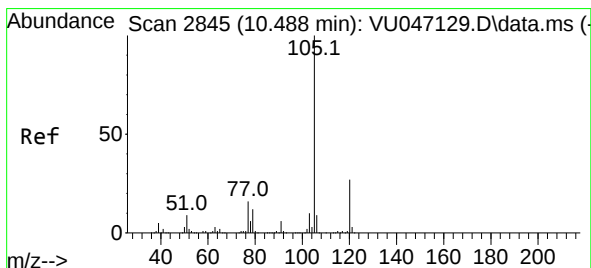
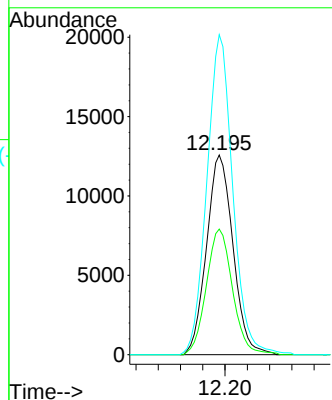
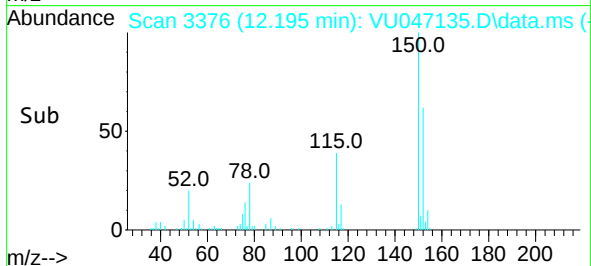


#68
1,2-Dichlorobenzene-d4
Concen: 0.937 ug/l
RT: 12.195 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU047135.D
Acq: 14 Feb 2022 16:28

Instrument :
MSVOA_U
ClientSampleId :

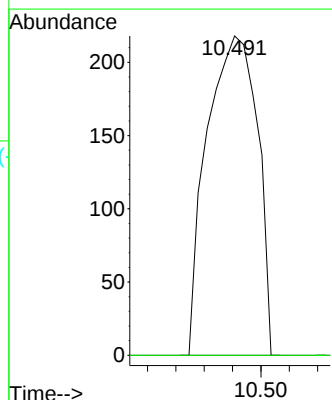
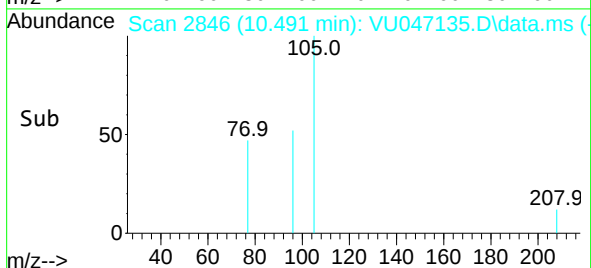
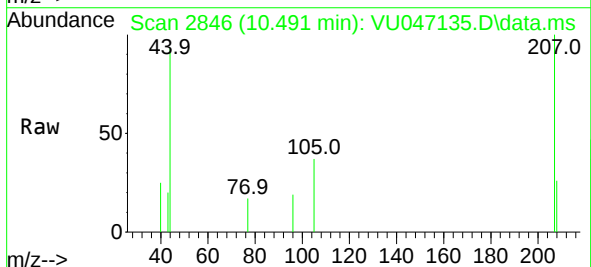


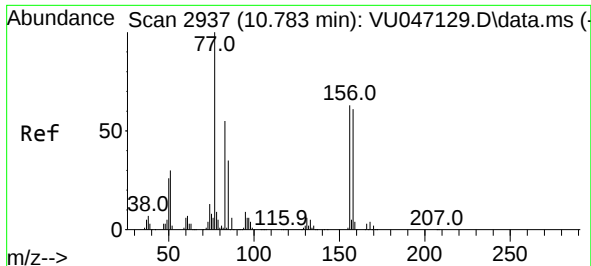
Tgt Ion:152 Resp: 20794
Ion Ratio Lower Upper
152 100
115 62.1 0.0 251.0
150 156.6 0.0 613.8



#69
Isopropylbenzene
Concen: 0.004 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. 0.003 min
Lab File: VU047135.D
Acq: 14 Feb 2022 16:28

Tgt Ion:105 Resp: 269
Ion Ratio Lower Upper
105 100
120 0.0 12.8 38.4#

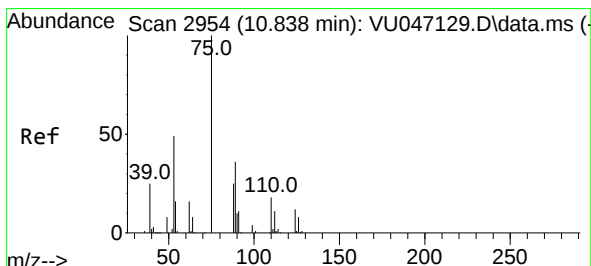
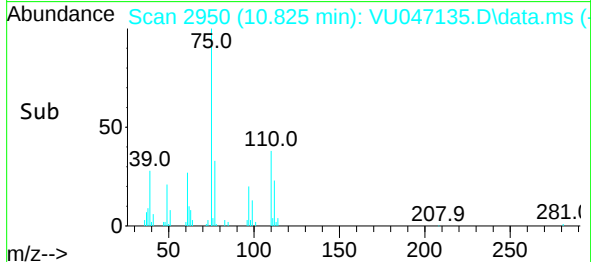
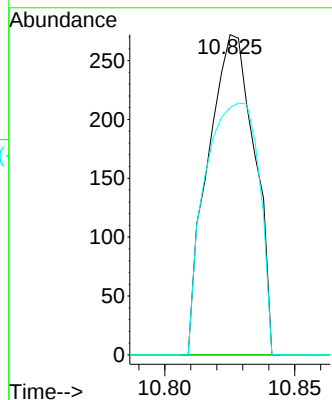
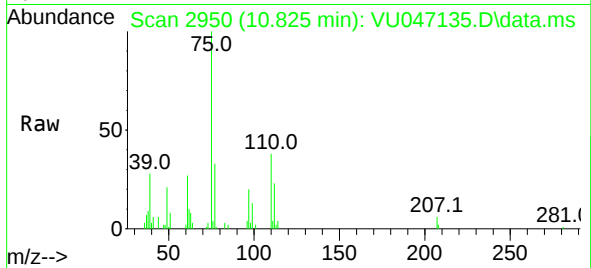




