

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021422\
 Data File : VU047139.D
 Acq On : 14 Feb 2022 18:26
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 15 03:52:42 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	54217	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.635	95	19944	0.950	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	20416	0.933	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.530	50	256	0.014	ug/l	# 42
4) Vinyl Chloride	1.607	62	20	0.001	ug/l	# 42
9) 1,1-Dichloroethene	2.591	96	381	0.030	ug/l	49
11) Allyl Chloride	2.893	41	107	0.005	ug/l	89
12) Acrylonitrile	3.324	53	111	0.030	ug/l	# 17
13) Acetone	2.655	43	375	Below Cal	#	41
14) Carbon Disulfide	2.800	76	381	0.009	ug/l	97
15) Methylene Chloride	3.054	84	3270	0.227	ug/l	93
16) trans-1,2-Dichloroethene	3.366	96	138	0.010	ug/l	# 63
18) 2-Butanone	4.697	43	305	0.080	ug/l	77
22) cis-1,2-Dichloroethene	4.668	96	160	0.010	ug/l	# 1
25) Methyl tert-Butyl Ether	3.366	73	202	0.006	ug/l	# 56
27) Chloroform	5.095	83	1321	0.053	ug/l	83
33) Tert-Amyl methyl ether	6.124	73	796	0.021	ug/l	# 29
35) Benzene	5.774	78	389	0.007	ug/l	# 51
36) 1,2-Dichloroethane	5.803	62	209	0.012	ug/l	# 75
37) Trichloroethene	6.546	130	133	0.009	ug/l	# 72
38) 1,2-Dichloropropane	6.800	63	110	0.007	ug/l	# 44
39) Methacrylonitrile	4.976	41	95	0.019	ug/l	# 40
40) Methyl acrylate	4.845	55	39	0.005	ug/l	# 8
41) Tetrahydrofuran	5.070	42	242	0.093	ug/l	# 28
44) Bromodichloromethane	7.115	83	276	0.015	ug/l	# 83
45) 4-Methyl-2-Pentanone	7.803	43	305	0.028	ug/l	# 41
46) t-1,4-Dichloro-2-butene	10.635	75	9786	2.086	ug/l	# 22
49) Toluene	7.973	92	760	0.021	ug/l	# 75
52) 1,1,2-Trichloroethane	8.407	97	354	0.031	ug/l	# 63
54) 2-Hexanone	8.697	43	79	0.010	ug/l	# 31
58) Tetrachloroethene	8.549	164	142	0.010	ug/l	# 86
59) Chlorobenzene	9.452	112	1114	0.028	ug/l	# 88
63) Ethyl Benzene	9.578	91	1265	0.018	ug/l	96
64) m/p-Xylenes	9.703	106	691	0.026	ug/l	95
65) o-Xylene	10.102	106	649	0.025	ug/l	73
66) Styrene	10.118	104	2102	0.048	ug/l	92
67) Bromoform	10.295	173	126	0.014	ug/l	# 35
69) Isopropylbenzene	10.491	105	47	0.001	ug/l	# 49
71) 1,2,3-Trichloropropane	10.635	75	9786	0.754	ug/l	# 36
73) n-propylbenzene	10.909	120	306	0.016	ug/l	98
75) 1,3,5-Trimethylbenzene	11.092	105	66	0.001	ug/l	# 1
77) tert-Butylbenzene	11.426	119	19	0.000	ug/l	# 28
78) 1,2,4-Trimethylbenzene	11.475	105	131	0.002	ug/l	# 32
79) sec-Butylbenzene	11.475	105	131	0.002	ug/l	# 58
81) p-Isopropyltoluene	11.796	119	234	0.004	ug/l	# 50
82) 1,3-Dichlorobenzene	11.844	146	1402	0.042	ug/l	92

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 MSVOA_U
 ClientSampleId :

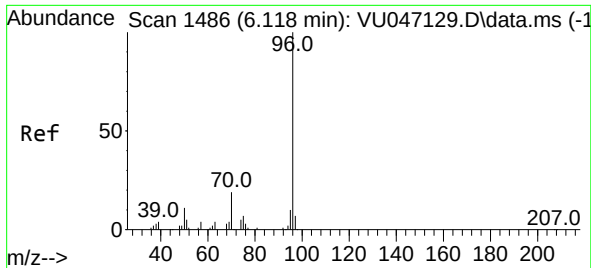
Quant Time: Feb 15 03:52:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021422DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) 1,4-Dichlorobenzene	11.844	146	1402	0.042	ug/l	92
84) n-Butylbenzene	12.214	91	197	0.003	ug/l #	67
85) 1,2-Dichlorobenzene	12.214	146	998	0.031	ug/l #	77
86) 1,2-Dibromo-3-Chloropr...	12.770	75	140	0.050	ug/l #	7
87) 1,2,4-Trichlorobenzene	13.848	180	1549	0.061	ug/l	95
89) Naphthalene	14.095	128	698	0.014	ug/l #	69
90) 1,2,3-Trichlorobenzene	14.330	180	179	0.008	ug/l #	60

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

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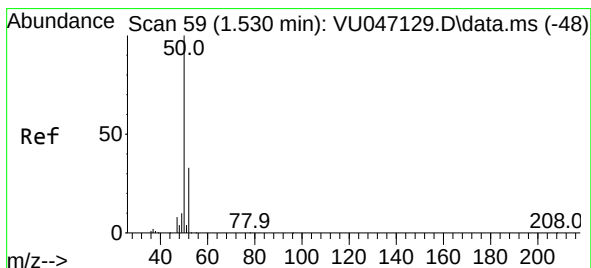
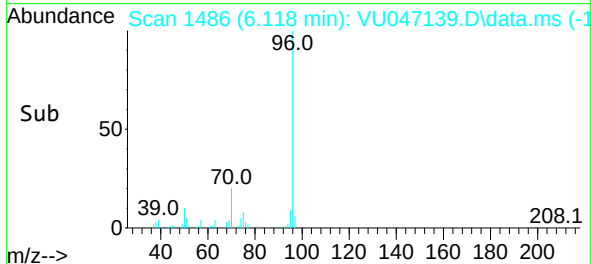
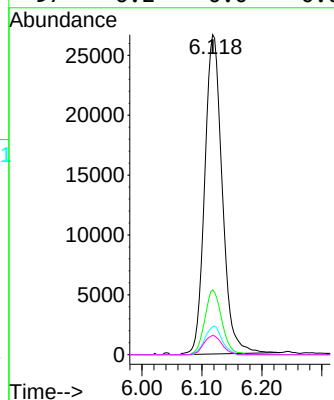
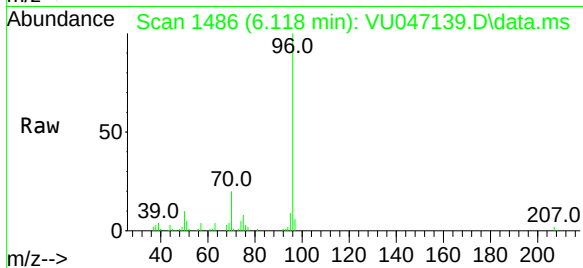




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.118 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU047139.D
Acq: 14 Feb 2022 18:26

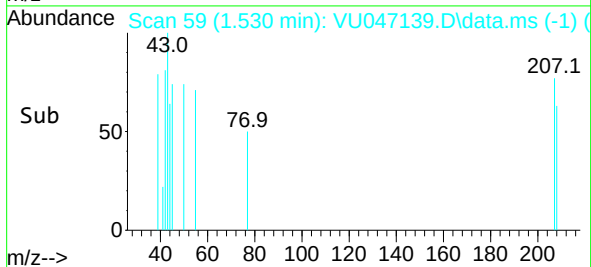
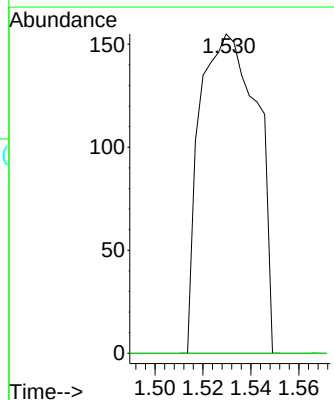
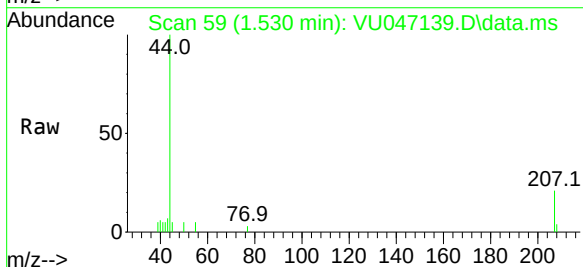
Instrument :
MSVOA_U
ClientSampleId :

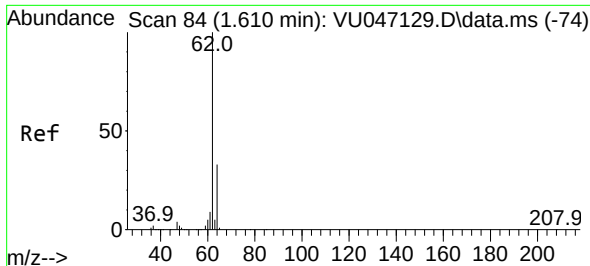
Tgt Ion: 96 Resp: 54217
Ion Ratio Lower Upper
96 100
70 19.7 16.8 25.2
95 8.7 7.3 10.9
97 6.2 0.0 0.0#



#3
Chloromethane
Concen: 0.014 ug/l
RT: 1.530 min Scan# 59
Delta R.T. -0.000 min
Lab File: VU047139.D
Acq: 14 Feb 2022 18:26

Tgt Ion: 50 Resp: 256
Ion Ratio Lower Upper
50 100
52 0.0 26.2 39.4#

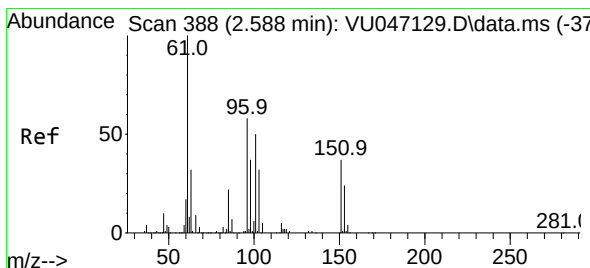
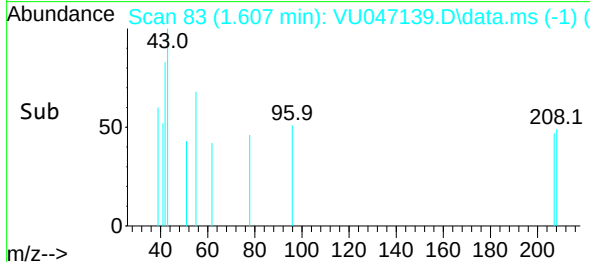
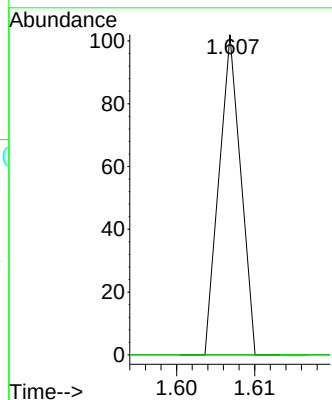
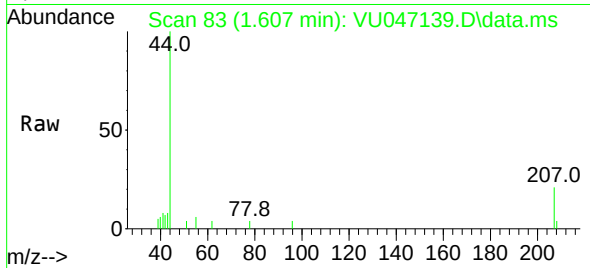




#4
 Vinyl Chloride
 Concen: 0.001 ug/l
 RT: 1.607 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU047139.D
 Acq: 14 Feb 2022 18:26

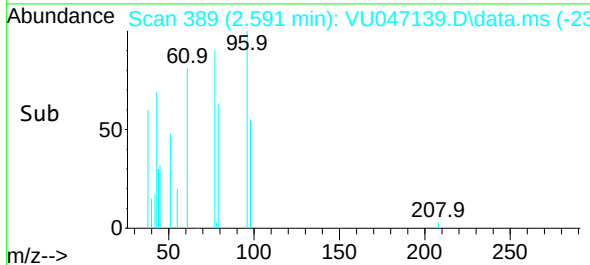
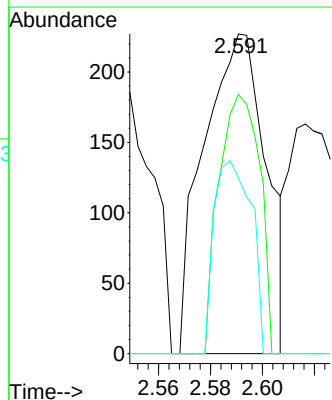
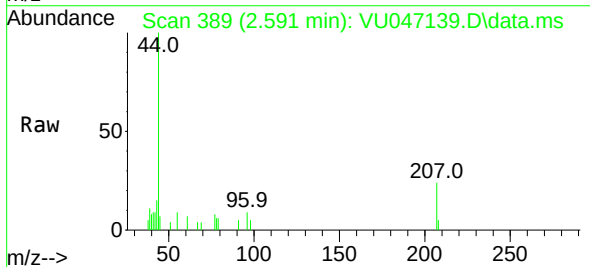
Instrument :
 MSVOA_U
 ClientSampleId :

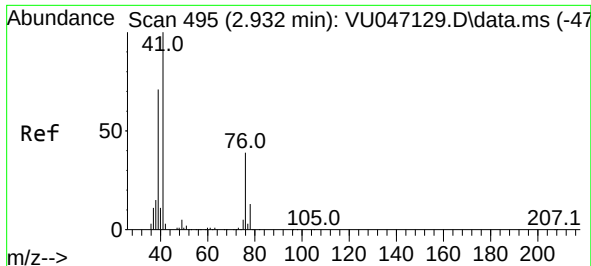
Tgt Ion: 62 Resp: 20
 Ion Ratio Lower Upper
 62 100
 64 0.0 26.0 39.0#



#9
 1,1-Dichloroethene
 Concen: 0.030 ug/l
 RT: 2.591 min Scan# 389
 Delta R.T. 0.003 min
 Lab File: VU047139.D
 Acq: 14 Feb 2022 18:26

Tgt Ion: 96 Resp: 381
 Ion Ratio Lower Upper
 96 100
 61 81.1 0.0 514.2
 98 55.1 0.0 126.4





#11

Allyl Chloride

Concen: 0.005 ug/l

RT: 2.893 min Scan# 41

Delta R.T. -0.039 min

Lab File: VU047139.D

Acq: 14 Feb 2022 18:26

Instrument :

MSVOA_U

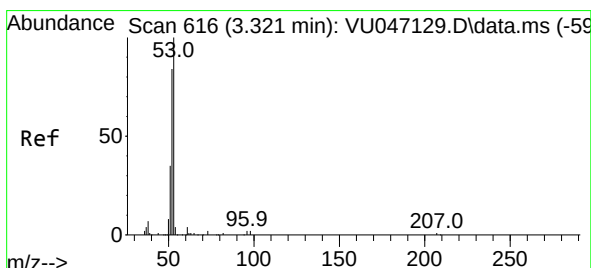
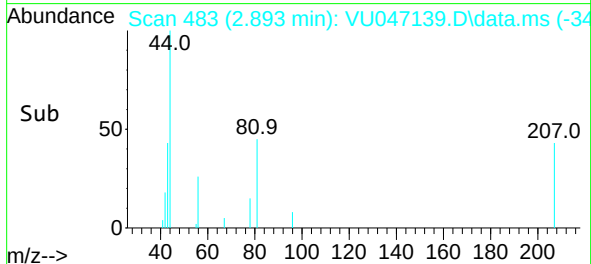
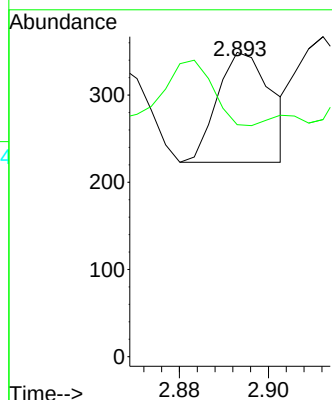
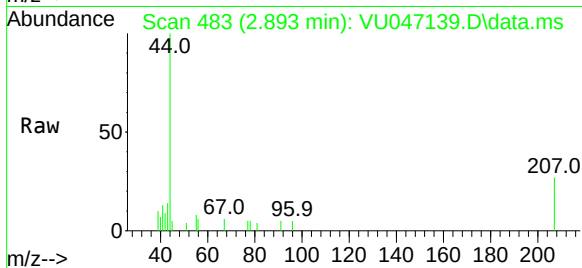
ClientSampleId :

