

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021422\
 Data File : VU047132.D
 Acq On : 14 Feb 2022 14:39
 Operator : SY/MD
 Sample : VU0214WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 15 03:48:49 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	56250	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.635	95	19965	0.916	ug/l	0.00
Spiked Amount 1.000			Recovery	=	92.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	20399	0.899	ug/l	0.00
Spiked Amount 1.000			Recovery	=	90.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.526	50	371	0.019	ug/l	# 42
4) Vinyl Chloride	1.607	62	19	0.001	ug/l	# 42
9) 1,1-Dichloroethene	2.591	96	203	0.015	ug/l	1
11) Allyl Chloride	3.070	41	39	0.002	ug/l	84
12) Acrylonitrile	3.321	53	194	0.050	ug/l	# 47
13) Acetone	2.649	43	247	Below Cal	#	41
14) Carbon Disulfide	2.796	76	1050	0.023	ug/l	# 95
15) Methylene Chloride	3.051	84	1818	0.122	ug/l	96
16) trans-1,2-Dichloroethene	3.350	96	65	0.005	ug/l	# 67
18) 2-Butanone	4.703	43	128	0.033	ug/l	77
19) Cyclohexane	5.382	56	60	0.003	ug/l	# 16
20) Methylcyclohexane	6.771	83	64	0.002	ug/l	# 1
22) cis-1,2-Dichloroethene	4.661	96	70	0.004	ug/l	# 5
25) Methyl tert-Butyl Ether	3.259	73	376	0.010	ug/l	100
27) Chloroform	5.095	83	1551	0.059	ug/l	92
31) Isopropyl Ether	3.800	45	42	0.001	ug/l	# 56
33) Tert-Amyl methyl ether	5.928	73	19	0.000	ug/l	# 58
35) Benzene	5.777	78	113	0.002	ug/l	# 51
39) Methacrylonitrile	4.993	41	111	0.021	ug/l	# 1
40) Methyl acrylate	4.841	55	19	0.002	ug/l	# 70
41) Tetrahydrofuran	5.066	42	577	0.214	ug/l	# 34
42) 1-Chlorobutane	5.382	56	60	0.002	ug/l	# 1
44) Bromodichloromethane	7.105	83	176	0.009	ug/l	# 98
45) 4-Methyl-2-Pentanone	7.800	43	1070	0.096	ug/l	# 53
46) t-1,4-Dichloro-2-butene	10.635	75	9942	2.042	ug/l	# 22
48) Ethyl methacrylate	8.349	69	40	0.002	ug/l	# 1
49) Toluene	7.976	92	65	0.002	ug/l	# 1
50) t-1,3-Dichloropropene	8.214	75	66	0.003	ug/l	# 43
54) 2-Hexanone	8.700	43	893	0.107	ug/l	# 59
58) Tetrachloroethene	8.562	164	97	0.007	ug/l	# 1
59) Chlorobenzene	9.452	112	328	0.008	ug/l	# 43
63) Ethyl Benzene	9.571	91	636	0.009	ug/l	100
64) m/p-Xylenes	9.693	106	332	0.012	ug/l	# 66
65) o-Xylene	10.105	106	92	0.003	ug/l	95
66) Styrene	10.124	104	423	0.009	ug/l	# 88
69) Isopropylbenzene	10.481	105	473	0.007	ug/l	# 67
70) 1,1,2,2-Tetrachloroethane	10.787	83	88	0.006	ug/l	# 26
71) 1,2,3-Trichloropropane	10.635	75	9942	0.739	ug/l	# 39
72) Bromobenzene	10.780	156	63	0.004	ug/l	# 1
73) n-propylbenzene	10.905	120	181	0.009	ug/l	73
74) 2-Chlorotoluene	10.989	126	110	0.006	ug/l	5
75) 1,3,5-Trimethylbenzene	11.089	105	701	0.012	ug/l	# 77
76) 4-Chlorotoluene	10.989	126	110	0.006	ug/l	33

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021422\
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 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

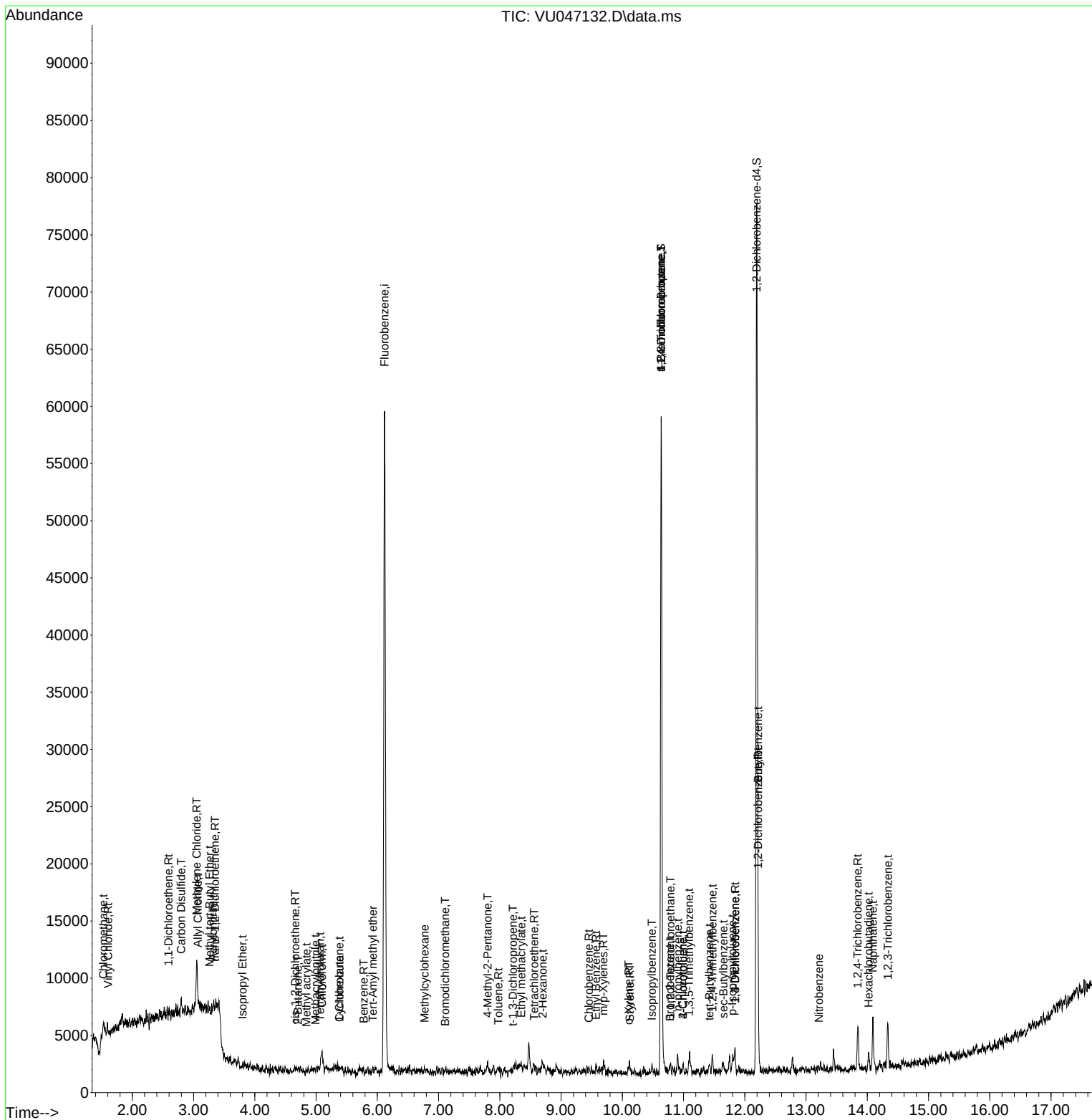
Quant Time: Feb 15 03:48:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021422DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 15 03:17:28 2022
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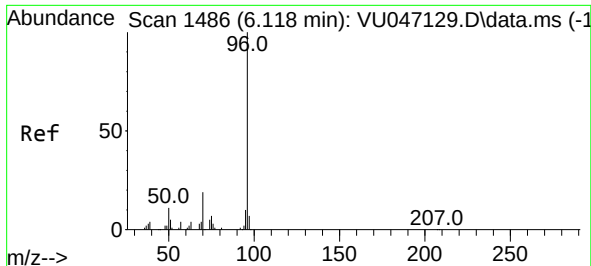
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

77) tert-Butylbenzene	11.420	119	543	0.009	ug/l #	84
78) 1,2,4-Trimethylbenzene	11.471	105	1038	0.017	ug/l	76
79) sec-Butylbenzene	11.651	105	918	0.012	ug/l	99
80) Nitrobenzene	13.211	77	66	0.086	ug/l #	42
81) p-Isopropyltoluene	11.796	119	903	0.013	ug/l #	80
82) 1,3-Dichlorobenzene	11.841	146	928	0.027	ug/l	90
83) 1,4-Dichlorobenzene	11.841	146	928	0.027	ug/l	91
84) n-Butylbenzene	12.214	91	1734	0.027	ug/l #	78
85) 1,2-Dichlorobenzene	12.217	146	693	0.021	ug/l	92
87) 1,2,4-Trichlorobenzene	13.841	180	1504	0.058	ug/l	89
88) Hexachlorobutadiene	14.021	225	410	0.031	ug/l #	78
89) Naphthalene	14.092	128	3916	0.073	ug/l	98
90) 1,2,3-Trichlorobenzene	14.336	180	1563	0.067	ug/l	95

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

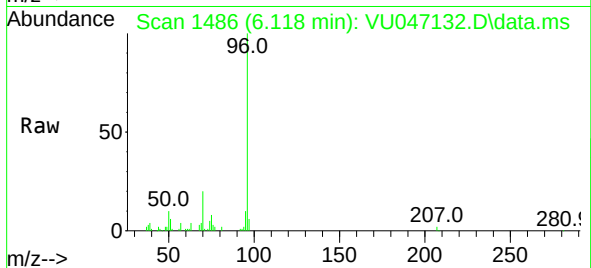
Quant Time: Feb 15 03:48:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021422DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Feb 15 03:17:28 2022
Response via : Initial Calibration



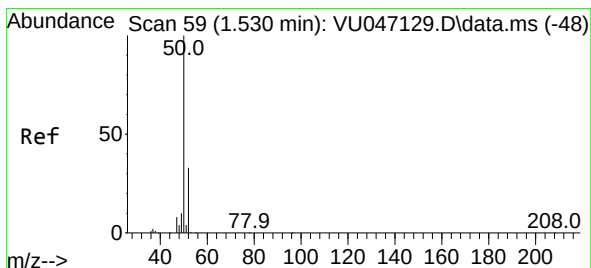
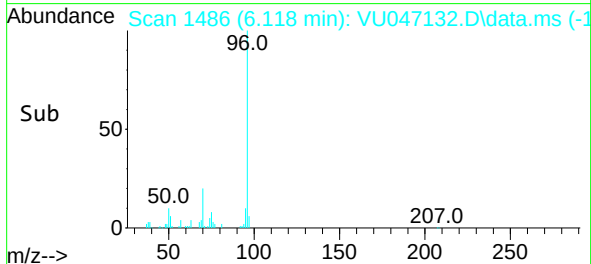
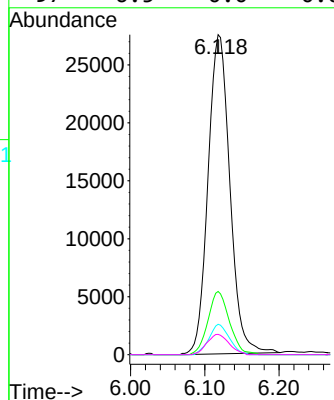


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.118 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VU047132.D
Acq: 14 Feb 2022 14:39

Instrument :
MSVOA_U
ClientSampleId :

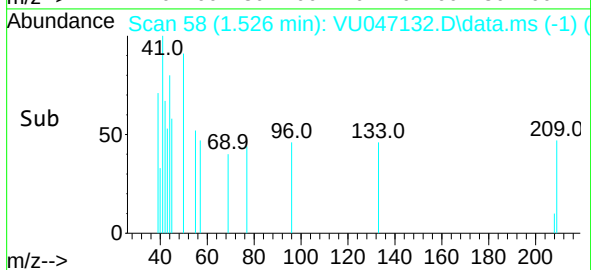
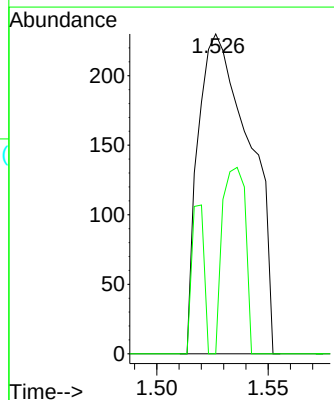
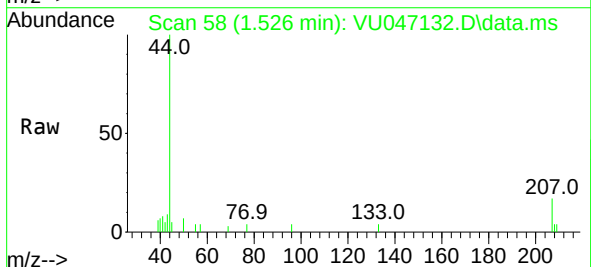


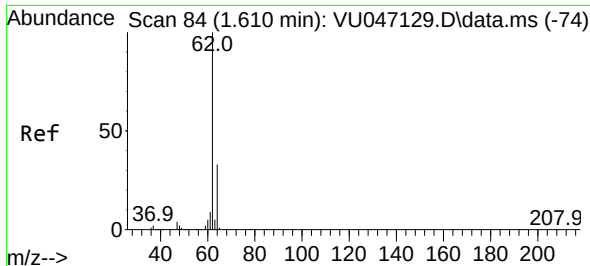
Tgt Ion: 96 Resp: 56250
Ion Ratio Lower Upper
96 100
70 19.4 16.8 25.2
95 8.9 7.3 10.9
97 6.5 0.0 0.0#



#3
Chloromethane
Concen: 0.019 ug/l
RT: 1.526 min Scan# 58
Delta R.T. -0.003 min
Lab File: VU047132.D
Acq: 14 Feb 2022 14:39

Tgt Ion: 50 Resp: 371
Ion Ratio Lower Upper
50 100
52 0.0 26.2 39.4#

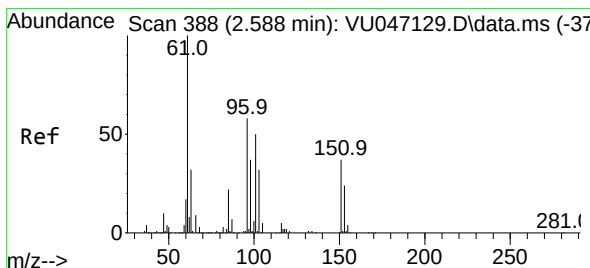
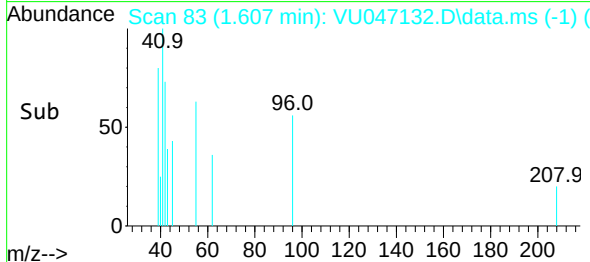
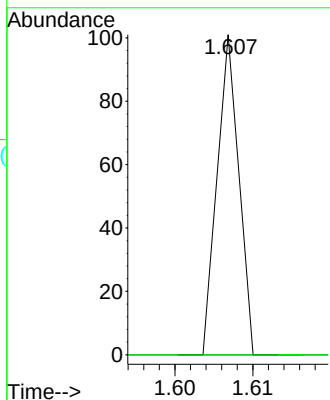
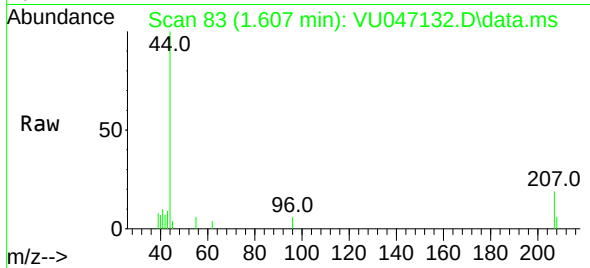




#4
 Vinyl Chloride
 Concen: 0.001 ug/l
 RT: 1.607 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU047132.D
 Acq: 14 Feb 2022 14:39

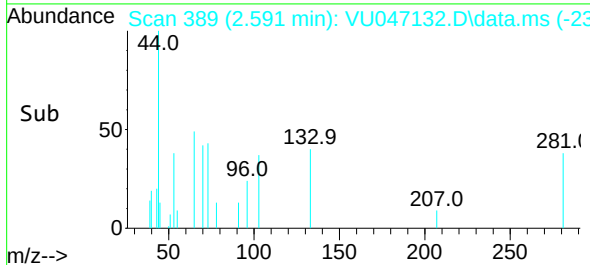
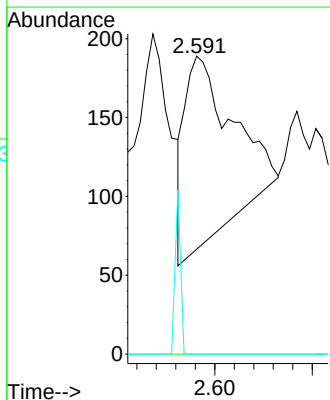
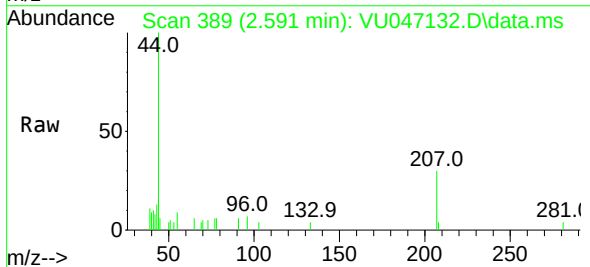
Instrument :
 MSVOA_U
 ClientSampleId :

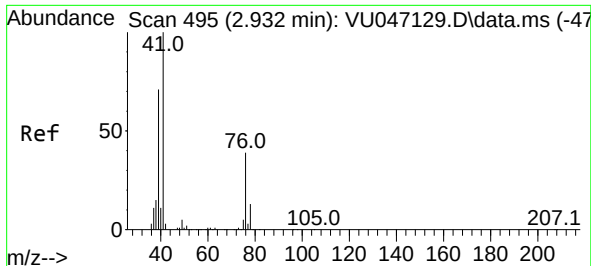
Tgt Ion: 62 Resp: 19
 Ion Ratio Lower Upper
 62 100
 64 0.0 26.0 39.0#