#70
 1,1,2,2-Tetrachloroethane
 Concen: 0.022 ug/l
 RT: 10.825 min Scan# 2950
 Delta R.T. 0.042 min
 Lab File: VU047135.D
 Acq: 14 Feb 2022 16:28

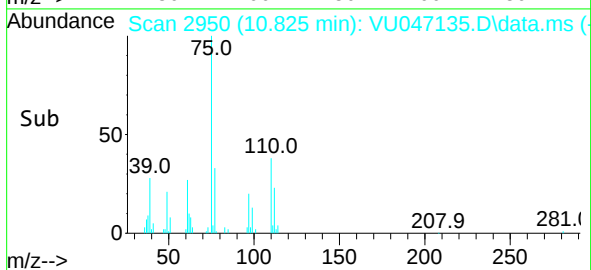
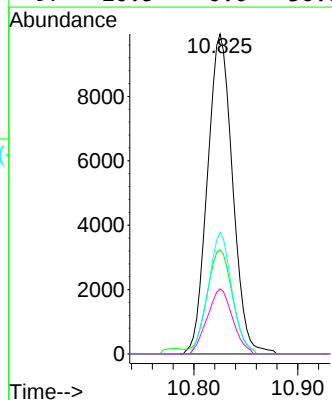
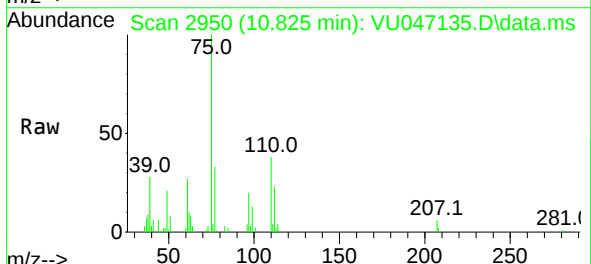
Instrument :
 MSVOA_U
 ClientSampleId :

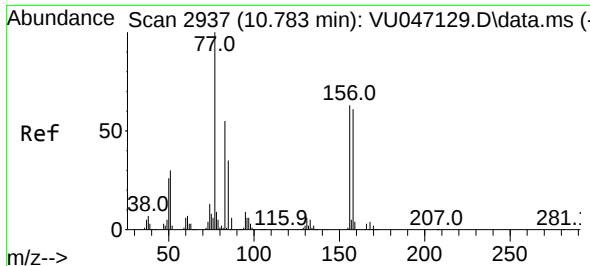
Tgt Ion: 83 Resp: 338
 Ion Ratio Lower Upper
 83 100
 131 0.0 7.6 11.4#
 85 90.5 50.9 76.3#



#71
 1,2,3-Trichloropropane
 Concen: 1.265 ug/l
 RT: 10.825 min Scan# 2950
 Delta R.T. -0.013 min
 Lab File: VU047135.D
 Acq: 14 Feb 2022 16:28

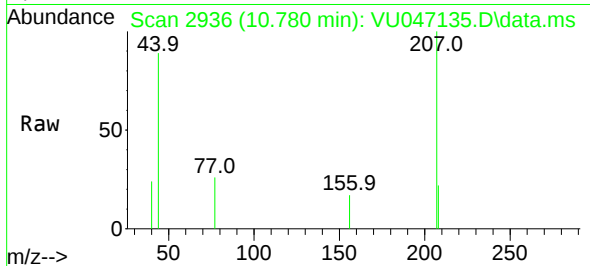
Tgt Ion: 75 Resp: 16645
 Ion Ratio Lower Upper
 75 100
 77 33.6 0.0 105.6
 110 35.4 0.0 71.2
 97 20.5 0.0 36.8



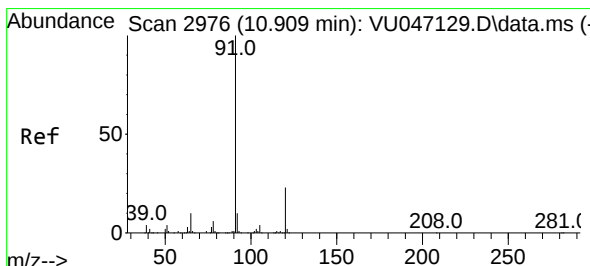
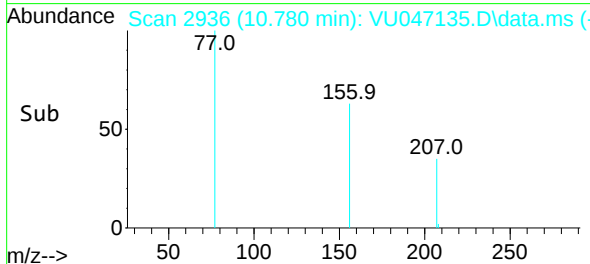
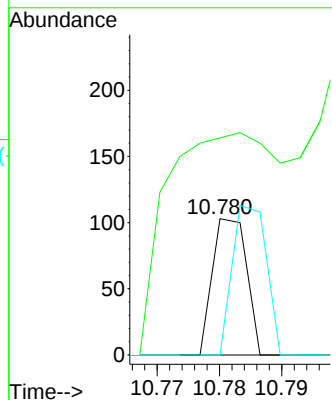


#72
Bromobenzene
Concen: 0.002 ug/l
RT: 10.780 min Scan# 2937
Delta R.T. -0.003 min
Lab File: VU047135.D
Acq: 14 Feb 2022 16:28

Instrument :
MSVOA_U
ClientSampleId :

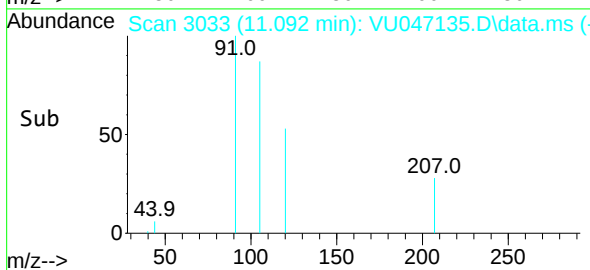
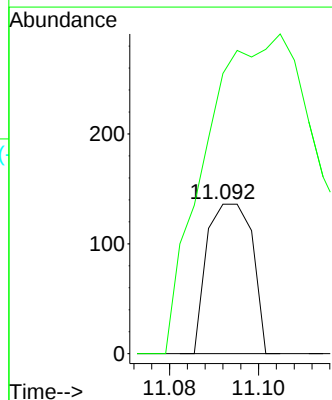
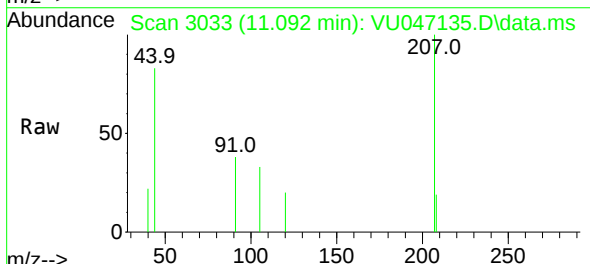


