

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U070522\
 Data File : U049617.D
 Acq On : 05 Jul 2022 14:48
 Operator : SY/MD
 Sample : N3564-32
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WC-16-2-3

Quant Time: Jul 06 07:47:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 10:35:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	275303	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	471993	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	427687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	196961	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	185543	43.762	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.520%		
35) Dibromofluoromethane	5.289	113	147458	44.655	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.300%		
50) Toluene-d8	7.896	98	567865	48.214	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.420%		
62) 4-Bromofluorobenzene	10.632	95	203281	45.056	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.120%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	1628	Below Cal	#	86
6) Chloroethane	1.916	64	20	1.925	ug/l #	44
11) Tert butyl alcohol	3.183	59	3235	3.260	ug/l #	37
13) Acrolein	2.478	56	324	0.482	ug/l	96
16) Acetone	2.623	43	65074	30.435	ug/l	98
17) Carbon Disulfide	2.790	76	2836	0.304	ug/l #	90
18) Methyl Acetate	2.951	43	3642	0.629	ug/l #	86
20) Methylene Chloride	3.041	84	193782	54.512	ug/l	90
25) 2-Butanone	4.707	43	25030	7.811	ug/l	92
29) Tetrahydrofuran	5.070	42	1078	0.490	ug/l #	80
31) Cyclohexane	5.372	56	7958	1.250	ug/l #	1
36) 1,1-Dichloropropene	5.372	75	22514	4.702	ug/l #	47
37) Ethyl Acetate	4.806	43	40722	6.224	ug/l #	93
38) Carbon Tetrachloride	5.372	117	27567	5.490	ug/l #	16
39) Methylcyclohexane	6.761	83	7137	1.244	ug/l	94
40) Benzene	5.774	78	4364	0.302	ug/l	99
43) Isopropyl Acetate	5.909	43	156394	16.313	ug/l	96
45) 1,2-Dichloropropane	7.034	63	1772	0.442	ug/l #	43
48) Methyl methacrylate	6.890	41	4488	0.999	ug/l #	8
49) 1,4-Dioxane	7.025	88	82	0.712	ug/l #	58
51) 4-Methyl-2-Pentanone	7.790	43	9051	1.411	ug/l	93
52) Toluene	7.970	92	4512	0.525	ug/l	93
54) cis-1,3-Dichloropropene	7.735	75	51261	8.707	ug/l #	60
57) 1,3-Dichloropropane	8.726	76	5671	0.900	ug/l #	42
59) 2-Hexanone	8.726	43	75333	14.930	ug/l #	47
65) Chlorobenzene	9.446	112	258436	29.557	ug/l	99
69) o-Xylene	10.105	106	1585	0.269	ug/l	66
73) Isopropylbenzene	10.485	105	8162	0.582	ug/l	99
76) 1,2,3-Trichloropropane	10.632	75	103167	15.452	ug/l #	45
78) n-propylbenzene	10.906	91	6857	0.402	ug/l	93
80) 1,3,5-Trimethylbenzene	11.089	105	4820	0.394	ug/l	96
81) trans-1,4-Dichloro-2-b...	10.632	75	103167	57.061	ug/l #	15
84) 1,2,4-Trimethylbenzene	11.465	105	22382	1.860	ug/l	95
85) sec-Butylbenzene	11.642	105	3317	0.219	ug/l	96
87) 1,3-Dichlorobenzene	11.748	146	6889	1.052	ug/l	93
88) 1,4-Dichlorobenzene	11.748	146	6889	1.047	ug/l	93

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QLast Update : Tue Jun 28 10:35:43 2022
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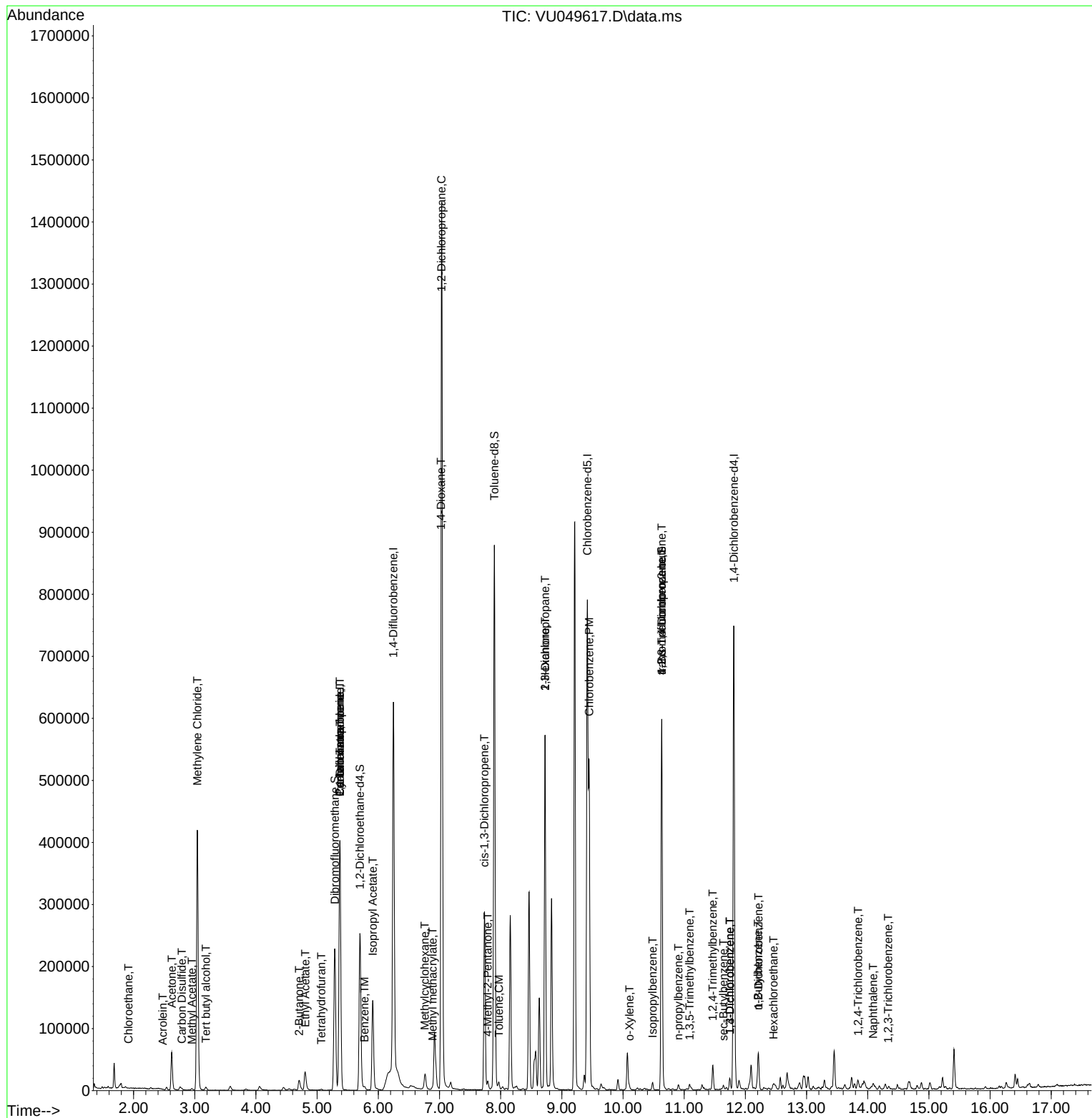
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.208	91	2469	0.218	ug/l #	66
90) Hexachloroethane	12.462	117	556	0.228	ug/l #	5
91) 1,2-Dichlorobenzene	12.214	146	22077	3.356	ug/l	97
93) 1,2,4-Trichlorobenzene	13.841	180	636	1.893	ug/l #	60
95) Naphthalene	14.089	128	8459	2.265	ug/l #	95
96) 1,2,3-Trichlorobenzene	14.333	180	291	1.240	ug/l #	1

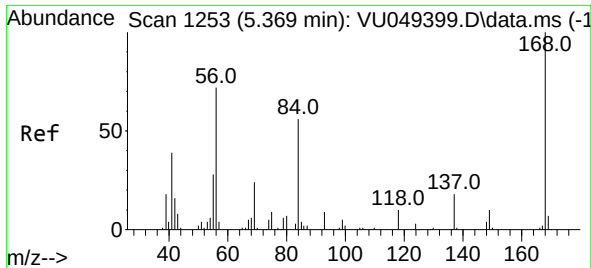
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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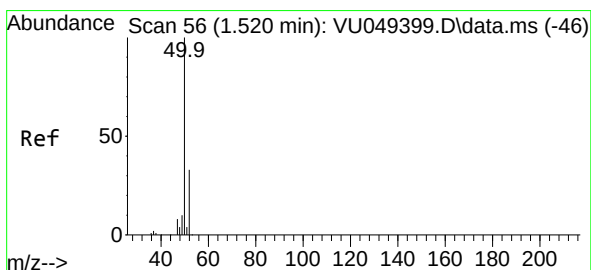
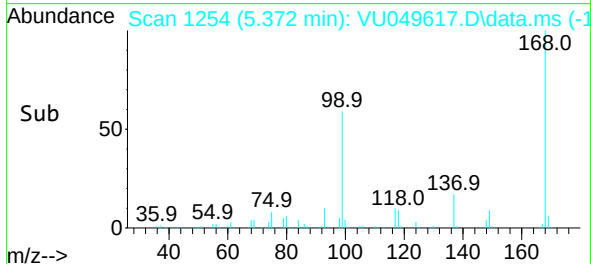
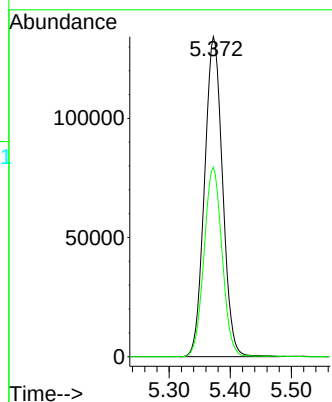
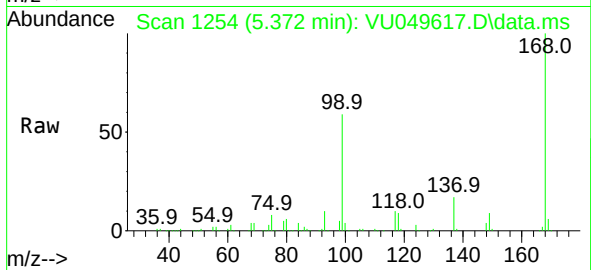




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049617.D
Acq: 05 Jul 2022 14:48

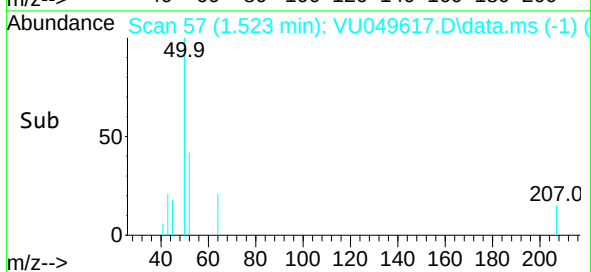
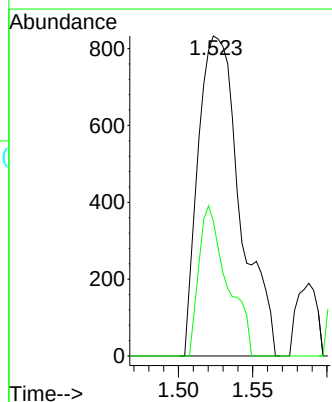
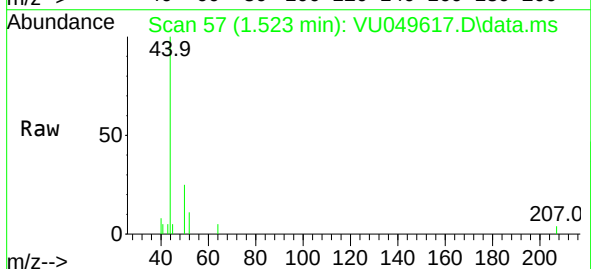
Instrument :
MSVOA_U
ClientSampleId :
WC-16-2-3