#9
 1,1-Dichloroethene
 Concen: 0.015 ug/l
 RT: 2.591 min Scan# 389
 Delta R.T. 0.003 min
 Lab File: VU047132.D
 Acq: 14 Feb 2022 14:39

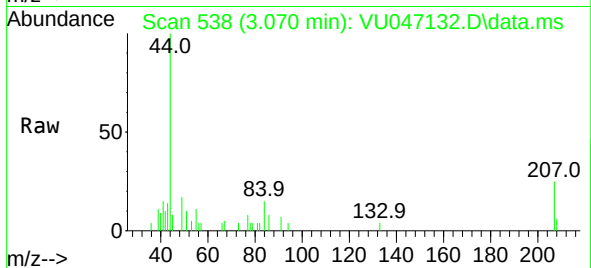
Tgt Ion: 96 Resp: 203
 Ion Ratio Lower Upper
 96 100
 61 0.0 0.0 514.2
 98 0.0 0.0 126.4



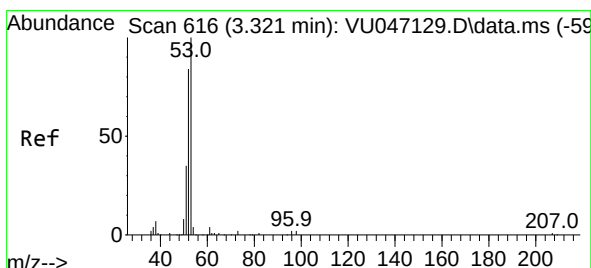
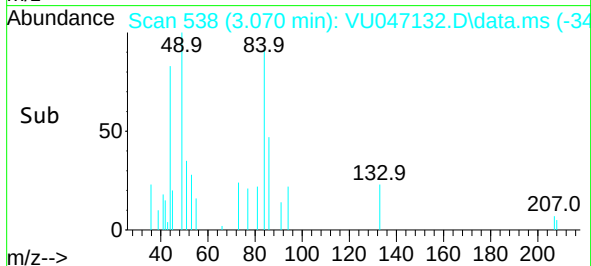
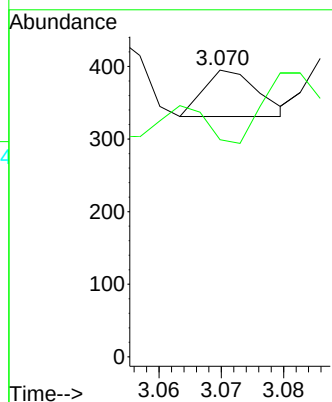


#11
 Allyl Chloride
 Concen: 0.002 ug/l
 RT: 3.070 min Scan# 51
 Delta R.T. 0.138 min
 Lab File: VU047132.D
 Acq: 14 Feb 2022 14:39

Instrument :
 MSVOA_U
 ClientSampleId :

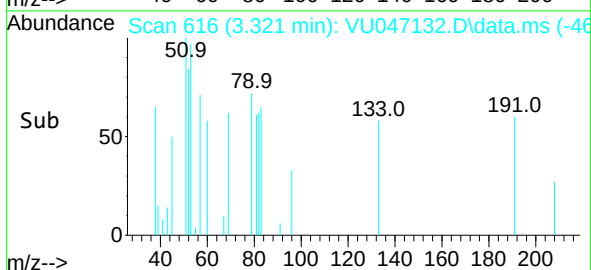
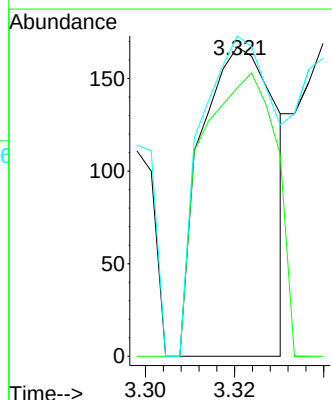
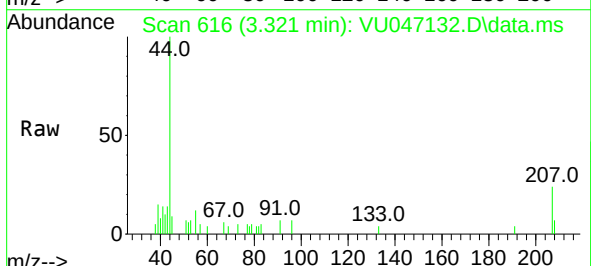


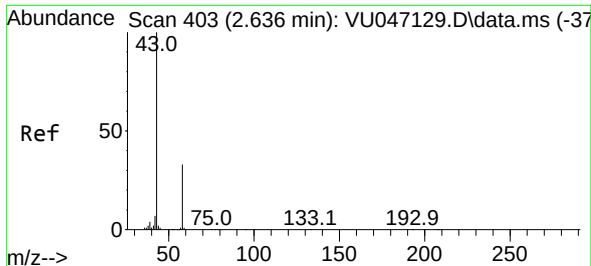
Tgt Ion: 41 Resp: 39
 Ion Ratio Lower Upper
 41 100
 39 64.1 62.4 93.6



#12
 Acrylonitrile
 Concen: 0.050 ug/l
 RT: 3.321 min Scan# 616
 Delta R.T. -0.000 min
 Lab File: VU047132.D
 Acq: 14 Feb 2022 14:39

Tgt Ion: 53 Resp: 194
 Ion Ratio Lower Upper
 53 100
 52 91.2 56.7 85.1#
 51 101.5 30.3 45.5#





#13

Acetone

Concen: Below Cal

RT: 2.649 min Scan# 407

Delta R.T. 0.013 min

Lab File: VU047132.D

Acq: 14 Feb 2022 14:39

Instrument :

MSVOA_U

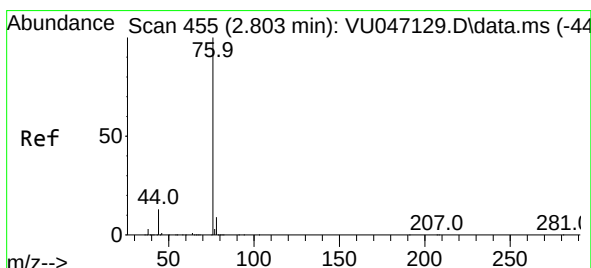
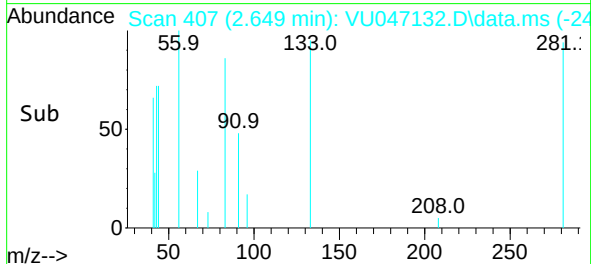
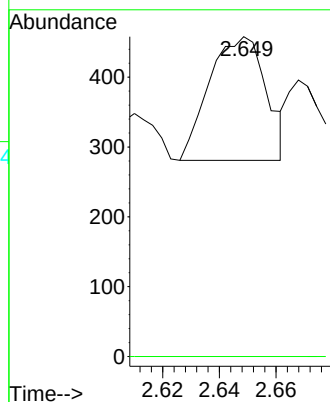
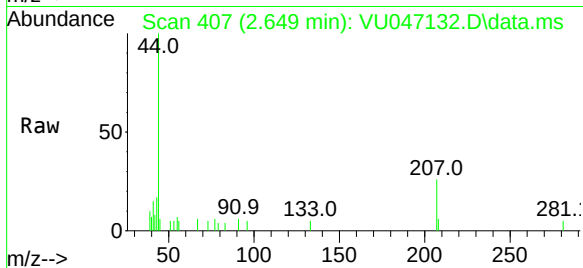
ClientSampleId :

Tgt Ion: 43 Resp: 247

Ion Ratio Lower Upper

43 100

58 0.0 27.1 40.7#



#14

Carbon Disulfide

Concen: 0.023 ug/l

RT: 2.796 min Scan# 453

Delta R.T. -0.007 min

Lab File: VU047132.D

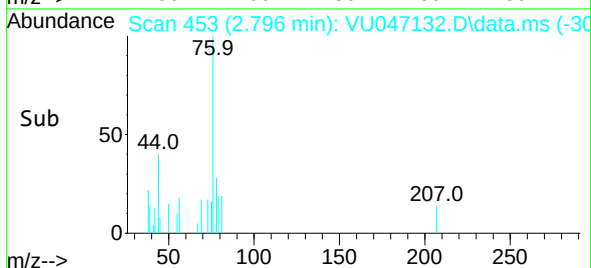
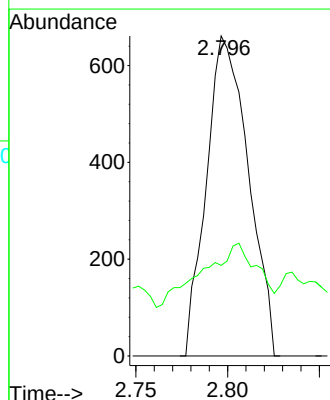
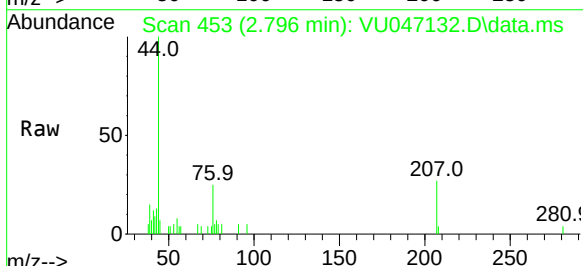
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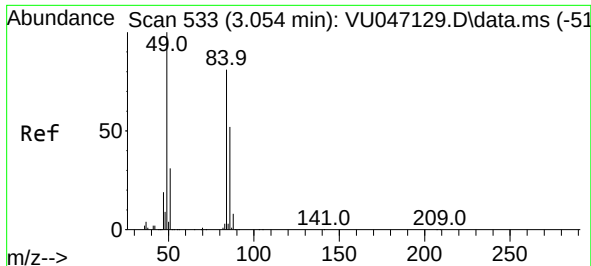
Tgt Ion: 76 Resp: 1050

Ion Ratio Lower Upper

76 100

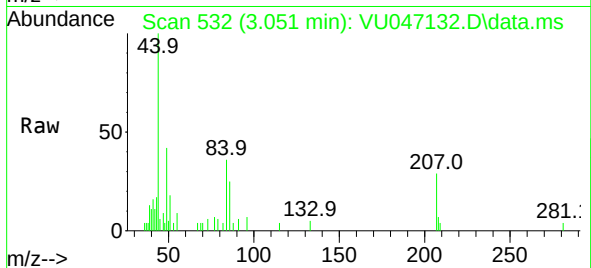
78 7.0 7.1 10.7#



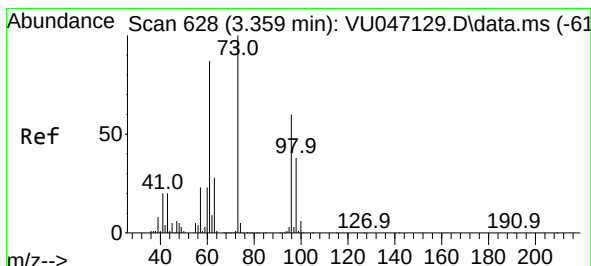
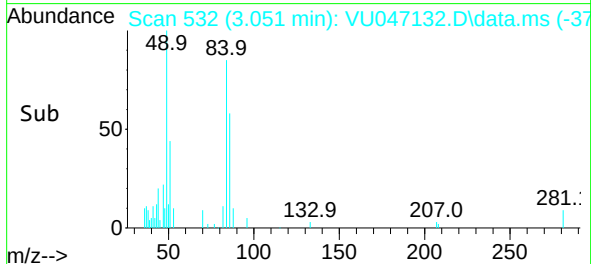
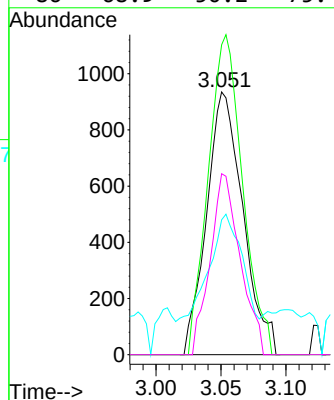


#15
Methylene Chloride
Concen: 0.122 ug/l
RT: 3.051 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU047132.D
Acq: 14 Feb 2022 14:39

Instrument :
MSVOA_U
ClientSampleId :

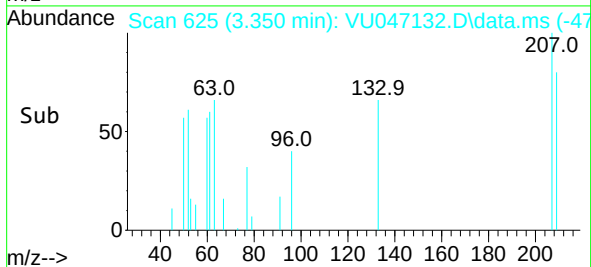
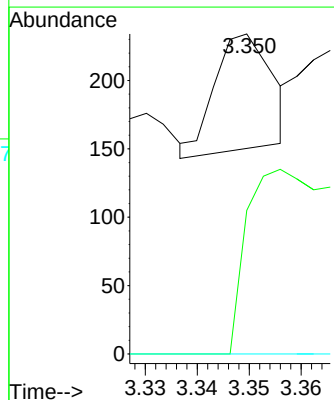
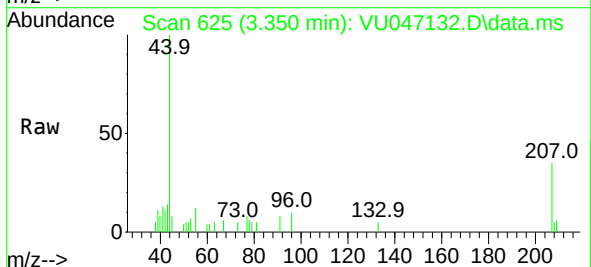


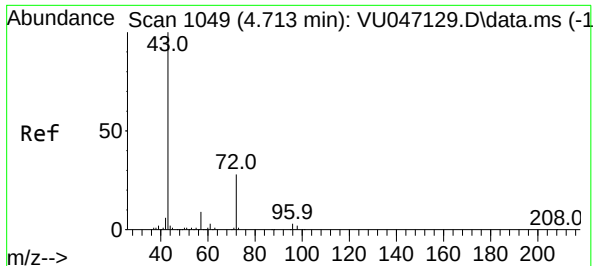
Tgt Ion:	84	Resp:	1818
Ion	Ratio	Lower	Upper
84	100		
49	118.0	97.2	145.8
51	37.4	0.0	73.4
86	68.9	50.2	75.4



#16
trans-1,2-Dichloroethene
Concen: 0.005 ug/l
RT: 3.350 min Scan# 625
Delta R.T. -0.010 min
Lab File: VU047132.D
Acq: 14 Feb 2022 14:39

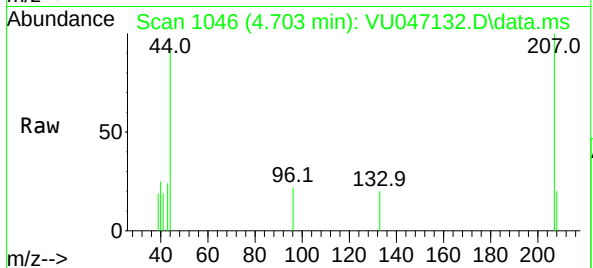
Tgt Ion:	96	Resp:	65
Ion	Ratio	Lower	Upper
96	100		
61	131.3	115.8	173.6
98	0.0	51.1	76.7#



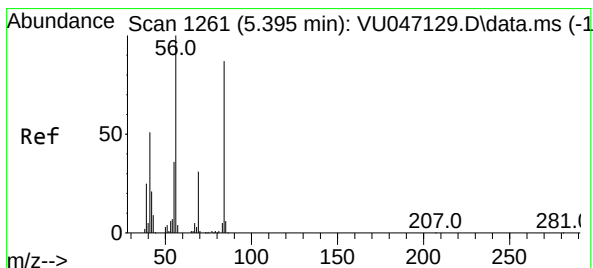
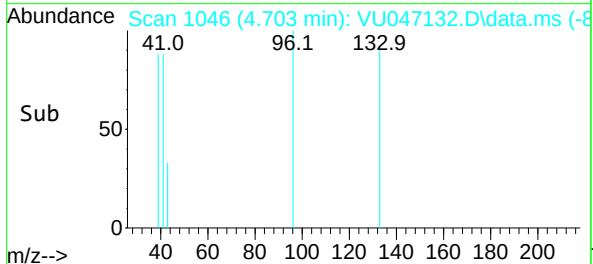
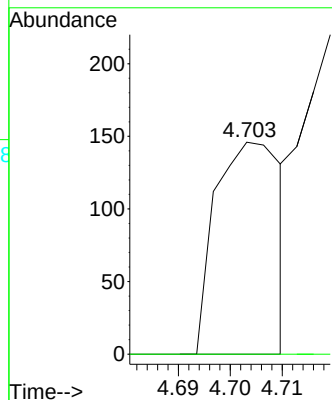


#18
2-Butanone
Concen: 0.033 ug/l
RT: 4.703 min Scan# 11
Delta R.T. -0.010 min
Lab File: VU047132.D
Acq: 14 Feb 2022 14:39

Instrument :
MSVOA_U
ClientSampleId :

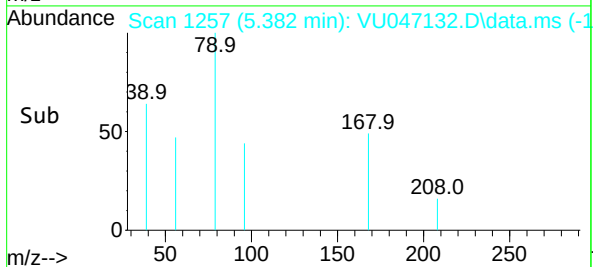
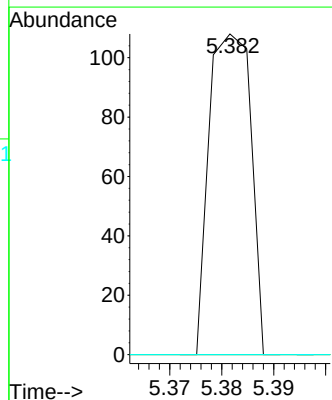
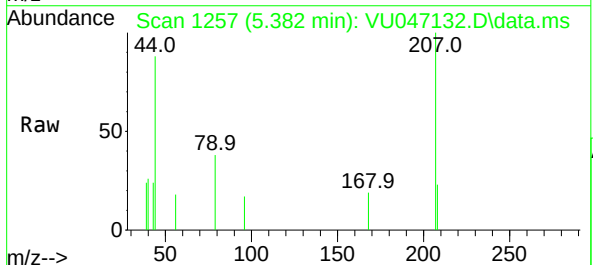