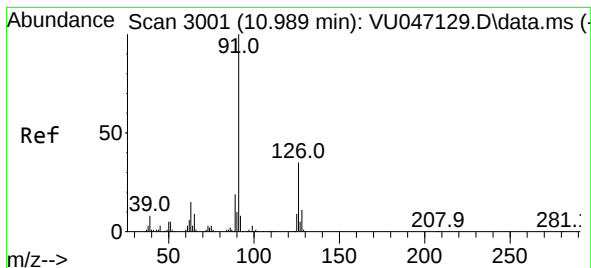
Tgt Ion:156 Resp: 39
Ion Ratio Lower Upper
156 100
77 530.8 0.0 370.6#
158 110.3 0.0 193.4



#73
n-propylbenzene
Concen: 0.005 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.183 min
Lab File: VU047135.D
Acq: 14 Feb 2022 16:28

Tgt Ion:120 Resp: 96
Ion Ratio Lower Upper
120 100
91 541.7 370.7 556.1

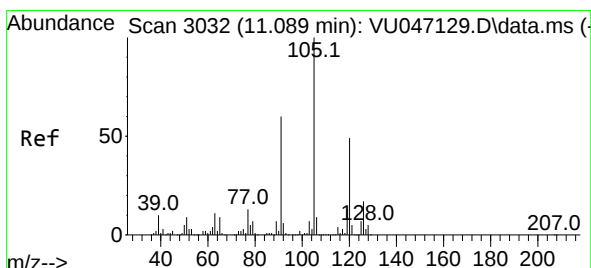
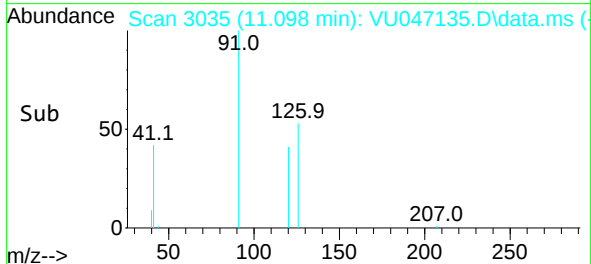
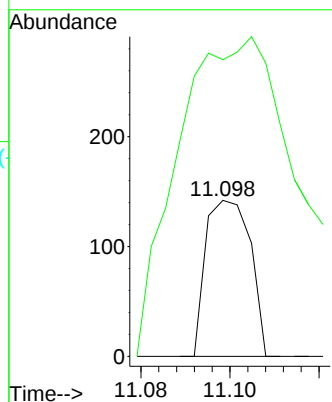
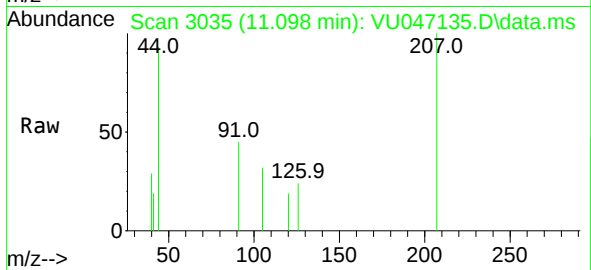




#74
2-Chlorotoluene
Concen: 0.006 ug/l
RT: 11.098 min Scan# 3001
Delta R.T. 0.109 min
Lab File: VU047135.D
Acq: 14 Feb 2022 16:28

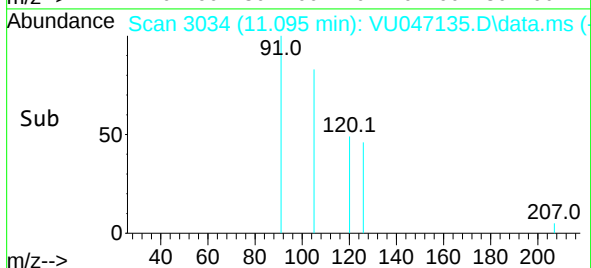
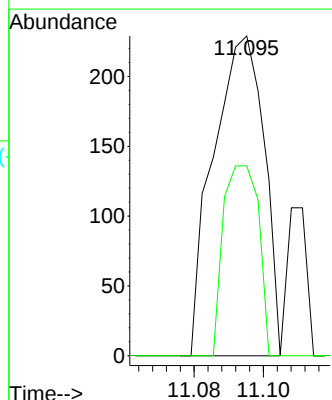
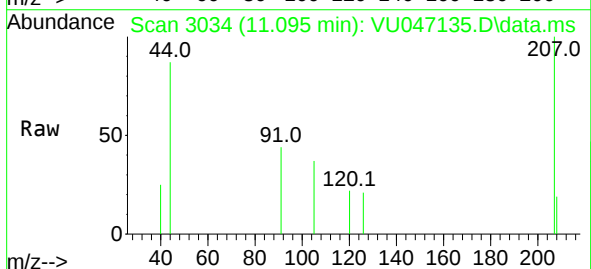
Instrument :
MSVOA_U
ClientSampleId :

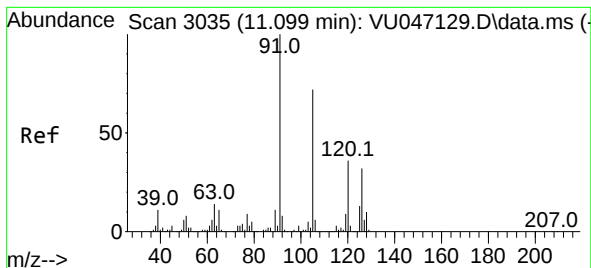
Tgt Ion:126 Resp: 99
Ion Ratio Lower Upper
126 100
91 525.3 0.0 639.6



#75
1,3,5-Trimethylbenzene
Concen: 0.004 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.006 min
Lab File: VU047135.D
Acq: 14 Feb 2022 16:28