Tgt Ion: 41 Resp: 107

Ion Ratio Lower Upper

41 100

39 87.9 62.4 93.6



#12

Acrylonitrile

Concen: 0.030 ug/l

RT: 3.324 min Scan# 617

Delta R.T. 0.003 min

Lab File: VU047139.D

Acq: 14 Feb 2022 18:26

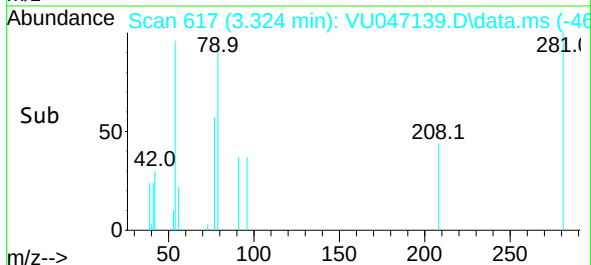
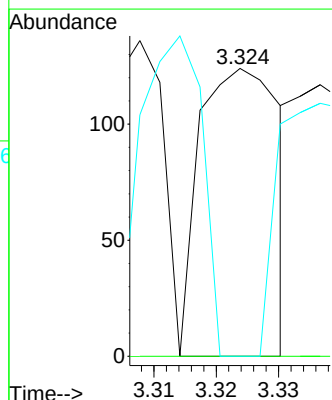
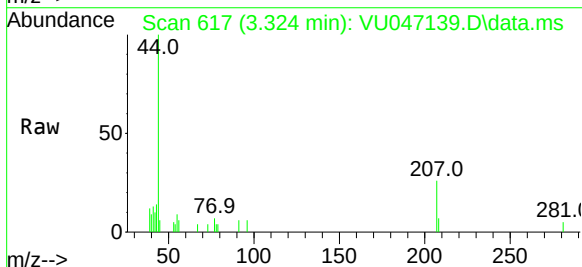
Tgt Ion: 53 Resp: 111

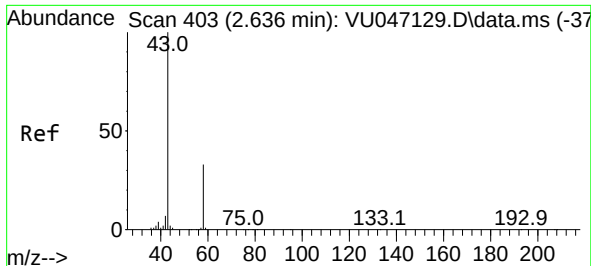
Ion Ratio Lower Upper

53 100

52 0.0 56.7 85.1#

51 84.7 30.3 45.5#





#13

Acetone

Concen: Below Cal

RT: 2.655 min Scan# 403

Delta R.T. 0.019 min

Lab File: VU047139.D

Acq: 14 Feb 2022 18:26

Instrument :

MSVOA_U

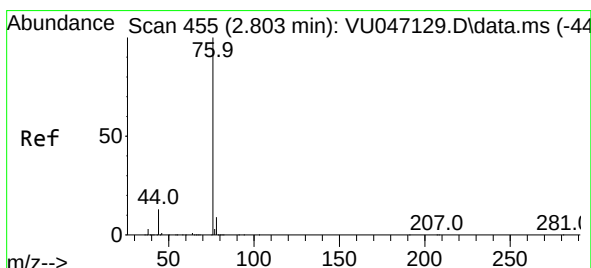
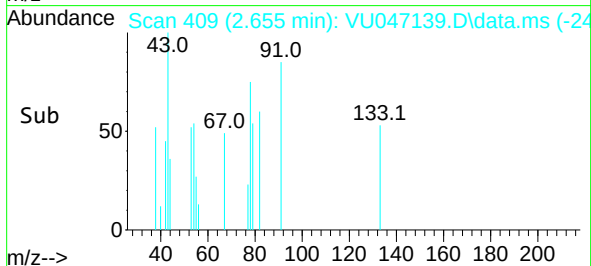
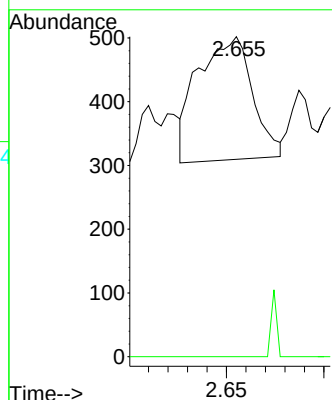
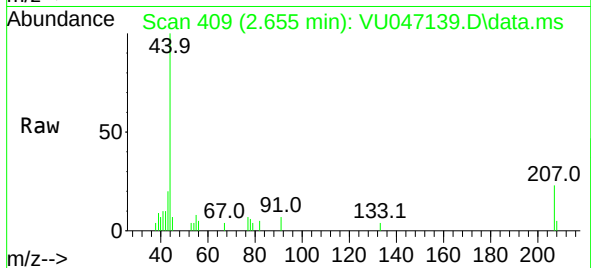
ClientSampleId :

Tgt Ion: 43 Resp: 375

Ion Ratio Lower Upper

43 100

58 0.0 27.1 40.7#



#14

Carbon Disulfide

Concen: 0.009 ug/l

RT: 2.800 min Scan# 454

Delta R.T. -0.003 min

Lab File: VU047139.D

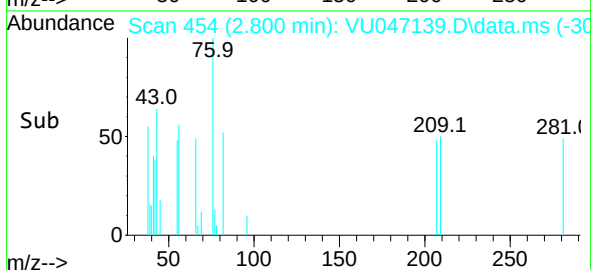
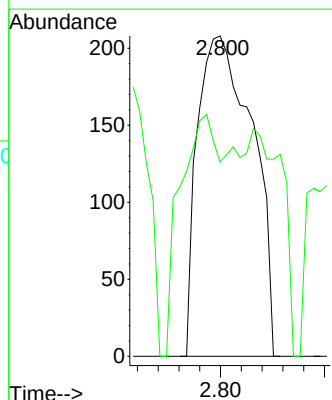
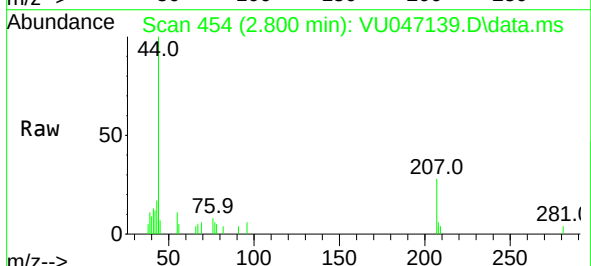
Acq: 14 Feb 2022 18:26

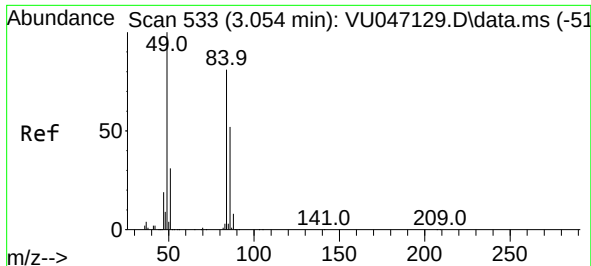
Tgt Ion: 76 Resp: 381

Ion Ratio Lower Upper

76 100

78 7.7 7.1 10.7

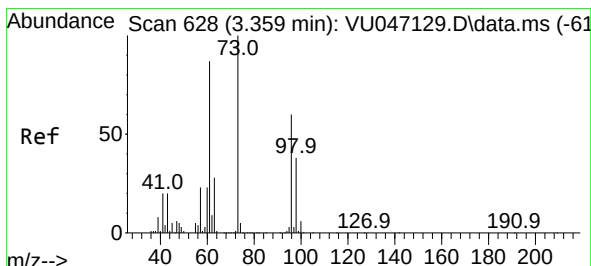
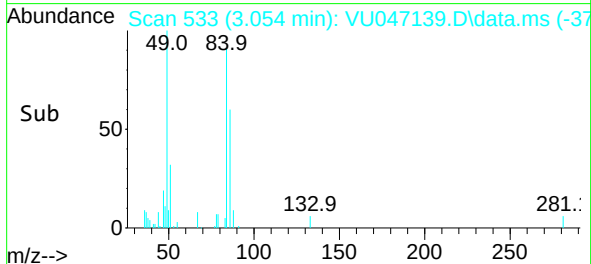
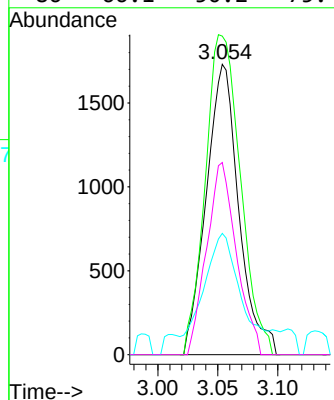
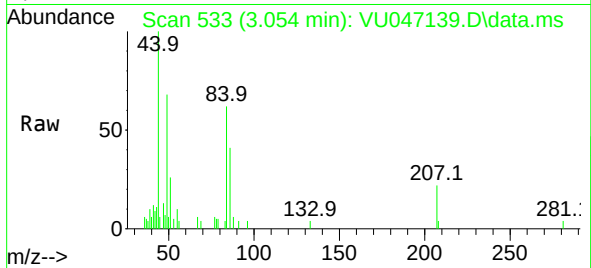




#15
Methylene Chloride
Concen: 0.227 ug/l
RT: 3.054 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU047139.D
Acq: 14 Feb 2022 18:26

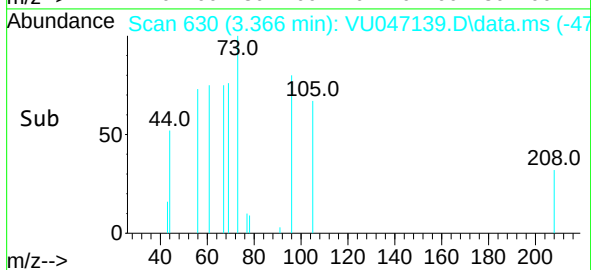
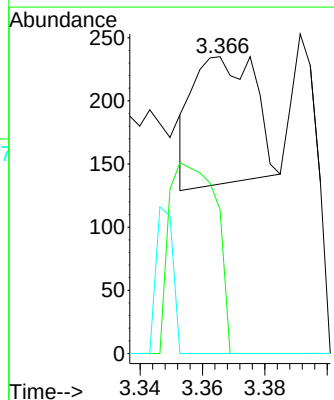
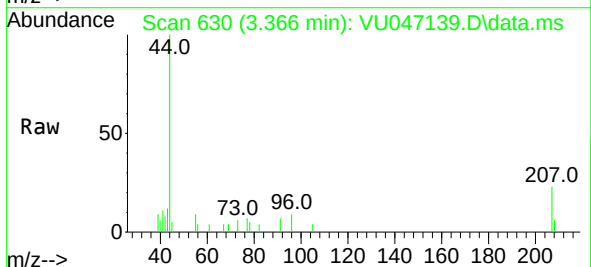
Instrument :
MSVOA_U
ClientSampleId :

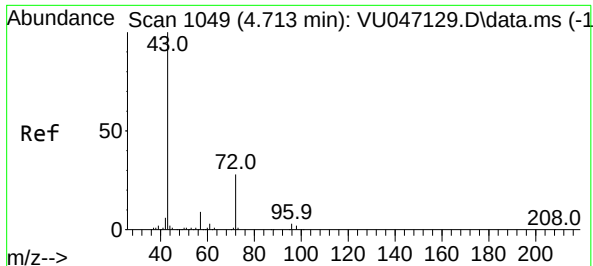
Tgt Ion: 84 Resp: 3270
Ion Ratio Lower Upper
84 100
49 109.6 97.2 145.8
51 35.5 0.0 73.4
86 66.1 50.2 75.4



#16
trans-1,2-Dichloroethene
Concen: 0.010 ug/l
RT: 3.366 min Scan# 630
Delta R.T. 0.006 min
Lab File: VU047139.D
Acq: 14 Feb 2022 18:26

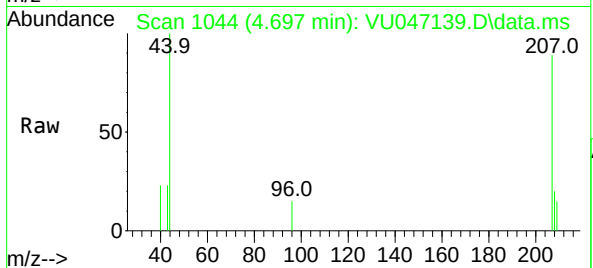
Tgt Ion: 96 Resp: 138
Ion Ratio Lower Upper
96 100
61 122.6 115.8 173.6
98 0.0 51.1 76.7#



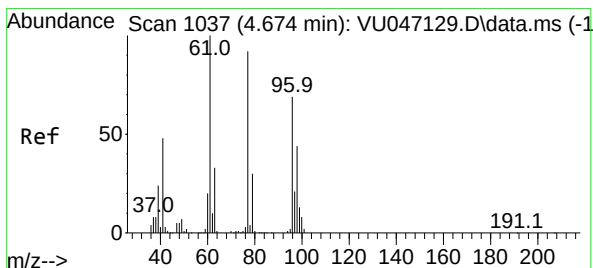
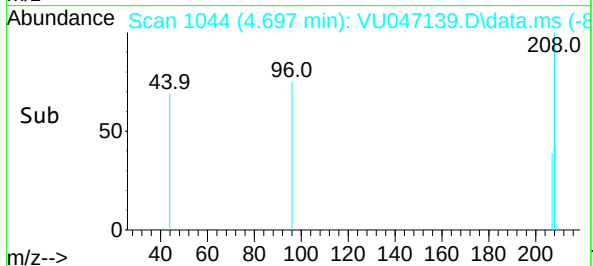
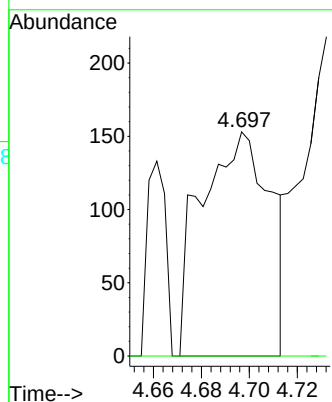


#18
2-Butanone
Concen: 0.080 ug/l
RT: 4.697 min Scan# 1044
Delta R.T. -0.016 min
Lab File: VU047139.D
Acq: 14 Feb 2022 18:26

Instrument :
MSVOA_U
ClientSampleId :

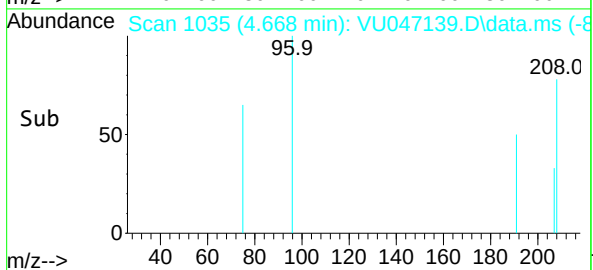
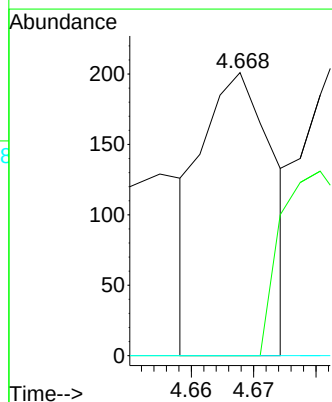
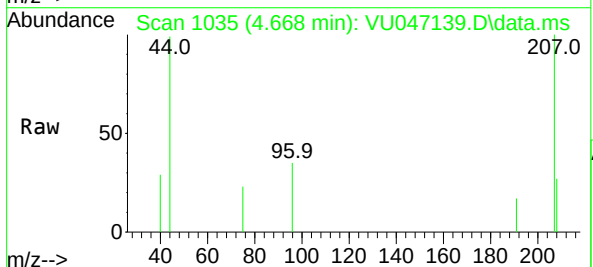