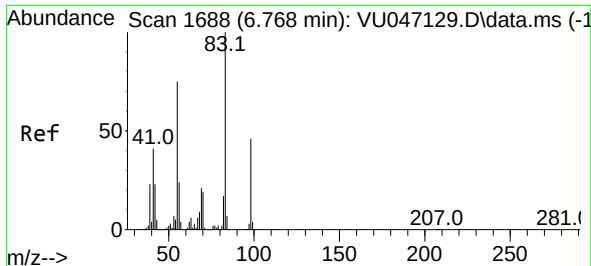
Tgt Ion: 43 Resp: 128
Ion Ratio Lower Upper
43 100
57 0.0 0.0 16.6



#19
Cyclohexane
Concen: 0.003 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.013 min
Lab File: VU047132.D
Acq: 14 Feb 2022 14:39

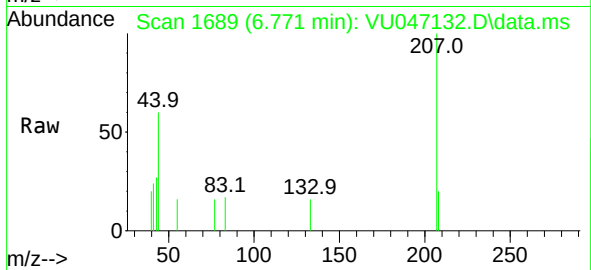
Tgt Ion: 56 Resp: 60
Ion Ratio Lower Upper
56 100
69 0.0 24.7 37.1#
84 0.0 68.8 103.2#



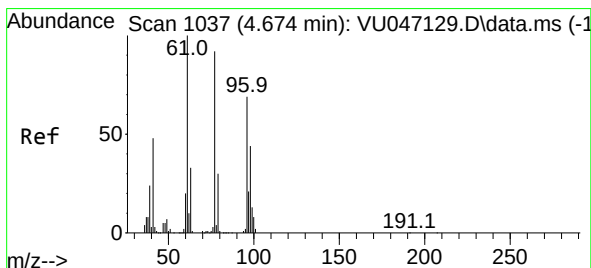
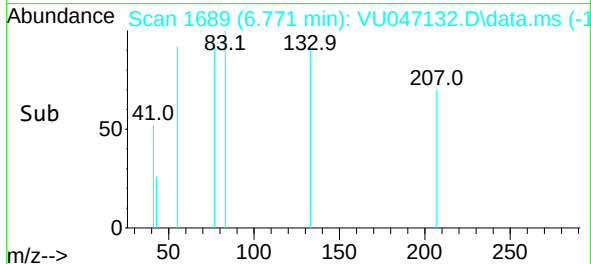
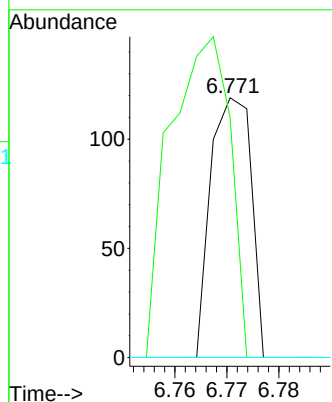


#20
Methylcyclohexane
Concen: 0.002 ug/l
RT: 6.771 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU047132.D
Acq: 14 Feb 2022 14:39

Instrument :
MSVOA_U
ClientSampleId :

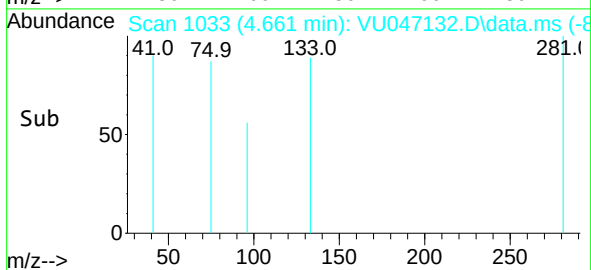
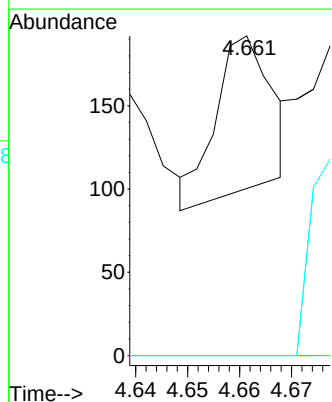
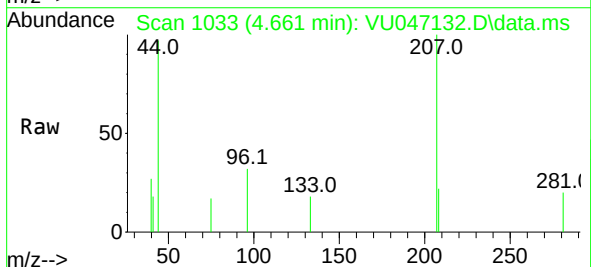


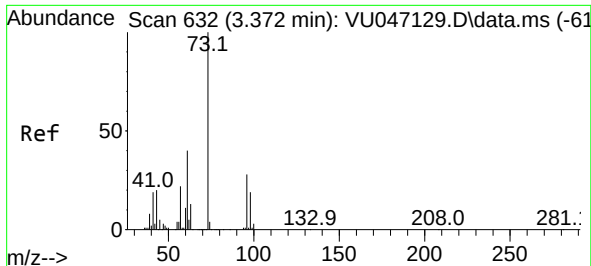
Tgt Ion: 83 Resp: 64
Ion Ratio Lower Upper
83 100
55 184.4 61.9 92.9#
98 0.0 37.4 56.2#



#22
cis-1,2-Dichloroethene
Concen: 0.004 ug/l
RT: 4.661 min Scan# 1033
Delta R.T. -0.013 min
Lab File: VU047132.D
Acq: 14 Feb 2022 14:39

Tgt Ion: 96 Resp: 70
Ion Ratio Lower Upper
96 100
61 0.0 0.0 385.3
98 92.9 32.1 96.3





#25

Methyl tert-Butyl Ether

Concen: 0.010 ug/l

RT: 3.259 min Scan# 597

Delta R.T. -0.113 min

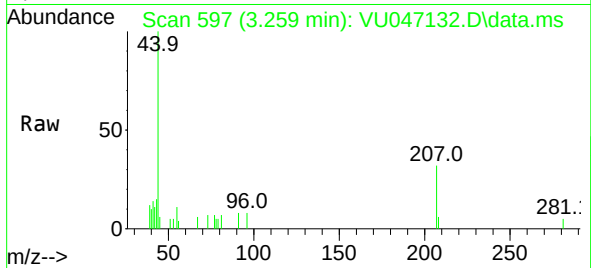
Lab File: VU047132.D

Acq: 14 Feb 2022 14:39

Instrument :

MSVOA_U

ClientSampleId :

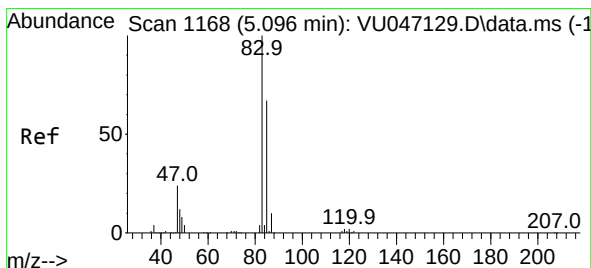
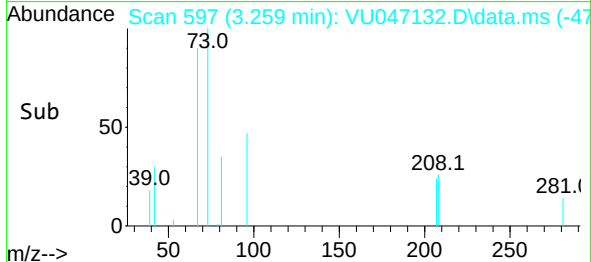
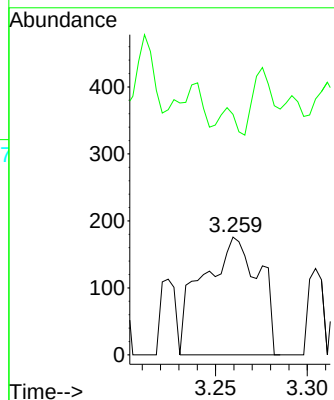


Tgt Ion: 73 Resp: 376

Ion Ratio Lower Upper

73 100

43 20.2 16.3 24.5



#27

Chloroform

Concen: 0.059 ug/l

RT: 5.095 min Scan# 1168

Delta R.T. -0.000 min

Lab File: VU047132.D

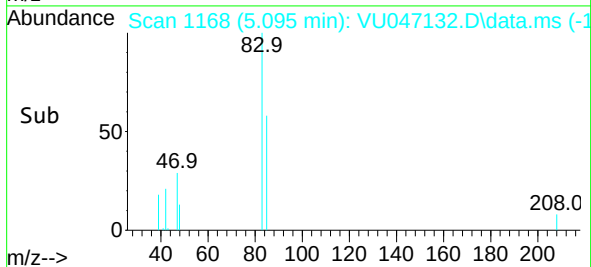
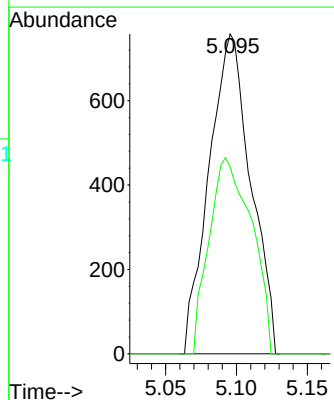
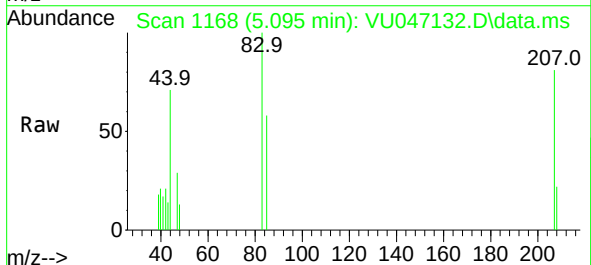
Acq: 14 Feb 2022 14:39

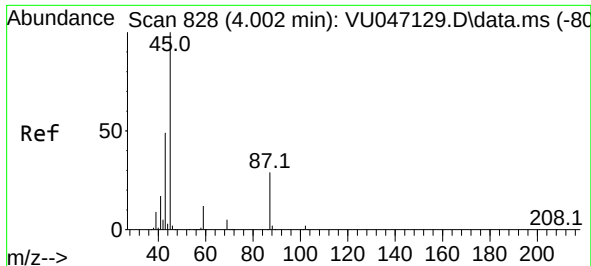
Tgt Ion: 83 Resp: 1551

Ion Ratio Lower Upper

83 100

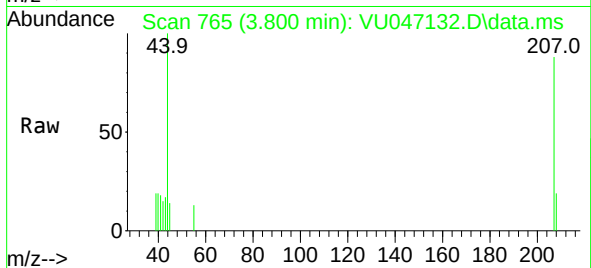
85 58.4 0.0 129.2



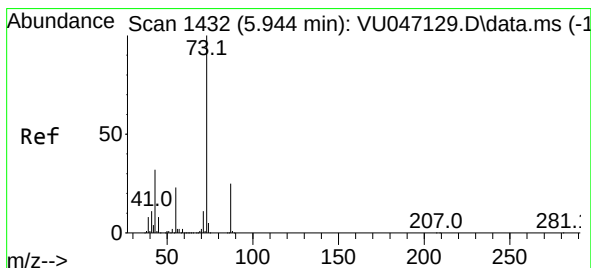
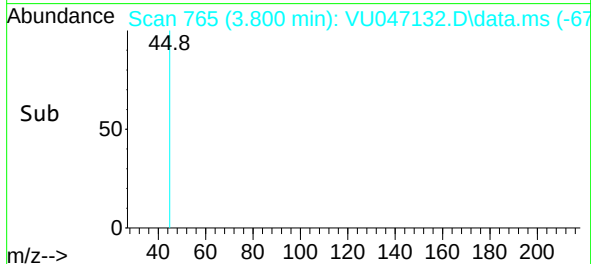
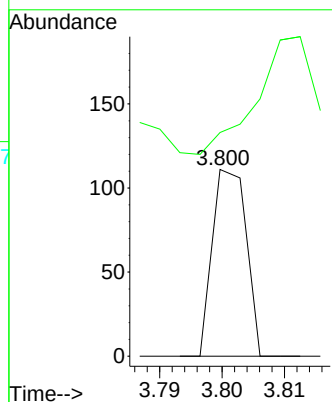


#31
Isopropyl Ether
Concen: 0.001 ug/l
RT: 3.800 min Scan# 70
Delta R.T. -0.203 min
Lab File: VU047132.D
Acq: 14 Feb 2022 14:39

Instrument :
MSVOA_U
ClientSampleId :

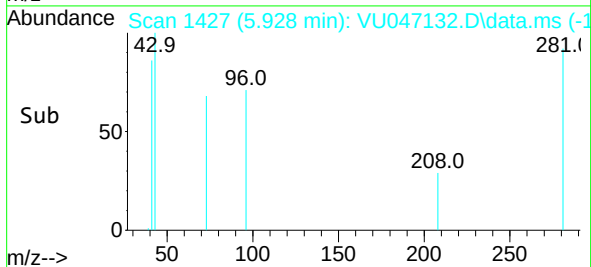
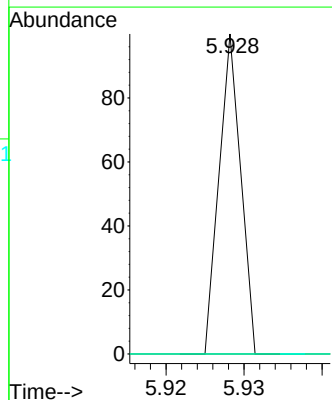
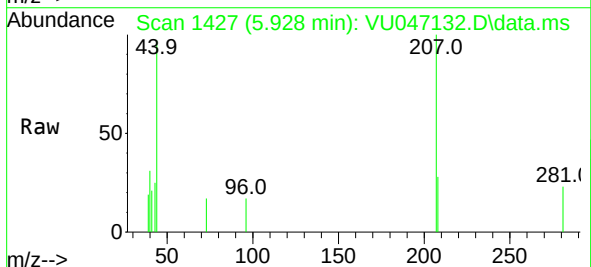


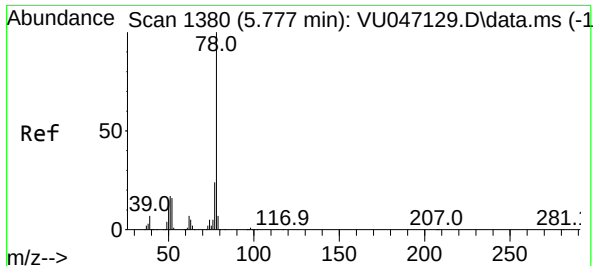
Tgt Ion: 45 Resp: 42
Ion Ratio Lower Upper
45 100
43 81.0 25.3 75.8#



#33
Tert-Amyl methyl ether
Concen: 0.000 ug/l
RT: 5.928 min Scan# 1427
Delta R.T. -0.016 min
Lab File: VU047132.D
Acq: 14 Feb 2022 14:39

Tgt Ion: 73 Resp: 19
Ion Ratio Lower Upper
73 100
87 0.0 18.6 28.0#
71 0.0 9.0 13.6#

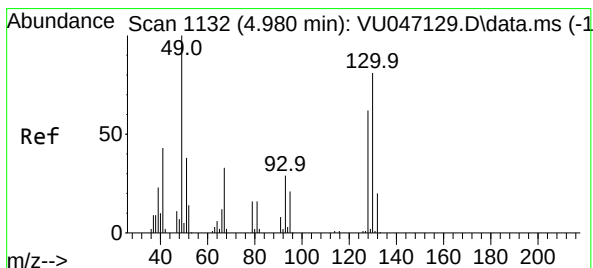
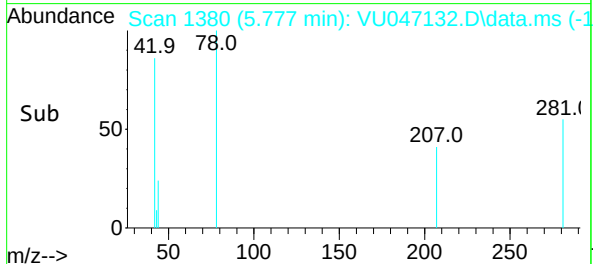
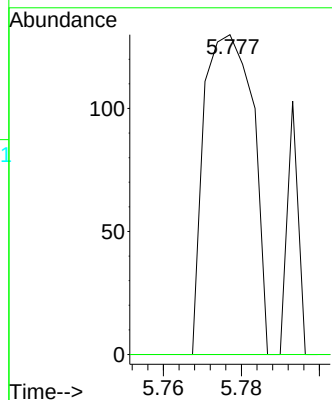
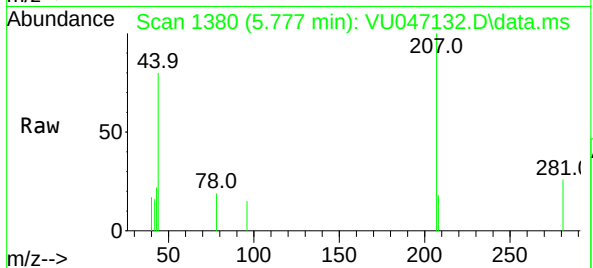




#35
Benzene
Concen: 0.002 ug/l
RT: 5.777 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VU047132.D
Acq: 14 Feb 2022 14:39

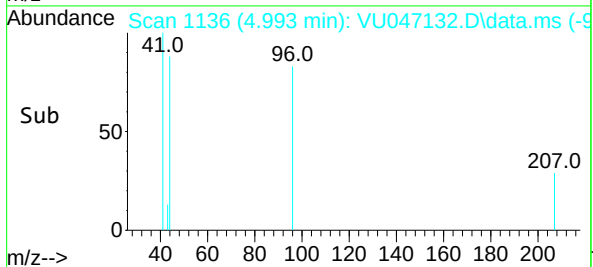
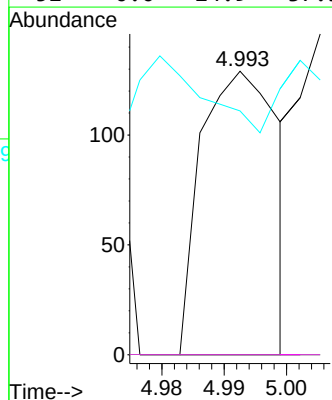
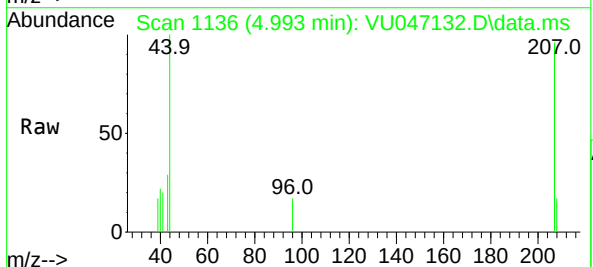
Instrument :
MSVOA_U
ClientSampleId :