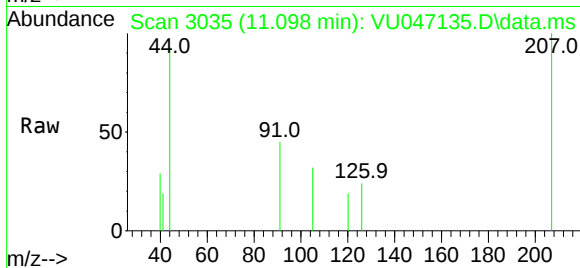
Tgt Ion:105 Resp: 233
Ion Ratio Lower Upper
105 100
120 41.2 38.6 58.0



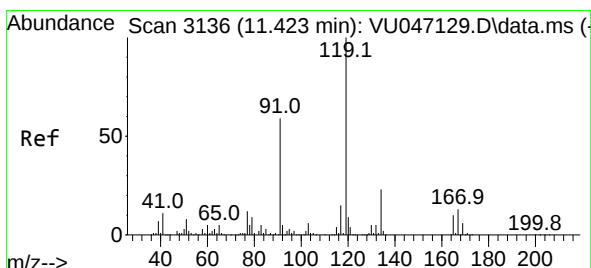
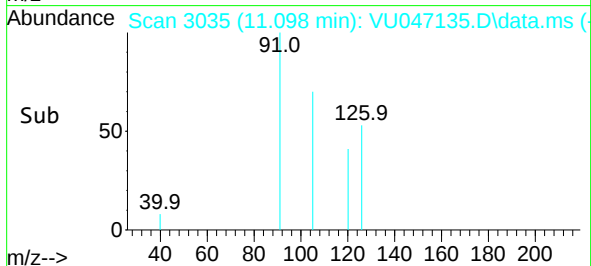
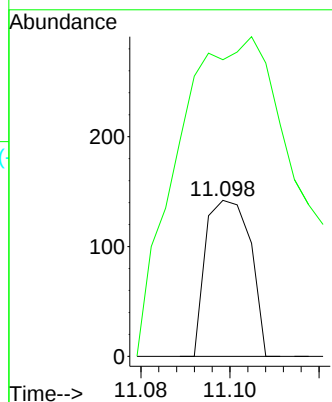


#76
4-Chlorotoluene
Concen: 0.006 ug/l
RT: 11.098 min Scan# 3035
Delta R.T. -0.000 min
Lab File: VU047135.D
Acq: 14 Feb 2022 16:28

Instrument :
MSVOA_U
ClientSampleId :

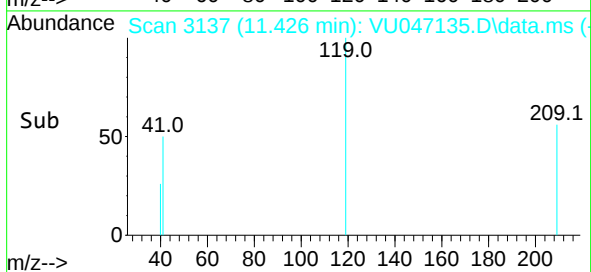
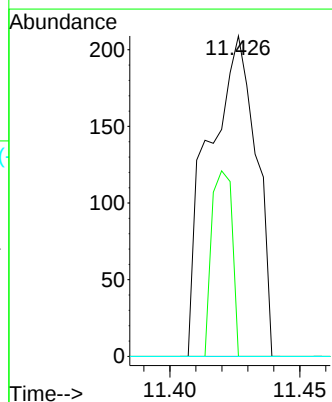
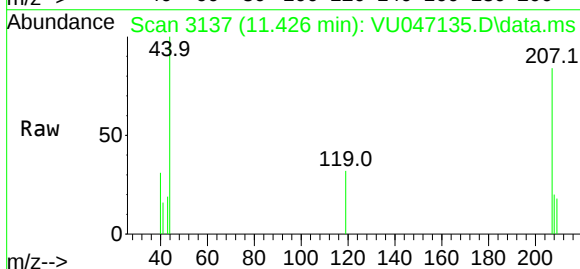


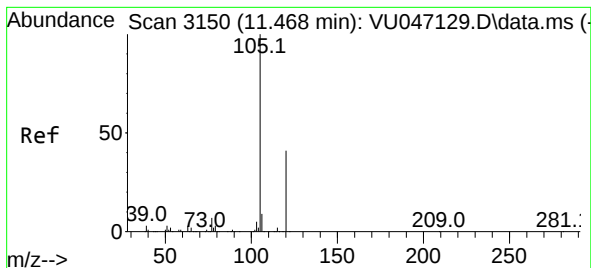
Tgt Ion:126 Resp: 99
Ion Ratio Lower Upper
126 100
91 525.3 0.0 728.0



#77
tert-Butylbenzene
Concen: 0.005 ug/l
RT: 11.426 min Scan# 3137
Delta R.T. 0.003 min
Lab File: VU047135.D
Acq: 14 Feb 2022 16:28

Tgt Ion:119 Resp: 265
Ion Ratio Lower Upper
119 100
91 24.9 31.4 94.3#
134 0.0 18.5 27.7#





#78

1,2,4-Trimethylbenzene

Concen: 0.008 ug/l

RT: 11.471 min Scan# 3151

Delta R.T. 0.003 min

Lab File: VU047135.D

Acq: 14 Feb 2022 16:28

Instrument :

MSVOA_U

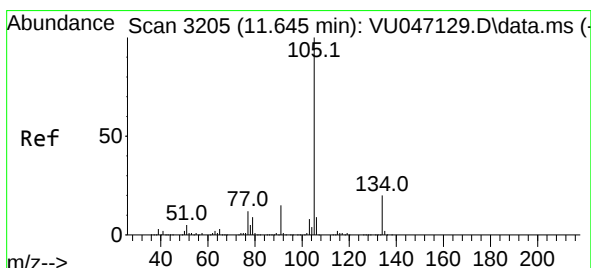
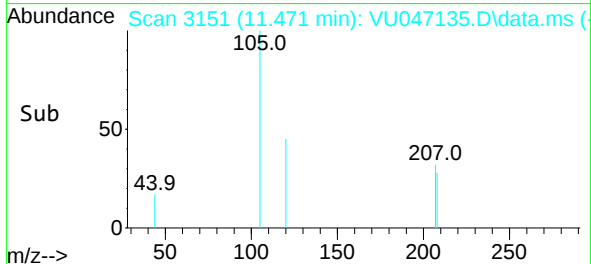
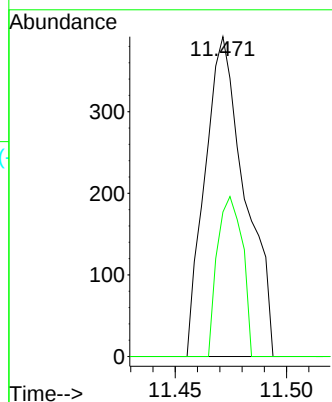
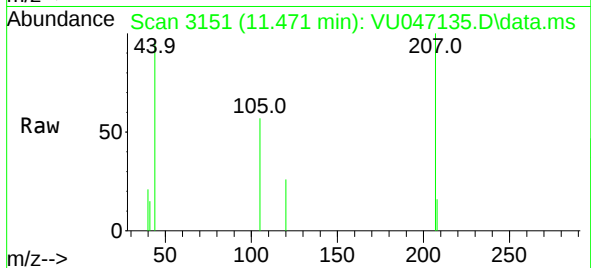
ClientSampleId :