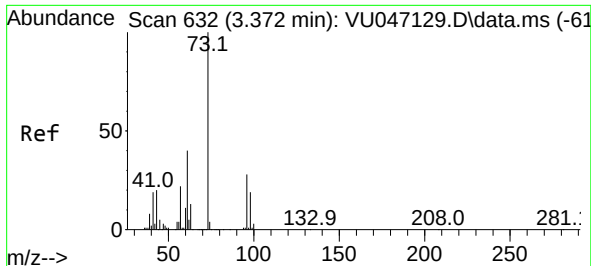
Tgt Ion: 43 Resp: 305
Ion Ratio Lower Upper
43 100
57 0.0 0.0 16.6



#22
cis-1,2-Dichloroethene
Concen: 0.010 ug/l
RT: 4.668 min Scan# 1035
Delta R.T. -0.007 min
Lab File: VU047139.D
Acq: 14 Feb 2022 18:26

Tgt Ion: 96 Resp: 160
Ion Ratio Lower Upper
96 100
61 0.0 0.0 385.3
98 0.0 32.1 96.3#

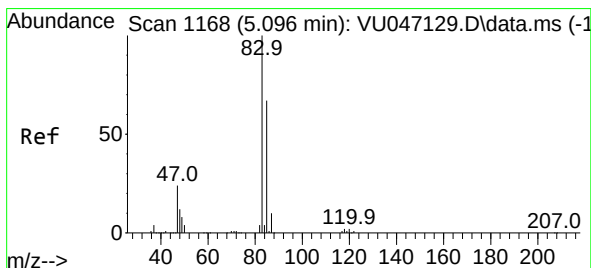
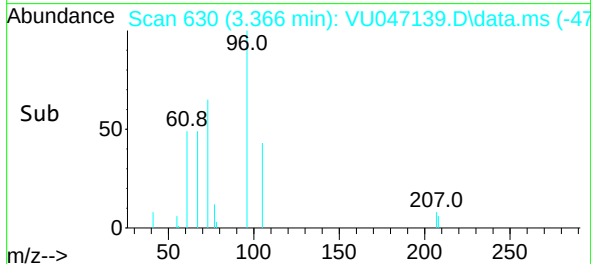
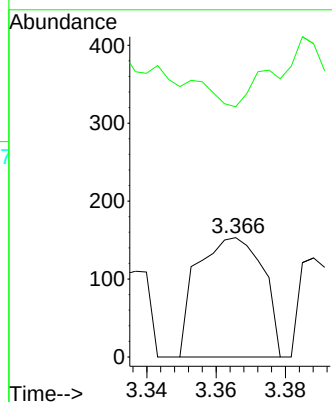
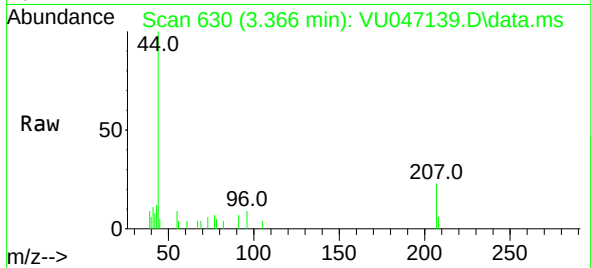




#25
Methyl tert-Butyl Ether
Concen: 0.006 ug/l
RT: 3.366 min Scan# 61
Delta R.T. -0.007 min
Lab File: VU047139.D
Acq: 14 Feb 2022 18:26

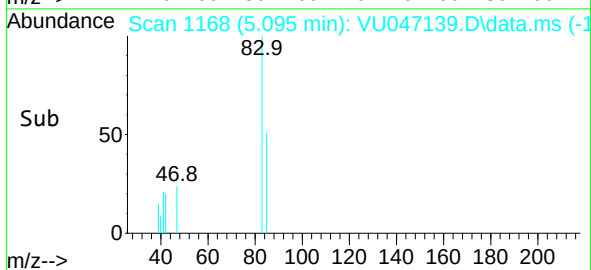
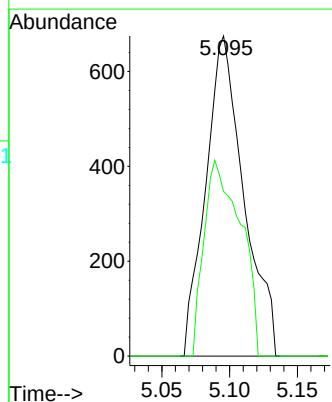
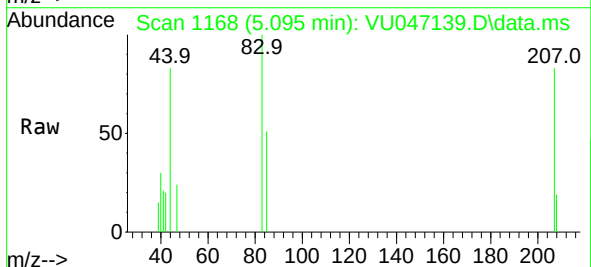
Instrument :
MSVOA_U
ClientSampleId :

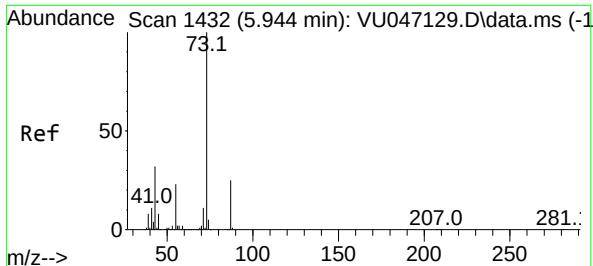
Tgt Ion: 73 Resp: 202
Ion Ratio Lower Upper
73 100
43 0.0 16.3 24.5#



#27
Chloroform
Concen: 0.053 ug/l
RT: 5.095 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VU047139.D
Acq: 14 Feb 2022 18:26

Tgt Ion: 83 Resp: 1321
Ion Ratio Lower Upper
83 100
85 51.4 0.0 129.2





#33

Tert-Amyl methyl ether

Concen: 0.021 ug/l

RT: 6.124 min Scan# 1432

Delta R.T. 0.180 min

Lab File: VU047139.D

Acq: 14 Feb 2022 18:26

Instrument :

MSVOA_U

ClientSampleId :

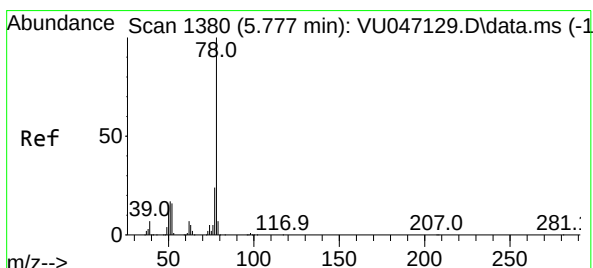
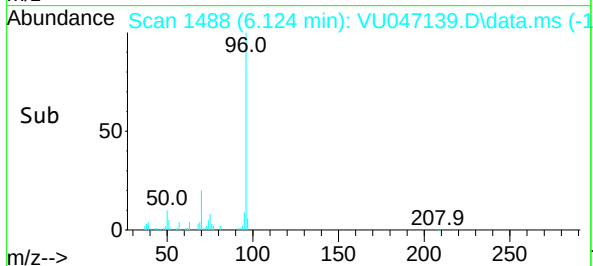
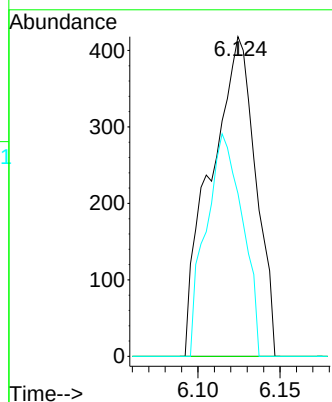
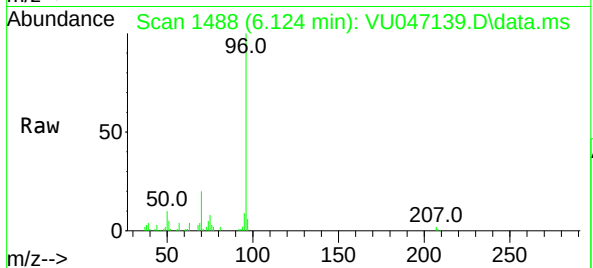
Tgt Ion: 73 Resp: 796

Ion Ratio Lower Upper

73 100

87 0.0 18.6 28.0#

71 56.3 9.0 13.6#



#35

Benzene

Concen: 0.007 ug/l

RT: 5.774 min Scan# 1379

Delta R.T. -0.003 min

Lab File: VU047139.D

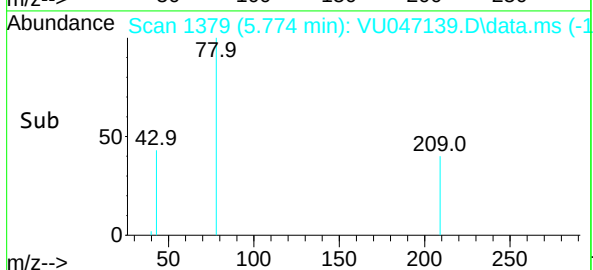
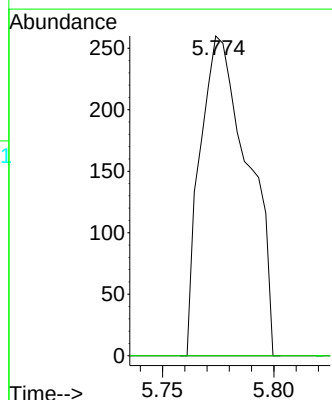
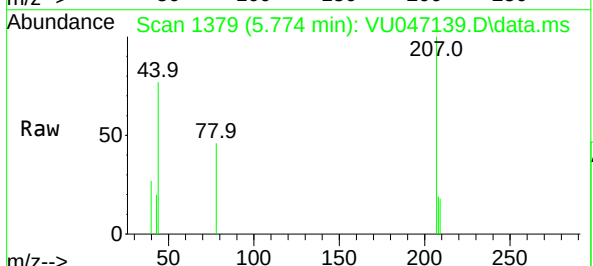
Acq: 14 Feb 2022 18:26

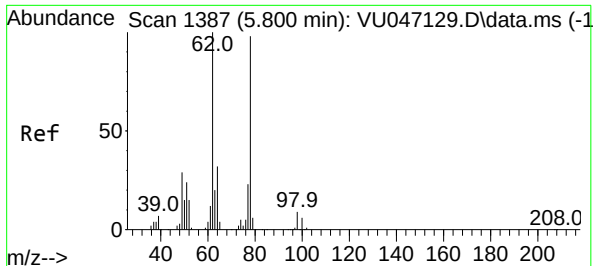
Tgt Ion: 78 Resp: 389

Ion Ratio Lower Upper

78 100

77 0.0 19.1 28.7#





#36

1,2-Dichloroethane

Concen: 0.012 ug/l

RT: 5.803 min Scan# 11

Delta R.T. 0.003 min

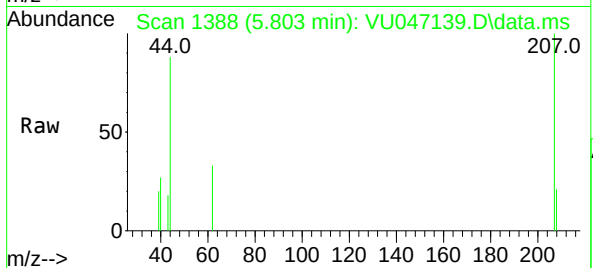
Lab File: VU047139.D

Acq: 14 Feb 2022 18:26

Instrument :

MSVOA_U

ClientSampleId :

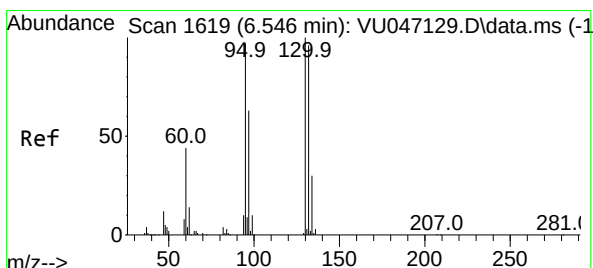
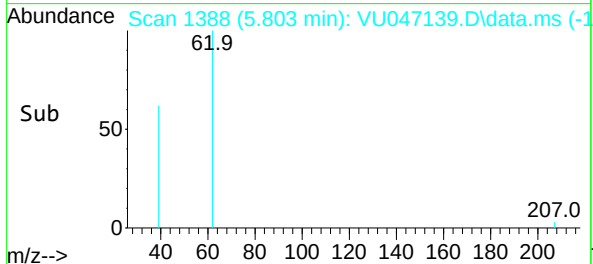
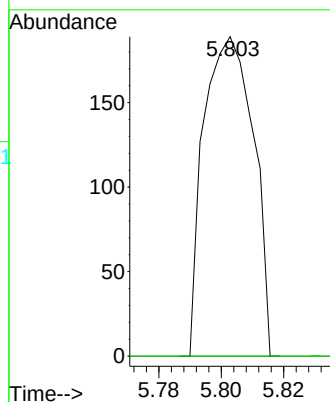


Tgt Ion: 62 Resp: 209

Ion Ratio Lower Upper

62 100

98 0.0 7.3 10.9#



#37

Trichloroethene

Concen: 0.009 ug/l

RT: 6.546 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VU047139.D

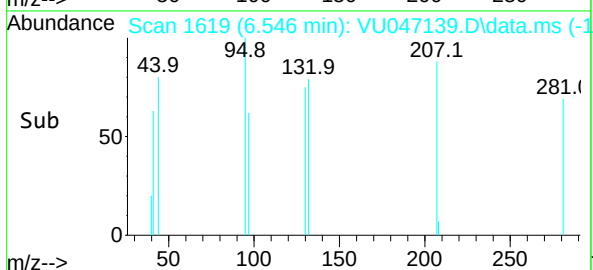
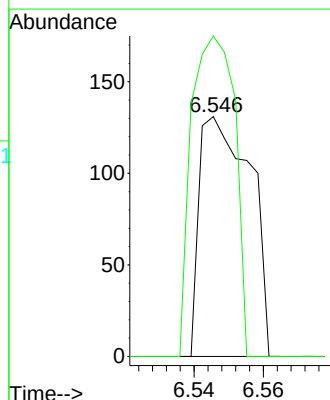
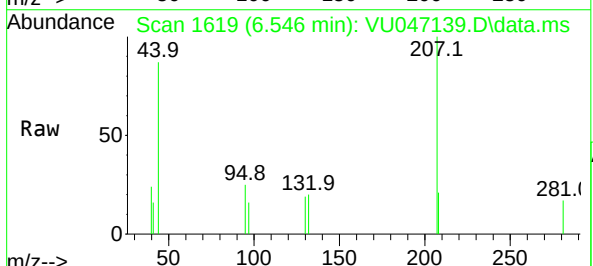
Acq: 14 Feb 2022 18:26

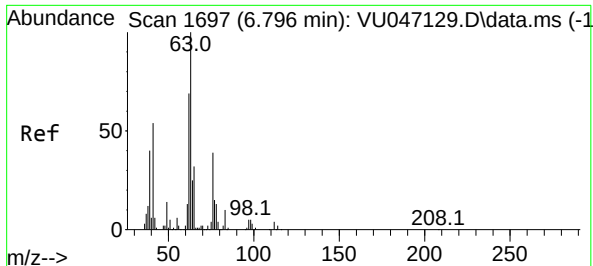
Tgt Ion: 130 Resp: 133

Ion Ratio Lower Upper

130 100

95 133.6 83.8 125.8#





#38

1,2-Dichloropropane

Concen: 0.007 ug/l

RT: 6.800 min Scan# 110

Delta R.T. 0.003 min

Lab File: VU047139.D

Acq: 14 Feb 2022 18:26

Instrument :