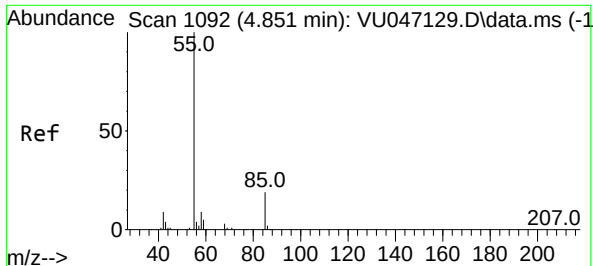
Tgt Ion: 78 Resp: 113
Ion Ratio Lower Upper
78 100
77 0.0 19.1 28.7#



#39
Methacrylonitrile
Concen: 0.021 ug/l
RT: 4.993 min Scan# 1136
Delta R.T. 0.013 min
Lab File: VU047132.D
Acq: 14 Feb 2022 14:39

Tgt Ion: 41 Resp: 111
Ion Ratio Lower Upper
41 100
67 0.0 65.2 97.8#
39 162.2 43.0 64.6#
52 0.0 24.9 37.3#





#40

Methyl acrylate

Concen: 0.002 ug/l

RT: 4.841 min Scan# 1109

Delta R.T. -0.010 min

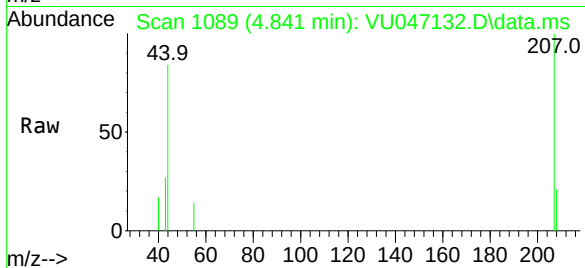
Lab File: VU047132.D

Acq: 14 Feb 2022 14:39

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 55 Resp: 19

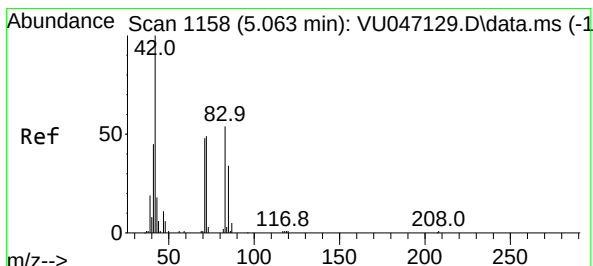
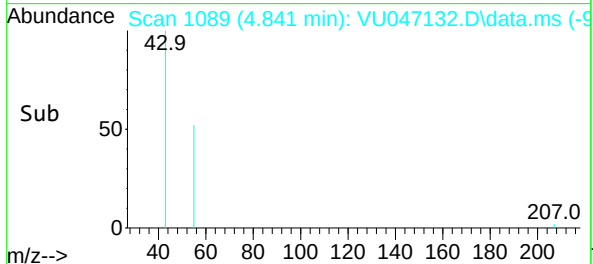
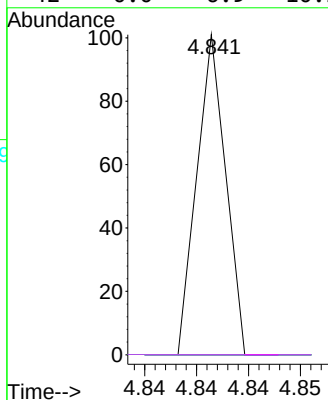
Ion Ratio Lower Upper

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: 0.214 ug/l

RT: 5.066 min Scan# 1159

Delta R.T. 0.003 min

Lab File: VU047132.D

Acq: 14 Feb 2022 14:39

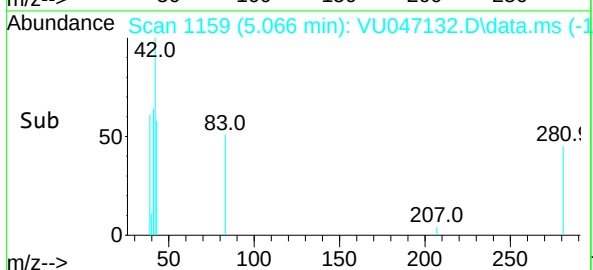
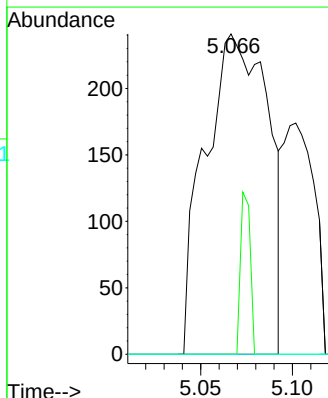
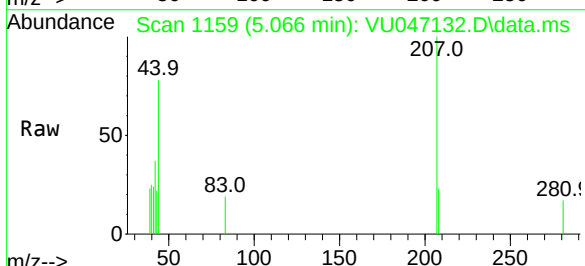
Tgt Ion: 42 Resp: 577

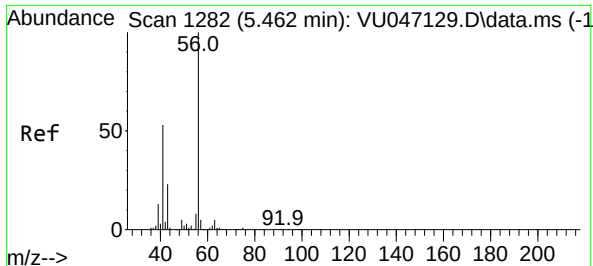
Ion Ratio Lower Upper

42 100

72 7.8 42.4 63.6#

71 0.0 36.4 54.6#





#42

1-Chlorobutane

Concen: 0.002 ug/l

RT: 5.382 min Scan# 11

Delta R.T. -0.081 min

Lab File: VU047132.D

Acq: 14 Feb 2022 14:39

Instrument :

MSVOA_U

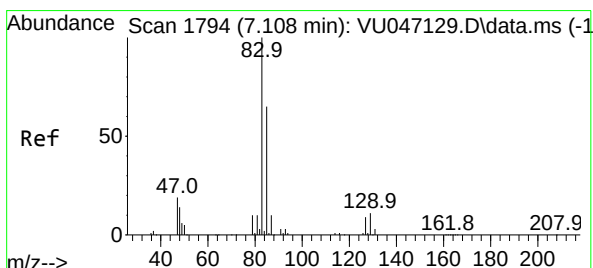
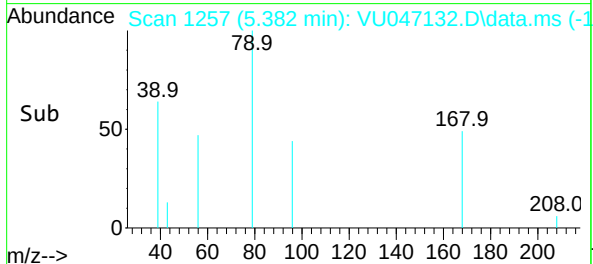
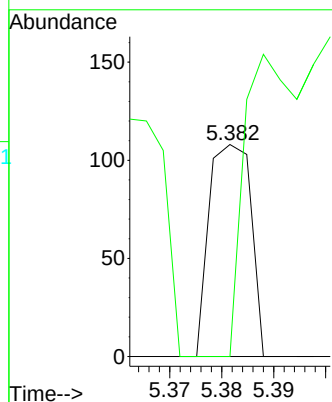
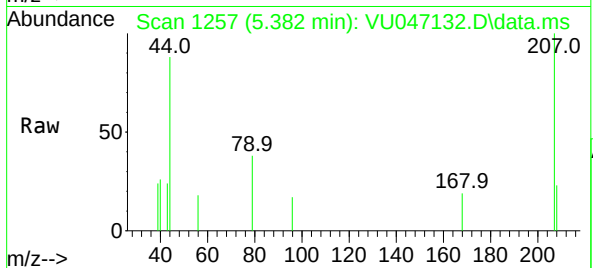
ClientSampleId :

Tgt Ion: 56 Resp: 60

Ion Ratio Lower Upper

56 100

41 180.0 26.0 78.0#



#44

Bromodichloromethane

Concen: 0.009 ug/l

RT: 7.105 min Scan# 1793

Delta R.T. -0.003 min

Lab File: VU047132.D

Acq: 14 Feb 2022 14:39

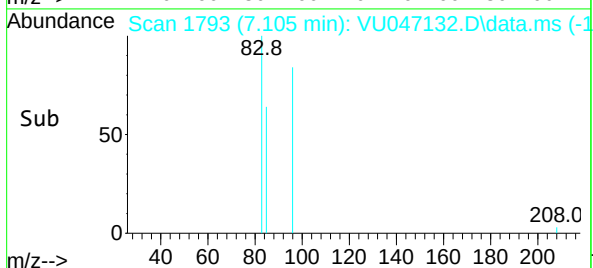
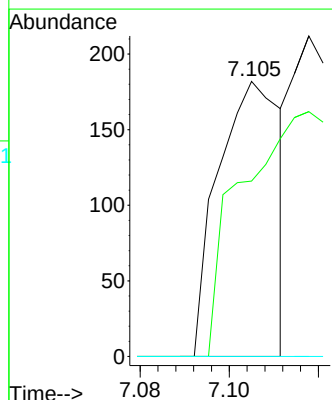
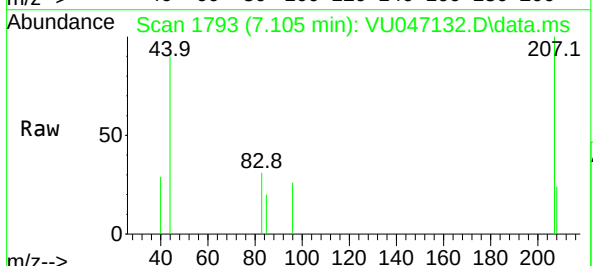
Tgt Ion: 83 Resp: 176

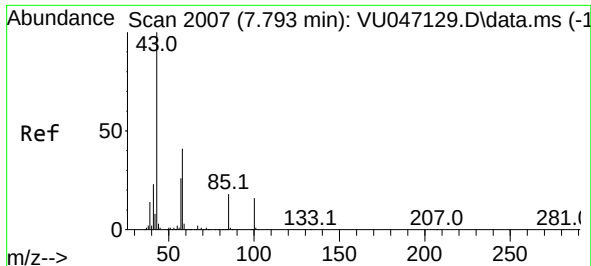
Ion Ratio Lower Upper

83 100

85 63.7 50.9 76.3

127 0.0 6.0 9.0#





#45

4-Methyl-2-Pentanone

Concen: 0.096 ug/l

RT: 7.800 min Scan# 2007

Delta R.T. 0.006 min

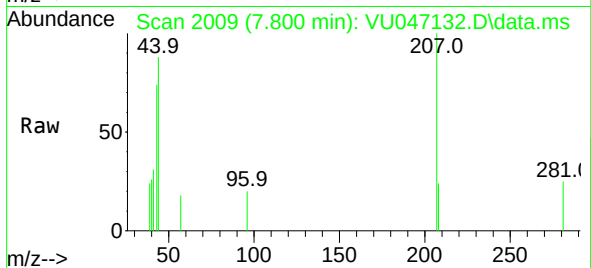
Lab File: VU047132.D

Acq: 14 Feb 2022 14:39

Instrument :

MSVOA_U

ClientSampleId :



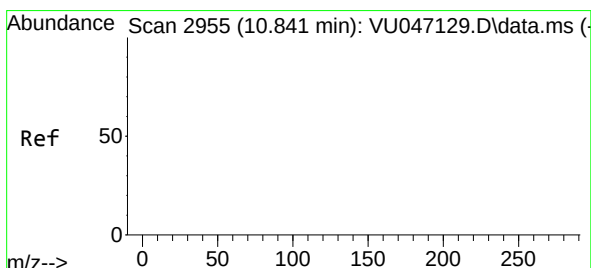
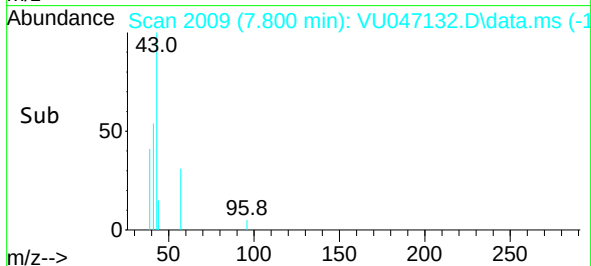
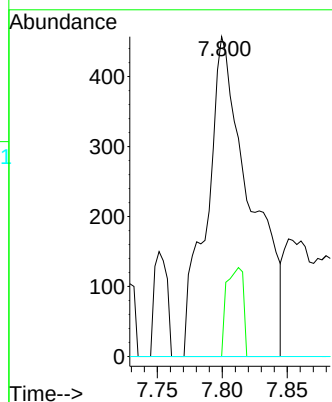
Tgt Ion: 43 Resp: 1070

Ion Ratio Lower Upper

43 100

58 10.6 21.0 63.0#

85 0.0 14.8 22.2#



#46

t-1,4-Dichloro-2-butene

Concen: 2.042 ug/l

RT: 10.635 min Scan# 2891

Delta R.T. -0.206 min

Lab File: VU047132.D

Acq: 14 Feb 2022 14:39

Tgt Ion: 75 Resp: 9942

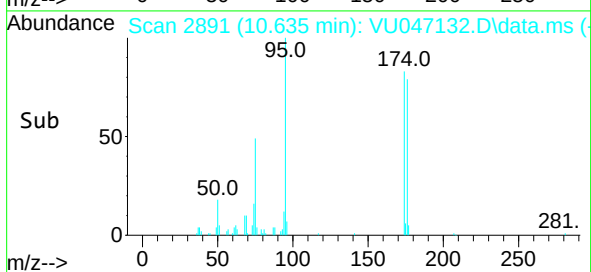
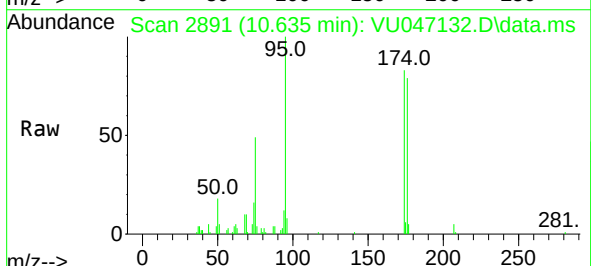
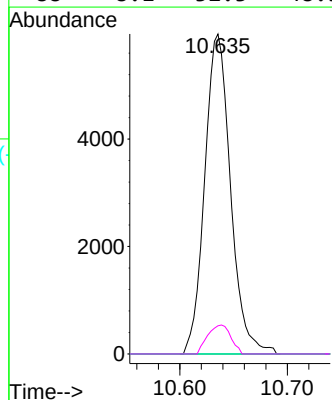
Ion Ratio Lower Upper

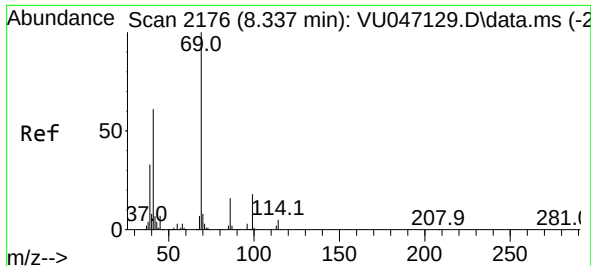
75 100

53 0.0 66.8 100.2#

89 0.0 41.7 62.5#

88 8.1 32.3 48.5#

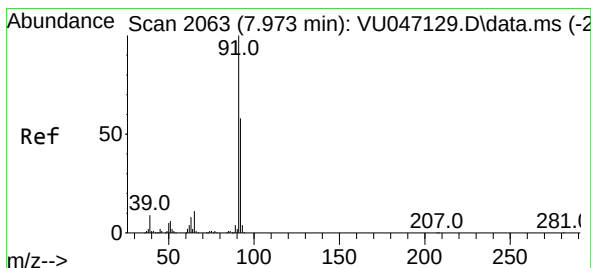
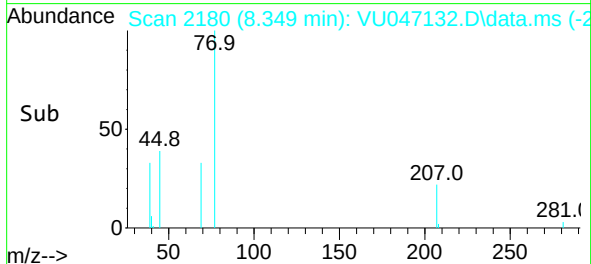
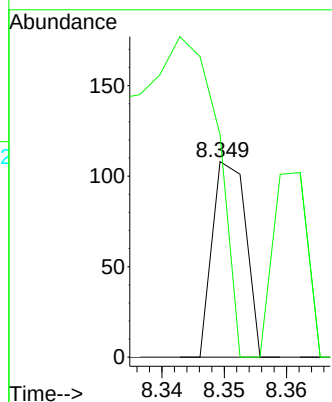
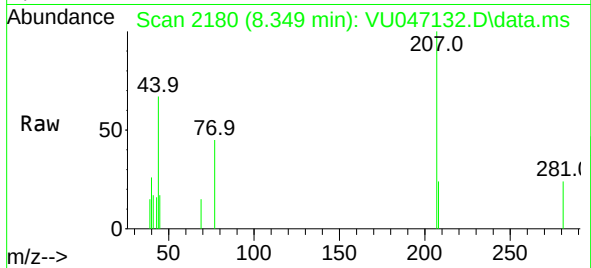




#48
Ethyl methacrylate
Concen: 0.002 ug/l
RT: 8.349 min Scan# 2176
Delta R.T. 0.013 min
Lab File: VU047132.D
Acq: 14 Feb 2022 14:39