Tgt Ion:105 Resp: 490

Ion Ratio Lower Upper

105 100

120 31.2 22.3 66.8



#79

sec-Butylbenzene

Concen: 0.005 ug/l

RT: 11.645 min Scan# 3205

Delta R.T. -0.000 min

Lab File: VU047135.D

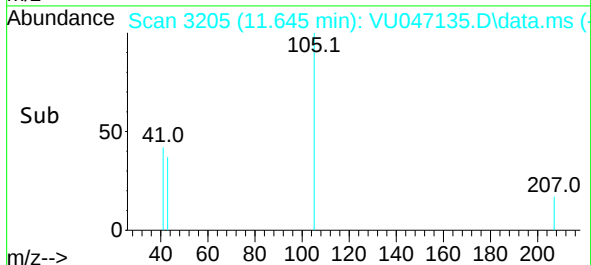
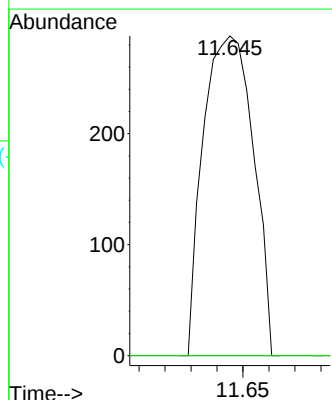
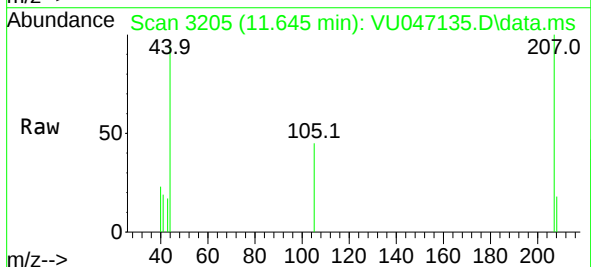
Acq: 14 Feb 2022 16:28

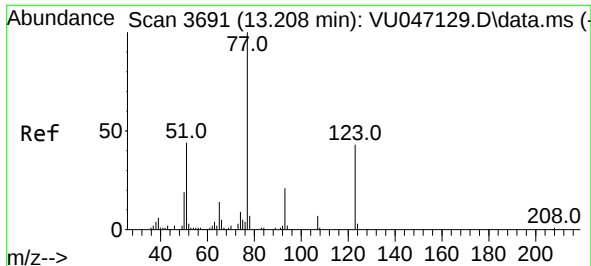
Tgt Ion:105 Resp: 385

Ion Ratio Lower Upper

105 100

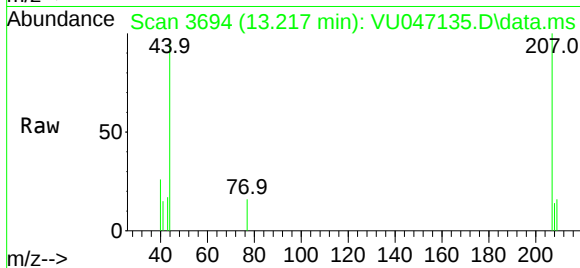
134 0.0 15.4 23.0#



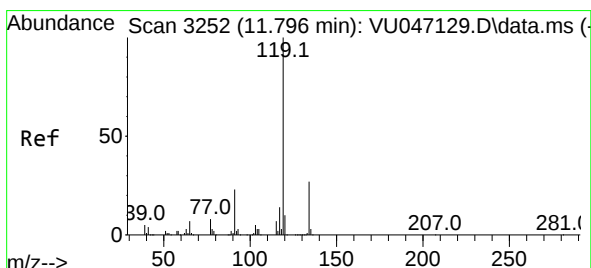
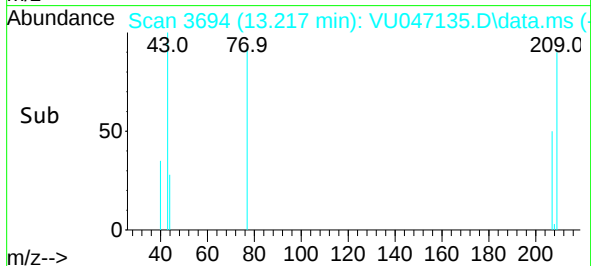
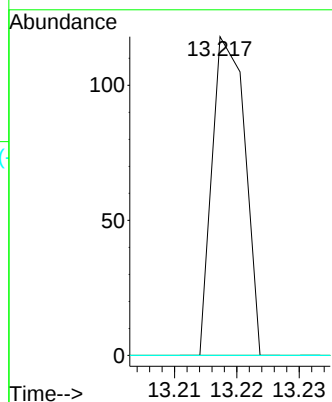


#80
Nitrobenzene
Concen: 0.057 ug/l
RT: 13.217 min Scan# 30
Delta R.T. 0.009 min
Lab File: VU047135.D
Acq: 14 Feb 2022 16:28

Instrument :
MSVOA_U
ClientSampleId :

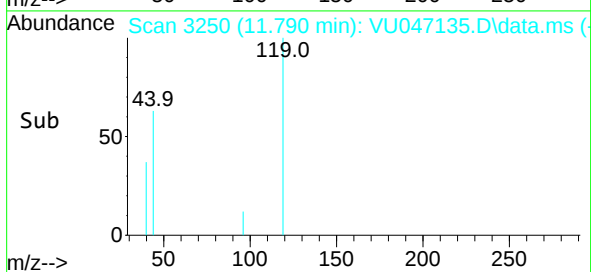
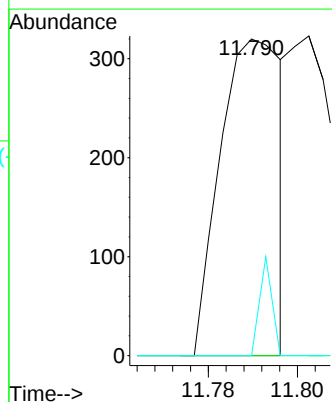
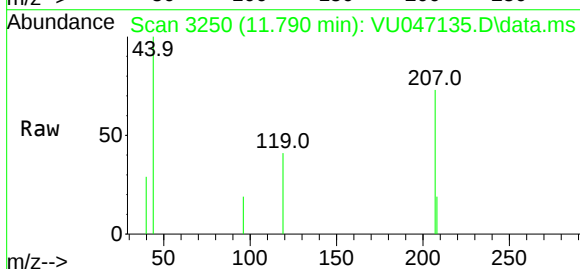