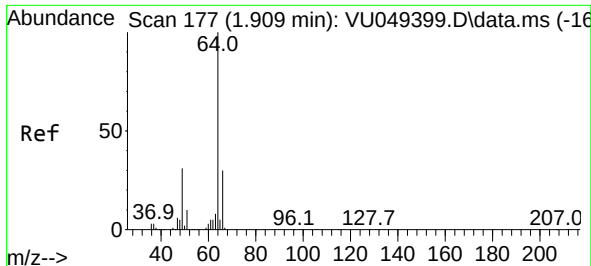
Tgt Ion:168 Resp: 275303
Ion Ratio Lower Upper
168 100
99 59.2 39.3 58.9#



#3
Chloromethane
Concen: Below Cal
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU049617.D
Acq: 05 Jul 2022 14:48

Tgt Ion: 50 Resp: 1628
Ion Ratio Lower Upper
50 100
52 42.1 27.4 41.2#

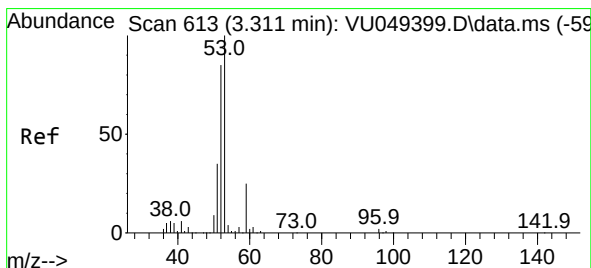
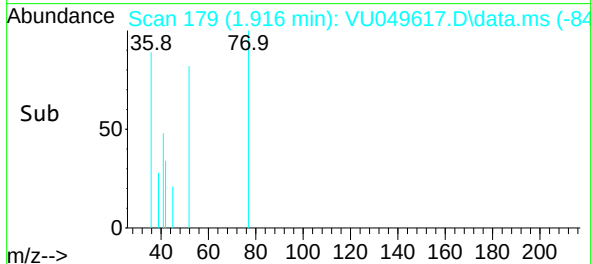
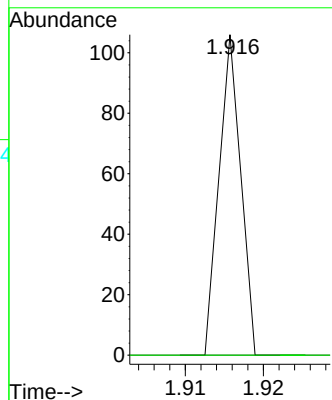
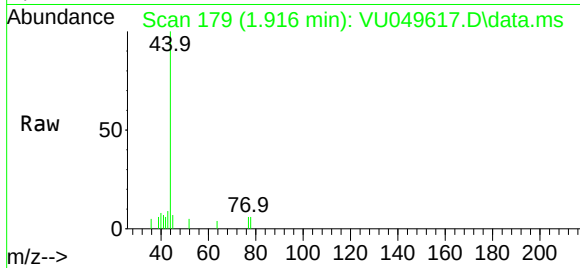




#6
Chloroethane
Concen: 1.925 ug/l
RT: 1.916 min Scan# 11
Delta R.T. 0.007 min
Lab File: VU049617.D
Acq: 05 Jul 2022 14:48

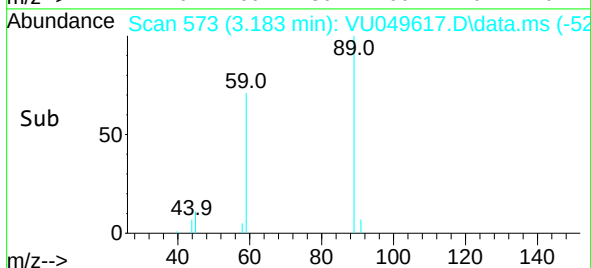
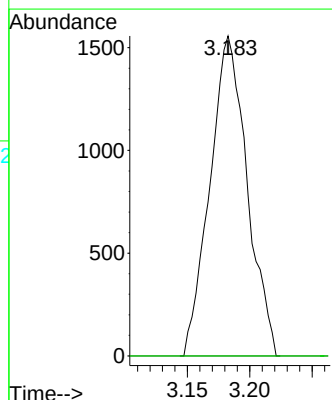
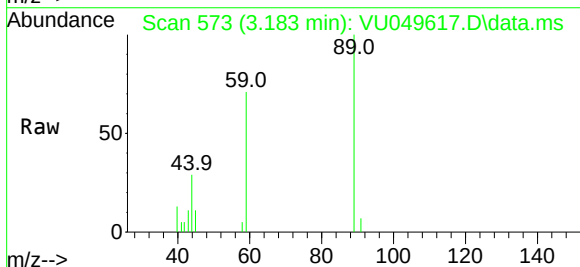
Instrument :
MSVOA_U
ClientSampleId :
WC-16-2-3

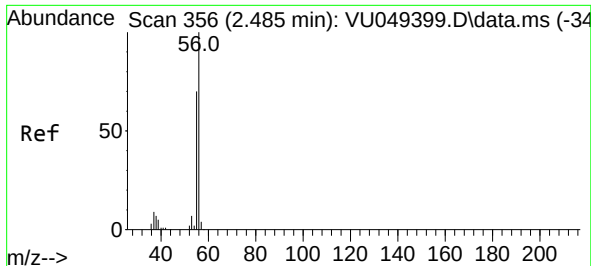
Tgt Ion: 64 Resp: 20
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#11
Tert butyl alcohol
Concen: 3.260 ug/l
RT: 3.183 min Scan# 573
Delta R.T. -0.128 min
Lab File: VU049617.D
Acq: 05 Jul 2022 14:48

Tgt Ion: 59 Resp: 3235
Ion Ratio Lower Upper
59 100
57 0.0 30.6 45.8#





#13

Acrolein

Concen: 0.482 ug/l

RT: 2.478 min Scan# 31

Delta R.T. -0.006 min

Lab File: VU049617.D

Acq: 05 Jul 2022 14:48

Instrument :

MSVOA_U

ClientSampleId :

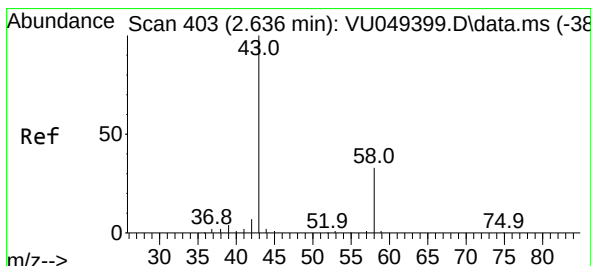
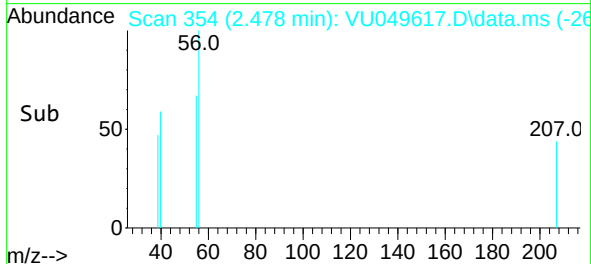
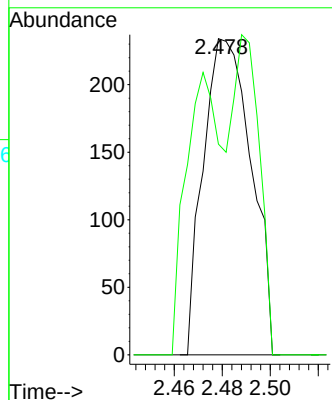
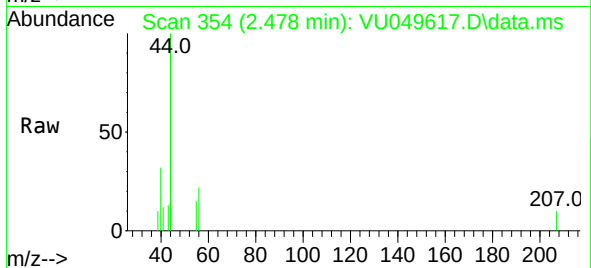
WC-16-2-3

Tgt Ion: 56 Resp: 324

Ion Ratio Lower Upper

56 100

55 67.9 56.6 85.0



#16

Acetone

Concen: 30.435 ug/l

RT: 2.623 min Scan# 399

Delta R.T. -0.013 min

Lab File: VU049617.D

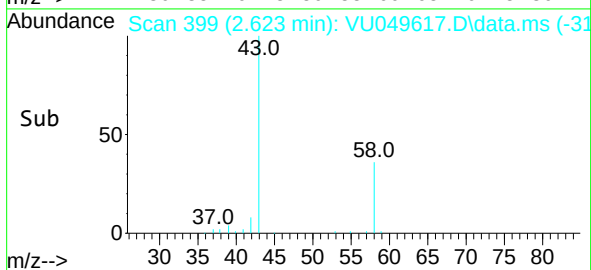
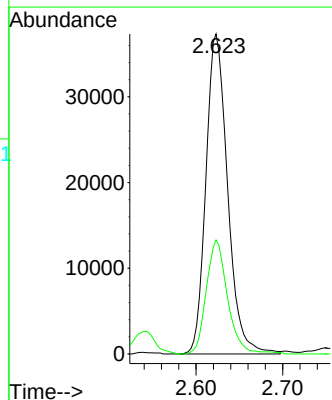
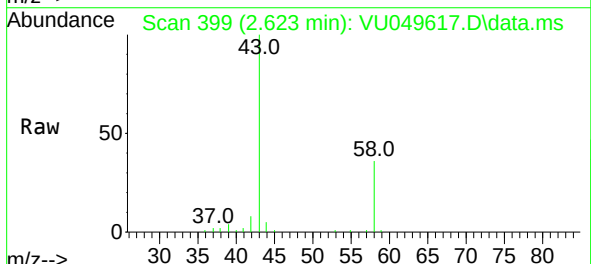
Acq: 05 Jul 2022 14:48

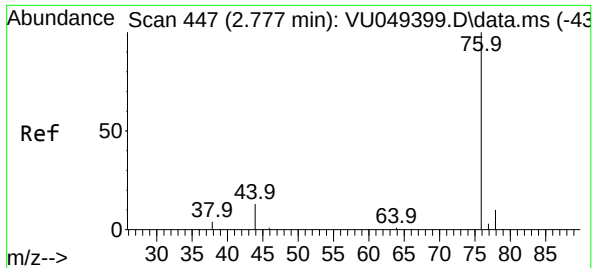
Tgt Ion: 43 Resp: 65074

Ion Ratio Lower Upper

43 100

58 35.6 27.5 41.3

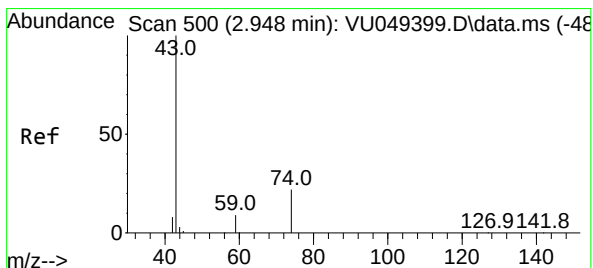
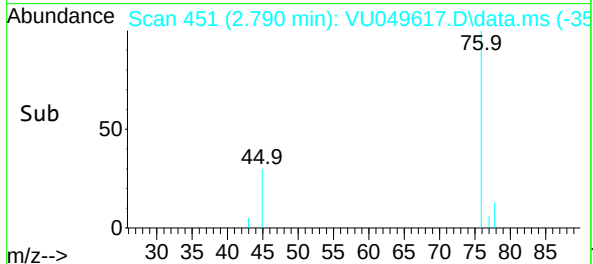
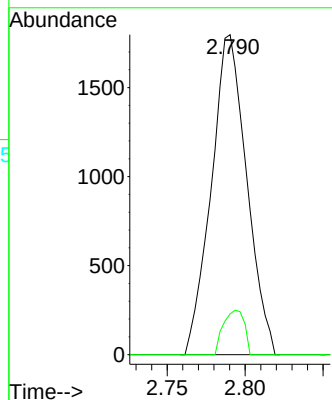
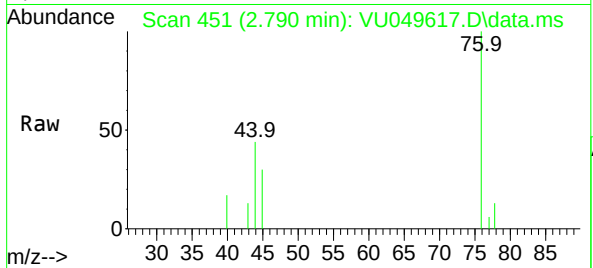