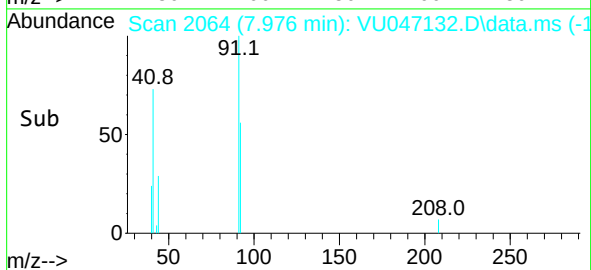
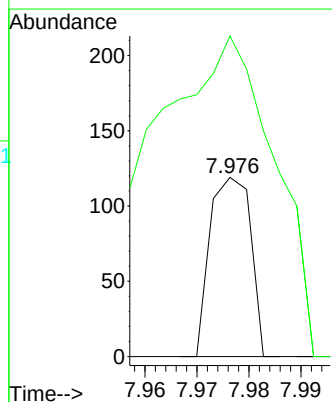
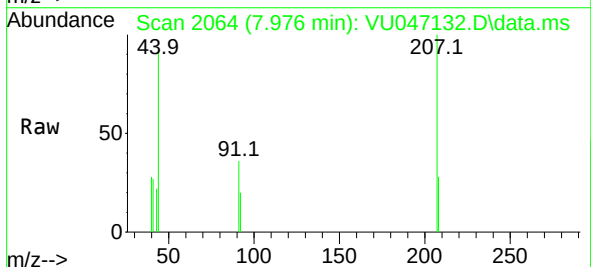
Instrument :
MSVOA_U
ClientSampleId :

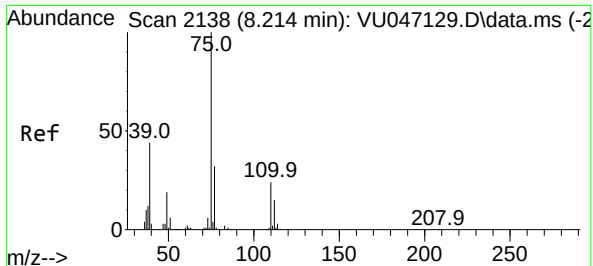
Tgt Ion: 69 Resp: 40
Ion Ratio Lower Upper
69 100
41 672.5 32.6 98.0#



#49
Toluene
Concen: 0.002 ug/l
RT: 7.976 min Scan# 2064
Delta R.T. 0.003 min
Lab File: VU047132.D
Acq: 14 Feb 2022 14:39

Tgt Ion: 92 Resp: 65
Ion Ratio Lower Upper
92 100
91 515.4 136.8 205.2#





#50

t-1,3-Dichloropropene

Concen: 0.003 ug/l

RT: 8.214 min Scan# 2138

Delta R.T. -0.000 min

Lab File: VU047132.D

Acq: 14 Feb 2022 14:39

Instrument :

MSVOA_U

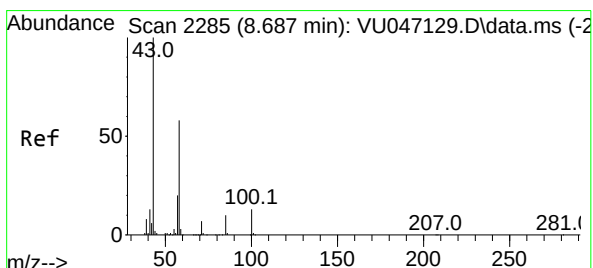
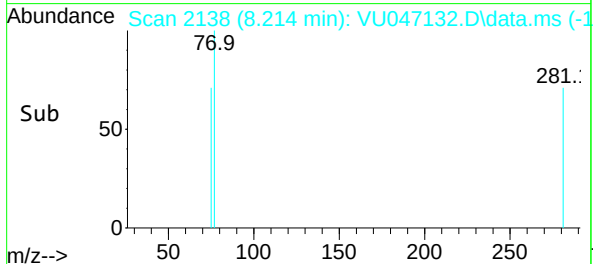
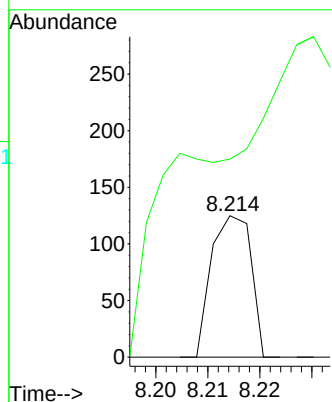
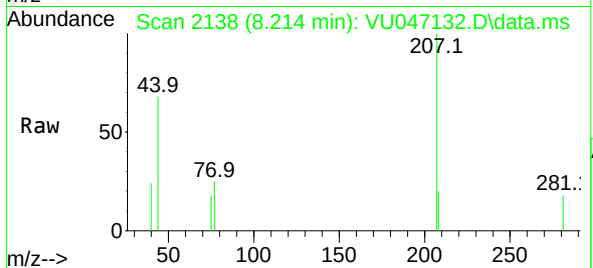
ClientSampleId :

Tgt Ion: 75 Resp: 66

Ion Ratio Lower Upper

75 100

77 0.0 25.6 38.4#



#54

2-Hexanone

Concen: 0.107 ug/l

RT: 8.700 min Scan# 2289

Delta R.T. 0.013 min

Lab File: VU047132.D

Acq: 14 Feb 2022 14:39

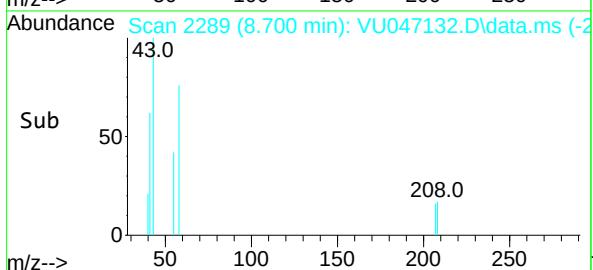
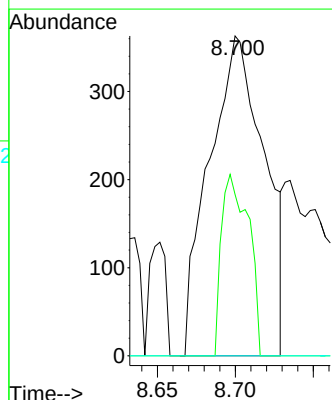
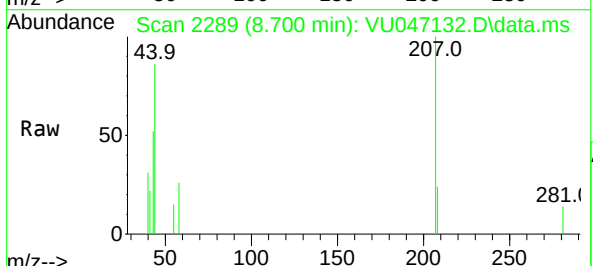
Tgt Ion: 43 Resp: 893

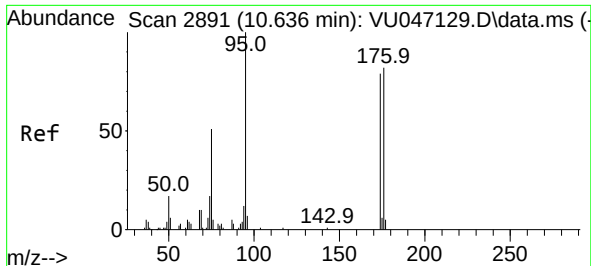
Ion Ratio Lower Upper

43 100

58 27.9 37.7 77.7#

57 0.0 0.5 40.5#

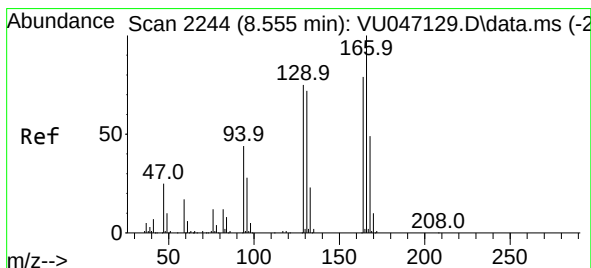
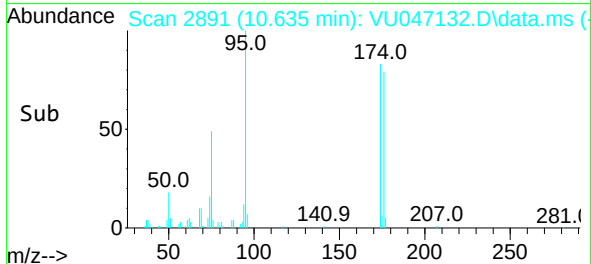
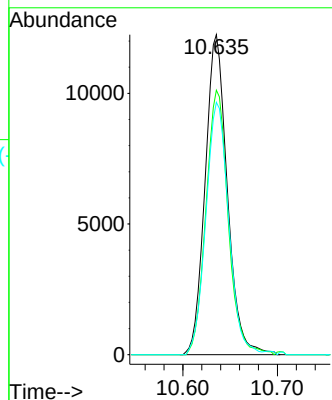
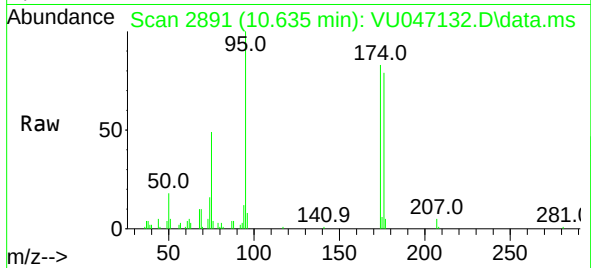




#57
4-Bromofluorobenzene
Concen: 0.916 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.000 min
Lab File: VU047132.D
Acq: 14 Feb 2022 14:39

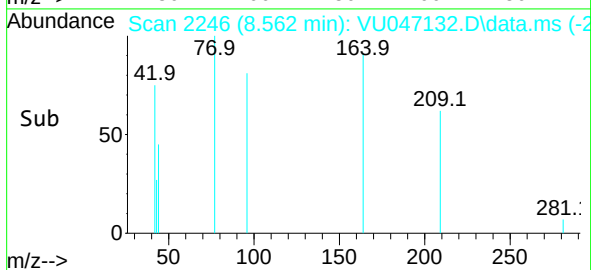
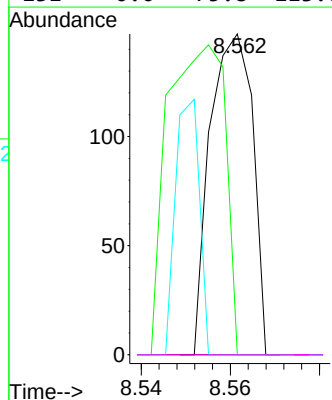
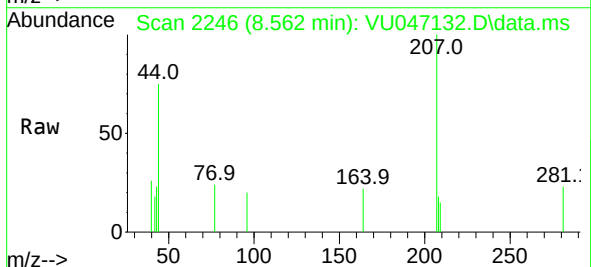
Instrument :
MSVOA_U
ClientSampleId :

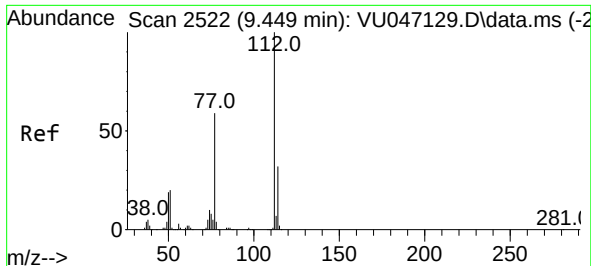
Tgt Ion: 95 Resp: 19965
Ion Ratio Lower Upper
95 100
174 83.1 56.6 84.8
176 80.8 54.3 81.5



#58
Tetrachloroethene
Concen: 0.007 ug/l
RT: 8.562 min Scan# 2246
Delta R.T. 0.006 min
Lab File: VU047132.D
Acq: 14 Feb 2022 14:39

Tgt Ion: 164 Resp: 97
Ion Ratio Lower Upper
164 100
166 0.0 102.0 153.0#
129 0.0 77.1 115.7#
131 0.0 75.8 113.6#





#59

Chlorobenzene

Concen: 0.008 ug/l

RT: 9.452 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU047132.D

Acq: 14 Feb 2022 14:39

Instrument :

MSVOA_U

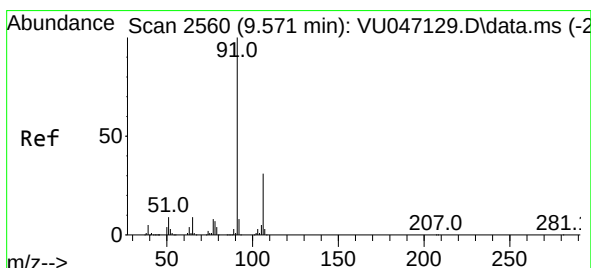
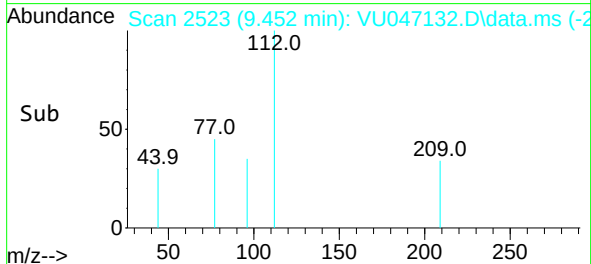
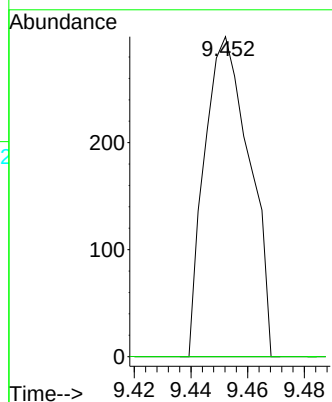
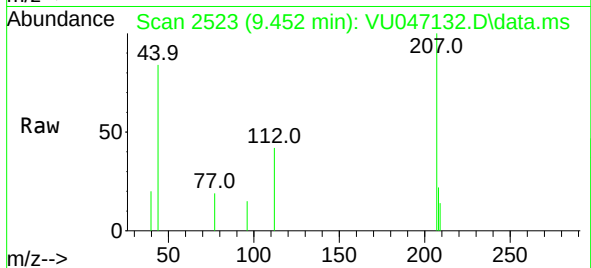
ClientSampleId :

Tgt Ion:112 Resp: 328

Ion Ratio Lower Upper

112 100

114 0.0 25.4 38.0#



#63

Ethyl Benzene

Concen: 0.009 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. -0.000 min

Lab File: VU047132.D

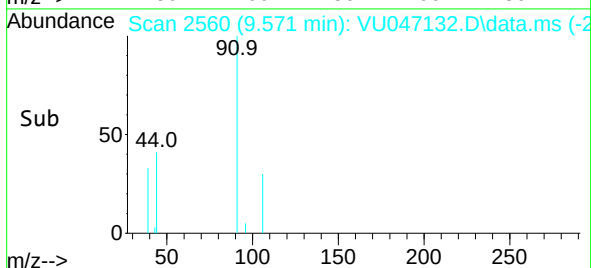
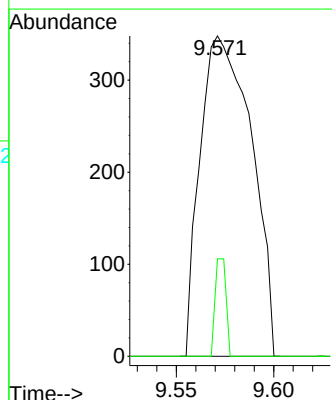
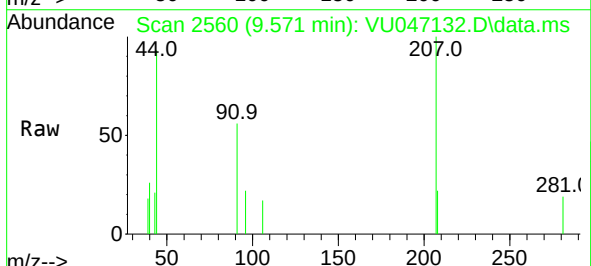
Acq: 14 Feb 2022 14:39

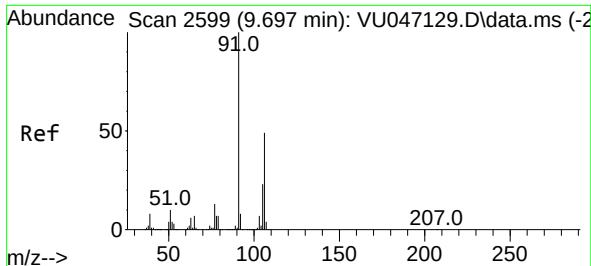
Tgt Ion: 91 Resp: 636

Ion Ratio Lower Upper

91 100

106 30.5 24.4 36.6

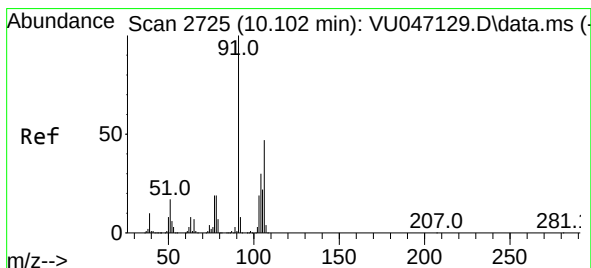
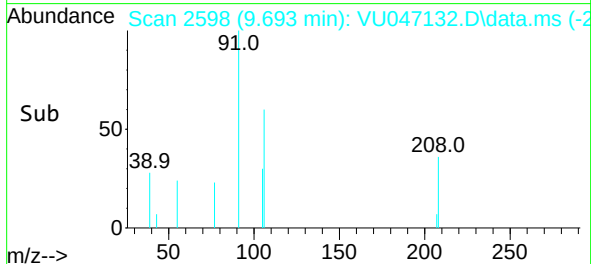
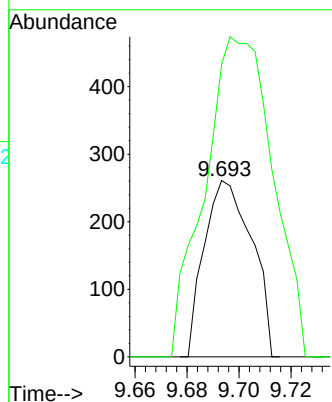
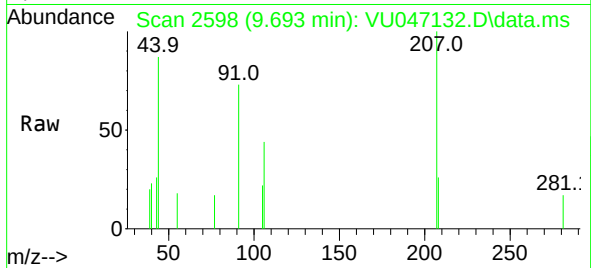




#64
m/p-Xylenes
Concen: 0.012 ug/l
RT: 9.693 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU047132.D
Acq: 14 Feb 2022 14:39