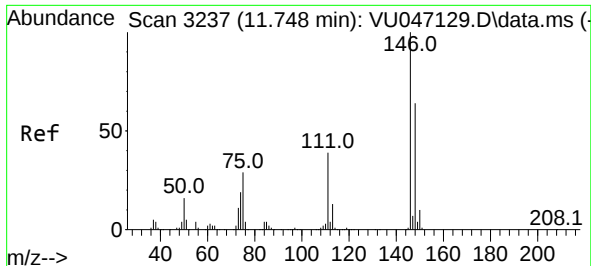
Tgt Ion: 77 Resp: 43
Ion Ratio Lower Upper
77 100
123 0.0 18.2 64.4#
65 0.0 12.0 15.2#



#81
p-Isopropyltoluene
Concen: 0.005 ug/l
RT: 11.790 min Scan# 3250
Delta R.T. -0.007 min
Lab File: VU047135.D
Acq: 14 Feb 2022 16:28

Tgt Ion: 119 Resp: 305
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: 0.014 ug/l

RT: 11.751 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU047135.D

Acq: 14 Feb 2022 16:28

Instrument :

MSVOA_U

ClientSampleId :

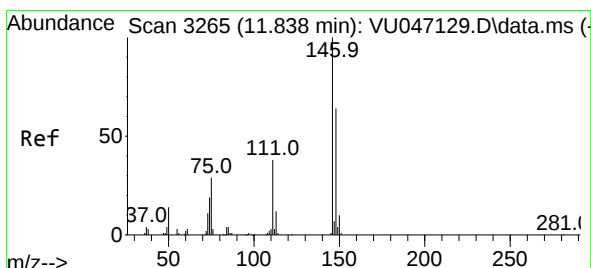
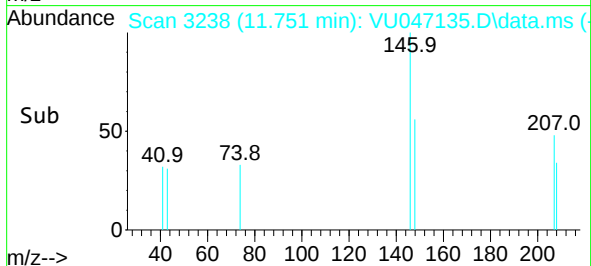
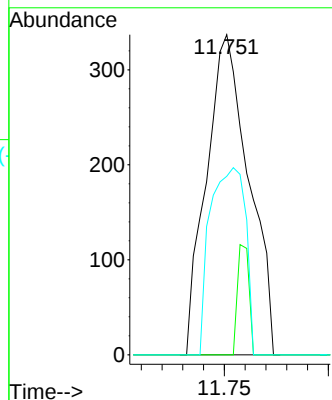
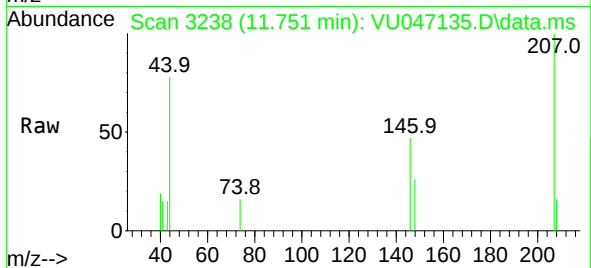
Tgt Ion:146 Resp: 478

Ion Ratio Lower Upper

146 100

111 9.2 33.9 50.9#

148 48.5 50.9 76.3#



#83

1,4-Dichlorobenzene

Concen: 0.013 ug/l

RT: 11.841 min Scan# 3266

Delta R.T. 0.003 min

Lab File: VU047135.D

Acq: 14 Feb 2022 16:28

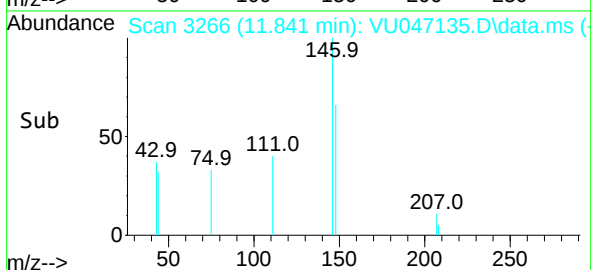
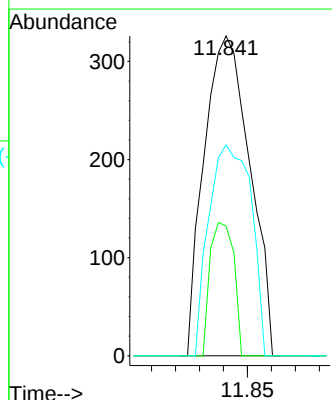
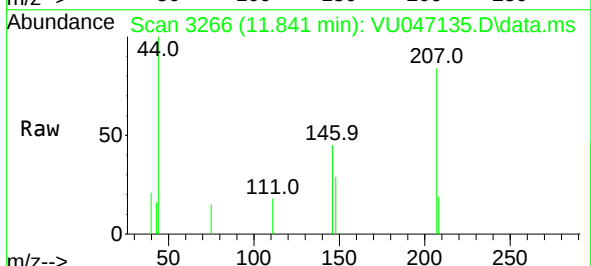
Tgt Ion:146 Resp: 432