#17
Carbon Disulfide
Concen: 0.304 ug/l
RT: 2.790 min Scan# 41
Delta R.T. 0.013 min
Lab File: VU049617.D
Acq: 05 Jul 2022 14:48

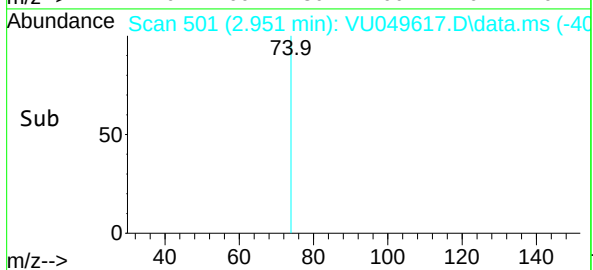
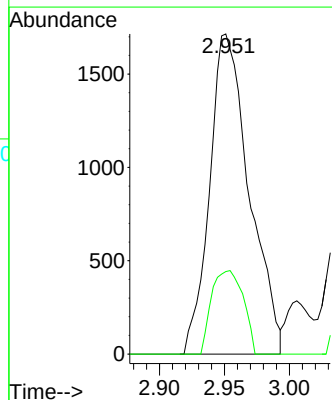
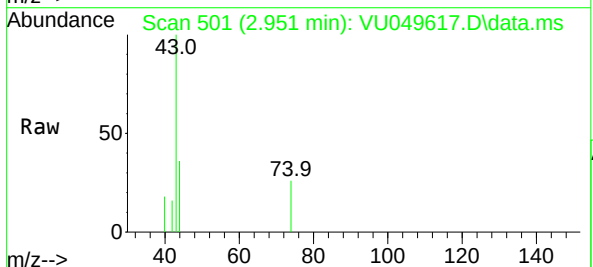
Instrument :
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WC-16-2-3

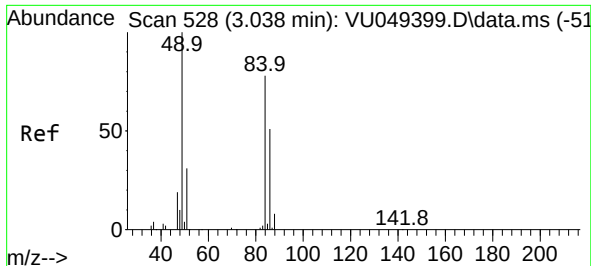
Tgt Ion: 76 Resp: 2836
Ion Ratio Lower Upper
76 100
78 12.7 7.3 10.9#



#18
Methyl Acetate
Concen: 0.629 ug/l
RT: 2.951 min Scan# 501
Delta R.T. 0.003 min
Lab File: VU049617.D
Acq: 05 Jul 2022 14:48

Tgt Ion: 43 Resp: 3642
Ion Ratio Lower Upper
43 100
74 20.8 22.5 33.7#



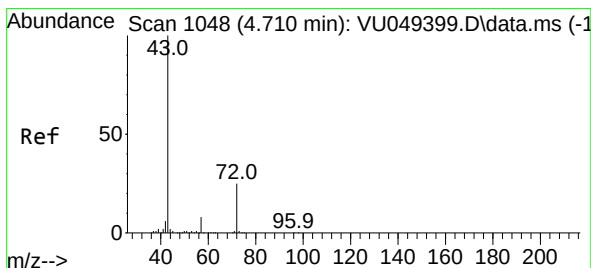
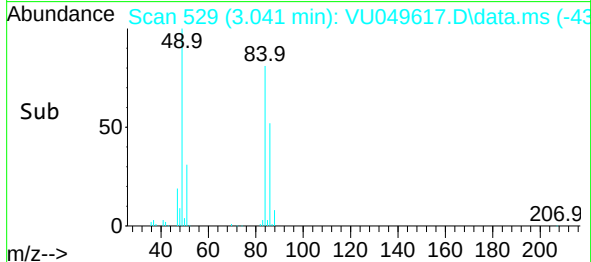
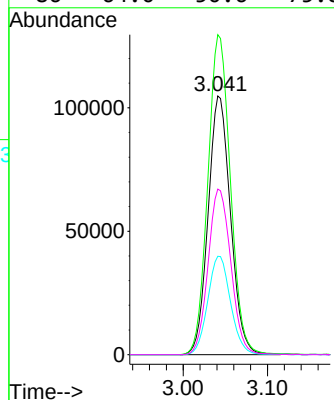
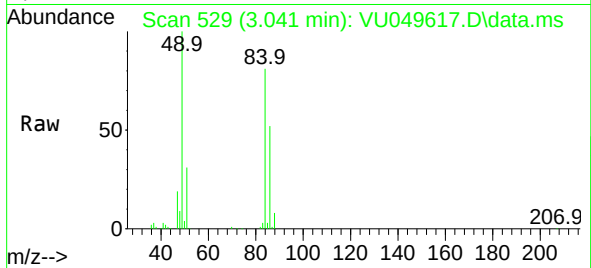


#20
Methylene Chloride
Concen: 54.512 ug/l
RT: 3.041 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU049617.D
Acq: 05 Jul 2022 14:48

Instrument :
MSVOA_U
ClientSampleId :
WC-16-2-3

Tgt Ion: 84 Resp: 193782

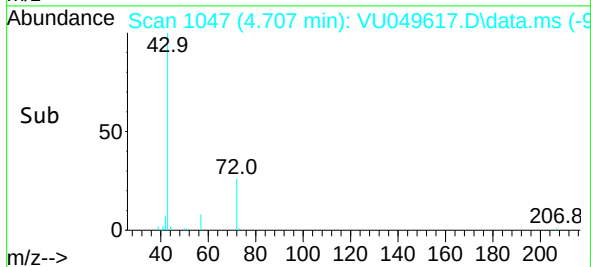
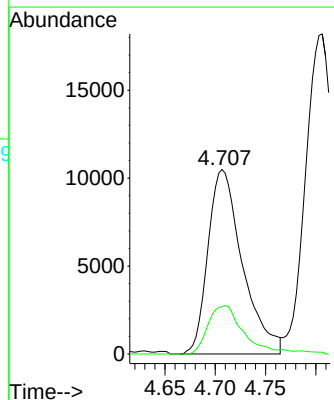
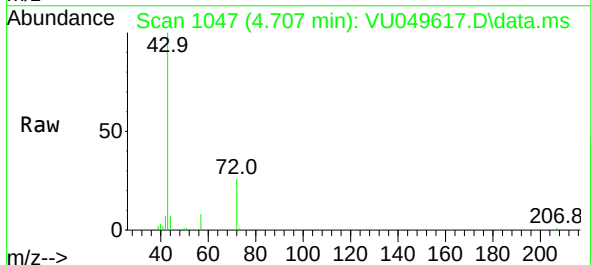
Ion	Ratio	Lower	Upper
84	100		
49	123.7	86.6	129.8
51	38.0	26.6	40.0
86	64.0	50.6	75.8

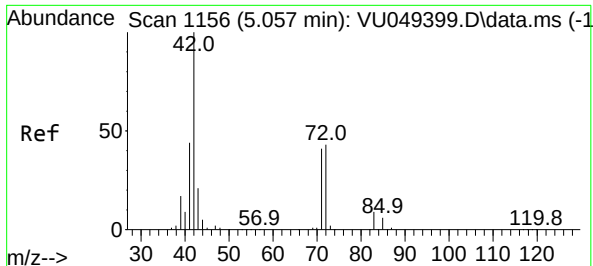


#25
2-Butanone
Concen: 7.811 ug/l
RT: 4.707 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU049617.D
Acq: 05 Jul 2022 14:48

Tgt Ion: 43 Resp: 25030

Ion	Ratio	Lower	Upper
43	100		
72	25.6	23.8	35.6





#29

Tetrahydrofuran

Concen: 0.490 ug/l

RT: 5.070 min Scan# 1156

Delta R.T. 0.013 min

Lab File: VU049617.D

Acq: 05 Jul 2022 14:48

Instrument :

MSVOA_U

ClientSampleId :

WC-16-2-3

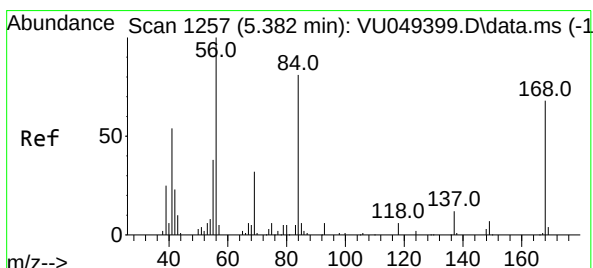
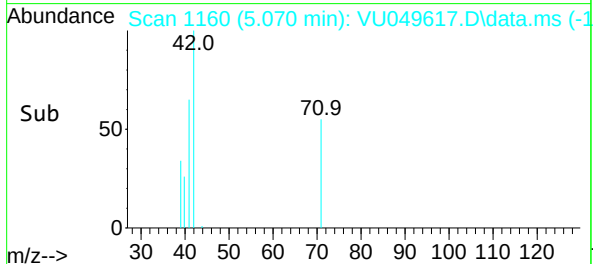
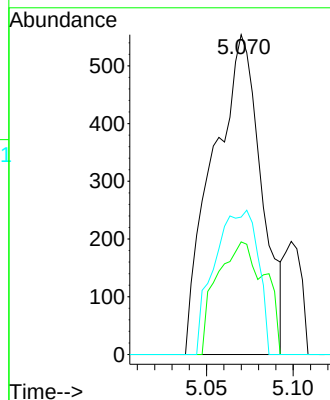
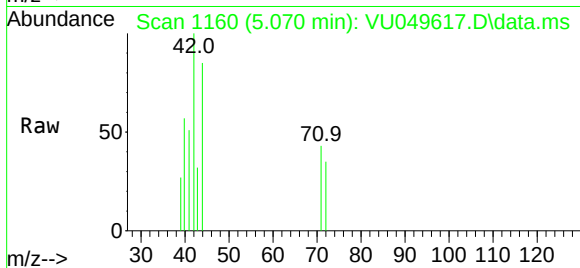
Tgt Ion: 42 Resp: 1078