MSVOA_U

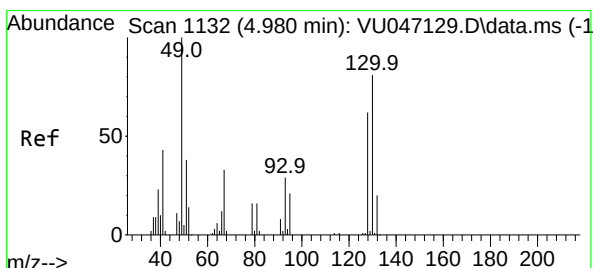
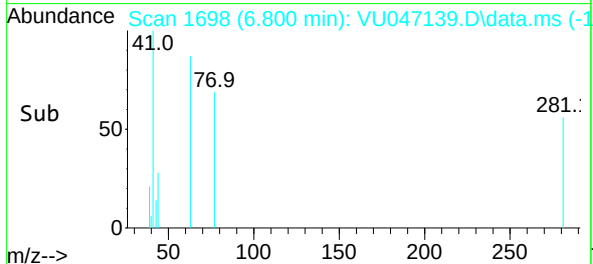
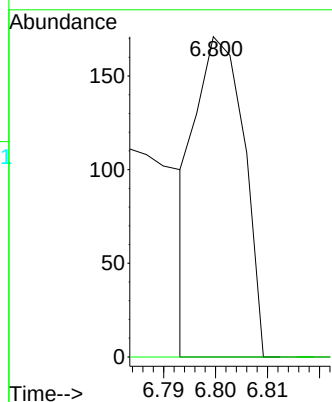
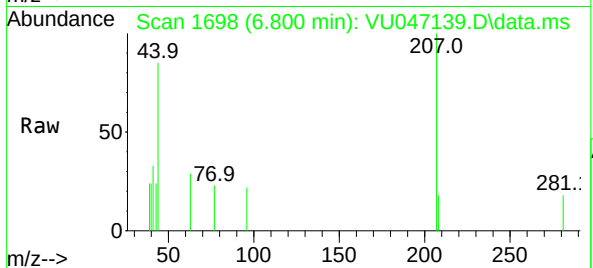
ClientSampleId :

Tgt Ion: 63 Resp: 110

Ion Ratio Lower Upper

63 100

65 0.0 24.7 37.1#



#39

Methacrylonitrile

Concen: 0.019 ug/l

RT: 4.976 min Scan# 1131

Delta R.T. -0.003 min

Lab File: VU047139.D

Acq: 14 Feb 2022 18:26

Tgt Ion: 41 Resp: 95

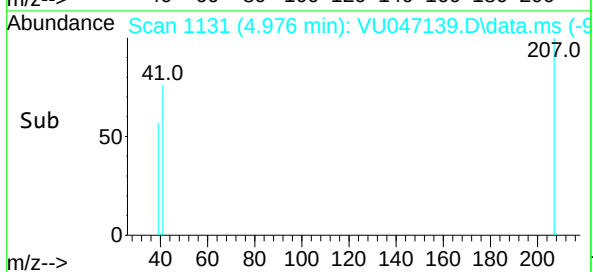
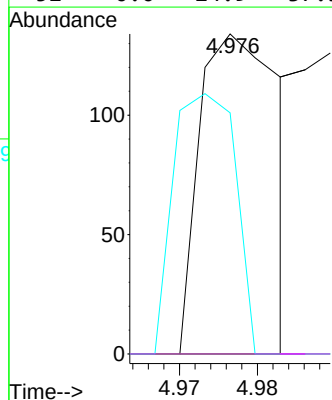
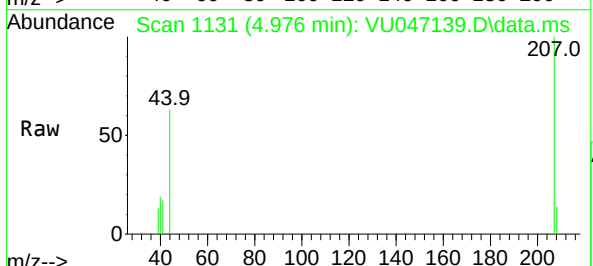
Ion Ratio Lower Upper

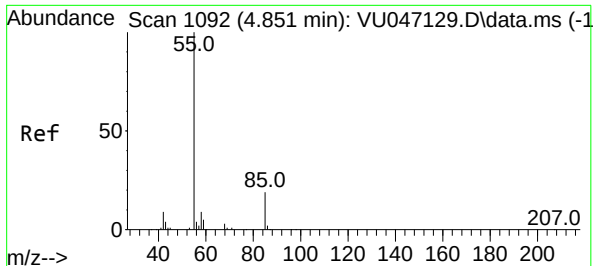
41 100

67 0.0 65.2 97.8#

39 63.2 43.0 64.6

52 0.0 24.9 37.3#





#40

Methyl acrylate

Concen: 0.005 ug/l

RT: 4.845 min Scan# 1160

Delta R.T. -0.007 min

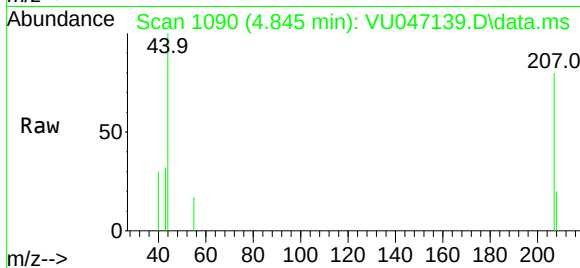
Lab File: VU047139.D

Acq: 14 Feb 2022 18:26

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 55 Resp: 39

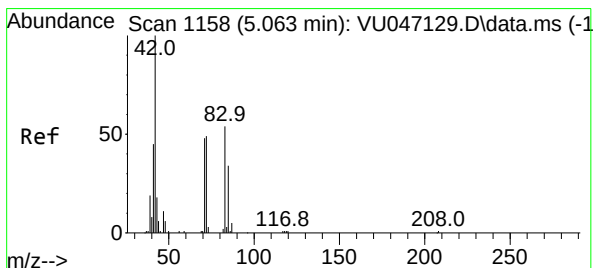
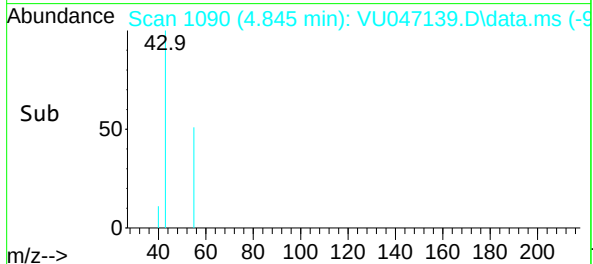
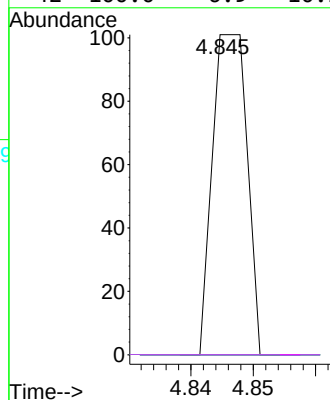
Ion Ratio Lower Upper

55 100

85 0.0 12.2 18.2#

58 0.0 6.7 10.1#

42 100.0 6.9 10.3#



#41

Tetrahydrofuran

Concen: 0.093 ug/l

RT: 5.070 min Scan# 1160

Delta R.T. 0.006 min

Lab File: VU047139.D

Acq: 14 Feb 2022 18:26

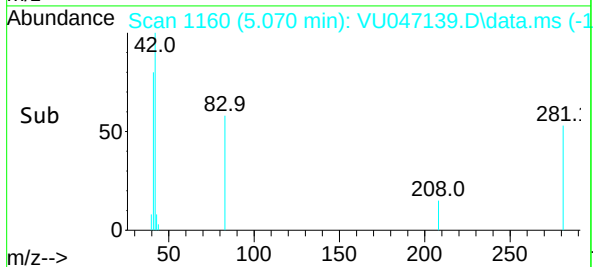
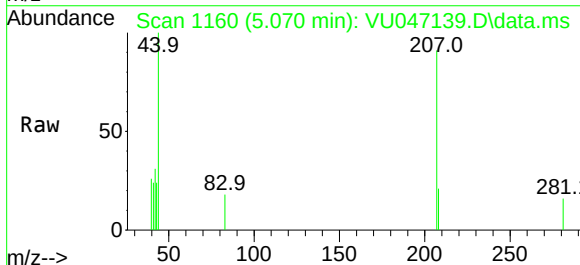
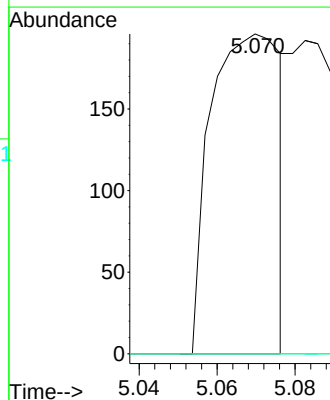
Tgt Ion: 42 Resp: 242

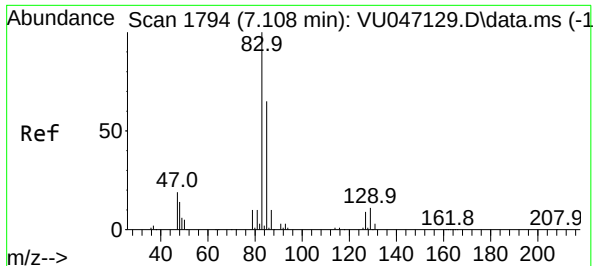
Ion Ratio Lower Upper

42 100

72 0.0 42.4 63.6#

71 0.0 36.4 54.6#





#44

Bromodichloromethane

Concen: 0.015 ug/l

RT: 7.115 min Scan# 11

Delta R.T. 0.006 min

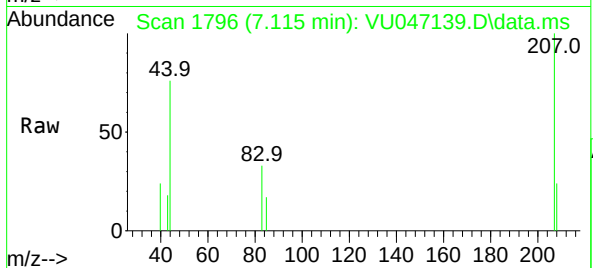
Lab File: VU047139.D

Acq: 14 Feb 2022 18:26

Instrument :

MSVOA_U

ClientSampleId :



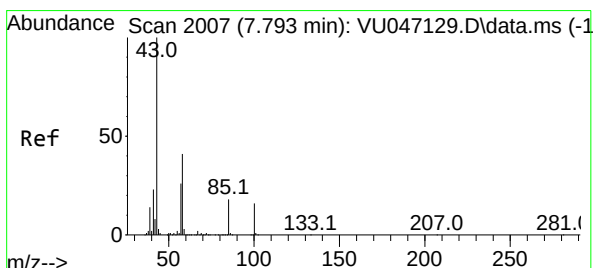
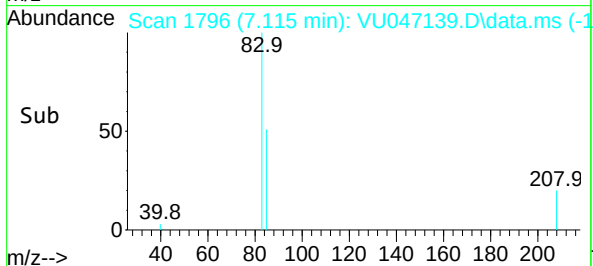
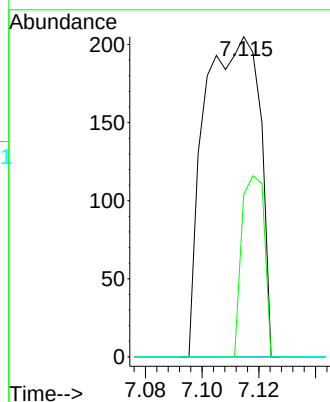
Tgt Ion: 83 Resp: 276

Ion Ratio Lower Upper

83 100

85 50.7 50.9 76.3#

127 0.0 6.0 9.0#



#45

4-Methyl-2-Pentanone

Concen: 0.028 ug/l

RT: 7.803 min Scan# 2010

Delta R.T. 0.010 min

Lab File: VU047139.D

Acq: 14 Feb 2022 18:26

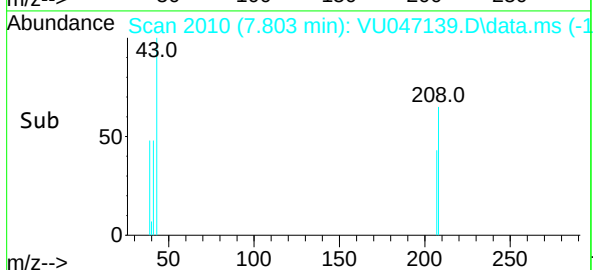
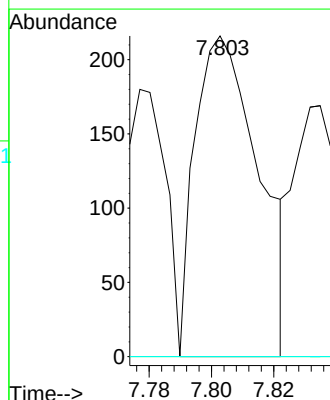
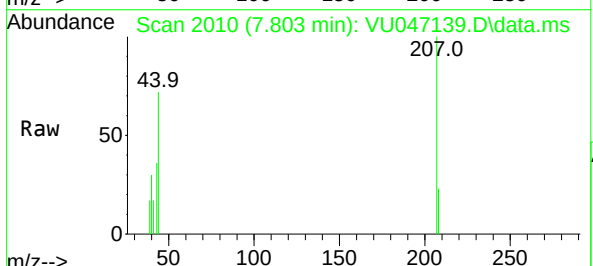
Tgt Ion: 43 Resp: 305

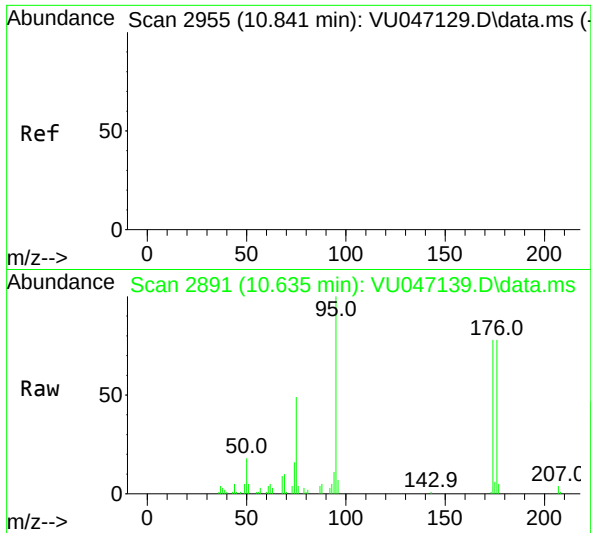
Ion Ratio Lower Upper

43 100

58 0.0 21.0 63.0#

85 0.0 14.8 22.2#

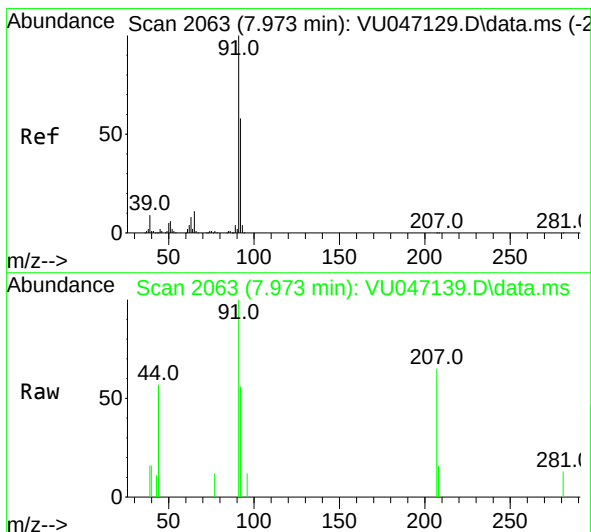
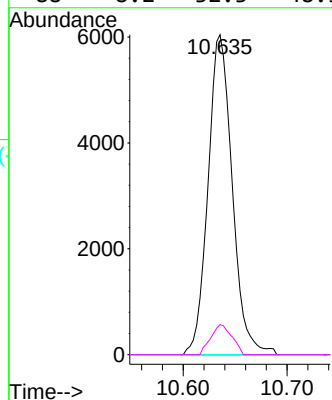
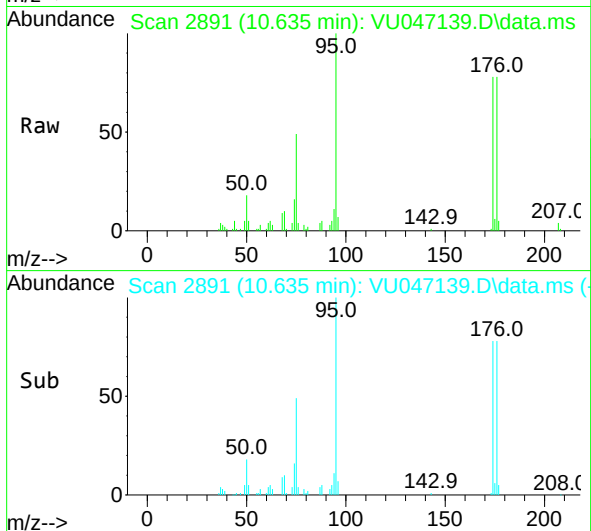