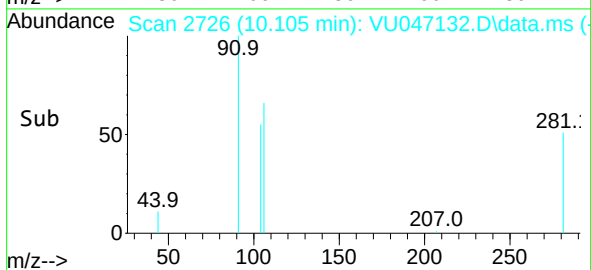
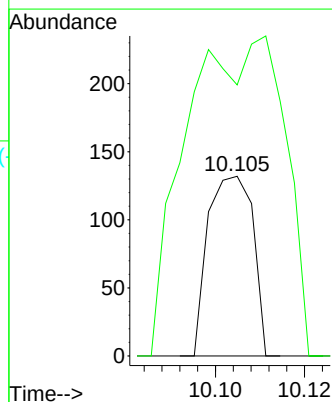
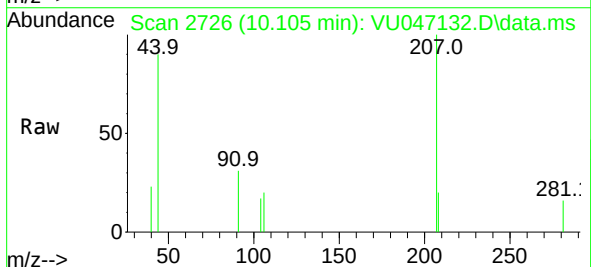
Instrument :
MSVOA_U
ClientSampleId :

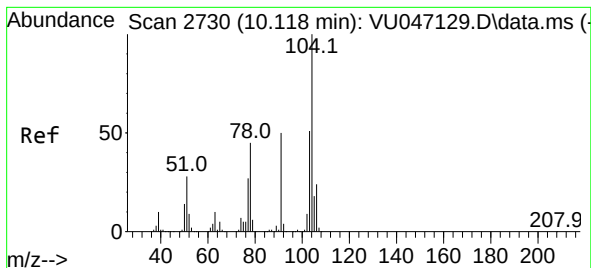
Tgt Ion:106 Resp: 332
Ion Ratio Lower Upper
106 100
91 259.9 165.5 248.3#



#65
o-Xylene
Concen: 0.003 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. 0.003 min
Lab File: VU047132.D
Acq: 14 Feb 2022 14:39

Tgt Ion:106 Resp: 92
Ion Ratio Lower Upper
106 100
91 227.2 109.4 328.2





#66

Styrene

Concen: 0.009 ug/l

RT: 10.124 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU047132.D

Acq: 14 Feb 2022 14:39

Instrument :

MSVOA_U

ClientSampleId :

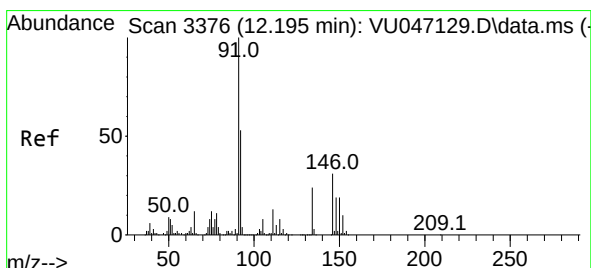
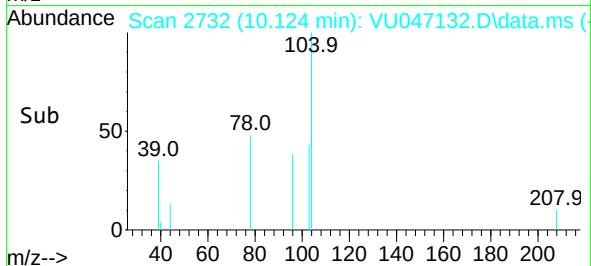
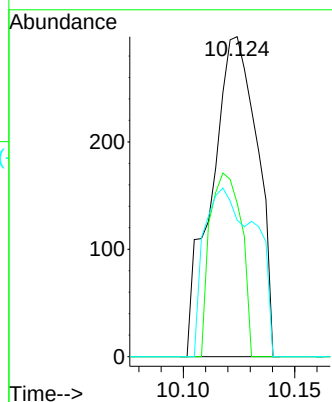
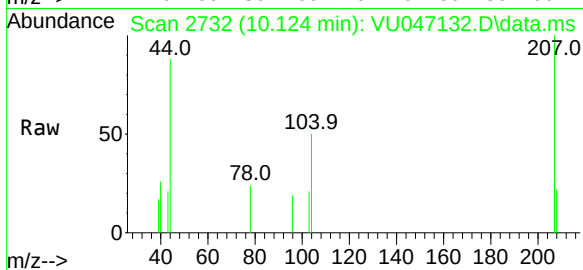
Tgt Ion:104 Resp: 423

Ion Ratio Lower Upper

104 100

78 39.7 42.4 63.6#

103 59.1 44.2 66.4



#68

1,2-Dichlorobenzene-d4

Concen: 0.899 ug/l

RT: 12.195 min Scan# 3376

Delta R.T. -0.000 min

Lab File: VU047132.D

Acq: 14 Feb 2022 14:39

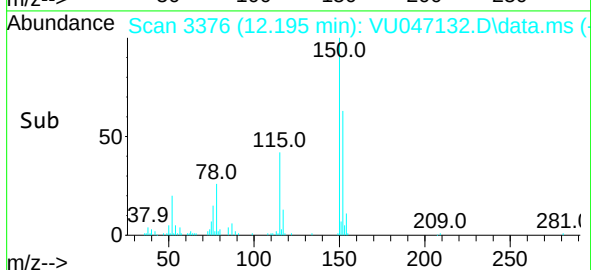
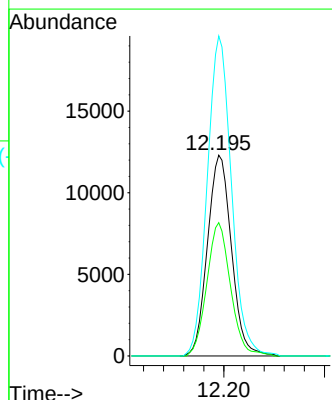
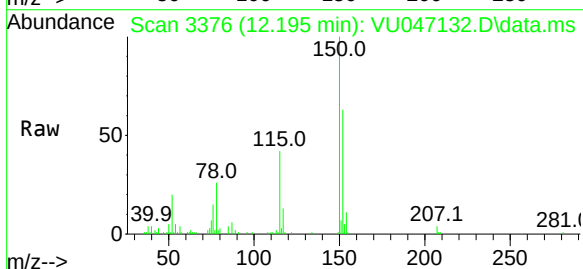
Tgt Ion:152 Resp: 20399

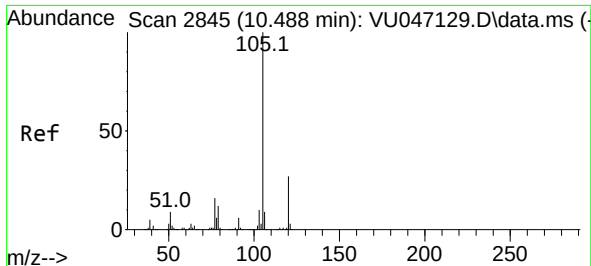
Ion Ratio Lower Upper

152 100

115 65.5 0.0 251.0

150 160.5 0.0 613.8





#69

Isopropylbenzene

Concen: 0.007 ug/l

RT: 10.481 min Scan# 21

Delta R.T. -0.007 min

Lab File: VU047132.D

Acq: 14 Feb 2022 14:39

Instrument :

MSVOA_U

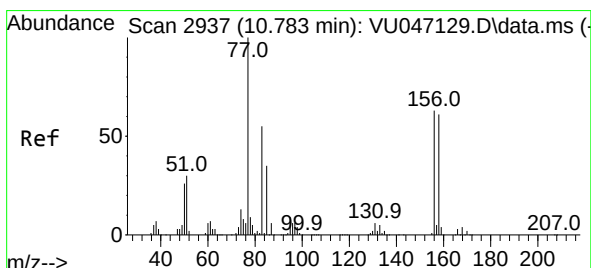
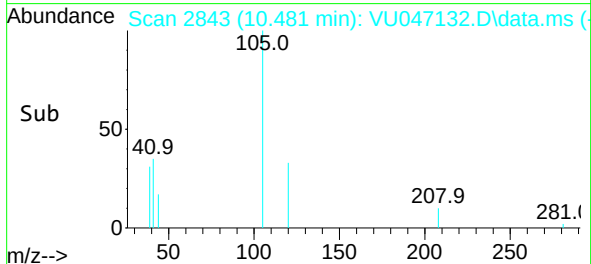
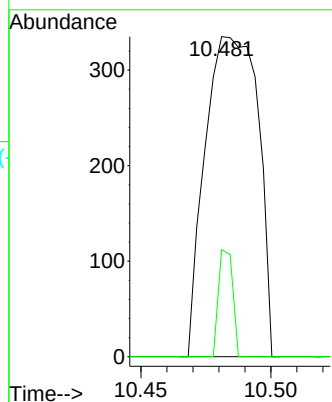
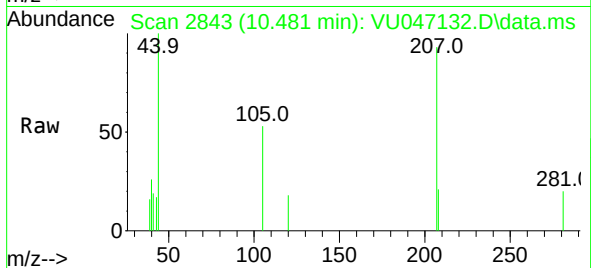
ClientSampleId :

Tgt Ion:105 Resp: 473

Ion Ratio Lower Upper

105 100

120 8.9 12.8 38.4#



#70

1,1,2,2-Tetrachloroethane

Concen: 0.006 ug/l

RT: 10.787 min Scan# 2938

Delta R.T. 0.003 min

Lab File: VU047132.D

Acq: 14 Feb 2022 14:39

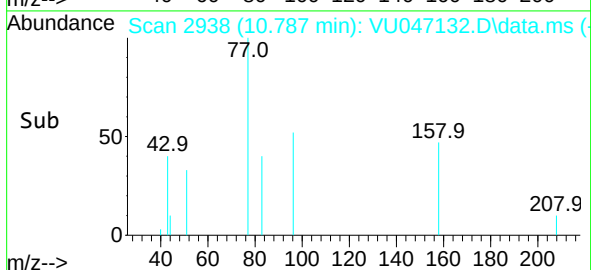
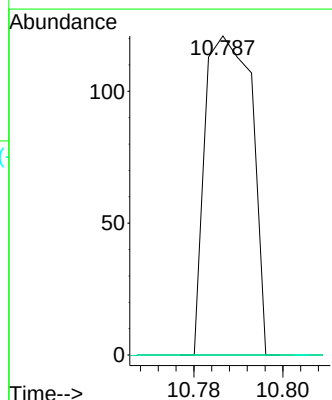
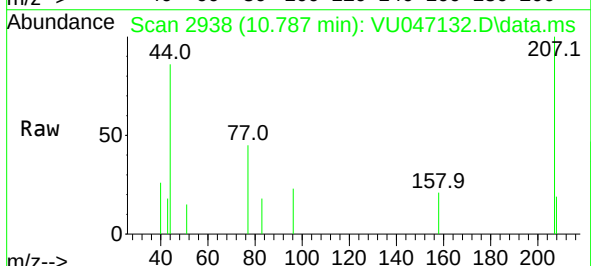
Tgt Ion: 83 Resp: 88

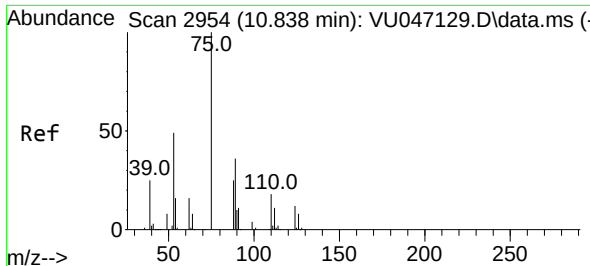
Ion Ratio Lower Upper

83 100

131 0.0 7.6 11.4#

85 0.0 50.9 76.3#

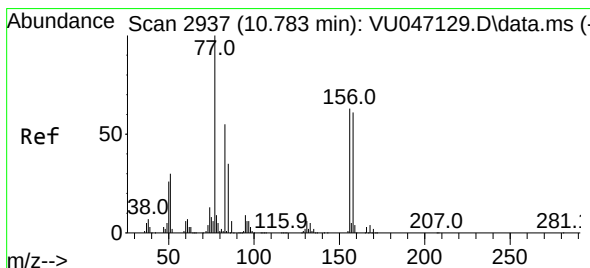
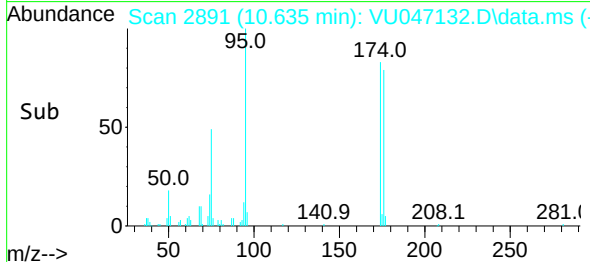
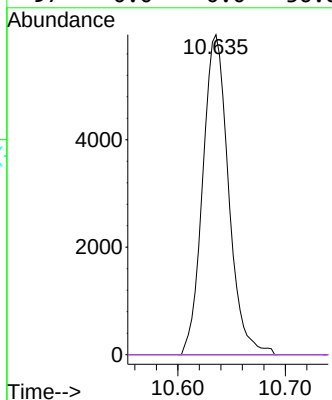
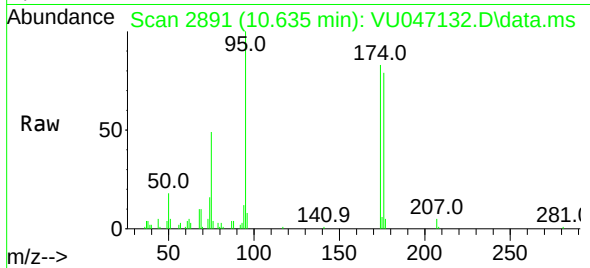




#71
1,2,3-Trichloropropane
Concen: 0.739 ug/l
RT: 10.635 min Scan# 2954
Delta R.T. -0.203 min
Lab File: VU047132.D
Acq: 14 Feb 2022 14:39

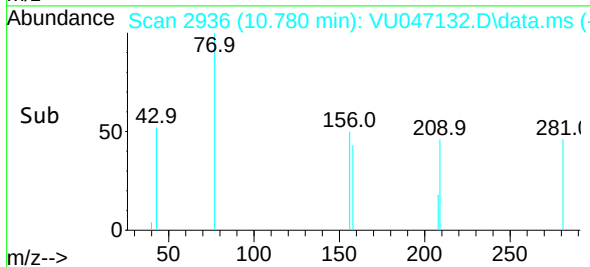
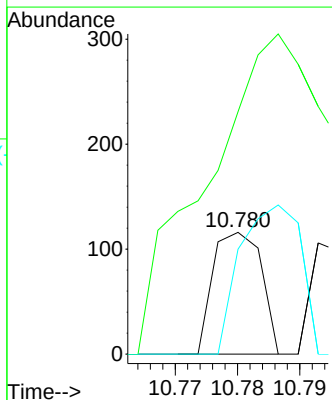
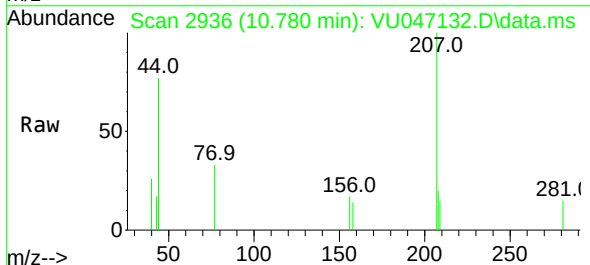
Instrument :
MSVOA_U
ClientSampleId :

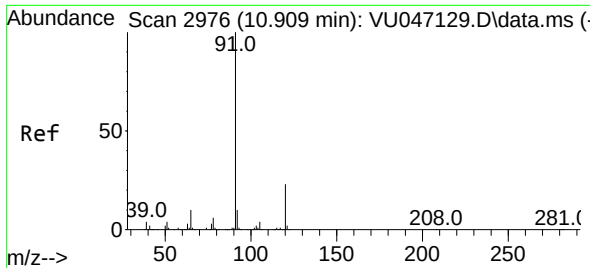
Tgt Ion: 75	Resp: 9942
Ion Ratio	Lower Upper
75 100	
77 4.6	0.0 105.6
110 0.0	0.0 71.2
97 0.0	0.0 36.8



#72
Bromobenzene
Concen: 0.004 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. -0.003 min
Lab File: VU047132.D
Acq: 14 Feb 2022 14:39

Tgt Ion:156	Resp:	63	
Ion	Ratio	Lower	Upper
156	100		
77	0.0	0.0	370.6
158	0.0	0.0	193.4

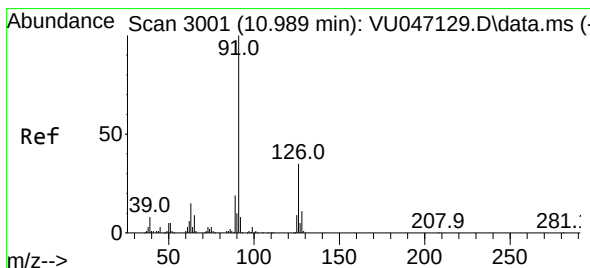
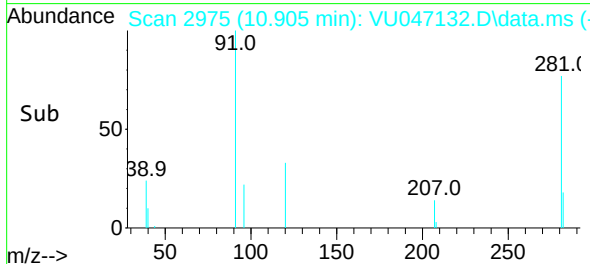
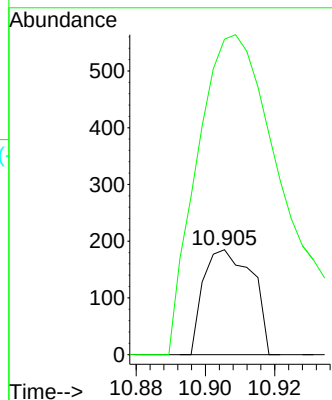
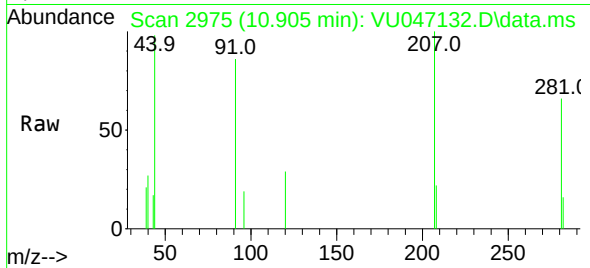