Ion Ratio Lower Upper

42 100

72 34.5 42.6 63.8#

71 40.6 40.3 60.5



#31

Cyclohexane

Concen: 1.250 ug/l

RT: 5.372 min Scan# 1254

Delta R.T. -0.009 min

Lab File: VU049617.D

Acq: 05 Jul 2022 14:48

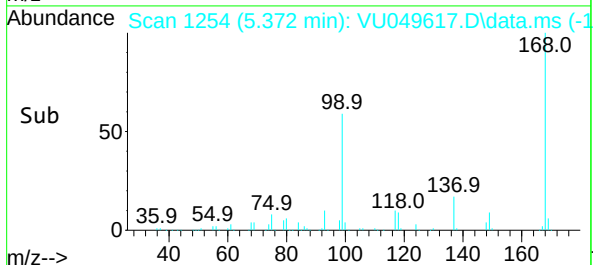
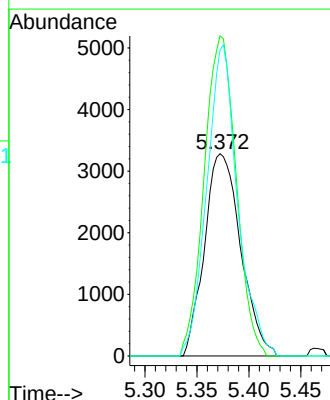
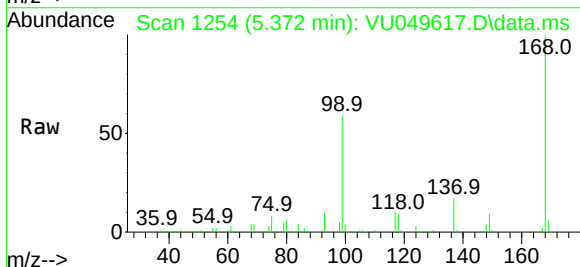
Tgt Ion: 56 Resp: 7958

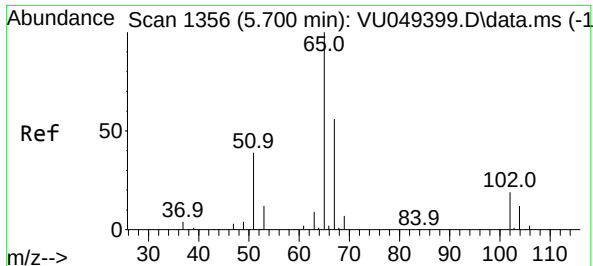
Ion Ratio Lower Upper

56 100

69 158.3 27.8 41.8#

84 151.5 74.2 111.4#





#33

1,2-Dichloroethane-d4

Concen: 43.762 ug/l

RT: 5.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU049617.D

Acq: 05 Jul 2022 14:48

Instrument :

MSVOA_U

ClientSampleId :

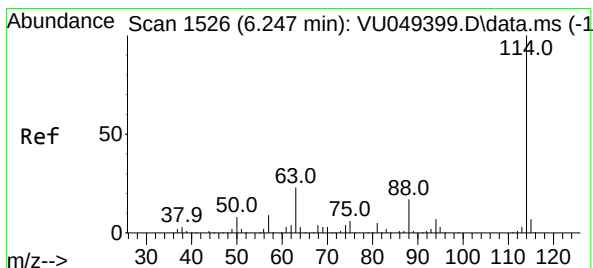
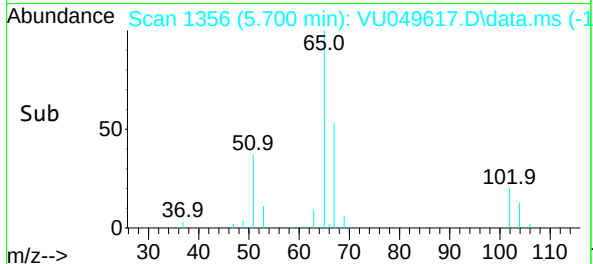
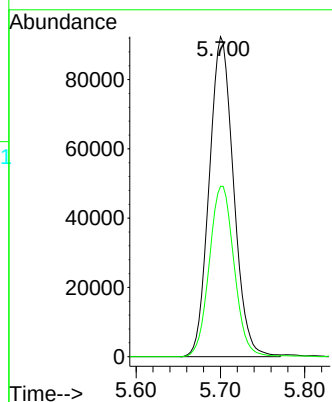
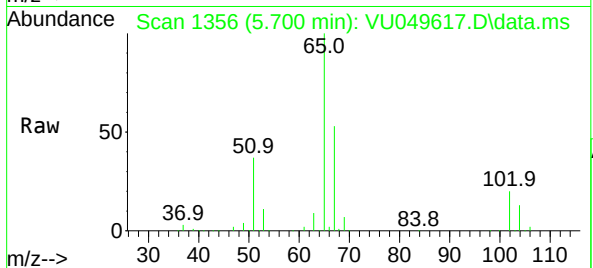
WC-16-2-3

Tgt Ion: 65 Resp: 185543

Ion Ratio Lower Upper

65 100

67 54.2 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 1526

Delta R.T. 0.000 min

Lab File: VU049617.D

Acq: 05 Jul 2022 14:48

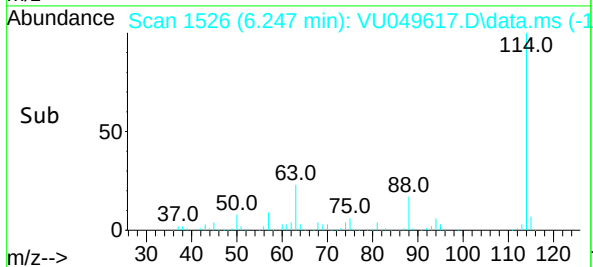
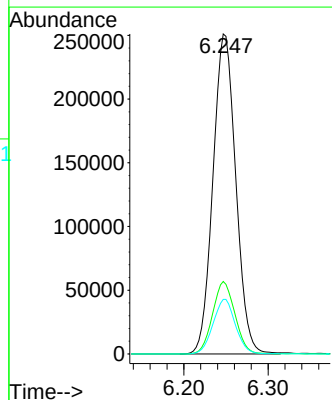
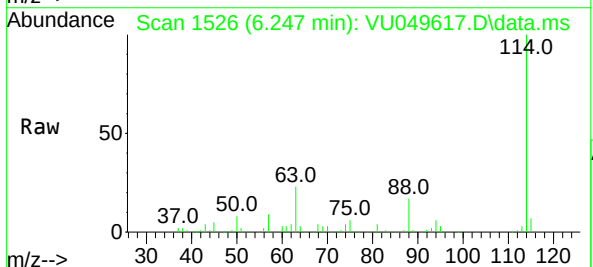
Tgt Ion: 114 Resp: 471993

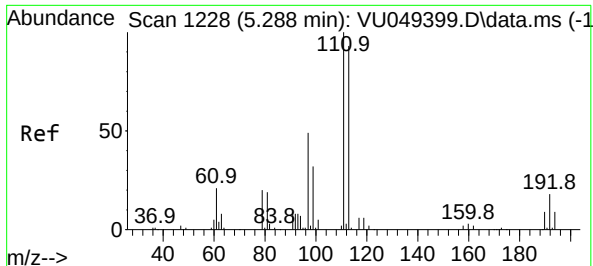
Ion Ratio Lower Upper

114 100

63 22.6 0.0 37.8

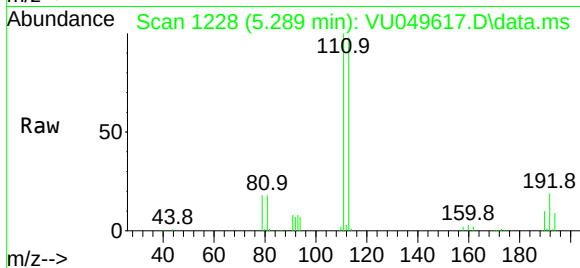
88 17.1 0.0 29.2



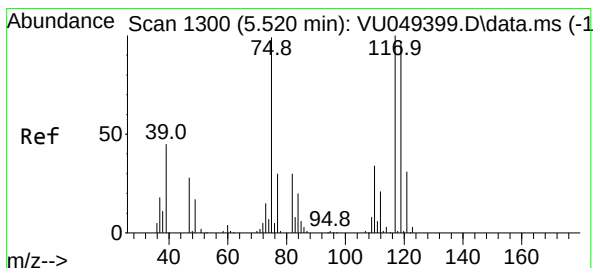
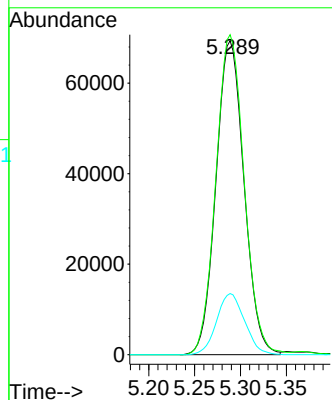
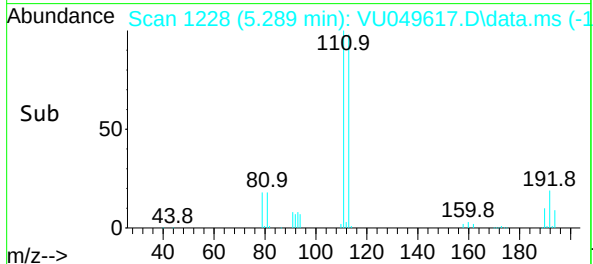


#35
Dibromofluoromethane
Concen: 44.655 ug/l
RT: 5.289 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU049617.D
Acq: 05 Jul 2022 14:48

Instrument :
MSVOA_U
ClientSampleId :
WC-16-2-3

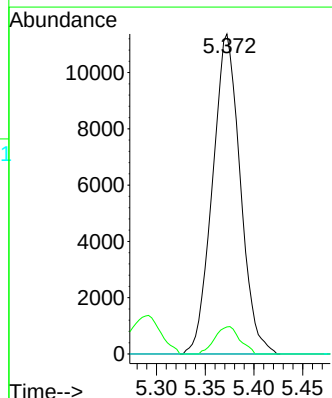
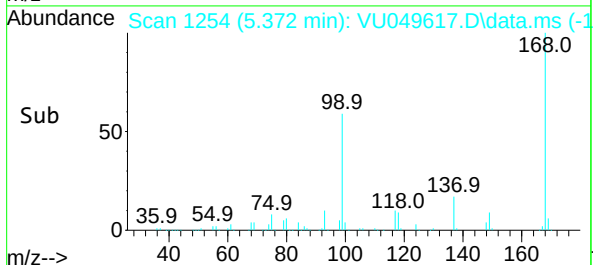
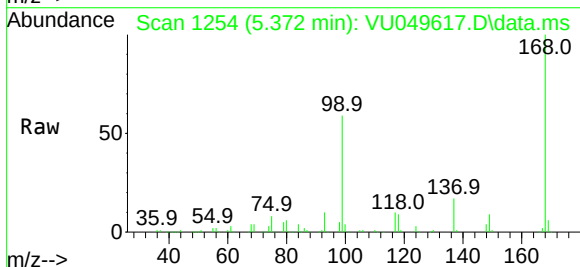


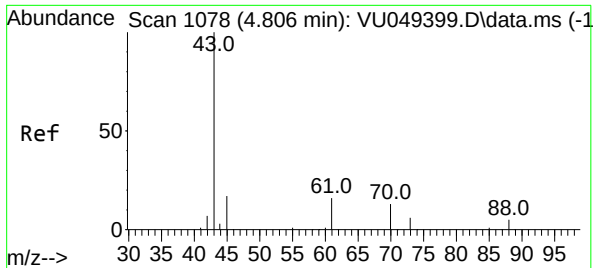
Tgt Ion:113 Resp: 147458
Ion Ratio Lower Upper
113 100
111 103.1 82.1 123.1
192 19.5 18.0 27.0



#36
1,1-Dichloropropene
Concen: 4.702 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.148 min
Lab File: VU049617.D
Acq: 05 Jul 2022 14:48

Tgt Ion: 75 Resp: 22514
Ion Ratio Lower Upper
75 100
110 7.7 18.4 55.2#
77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 6.224 ug/l