#46
t-1,4-Dichloro-2-butene
Concen: 2.086 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.206 min
Lab File: VU047139.D
Acq: 14 Feb 2022 18:26

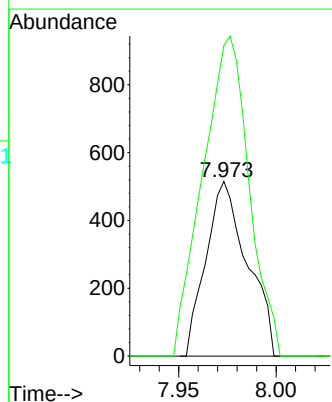
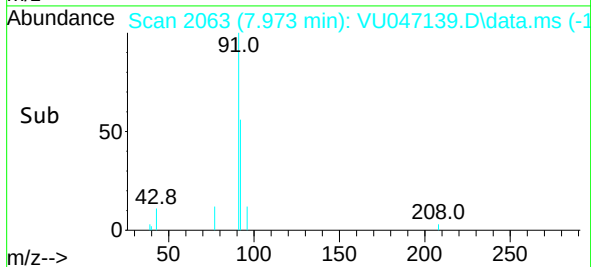
Instrument :
MSVOA_U
ClientSampleId :

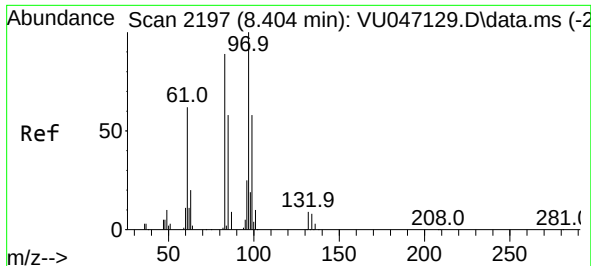
Tgt Ion: 75 Resp: 9786
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 41.7 62.5#
88 8.2 32.3 48.5#



#49
Toluene
Concen: 0.021 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU047139.D
Acq: 14 Feb 2022 18:26

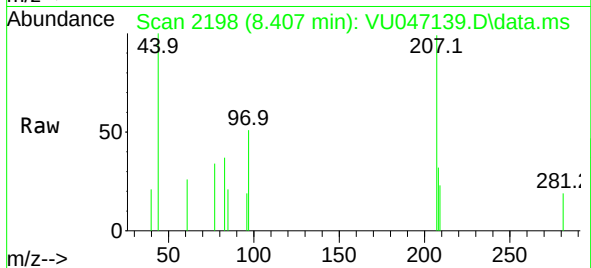
Tgt Ion: 92 Resp: 760
Ion Ratio Lower Upper
92 100
91 205.4 136.8 205.2#



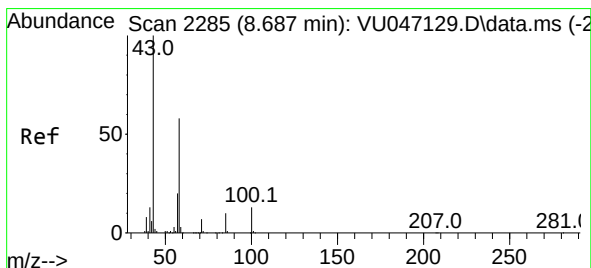
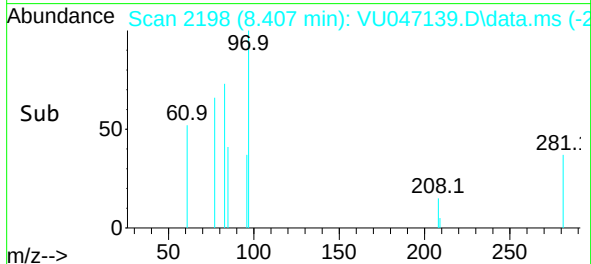
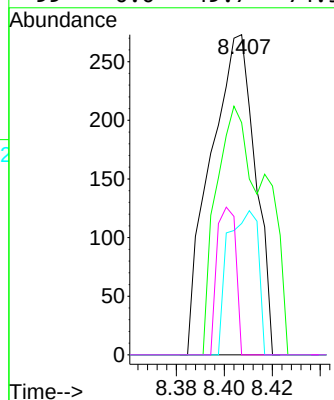


#52
1,1,2-Trichloroethane
Concen: 0.031 ug/l
RT: 8.407 min Scan# 2197
Delta R.T. 0.003 min
Lab File: VU047139.D
Acq: 14 Feb 2022 18:26

Instrument :
MSVOA_U
ClientSampleId :

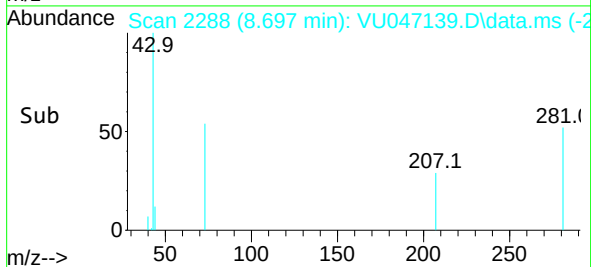
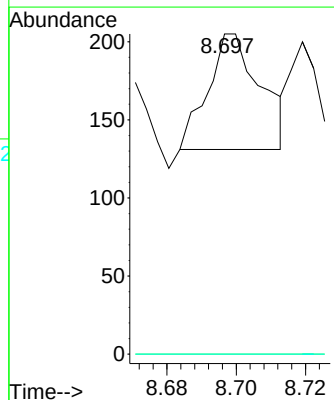
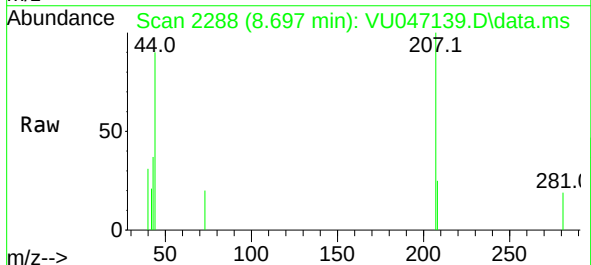


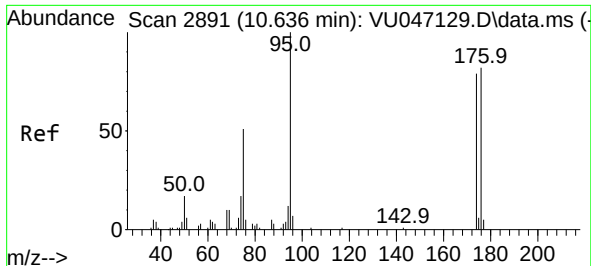
Tgt Ion: 97 Resp: 354
Ion Ratio Lower Upper
97 100
83 72.5 69.8 104.8
85 41.0 44.2 66.4#
99 0.0 49.7 74.5#



#54
2-Hexanone
Concen: 0.010 ug/l
RT: 8.697 min Scan# 2288
Delta R.T. 0.010 min
Lab File: VU047139.D
Acq: 14 Feb 2022 18:26

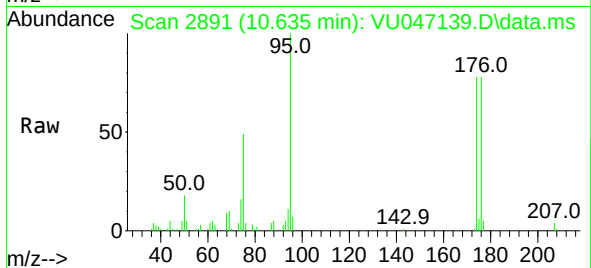
Tgt Ion: 43 Resp: 79
Ion Ratio Lower Upper
43 100
58 0.0 37.7 77.7#
57 0.0 0.5 40.5#



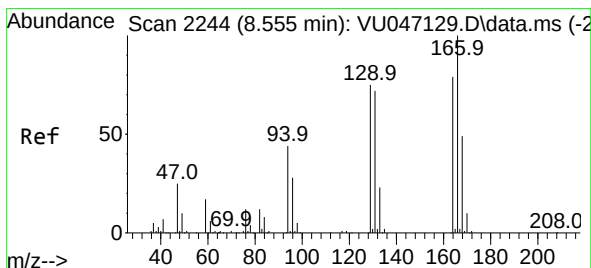
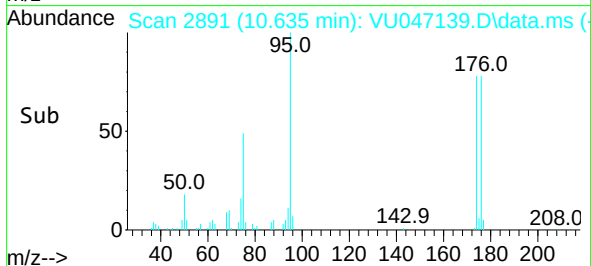
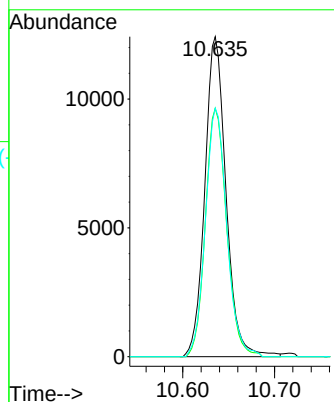


#57
4-Bromofluorobenzene
Concen: 0.950 ug/l
RT: 10.635 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047139.D
Acq: 14 Feb 2022 18:26

Instrument :
MSVOA_U
ClientSampleId :

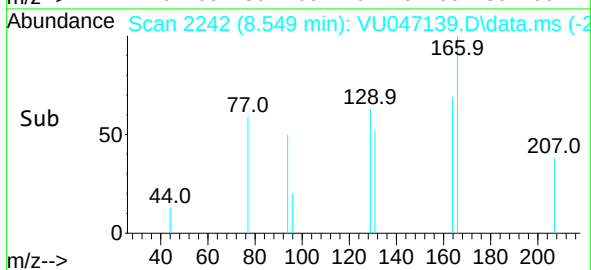
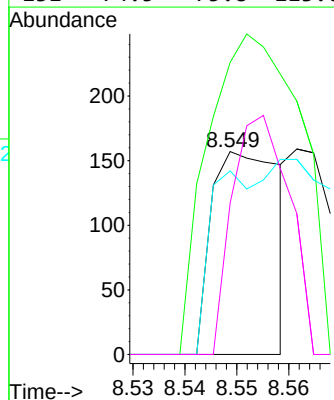
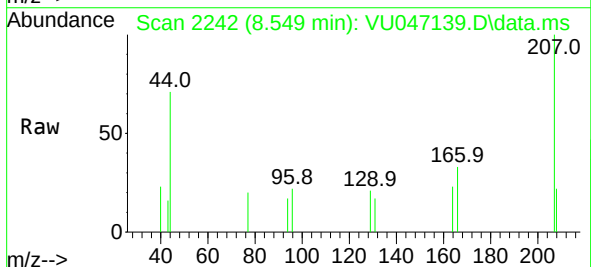


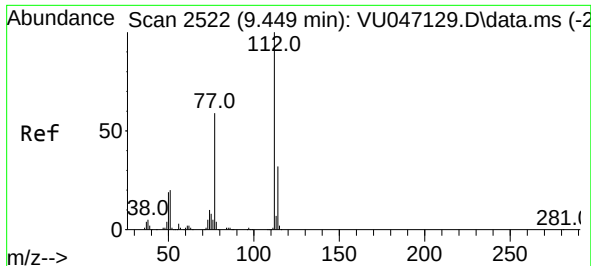
Tgt Ion:	95	Resp:	19944
Ion	Ratio	Lower	Upper
95	100		
174	77.7	56.6	84.8
176	78.4	54.3	81.5



#58
Tetrachloroethene
Concen: 0.010 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. -0.007 min
Lab File: VU047139.D
Acq: 14 Feb 2022 18:26

Tgt Ion:	164	Resp:	142
Ion	Ratio	Lower	Upper
164	100		
166	143.9	102.0	153.0
129	90.4	77.1	115.7
131	74.5	75.8	113.6





#59

Chlorobenzene

Concen: 0.028 ug/l

RT: 9.452 min Scan# 2

Delta R.T. 0.003 min

Lab File: VU047139.D

Acq: 14 Feb 2022 18:26

Instrument :

MSVOA_U

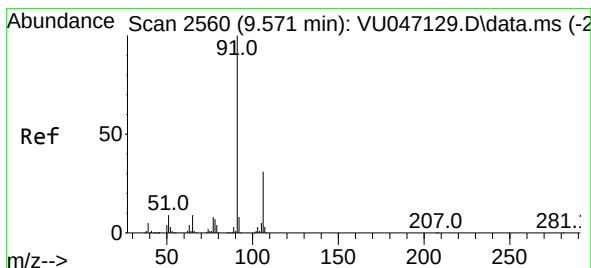
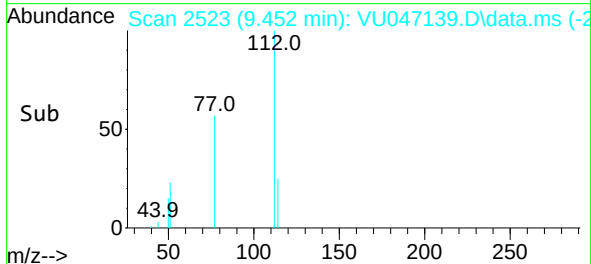
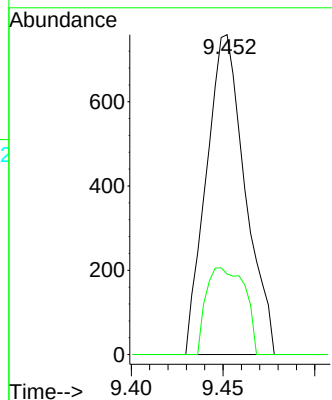
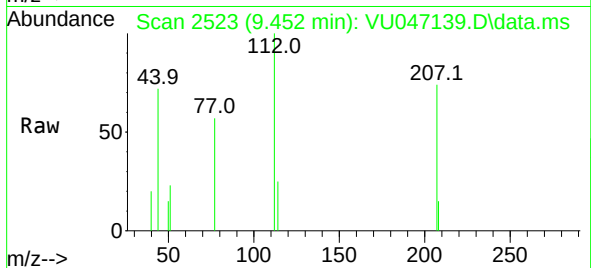
ClientSampleId :

Tgt Ion:112 Resp: 1114

Ion Ratio Lower Upper

112 100

114 25.2 25.4 38.0#



#63

Ethyl Benzene

Concen: 0.018 ug/l

RT: 9.578 min Scan# 2562

Delta R.T. 0.006 min

Lab File: VU047139.D

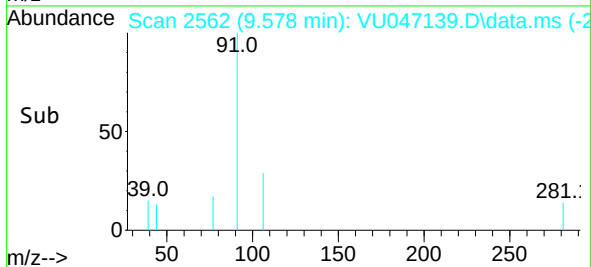
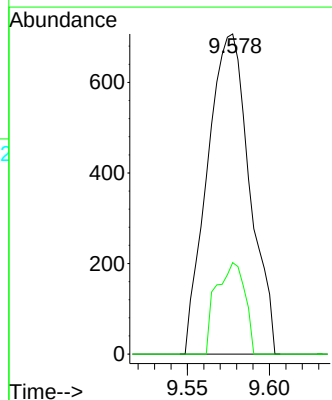
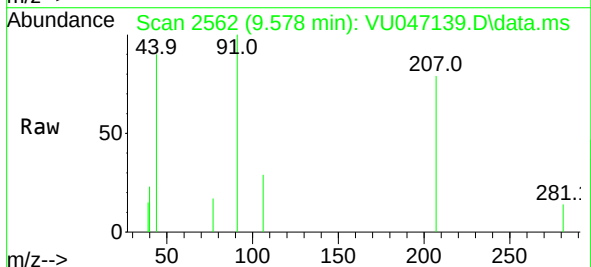
Acq: 14 Feb 2022 18:26