#73
n-propylbenzene
Concen: 0.009 ug/l
RT: 10.905 min Scan# 2975
Delta R.T. -0.003 min
Lab File: VU047132.D
Acq: 14 Feb 2022 14:39

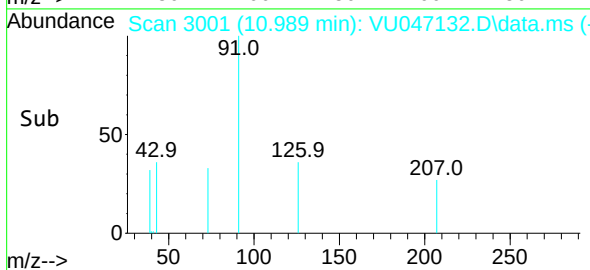
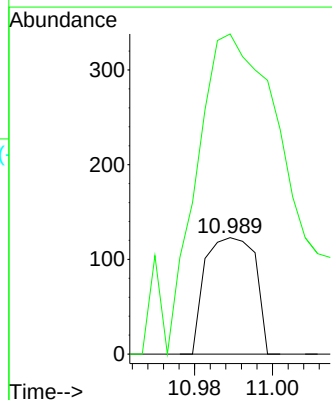
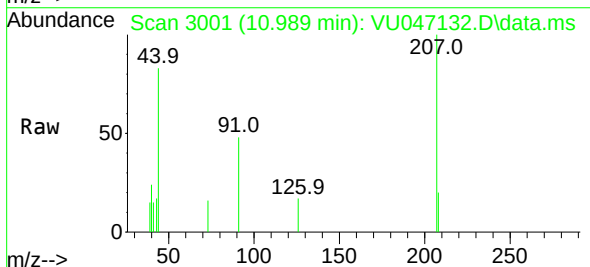
Instrument :
MSVOA_U
ClientSampleId :

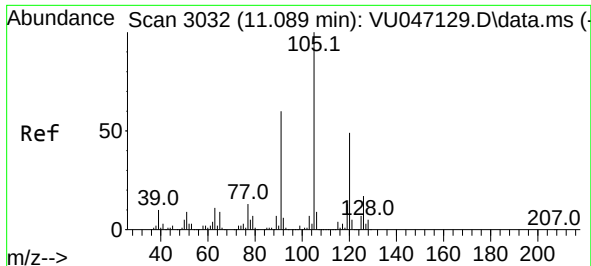
Tgt Ion:120 Resp: 181
Ion Ratio Lower Upper
120 100
91 534.3 370.7 556.1



#74
2-Chlorotoluene
Concen: 0.006 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. -0.000 min
Lab File: VU047132.D
Acq: 14 Feb 2022 14:39

Tgt Ion:126 Resp: 110
Ion Ratio Lower Upper
126 100
91 513.6 0.0 639.6

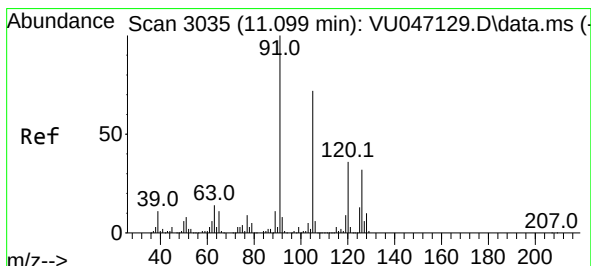
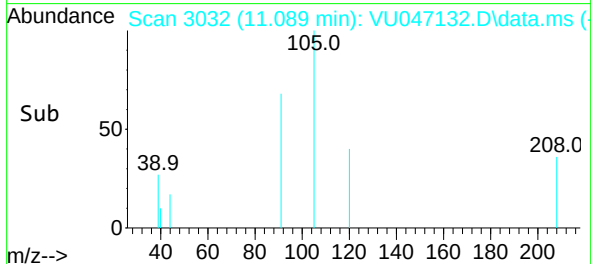
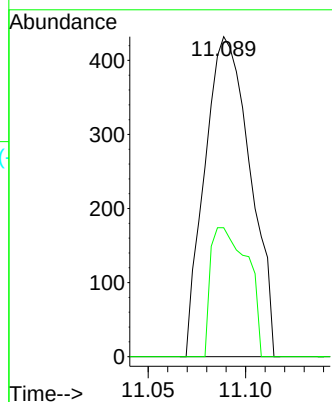
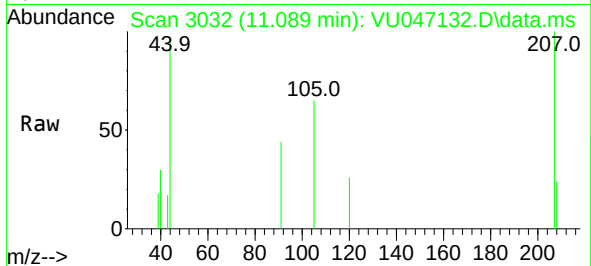




#75
1,3,5-Trimethylbenzene
Concen: 0.012 ug/l
RT: 11.089 min Scan# 3001
Delta R.T. -0.000 min
Lab File: VU047132.D
Acq: 14 Feb 2022 14:39

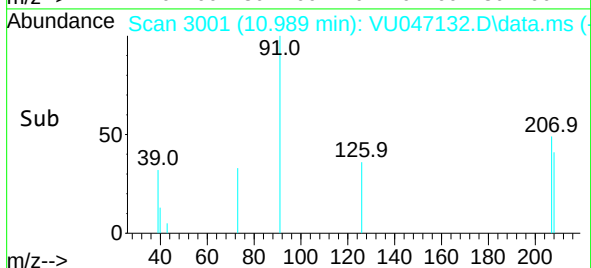
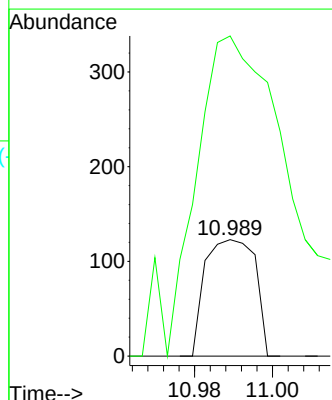
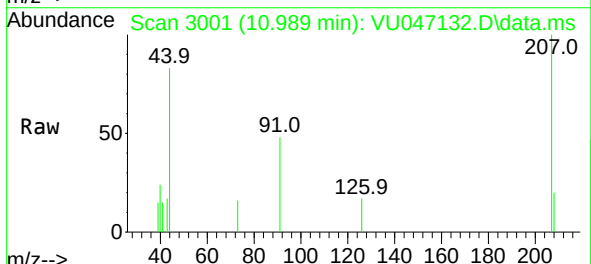
Instrument :
MSVOA_U
ClientSampleId :

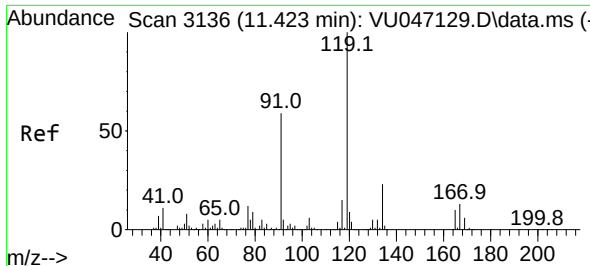
Tgt Ion:105 Resp: 701
Ion Ratio Lower Upper
105 100
120 32.5 38.6 58.0#



#76
4-Chlorotoluene
Concen: 0.006 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. -0.109 min
Lab File: VU047132.D
Acq: 14 Feb 2022 14:39

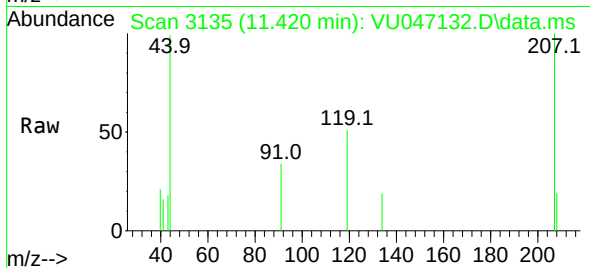
Tgt Ion:126 Resp: 110
Ion Ratio Lower Upper
126 100
91 513.6 0.0 728.0



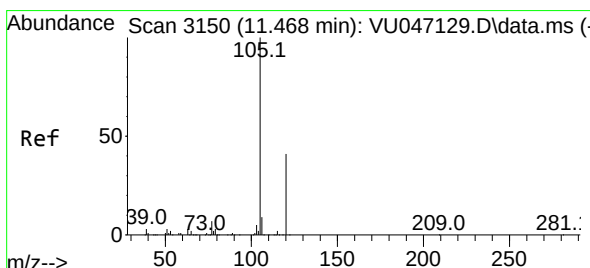
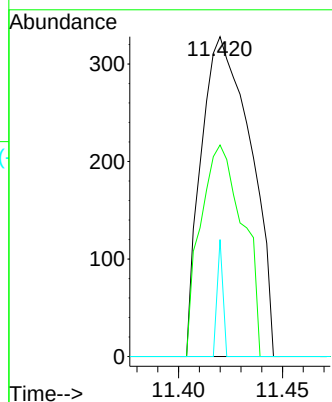
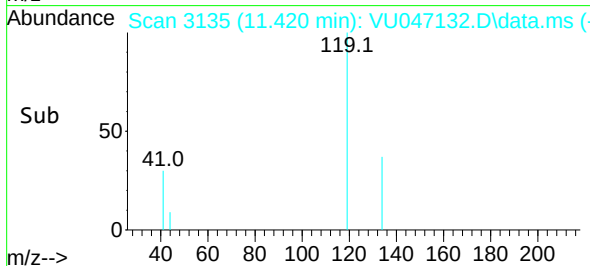


#77
tert-Butylbenzene
Concen: 0.009 ug/l
RT: 11.420 min Scan# 3136
Delta R.T. -0.003 min
Lab File: VU047132.D
Acq: 14 Feb 2022 14:39

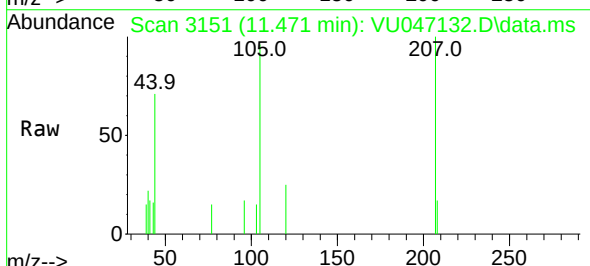
Instrument :
MSVOA_U
ClientSampleId :



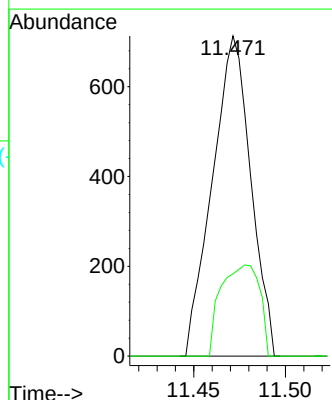
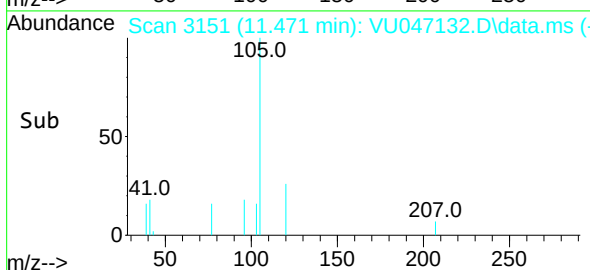
Tgt Ion:119 Resp: 543
Ion Ratio Lower Upper
119 100
91 56.5 31.4 94.3
134 4.2 18.5 27.7#

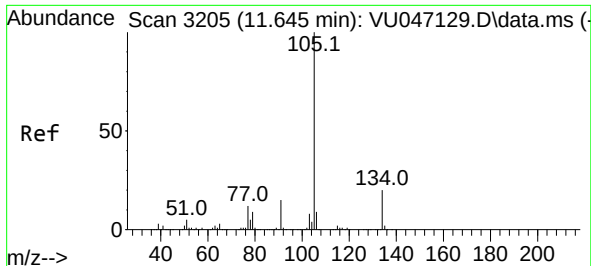


#78
1,2,4-Trimethylbenzene
Concen: 0.017 ug/l
RT: 11.471 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU047132.D
Acq: 14 Feb 2022 14:39



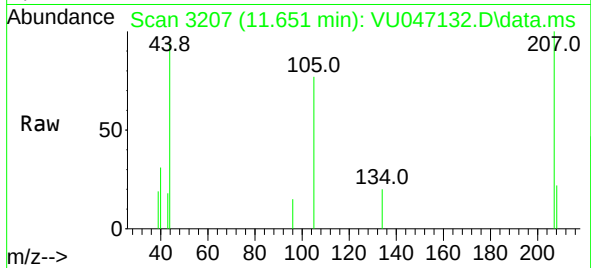
Tgt Ion:105 Resp: 1038
Ion Ratio Lower Upper
105 100
120 28.6 22.3 66.8



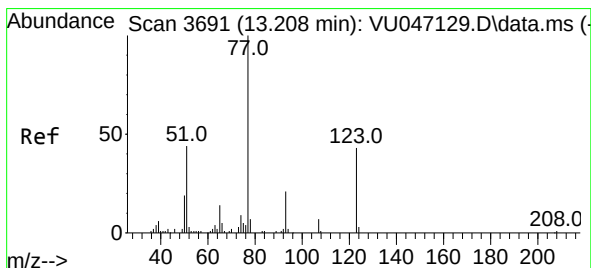
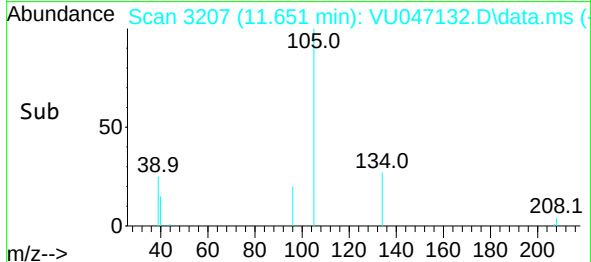
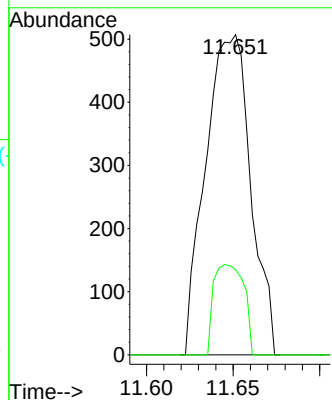


#79
 sec-Butylbenzene
 Concen: 0.012 ug/l
 RT: 11.651 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VU047132.D
 Acq: 14 Feb 2022 14:39

Instrument :
 MSVOA_U
 ClientSampleId :

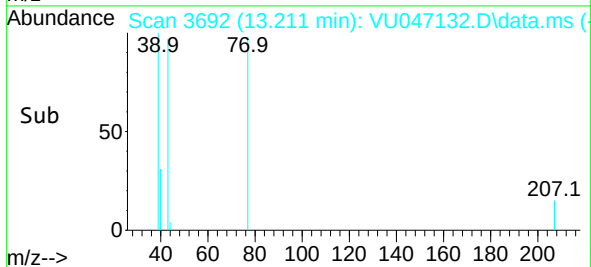
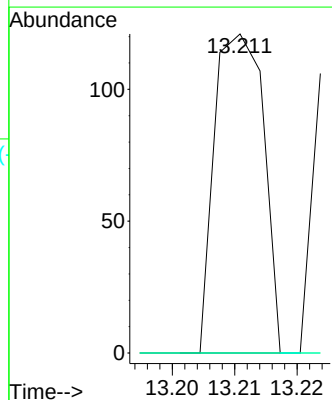
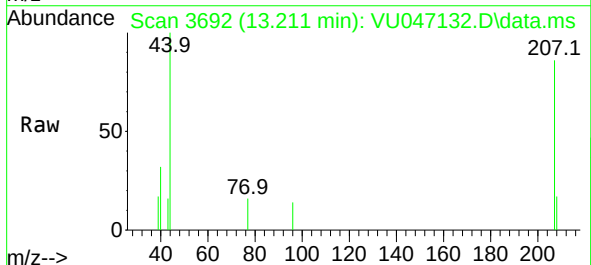


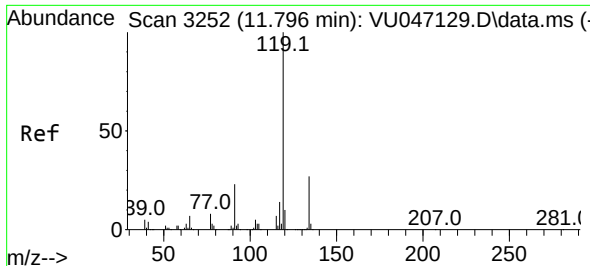
Tgt Ion:105 Resp: 918
 Ion Ratio Lower Upper
 105 100
 134 18.8 15.4 23.0



#80
 Nitrobenzene
 Concen: 0.086 ug/l
 RT: 13.211 min Scan# 3692
 Delta R.T. 0.003 min
 Lab File: VU047132.D
 Acq: 14 Feb 2022 14:39

Tgt Ion: 77 Resp: 66
 Ion Ratio Lower Upper
 77 100
 123 0.0 18.2 64.4#
 65 0.0 12.0 15.2#

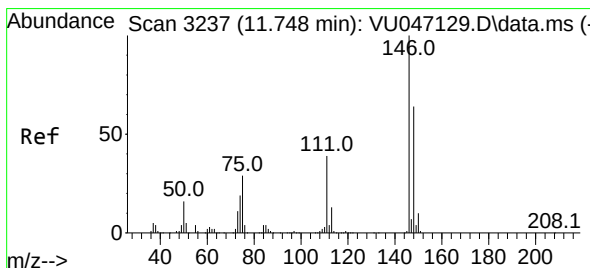
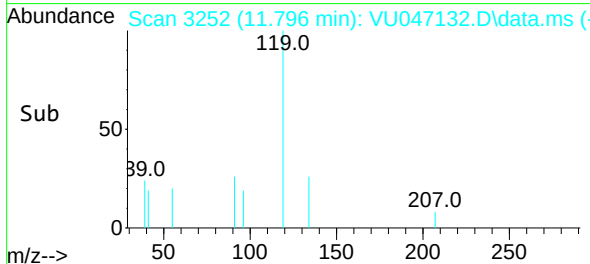
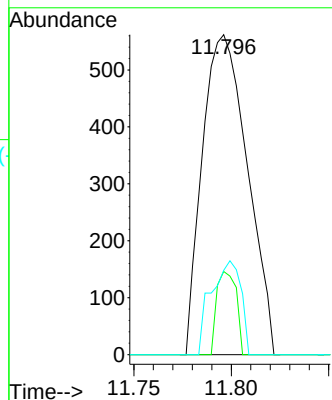
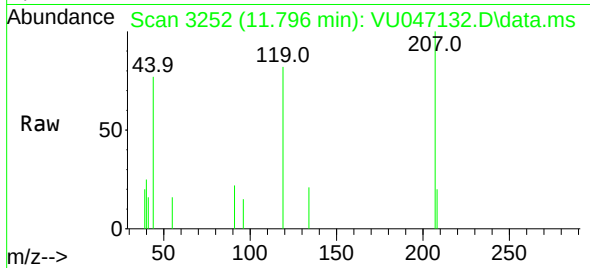