RT: 4.806 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049617.D

Acq: 05 Jul 2022 14:48

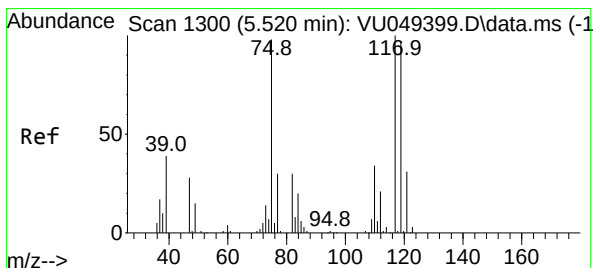
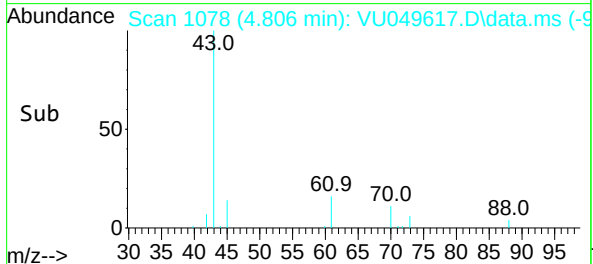
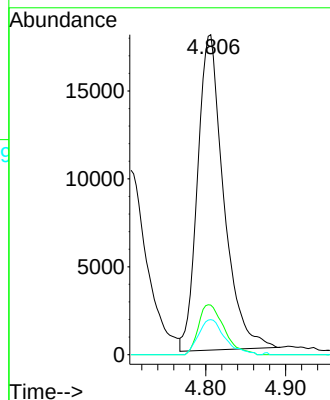
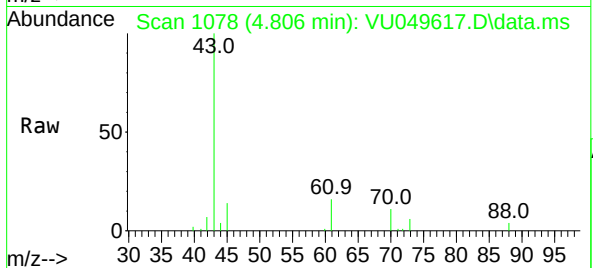
Instrument :

MSVOA_U

ClientSampleId :

WC-16-2-3

Tgt Ion:	43	Resp:	40722
Ion	Ratio	Lower	Upper
43	100		
61	15.6	9.5	14.3#
70	11.2	7.5	11.3



#38

Carbon Tetrachloride

Concen: 5.490 ug/l

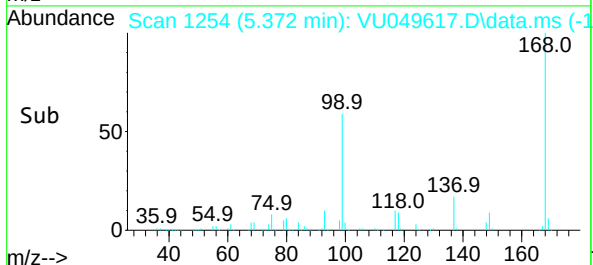
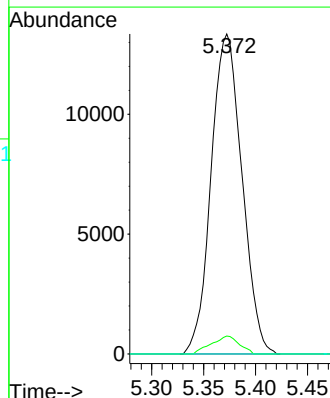
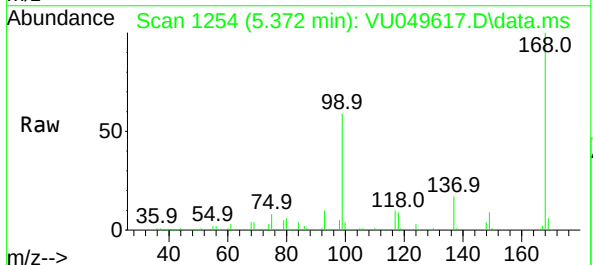
RT: 5.372 min Scan# 1254

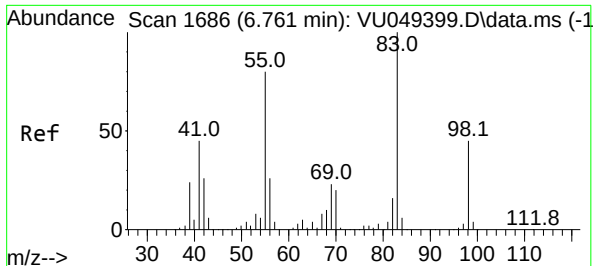
Delta R.T. -0.148 min

Lab File: VU049617.D

Acq: 05 Jul 2022 14:48

Tgt Ion:	117	Resp:	27567
Ion	Ratio	Lower	Upper
117	100		
119	5.6	76.8	115.2#
121	0.0	24.7	37.1#





#39

Methylcyclohexane

Concen: 1.244 ug/l

RT: 6.761 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049617.D

Acq: 05 Jul 2022 14:48

Instrument :

MSVOA_U

ClientSampleId :

WC-16-2-3

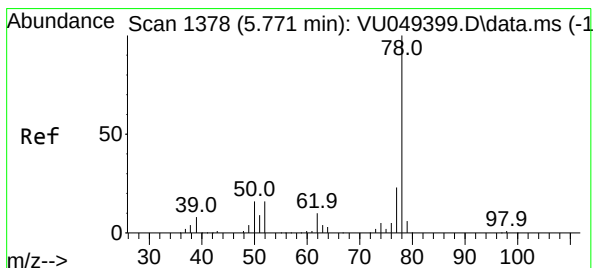
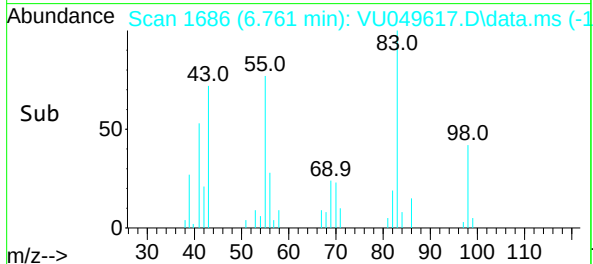
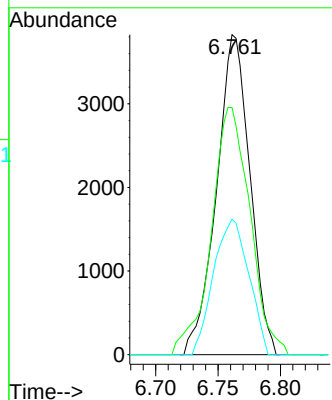
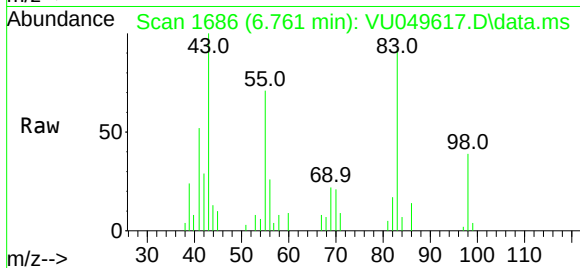
Tgt Ion: 83 Resp: 7137

Ion Ratio Lower Upper

83 100

55 73.2 55.3 82.9

98 42.4 37.3 55.9



#40

Benzene

Concen: 0.302 ug/l

RT: 5.774 min Scan# 1379

Delta R.T. 0.003 min

Lab File: VU049617.D

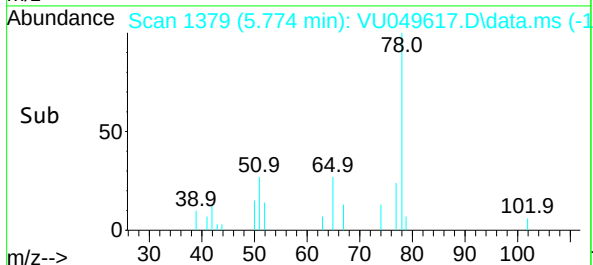
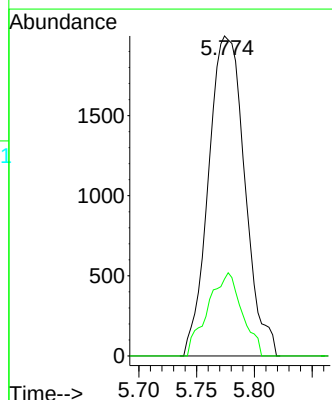
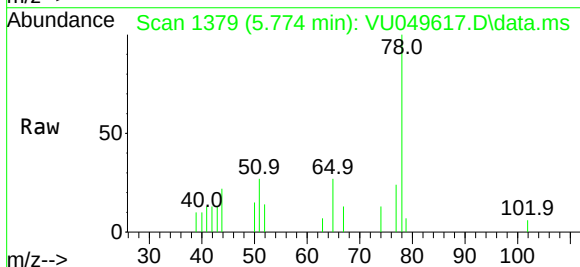
Acq: 05 Jul 2022 14:48

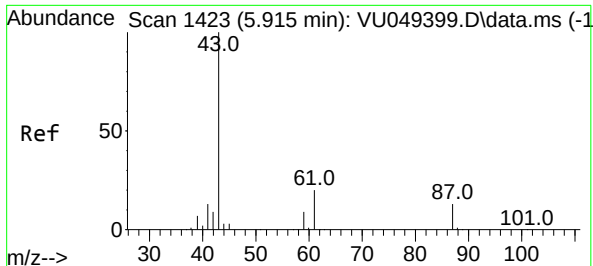
Tgt Ion: 78 Resp: 4364

Ion Ratio Lower Upper

78 100

77 24.0 18.8 28.2





#43

Isopropyl Acetate

Concen: 16.313 ug/l

RT: 5.909 min Scan# 1423

Delta R.T. -0.006 min

Lab File: VU049617.D

Acq: 05 Jul 2022 14:48

Instrument :

MSVOA_U

ClientSampleId :

WC-16-2-3

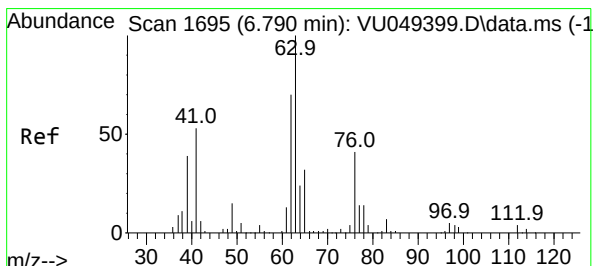
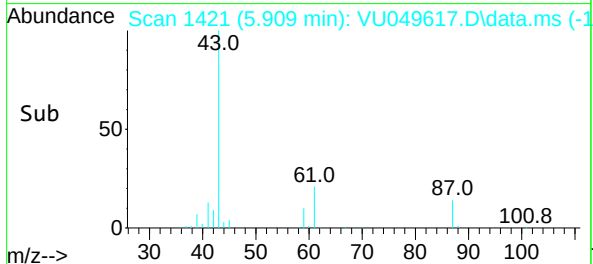
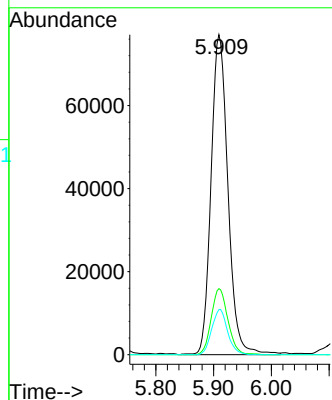
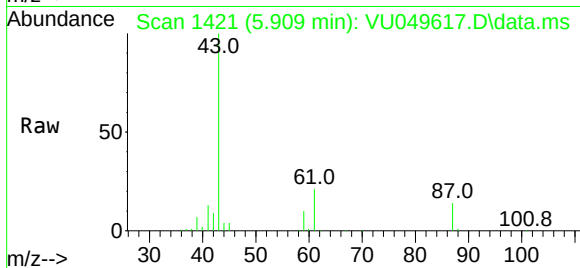
Tgt Ion: 43 Resp: 156394