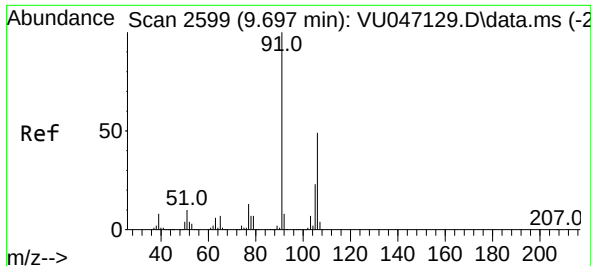
Tgt Ion: 91 Resp: 1265

Ion Ratio Lower Upper

91 100

106 28.6 24.4 36.6

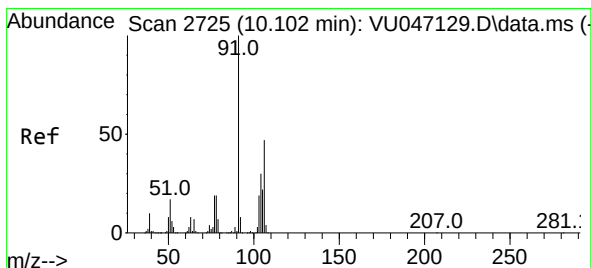
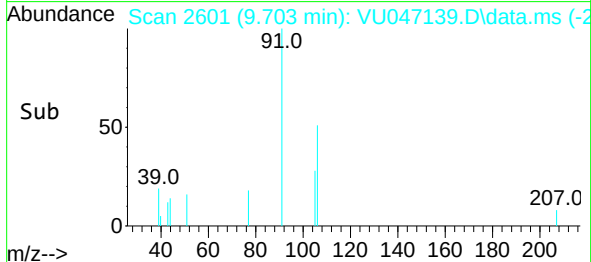
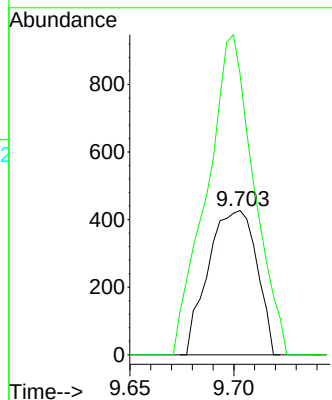
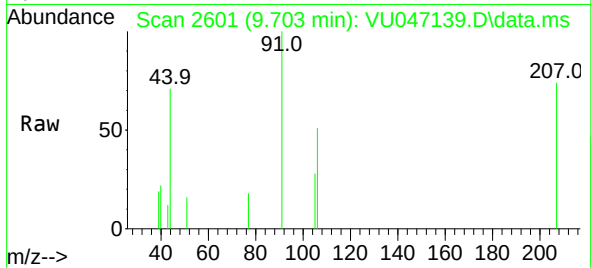




#64
m/p-Xylenes
Concen: 0.026 ug/l
RT: 9.703 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VU047139.D
Acq: 14 Feb 2022 18:26

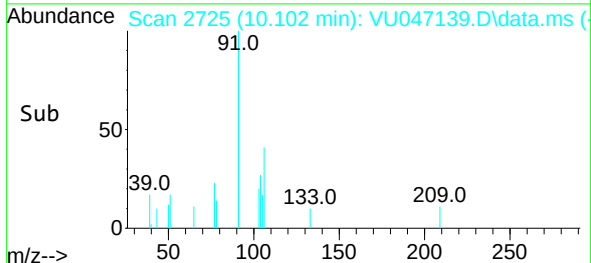
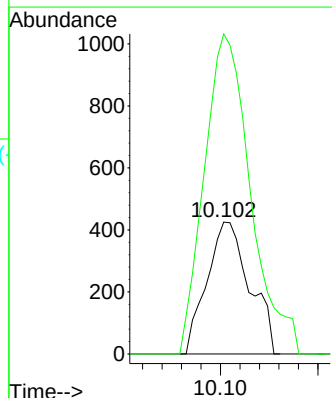
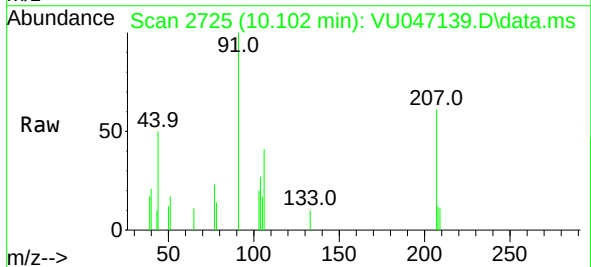
Instrument :
MSVOA_U
ClientSampleId :

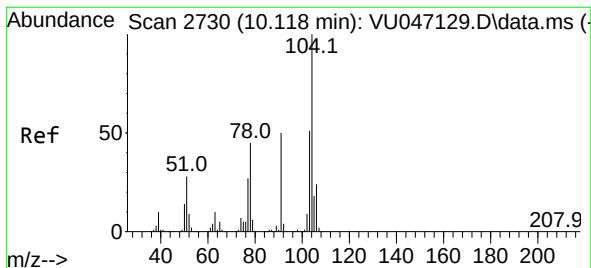
Tgt Ion:106 Resp: 691
Ion Ratio Lower Upper
106 100
91 214.6 165.5 248.3



#65
o-Xylene
Concen: 0.025 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU047139.D
Acq: 14 Feb 2022 18:26

Tgt Ion:106 Resp: 649
Ion Ratio Lower Upper
106 100
91 262.4 109.4 328.2





#66

Styrene

Concen: 0.048 ug/l

RT: 10.118 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU047139.D

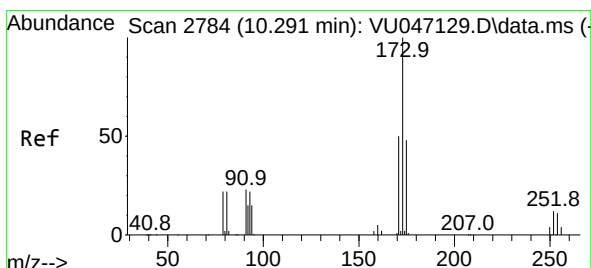
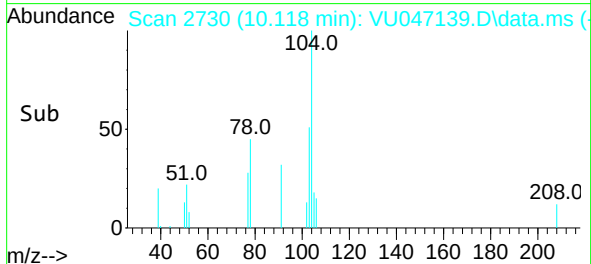
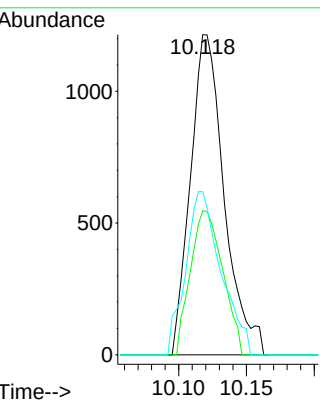
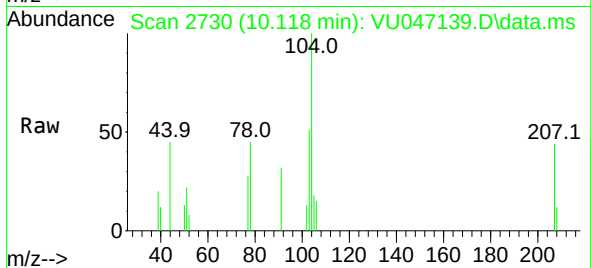
Acq: 14 Feb 2022 18:26

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	104	Resp:	2102
Ion Ratio	Lower	Upper	
104	100		
78	43.1	42.4	63.6
103	53.4	44.2	66.4



#67

Bromoform

Concen: 0.014 ug/l

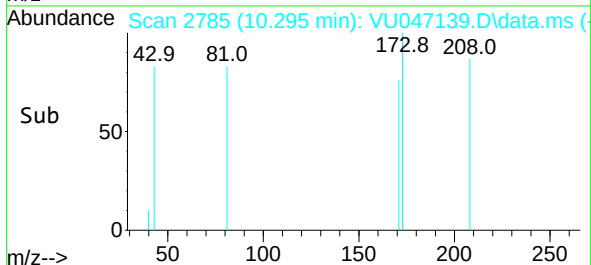
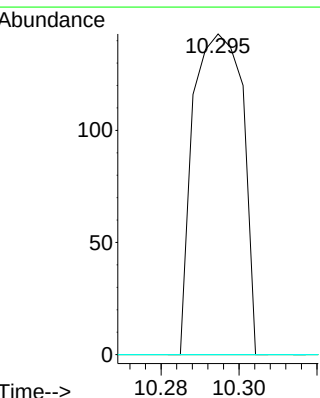
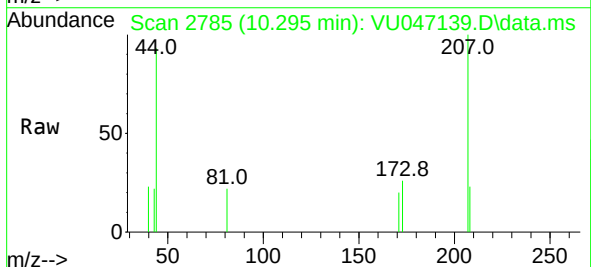
RT: 10.295 min Scan# 2785

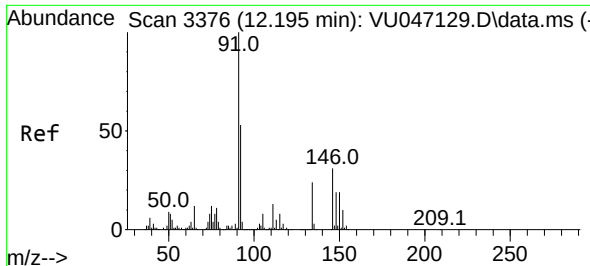
Delta R.T. 0.003 min

Lab File: VU047139.D

Acq: 14 Feb 2022 18:26

Tgt Ion:	173	Resp:	126
Ion Ratio	Lower	Upper	
173	100		
175	0.0	39.0	58.4#
254	0.0	5.5	8.3#

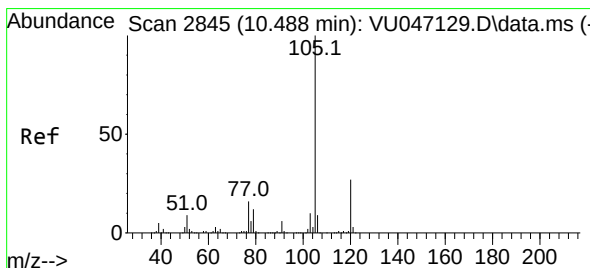
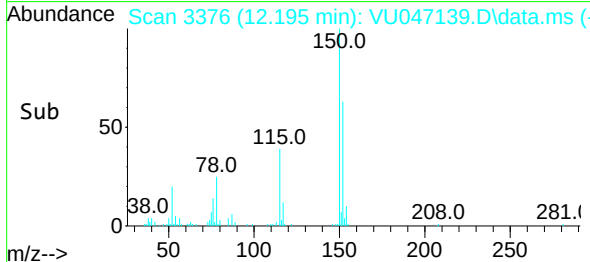
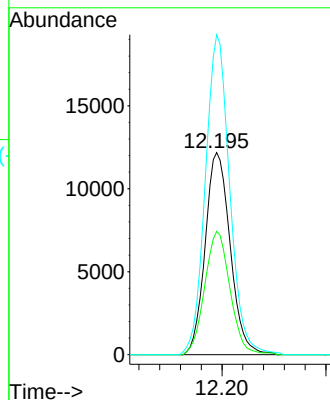
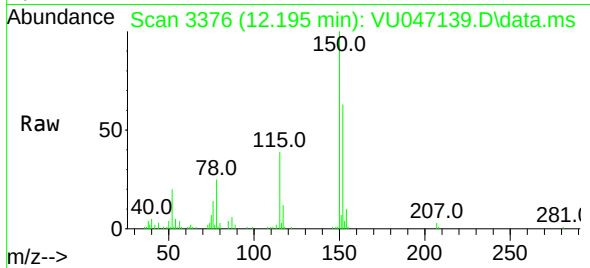




#68
1,2-Dichlorobenzene-d4
Concen: 0.933 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. -0.000 min
Lab File: VU047139.D
Acq: 14 Feb 2022 18:26

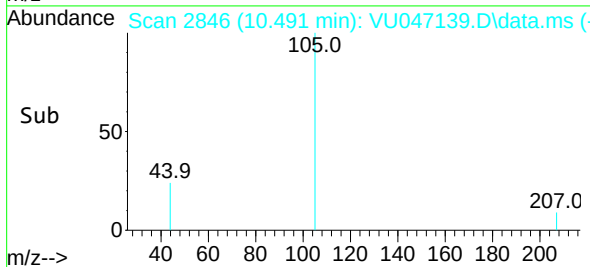
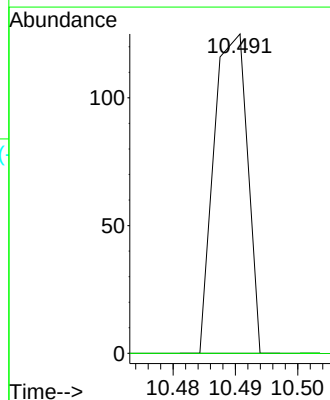
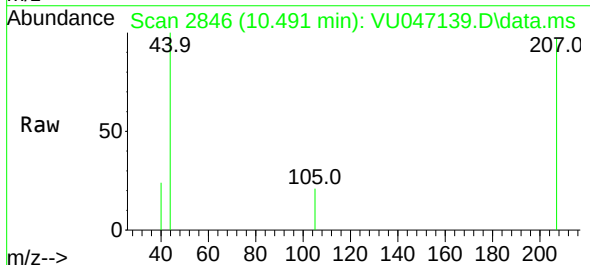
Instrument :
MSVOA_U
ClientSampleId :

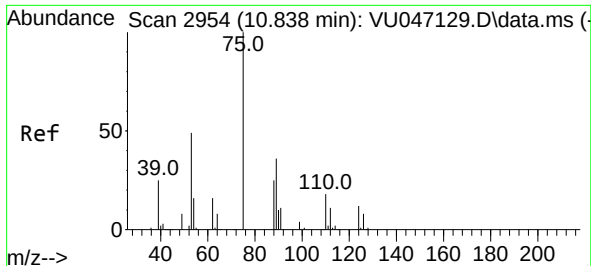
Tgt Ion:152 Resp: 20416
Ion Ratio Lower Upper
152 100
115 61.6 0.0 251.0
150 153.9 0.0 613.8



#69
Isopropylbenzene
Concen: 0.001 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. 0.003 min
Lab File: VU047139.D
Acq: 14 Feb 2022 18:26

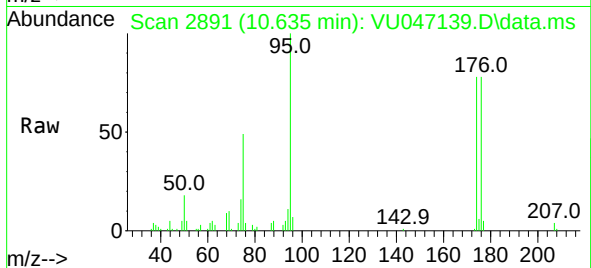
Tgt Ion:105 Resp: 47
Ion Ratio Lower Upper
105 100
120 0.0 12.8 38.4#



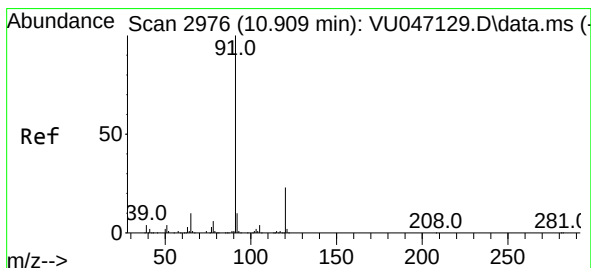
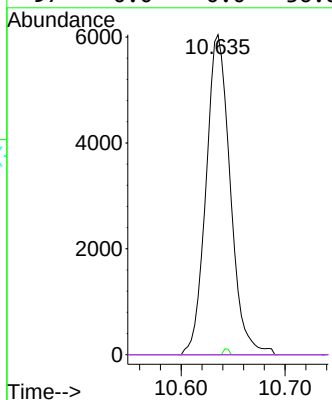
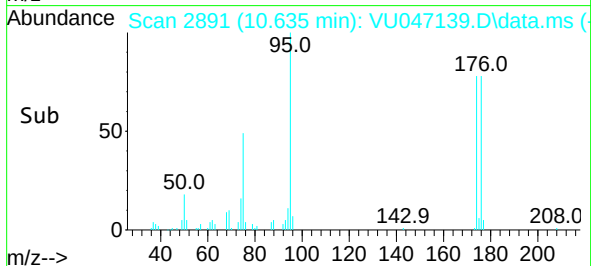