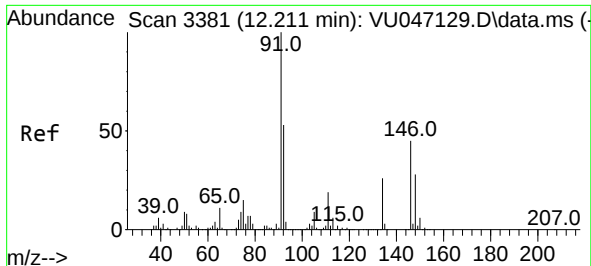
Ion Ratio Lower Upper

146 100

111 21.5 32.7 49.1#

148 60.9 51.4 77.0

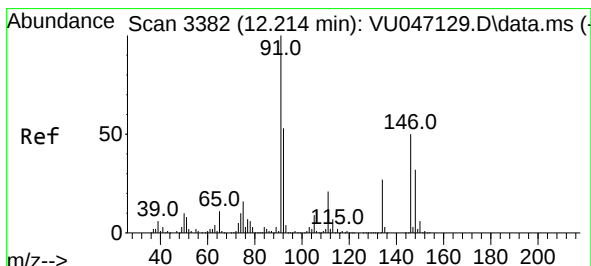
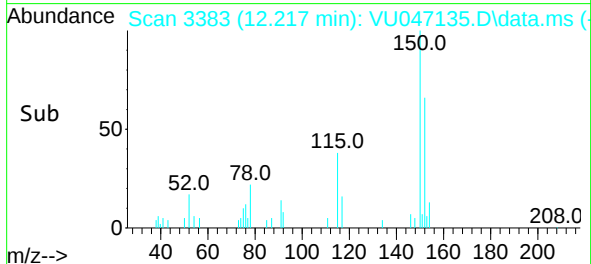
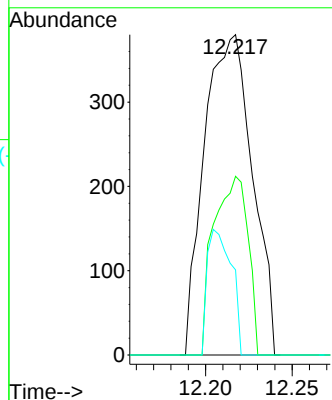
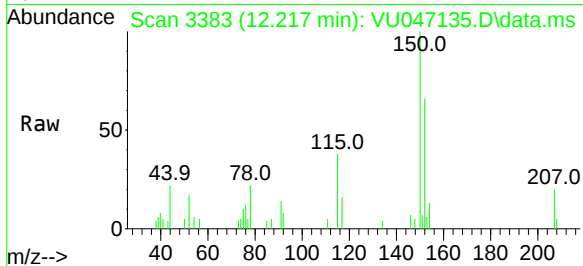




#84
n-Butylbenzene
Concen: 0.012 ug/l
RT: 12.217 min Scan# 3383
Delta R.T. 0.006 min
Lab File: VU047135.D
Acq: 14 Feb 2022 16:28

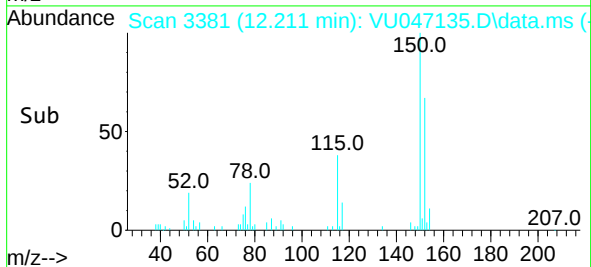
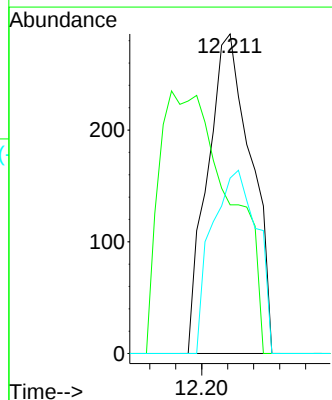
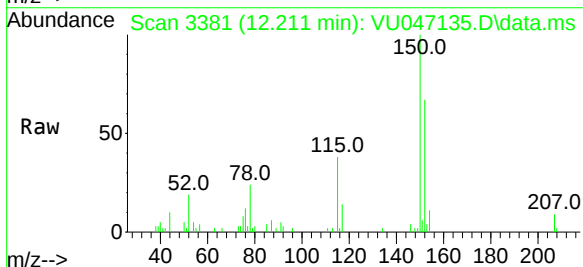
Instrument :
MSVOA_U
ClientSampleId :

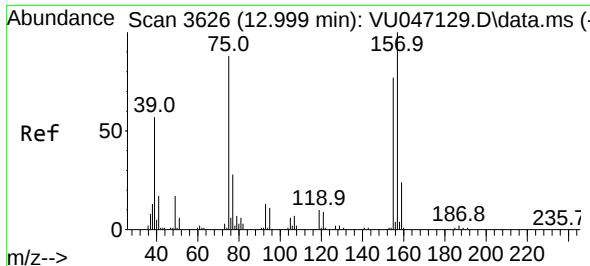
Tgt Ion: 91 Resp: 733
Ion Ratio Lower Upper
91 100
92 39.7 43.5 65.3#
134 19.6 19.0 28.4



#85
1,2-Dichlorobenzene
Concen: 0.010 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. -0.003 min
Lab File: VU047135.D
Acq: 14 Feb 2022 16:28

Tgt Ion:146 Resp: 333
Ion Ratio Lower Upper
146 100
111 132.4 22.1 66.1#
148 59.8 31.6 94.7

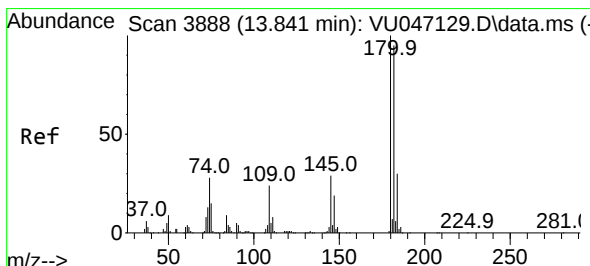
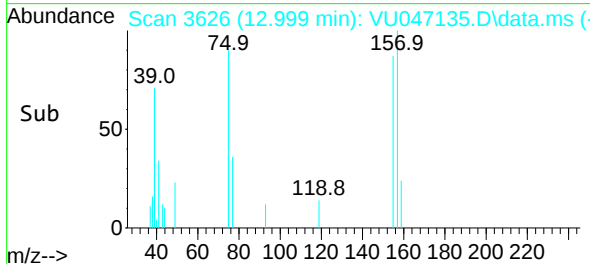
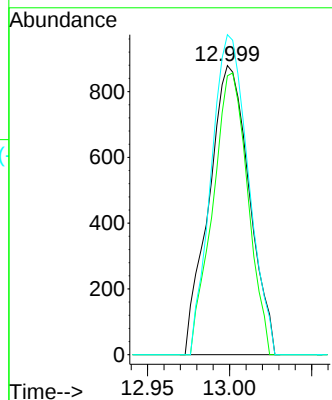
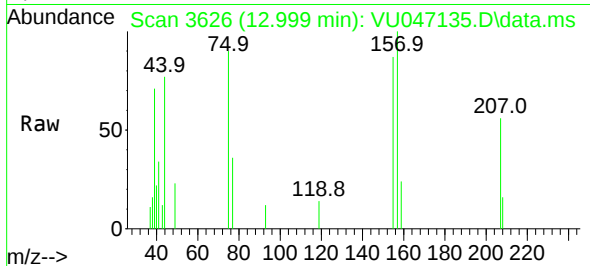