Ion Ratio Lower Upper

43 100

61 20.4 17.4 26.0

87 13.2 12.6 18.8



#45

1,2-Dichloropropane

Concen: 0.442 ug/l

RT: 7.034 min Scan# 1771

Delta R.T. 0.245 min

Lab File: VU049617.D

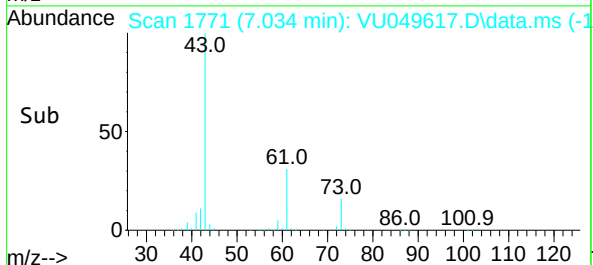
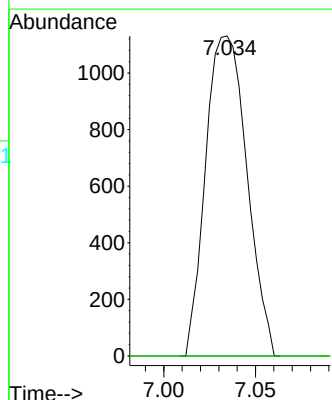
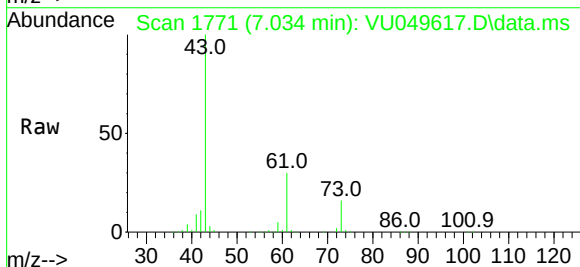
Acq: 05 Jul 2022 14:48

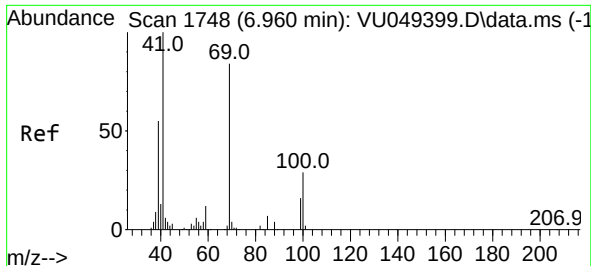
Tgt Ion: 63 Resp: 1772

Ion Ratio Lower Upper

63 100

65 0.0 25.0 37.4#

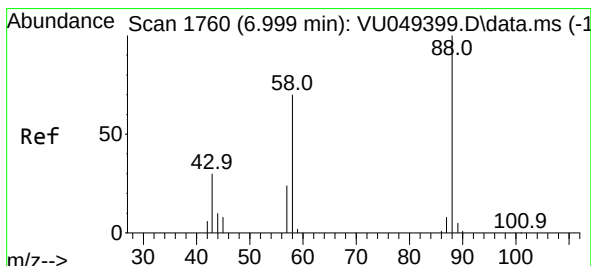
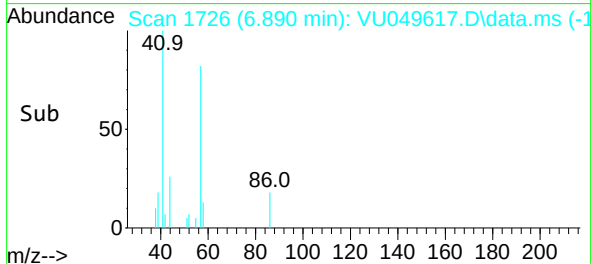
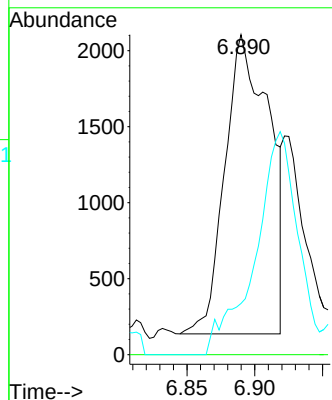
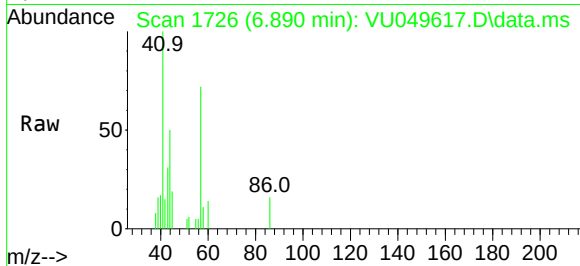




#48
Methyl methacrylate
Concen: 0.999 ug/l
RT: 6.890 min Scan# 1748
Delta R.T. -0.071 min
Lab File: VU049617.D
Acq: 05 Jul 2022 14:48

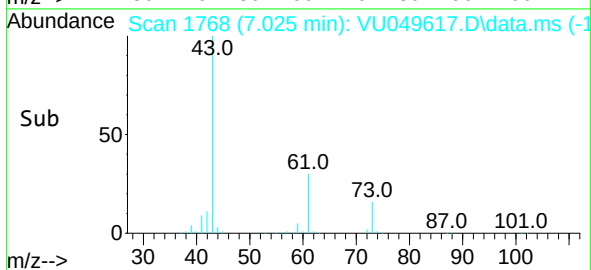
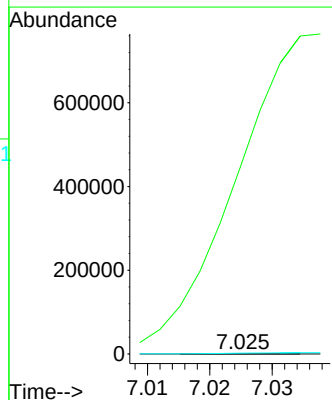
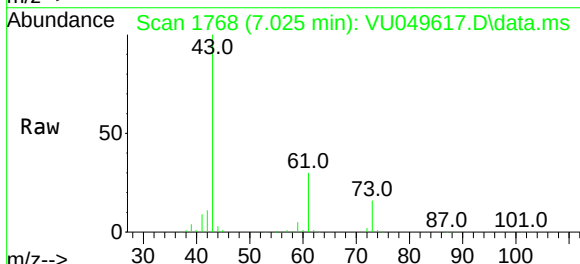
Instrument :
MSVOA_U
ClientSampleId :
WC-16-2-3

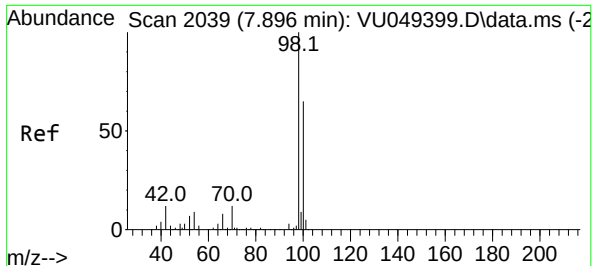
Tgt Ion: 41 Resp: 4488
Ion Ratio Lower Upper
41 100
69 0.0 79.8 119.6#
39 0.0 47.9 71.9#



#49
1,4-Dioxane
Concen: 0.712 ug/l
RT: 7.025 min Scan# 1768
Delta R.T. 0.026 min
Lab File: VU049617.D
Acq: 05 Jul 2022 14:48

Tgt Ion: 88 Resp: 82
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 15.4 23.0#

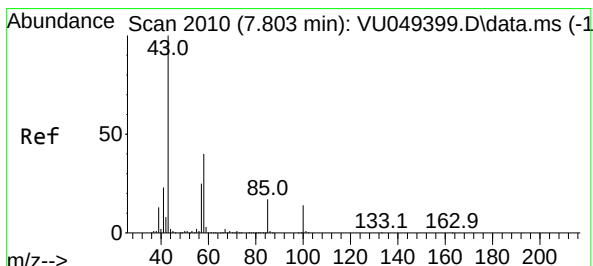
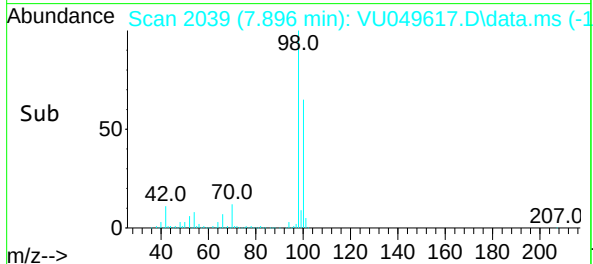
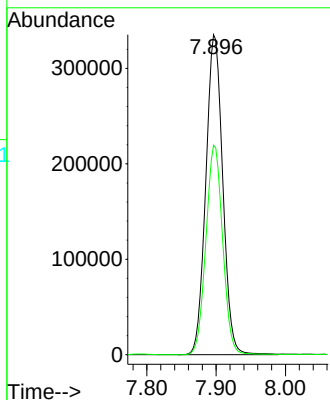
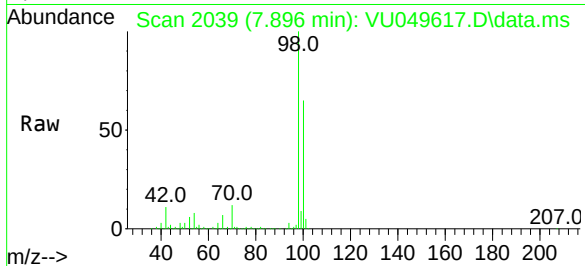




#50
Toluene-d8
Concen: 48.214 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VU049617.D
Acq: 05 Jul 2022 14:48

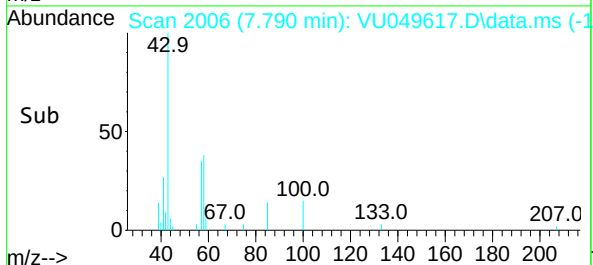
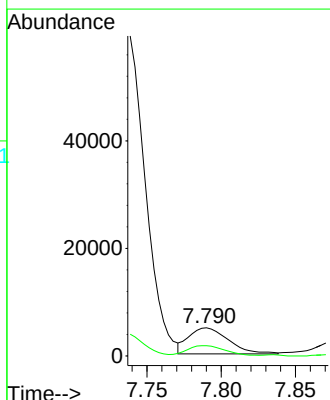
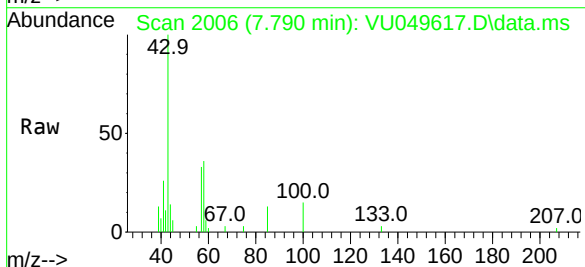
Instrument :
MSVOA_U
ClientSampleId :
WC-16-2-3