#81
p-Isopropyltoluene
Concen: 0.013 ug/l
RT: 11.796 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU047132.D
Acq: 14 Feb 2022 14:39

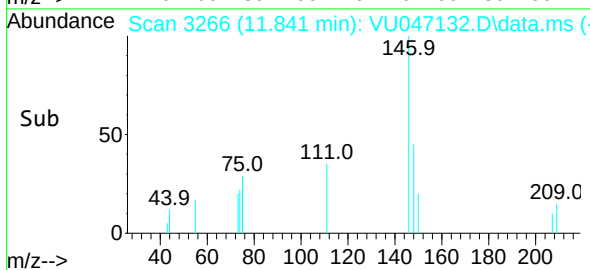
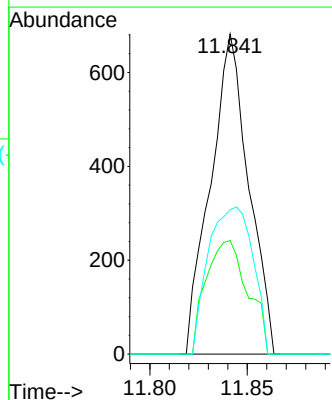
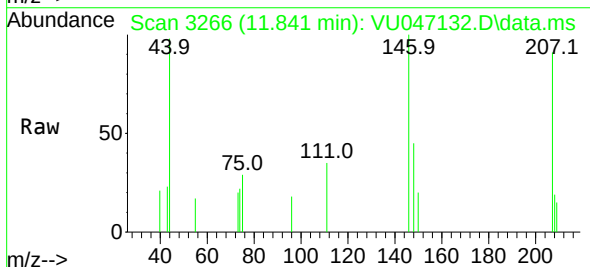
Instrument :
MSVOA_U
ClientSampleId :

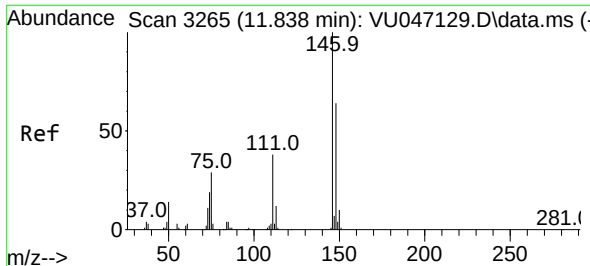
Tgt Ion:119 Resp: 903
Ion Ratio Lower Upper
119 100
134 11.2 20.2 30.4#
91 19.4 19.9 29.9#



#82
1,3-Dichlorobenzene
Concen: 0.027 ug/l
RT: 11.841 min Scan# 3266
Delta R.T. 0.093 min
Lab File: VU047132.D
Acq: 14 Feb 2022 14:39

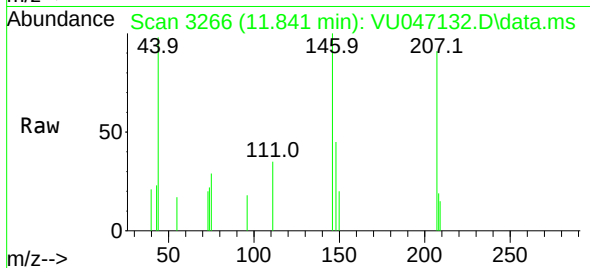
Tgt Ion:146 Resp: 928
Ion Ratio Lower Upper
146 100
111 38.8 33.9 50.9
148 53.8 50.9 76.3



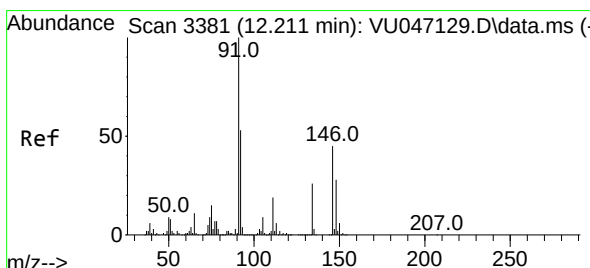
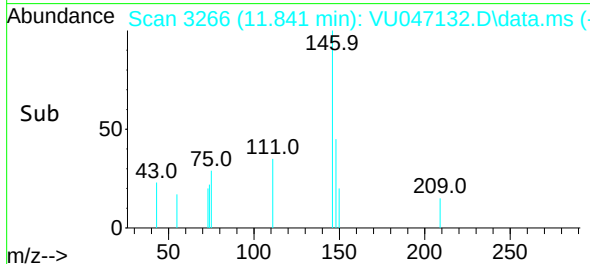
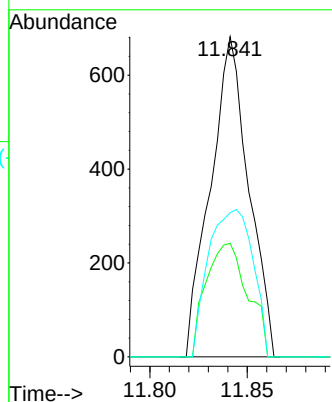


#83
1,4-Dichlorobenzene
Concen: 0.027 ug/l
RT: 11.841 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU047132.D
Acq: 14 Feb 2022 14:39

Instrument :
MSVOA_U
ClientSampleId :

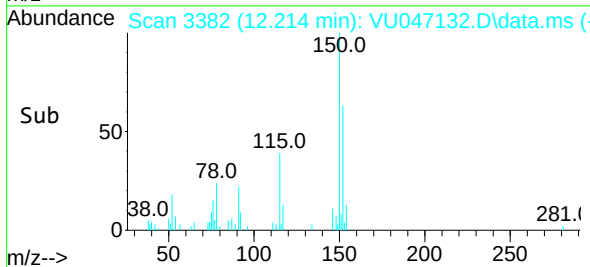
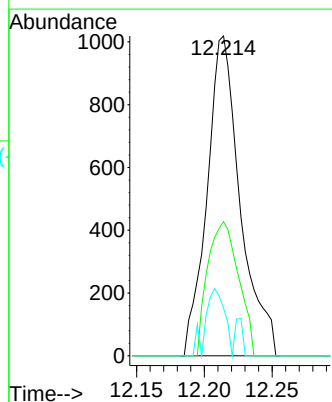
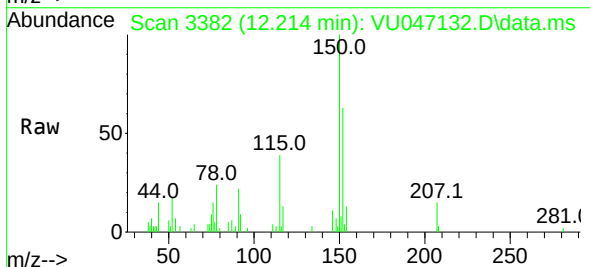


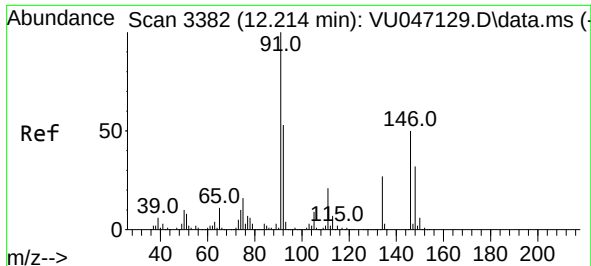
Tgt Ion:146 Resp: 928
Ion Ratio Lower Upper
146 100
111 38.8 32.7 49.1
148 53.8 51.4 77.0



#84
n-Butylbenzene
Concen: 0.027 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.003 min
Lab File: VU047132.D
Acq: 14 Feb 2022 14:39

Tgt Ion: 91 Resp: 1734
Ion Ratio Lower Upper
91 100
92 38.8 43.5 65.3#
134 12.1 19.0 28.4#

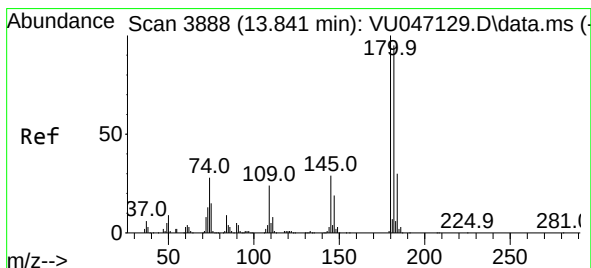
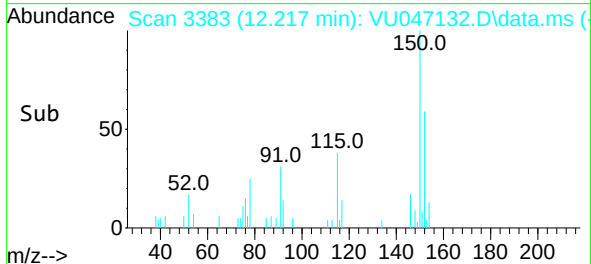
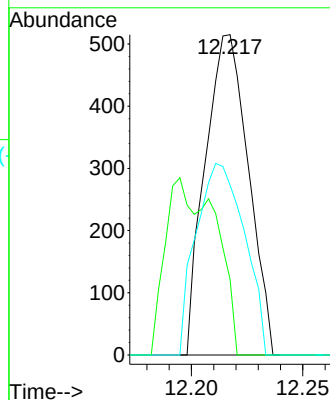
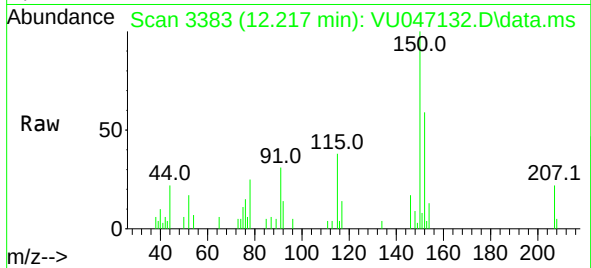




#85
 1,2-Dichlorobenzene
 Concen: 0.021 ug/l
 RT: 12.217 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU047132.D
 Acq: 14 Feb 2022 14:39

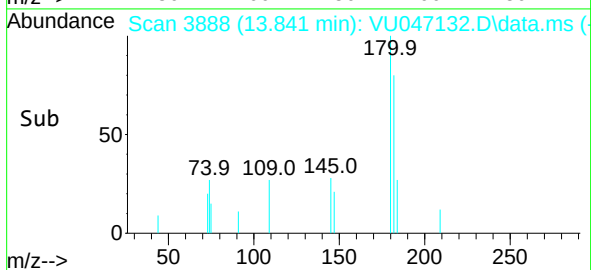
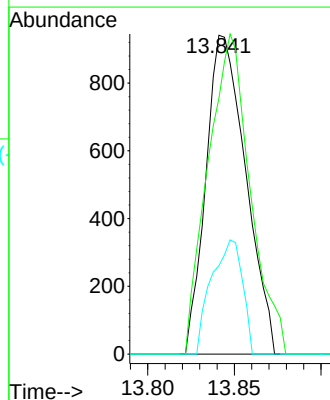
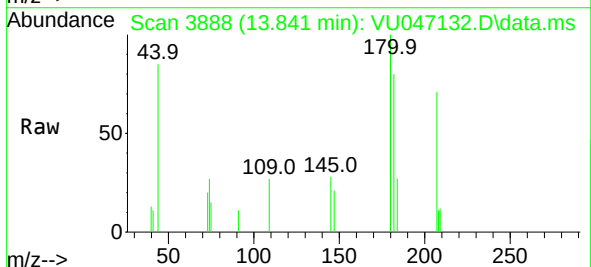
Instrument :
 MSVOA_U
 ClientSampleId :

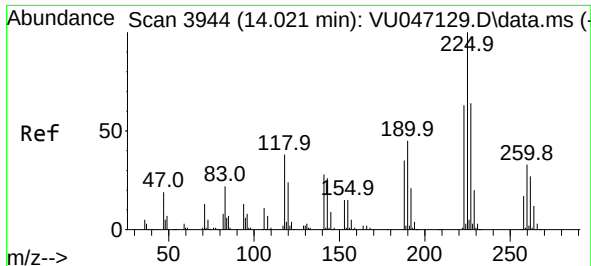
Tgt Ion:146 Resp: 693
 Ion Ratio Lower Upper
 146 100
 111 36.4 22.1 66.1
 148 67.1 31.6 94.7



#87
 1,2,4-Trichlorobenzene
 Concen: 0.058 ug/l
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU047132.D
 Acq: 14 Feb 2022 14:39

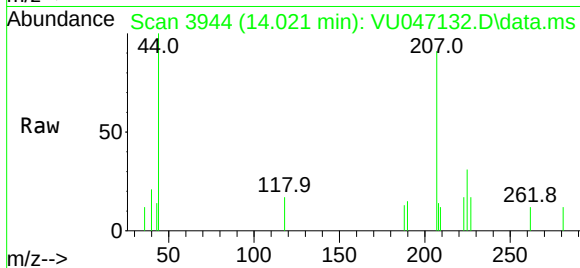
Tgt Ion:180 Resp: 1504
 Ion Ratio Lower Upper
 180 100
 182 106.4 75.8 113.8
 145 27.8 25.3 37.9



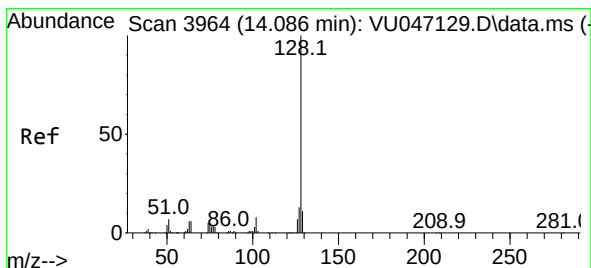
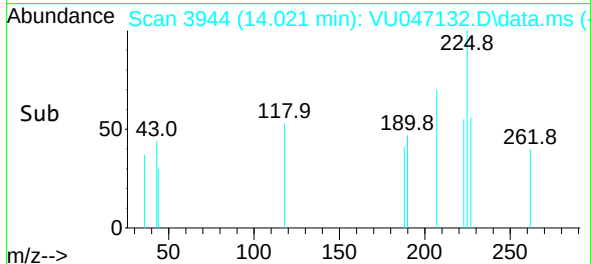
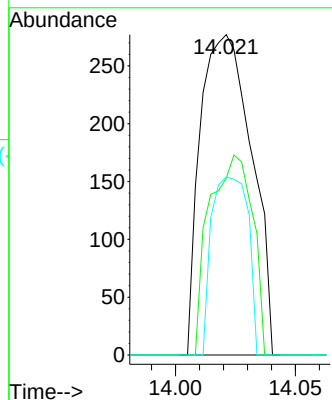


#88
Hexachlorobutadiene
Concen: 0.031 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. -0.000 min
Lab File: VU047132.D
Acq: 14 Feb 2022 14:39

Instrument :
MSVOA_U
ClientSampleId :

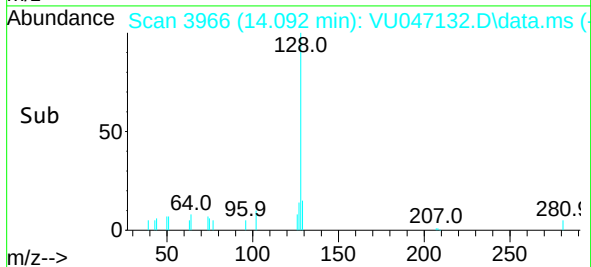
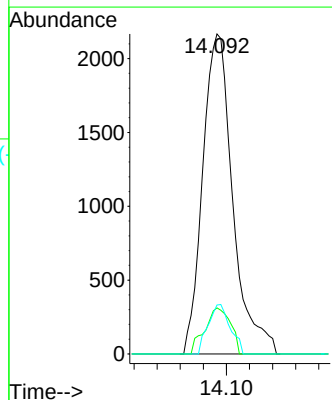
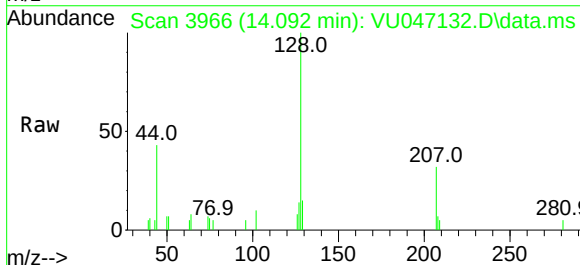


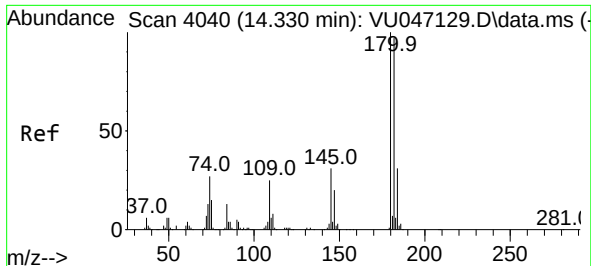
Tgt Ion:225 Resp: 410
Ion Ratio Lower Upper
225 100
223 52.9 51.1 76.7
227 39.5 49.9 74.9#



#89
Naphthalene
Concen: 0.073 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.006 min
Lab File: VU047132.D
Acq: 14 Feb 2022 14:39

Tgt Ion:128 Resp: 3916
Ion Ratio Lower Upper
128 100
127 12.3 10.6 16.0
129 11.3 8.6 13.0





#90

1,2,3-Trichlorobenzene

Concen: 0.067 ug/l

RT: 14.336 min Scan# 4040

Delta R.T. 0.006 min

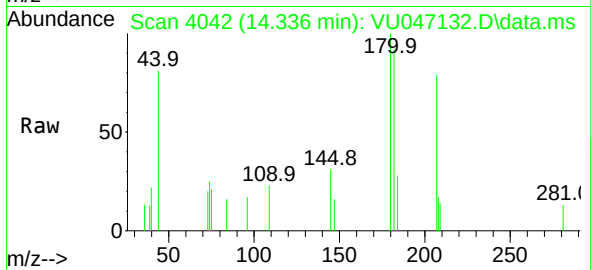
Lab File: VU047132.D

Acq: 14 Feb 2022 14:39

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 1563

Ion Ratio Lower Upper

180 100

182 91.6 75.4 113.0

145 27.8 27.0 40.4