#71
1,2,3-Trichloropropane
Concen: 0.754 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.203 min
Lab File: VU047139.D
Acq: 14 Feb 2022 18:26

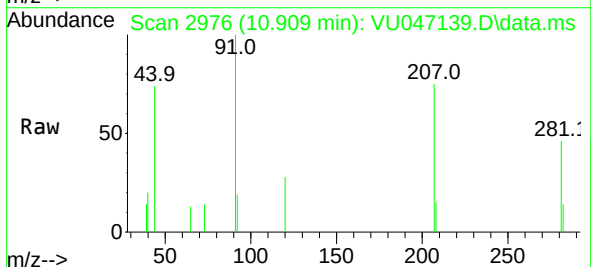
Instrument :
MSVOA_U
ClientSampleId :



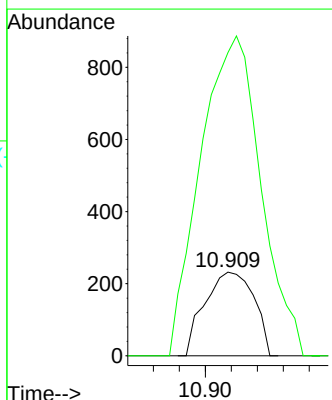
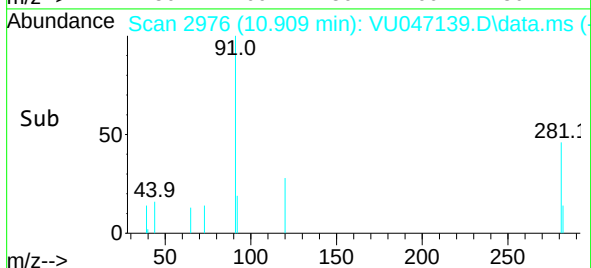
Tgt Ion: 75	Resp: 9786
Ion Ratio	Lower Upper
75	100
77	0.4 0.0 105.6
110	0.0 0.0 71.2
97	0.0 0.0 36.8

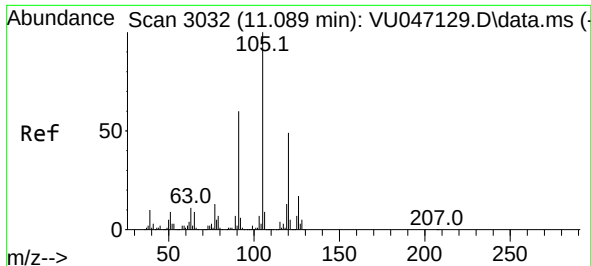


#73
n-propylbenzene
Concen: 0.016 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. -0.000 min
Lab File: VU047139.D
Acq: 14 Feb 2022 18:26



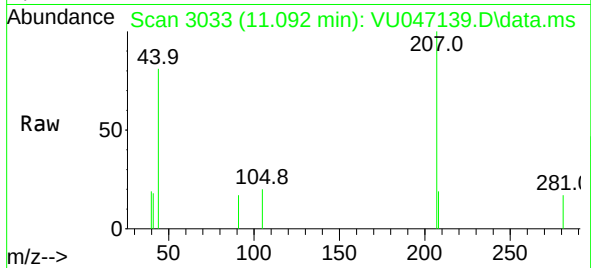
Tgt Ion: 120	Resp: 306
Ion Ratio	Lower Upper
120	100
91	468.0 370.7 556.1



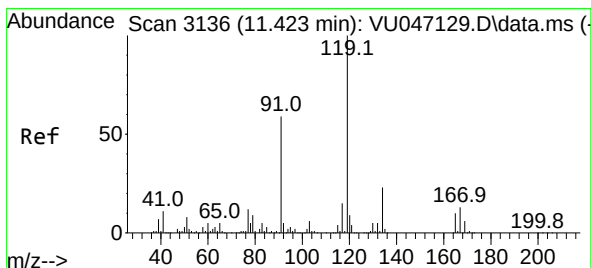
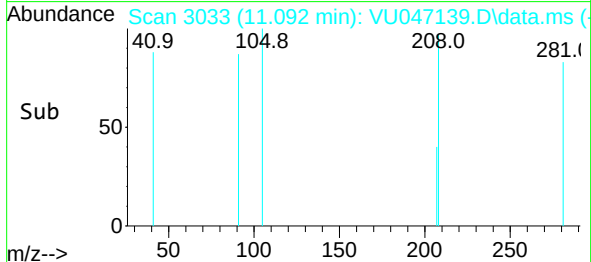
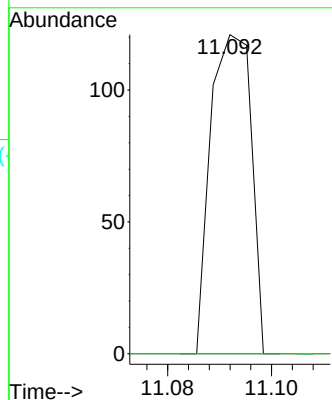


#75
1,3,5-Trimethylbenzene
Concen: 0.001 ug/l
RT: 11.092 min Scan# 3032
Delta R.T. 0.003 min
Lab File: VU047139.D
Acq: 14 Feb 2022 18:26

Instrument :
MSVOA_U
ClientSampleId :

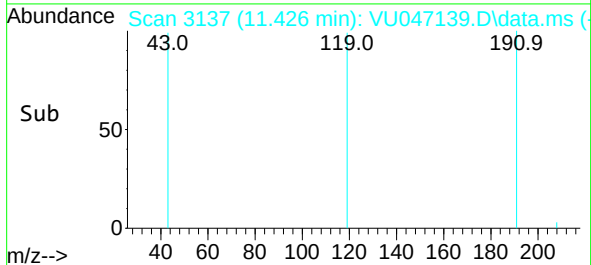
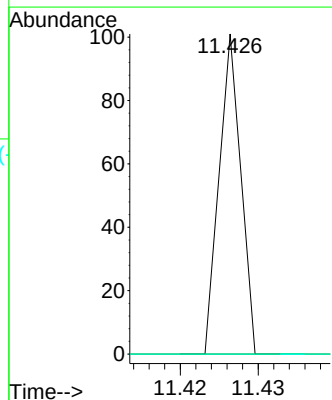
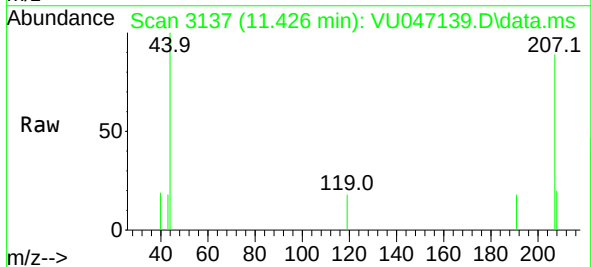


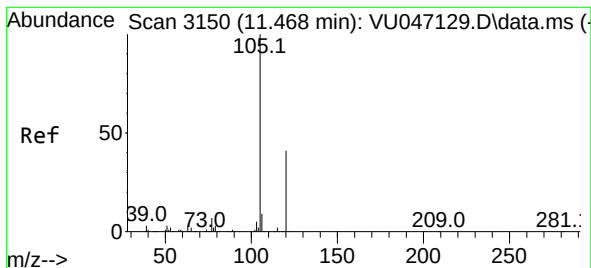
Tgt Ion:105 Resp: 66
Ion Ratio Lower Upper
105 100
120 463.6 38.6 58.0#



#77
tert-Butylbenzene
Concen: 0.000 ug/l
RT: 11.426 min Scan# 3137
Delta R.T. 0.003 min
Lab File: VU047139.D
Acq: 14 Feb 2022 18:26

Tgt Ion:119 Resp: 19
Ion Ratio Lower Upper
119 100
91 0.0 31.4 94.3#
134 0.0 18.5 27.7#





#78

1,2,4-Trimethylbenzene

Concen: 0.002 ug/l

RT: 11.475 min Scan# 3152

Delta R.T. 0.006 min

Lab File: VU047139.D

Acq: 14 Feb 2022 18:26

Instrument :

MSVOA_U

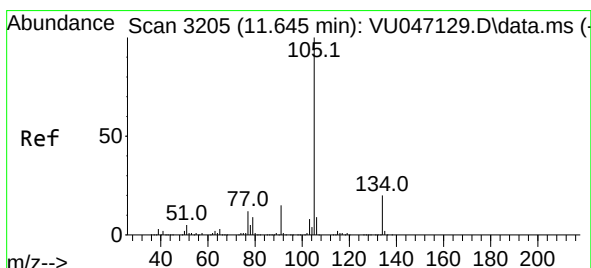
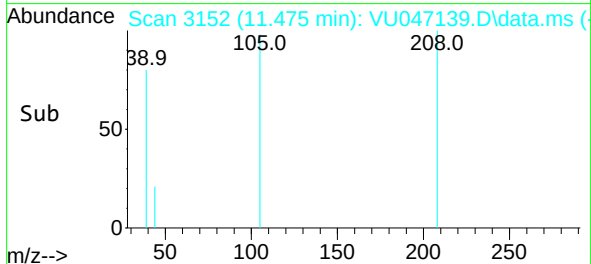
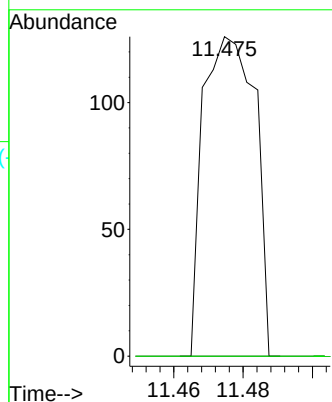
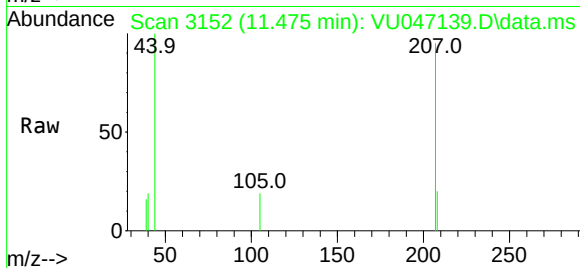
ClientSampleId :

Tgt Ion:105 Resp: 131

Ion Ratio Lower Upper

105 100

120 0.0 22.3 66.8#



#79

sec-Butylbenzene

Concen: 0.002 ug/l

RT: 11.475 min Scan# 3152

Delta R.T. -0.171 min

Lab File: VU047139.D

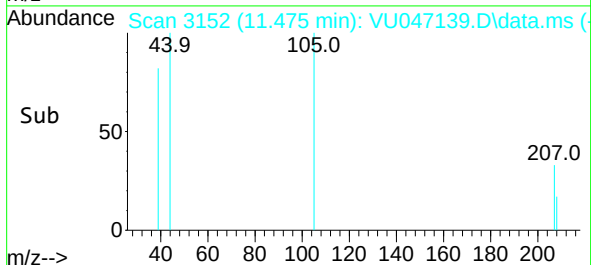
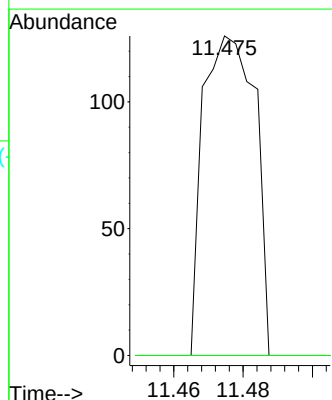
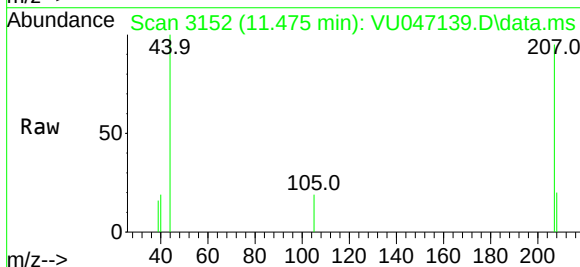
Acq: 14 Feb 2022 18:26

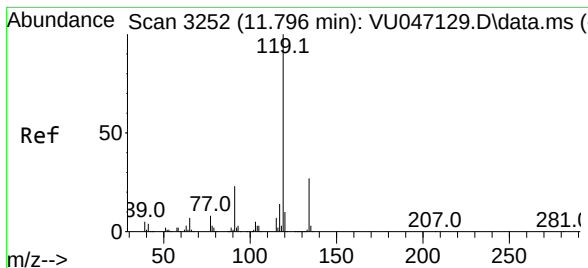
Tgt Ion:105 Resp: 131

Ion Ratio Lower Upper

105 100

134 0.0 15.4 23.0#

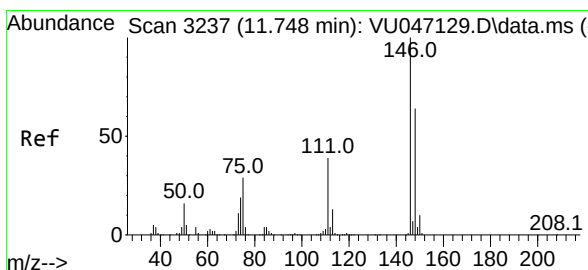
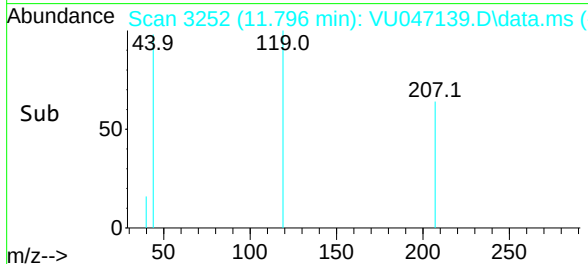
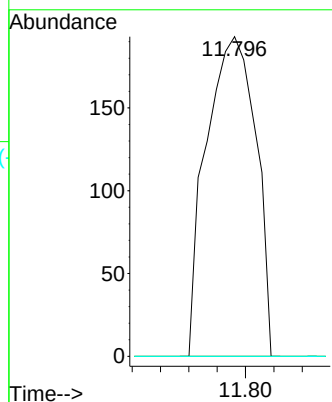
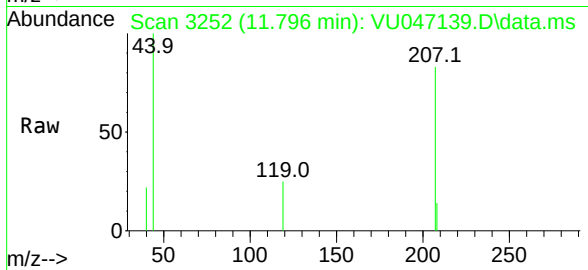




#81
p-Isopropyltoluene
Concen: 0.004 ug/l
RT: 11.796 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU047139.D
Acq: 14 Feb 2022 18:26

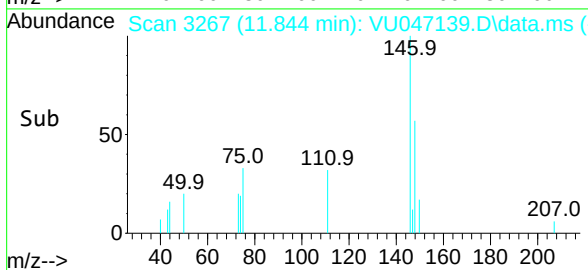
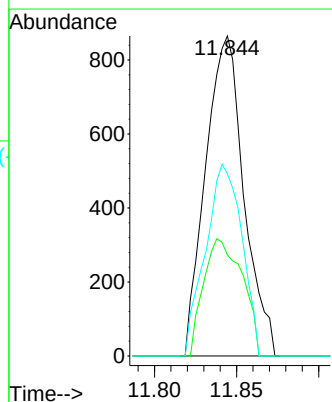
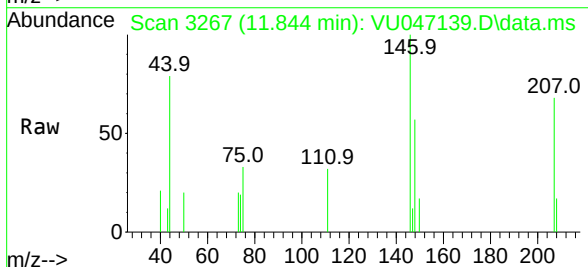
Instrument :
MSVOA_U
ClientSampleId :