#86
1,2-Dibromo-3-Chloropropane
Concen: 0.526 ug/l
RT: 12.999 min Scan# 30
Delta R.T. -0.000 min
Lab File: VU047135.D
Acq: 14 Feb 2022 16:28

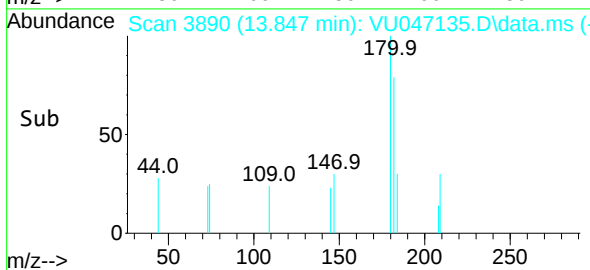
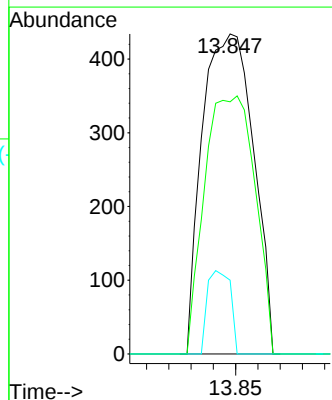
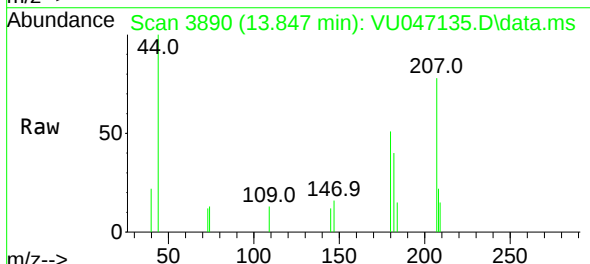
Instrument :
MSVOA_U
ClientSampleId :

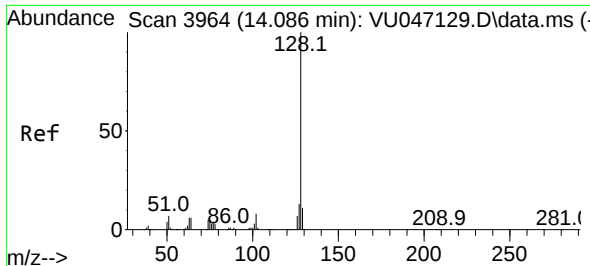
Tgt Ion: 75 Resp: 1504
Ion Ratio Lower Upper
75 100
155 84.4 57.8 86.8
157 102.2 75.1 112.7



#87
1,2,4-Trichlorobenzene
Concen: 0.027 ug/l
RT: 13.847 min Scan# 3890
Delta R.T. 0.006 min
Lab File: VU047135.D
Acq: 14 Feb 2022 16:28

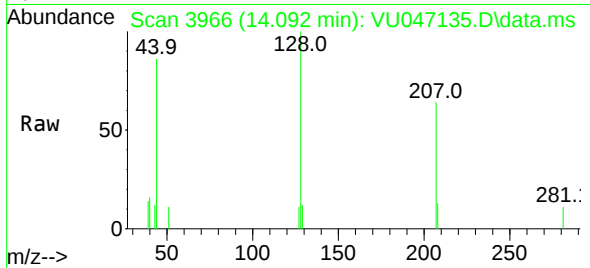
Tgt Ion:180 Resp: 692
Ion Ratio Lower Upper
180 100
182 79.3 75.8 113.8
145 11.7 25.3 37.9#



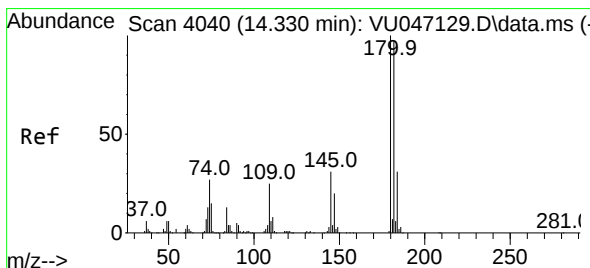
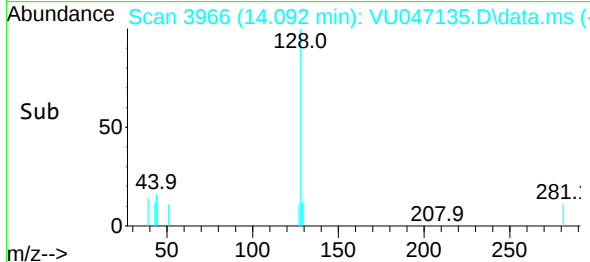
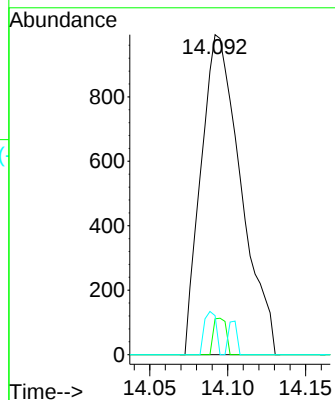


#89
Naphthalene
Concen: 0.034 ug/l
RT: 14.092 min Scan# 3964
Delta R.T. 0.006 min
Lab File: VU047135.D
Acq: 14 Feb 2022 16:28

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 1758
Ion Ratio Lower Upper
128 100
127 3.6 10.6 16.0#
129 4.0 8.6 13.0#



#90
1,2,3-Trichlorobenzene
Concen: 0.028 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU047135.D
Acq: 14 Feb 2022 16:28

Tgt Ion:180 Resp: 634
Ion Ratio Lower Upper
180 100
182 96.5 75.4 113.0
145 21.9 27.0 40.4#