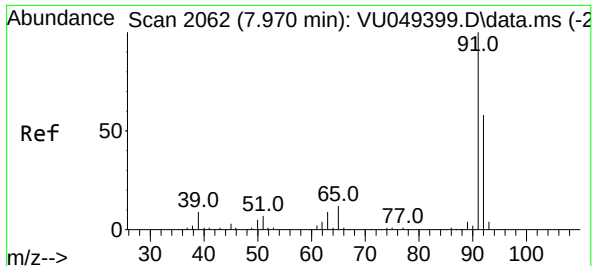
Tgt Ion: 98 Resp: 567865
Ion Ratio Lower Upper
98 100
100 64.8 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 1.411 ug/l
RT: 7.790 min Scan# 2006
Delta R.T. -0.013 min
Lab File: VU049617.D
Acq: 05 Jul 2022 14:48

Tgt Ion: 43 Resp: 9051
Ion Ratio Lower Upper
43 100
58 38.7 34.7 52.1

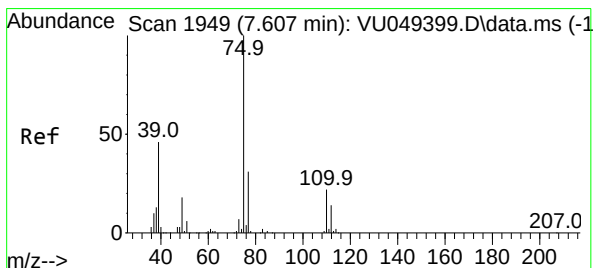
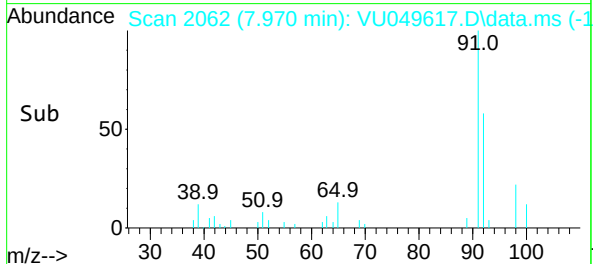
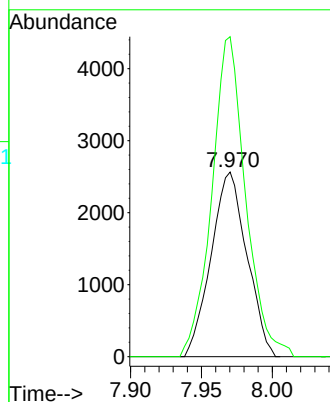
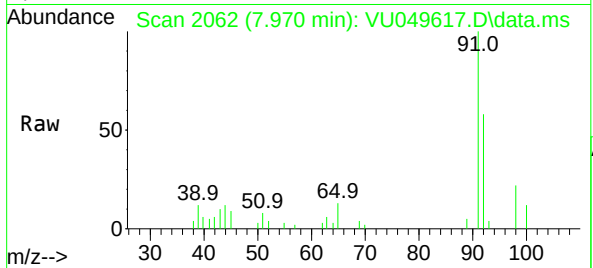




#52
Toluene
Concen: 0.525 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU049617.D
Acq: 05 Jul 2022 14:48

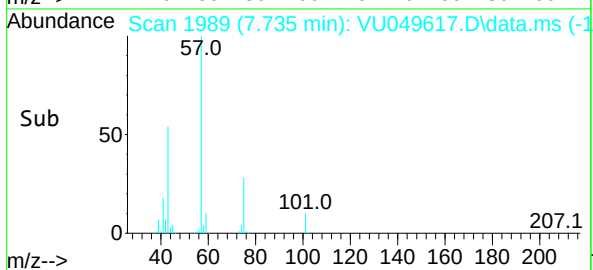
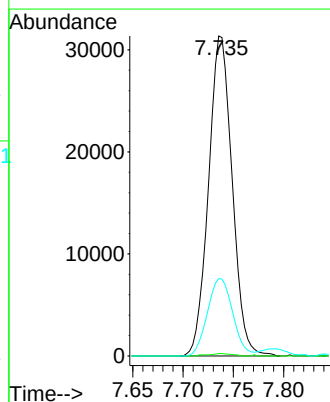
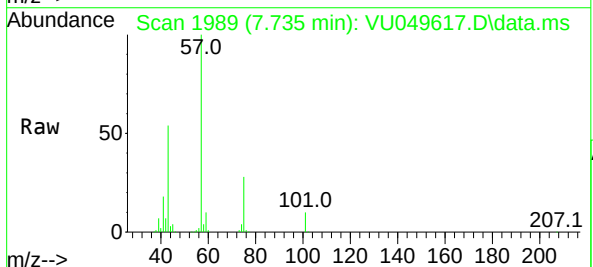
Instrument :
MSVOA_U
ClientSampleId :
WC-16-2-3

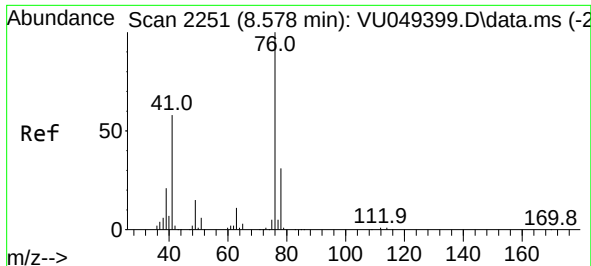
Tgt Ion: 92 Resp: 4512
Ion Ratio Lower Upper
92 100
91 163.6 138.2 207.4



#54
cis-1,3-Dichloropropene
Concen: 8.707 ug/l
RT: 7.735 min Scan# 1989
Delta R.T. 0.129 min
Lab File: VU049617.D
Acq: 05 Jul 2022 14:48

Tgt Ion: 75 Resp: 51261
Ion Ratio Lower Upper
75 100
77 0.7 25.7 38.5#
39 24.2 33.0 49.6#





#57

1,3-Dichloropropane

Concen: 0.900 ug/l

RT: 8.726 min Scan# 21

Delta R.T. 0.148 min

Lab File: VU049617.D

Acq: 05 Jul 2022 14:48

Instrument :

MSVOA_U

ClientSampleId :

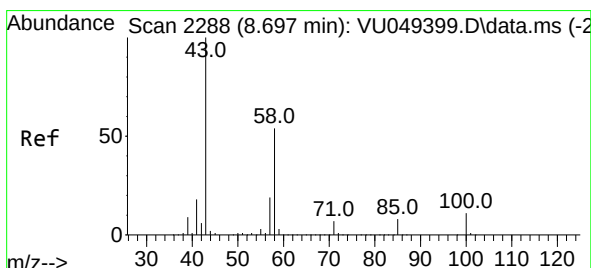
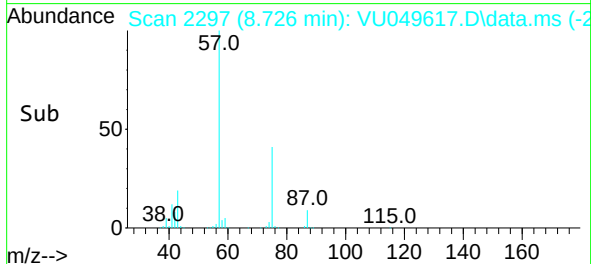
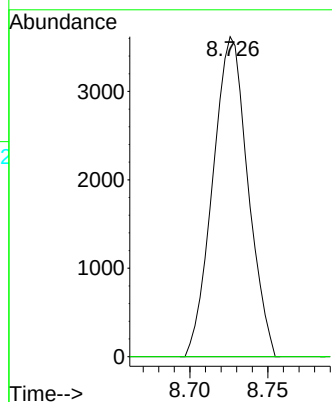
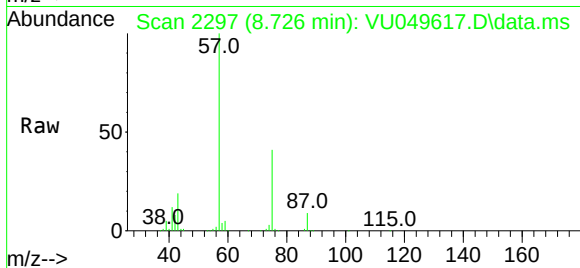
WC-16-2-3

Tgt Ion: 76 Resp: 5671

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#59

2-Hexanone

Concen: 14.930 ug/l

RT: 8.726 min Scan# 2297

Delta R.T. 0.029 min

Lab File: VU049617.D

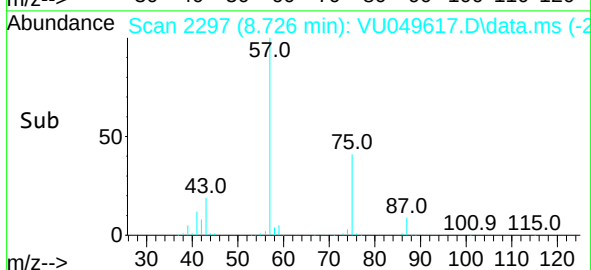
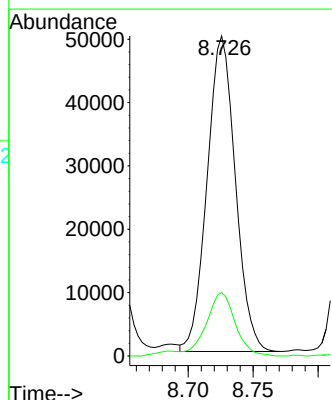
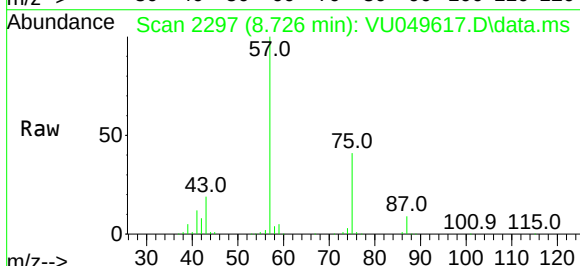
Acq: 05 Jul 2022 14:48

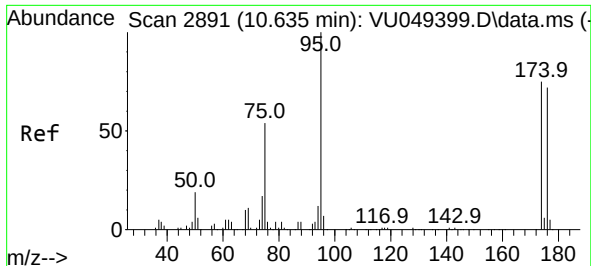
Tgt Ion: 43 Resp: 75333

Ion Ratio Lower Upper

43 100

58 20.5 30.3 90.8#

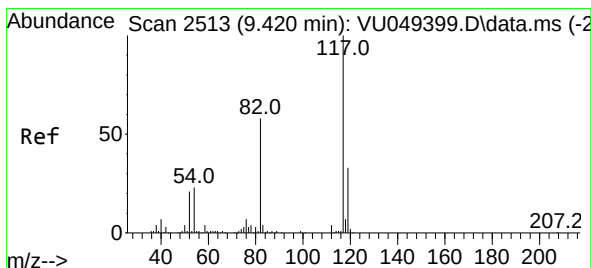
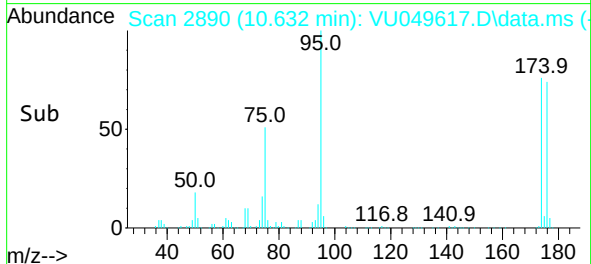
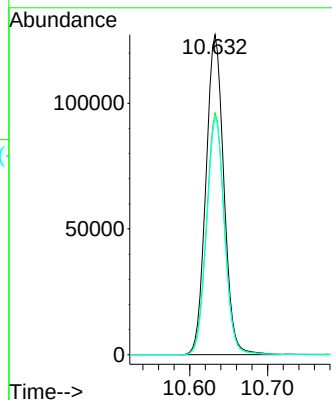
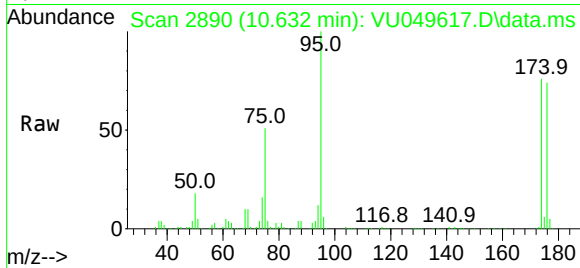