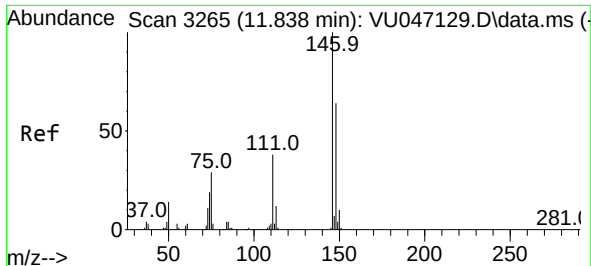
Tgt Ion:119 Resp: 234
Ion Ratio Lower Upper
119 100
134 0.0 20.2 30.4#
91 0.0 19.9 29.9#



#82
1,3-Dichlorobenzene
Concen: 0.042 ug/l
RT: 11.844 min Scan# 3267
Delta R.T. 0.096 min
Lab File: VU047139.D
Acq: 14 Feb 2022 18:26

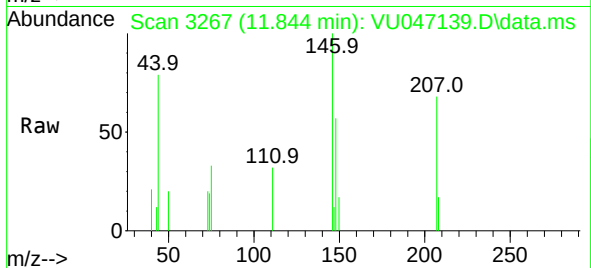
Tgt Ion:146 Resp: 1402
Ion Ratio Lower Upper
146 100
111 37.0 33.9 50.9
148 57.0 50.9 76.3



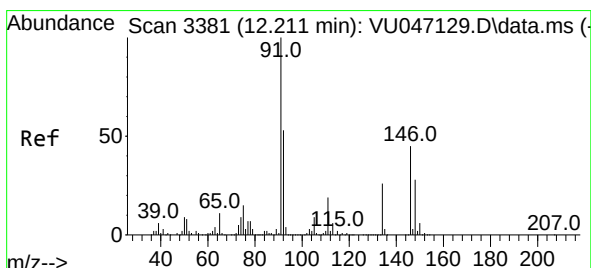
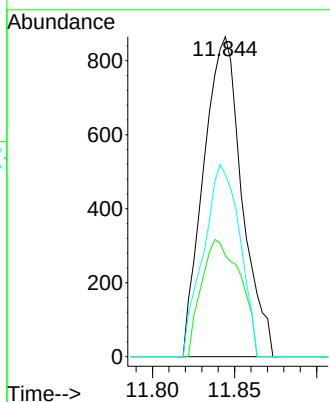
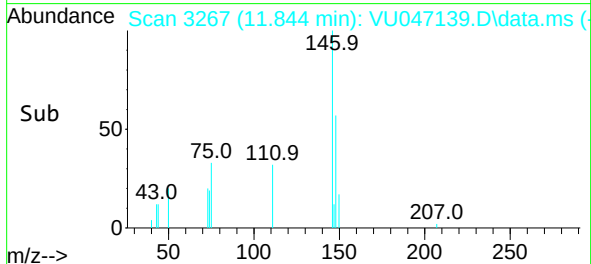


#83
1,4-Dichlorobenzene
Concen: 0.042 ug/l
RT: 11.844 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU047139.D
Acq: 14 Feb 2022 18:26

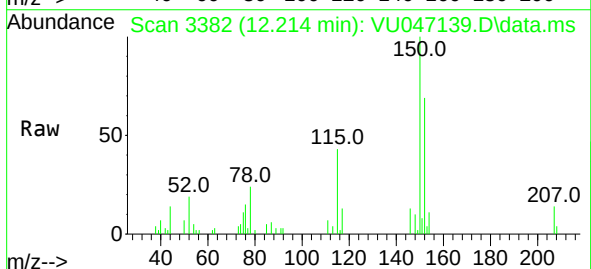
Instrument :
MSVOA_U
ClientSampleId :



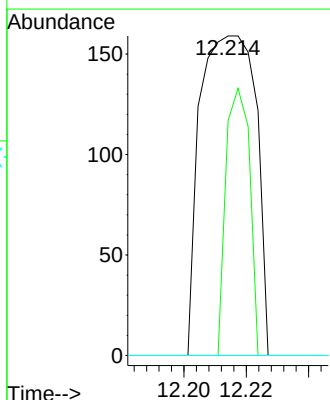
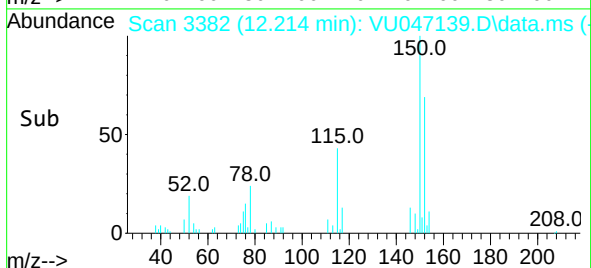
Tgt Ion:146 Resp: 1402
Ion Ratio Lower Upper
146 100
111 37.0 32.7 49.1
148 57.0 51.4 77.0

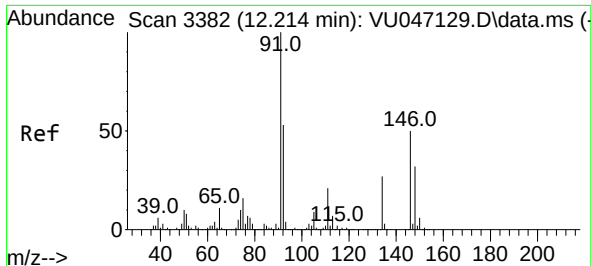


#84
n-Butylbenzene
Concen: 0.003 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.003 min
Lab File: VU047139.D
Acq: 14 Feb 2022 18:26



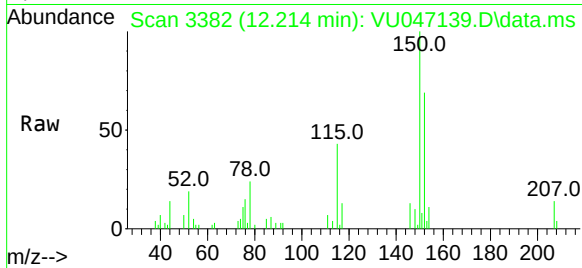
Tgt Ion: 91 Resp: 197
Ion Ratio Lower Upper
91 100
92 35.5 43.5 65.3#
134 0.0 19.0 28.4#



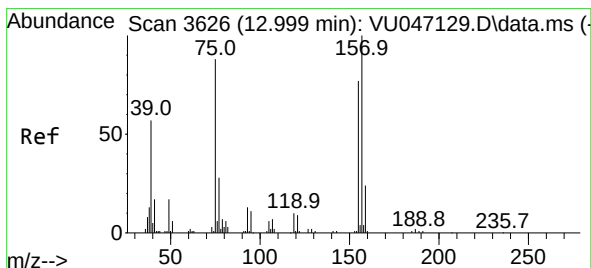
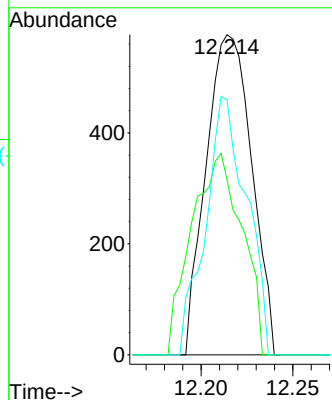
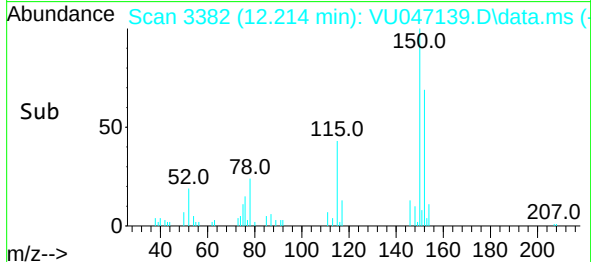


#85
 1,2-Dichlorobenzene
 Concen: 0.031 ug/l
 RT: 12.214 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU047139.D
 Acq: 14 Feb 2022 18:26

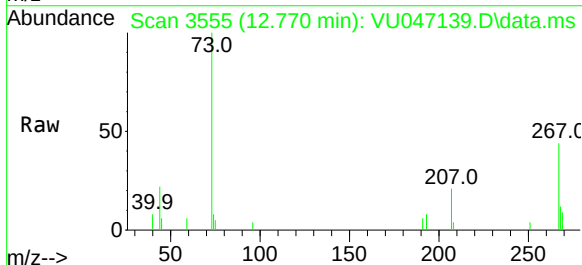
Instrument :
 MSVOA_U
 ClientSampleId :



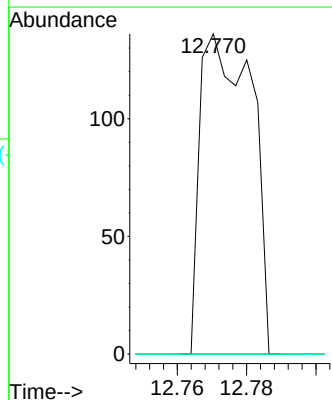
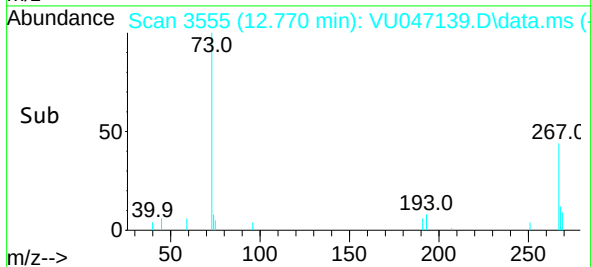
Tgt Ion:146 Resp: 998
 Ion Ratio Lower Upper
 146 100
 111 69.5 22.1 66.1#
 148 72.5 31.6 94.7

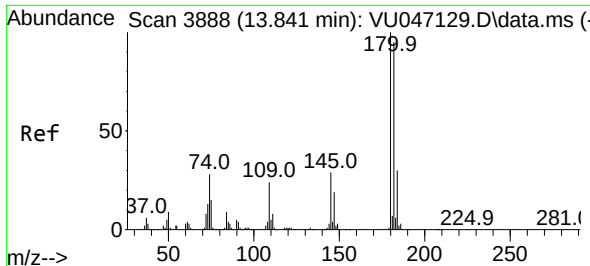


#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.050 ug/l
 RT: 12.770 min Scan# 3555
 Delta R.T. -0.228 min
 Lab File: VU047139.D
 Acq: 14 Feb 2022 18:26



Tgt Ion: 75 Resp: 140
 Ion Ratio Lower Upper
 75 100
 155 0.0 57.8 86.8#
 157 0.0 75.1 112.7#

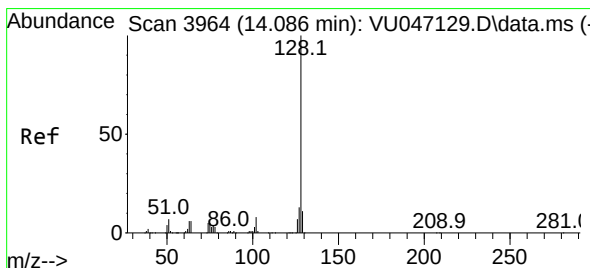
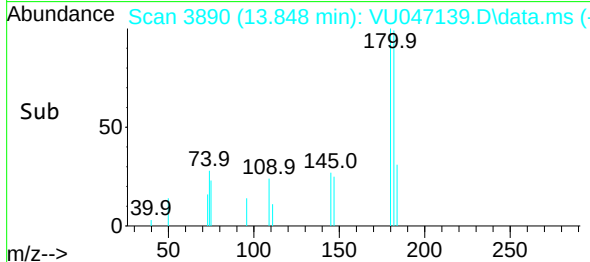
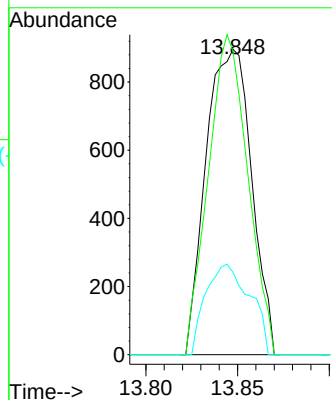
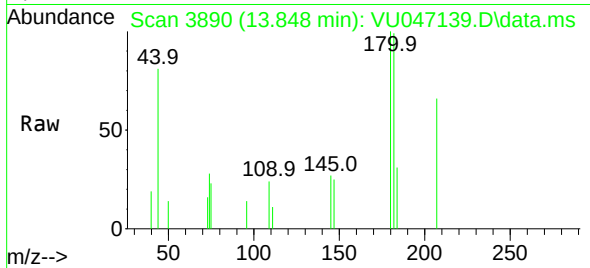




#87
1,2,4-Trichlorobenzene
Concen: 0.061 ug/l
RT: 13.848 min Scan# 3888
Delta R.T. 0.006 min
Lab File: VU047139.D
Acq: 14 Feb 2022 18:26

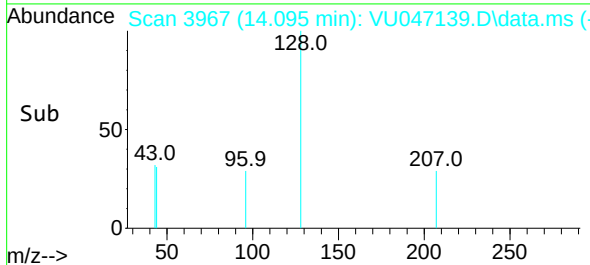
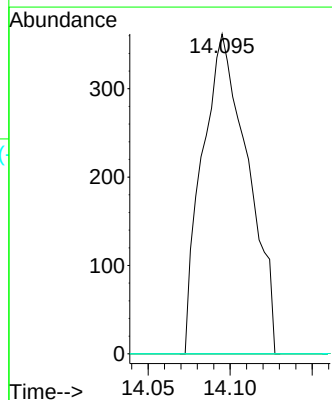
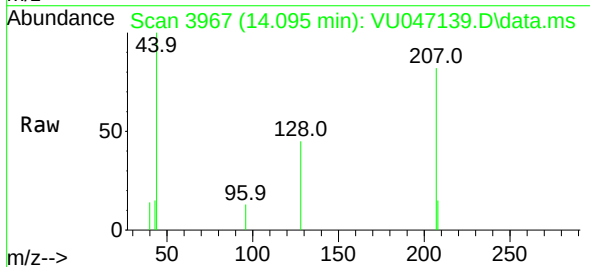
Instrument :
MSVOA_U
ClientSampleId :

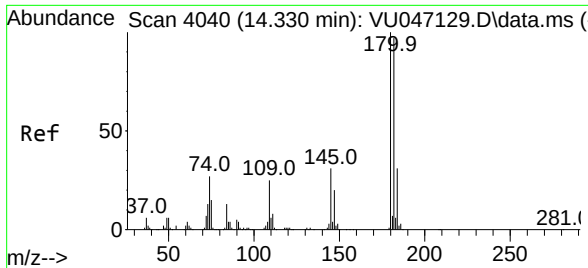
Tgt Ion:180 Resp: 1549
Ion Ratio Lower Upper
180 100
182 90.6 75.8 113.8
145 28.7 25.3 37.9



#89
Naphthalene
Concen: 0.014 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.010 min
Lab File: VU047139.D
Acq: 14 Feb 2022 18:26

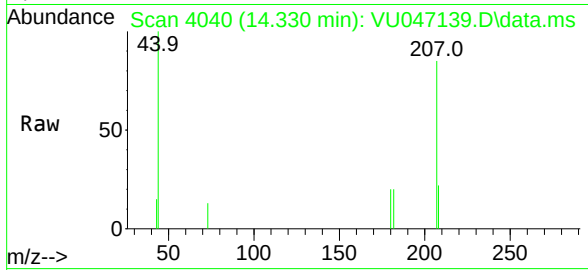
Tgt Ion:128 Resp: 698
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 13.0#





#90
 1,2,3-Trichlorobenzene
 Concen: 0.008 ug/l
 RT: 14.330 min Scan# 40
 Delta R.T. -0.000 min
 Lab File: VU047139.D
 Acq: 14 Feb 2022 18:26

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	179
Ion	Ratio	Lower	Upper
180	100		
182	125.7	75.4	113.0#
145	0.0	27.0	40.4#