#62
4-Bromofluorobenzene
Concen: 45.056 ug/l
RT: 10.632 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049617.D
Acq: 05 Jul 2022 14:48

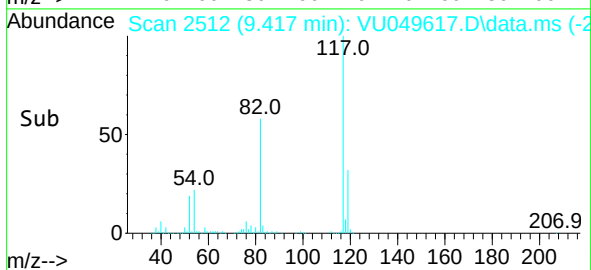
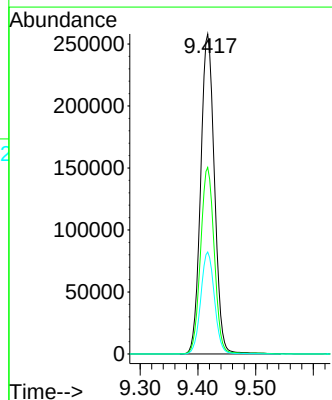
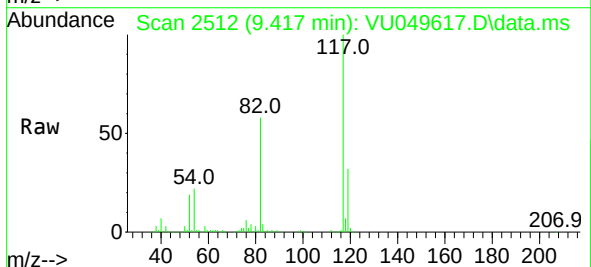
Instrument :
MSVOA_U
ClientSampleId :
WC-16-2-3

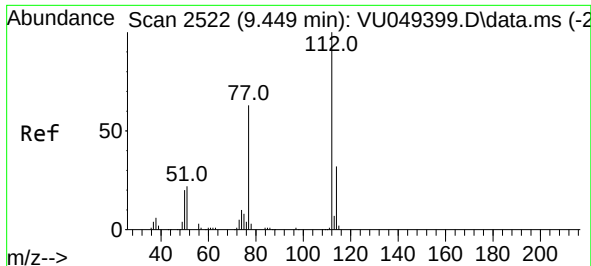
Tgt Ion: 95 Resp: 203281
Ion Ratio Lower Upper
95 100
174 75.8 0.0 182.0
176 73.6 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.003 min
Lab File: VU049617.D
Acq: 05 Jul 2022 14:48

Tgt Ion: 117 Resp: 427687
Ion Ratio Lower Upper
117 100
82 58.3 41.7 62.5
119 31.8 25.7 38.5

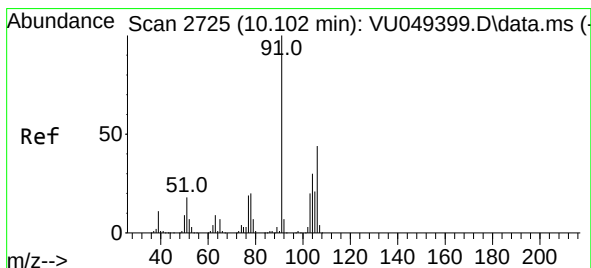
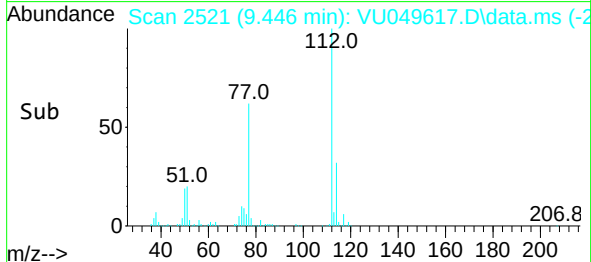
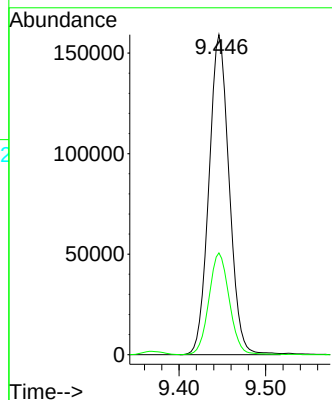
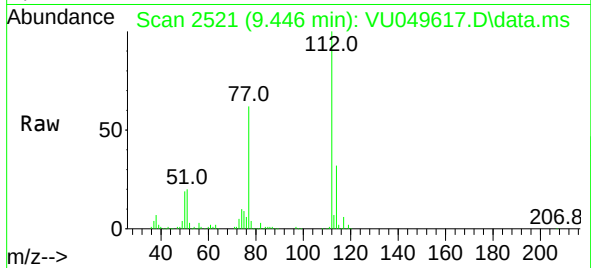




#65
Chlorobenzene
Concen: 29.557 ug/l
RT: 9.446 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049617.D
Acq: 05 Jul 2022 14:48

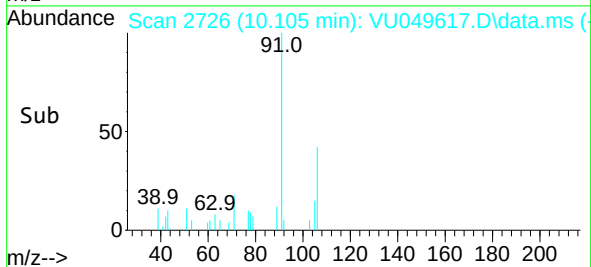
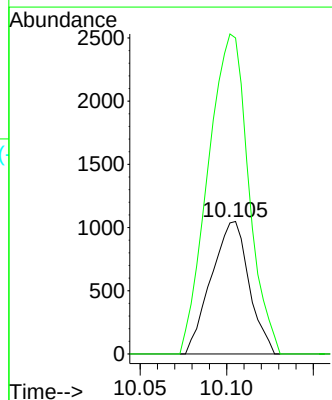
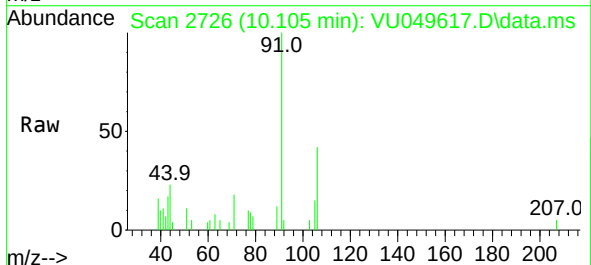
Instrument :
MSVOA_U
ClientSampleId :
WC-16-2-3

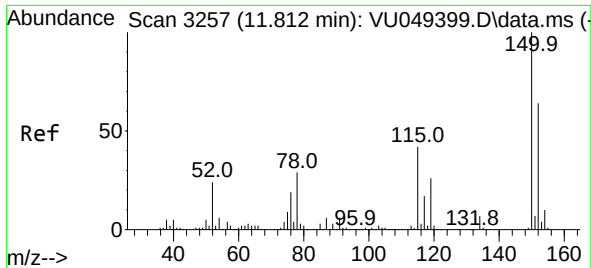
Tgt Ion:112 Resp: 258436
Ion Ratio Lower Upper
112 100
114 31.8 24.9 37.3



#69
o-Xylene
Concen: 0.269 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. 0.003 min
Lab File: VU049617.D
Acq: 05 Jul 2022 14:48

Tgt Ion:106 Resp: 1585
Ion Ratio Lower Upper
106 100
91 259.6 103.5 310.5

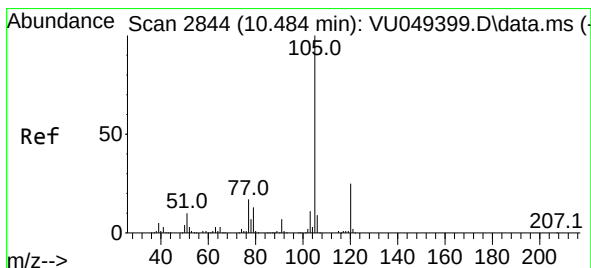
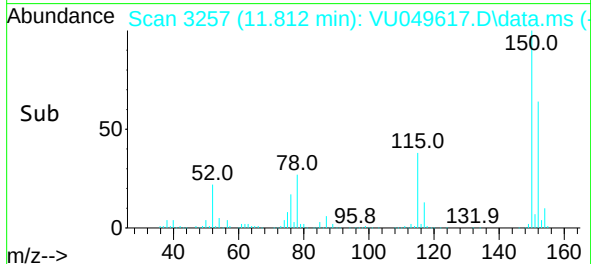
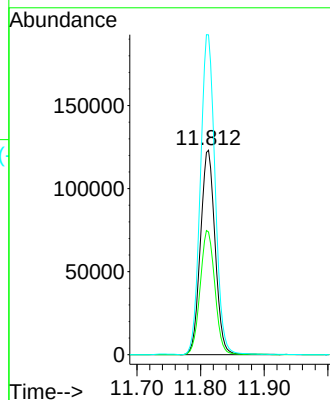
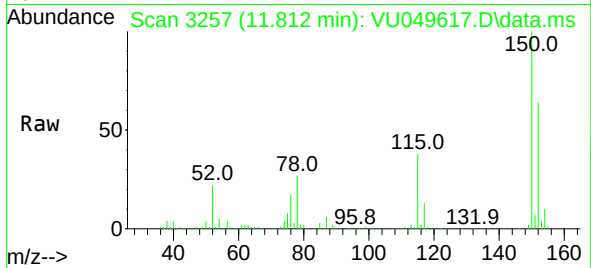




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU049617.D
Acq: 05 Jul 2022 14:48

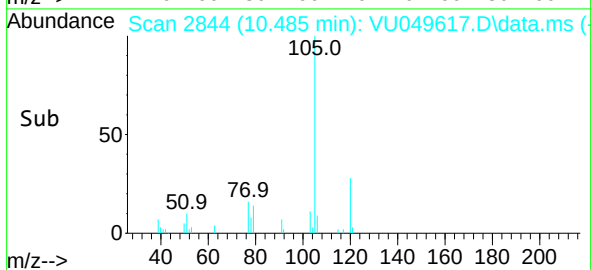
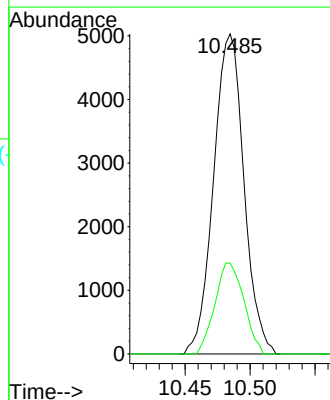
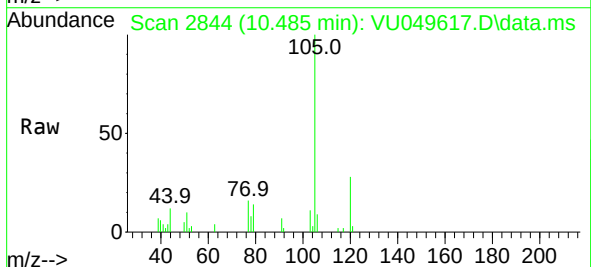
Instrument :
MSVOA_U
ClientSampleId :
WC-16-2-3

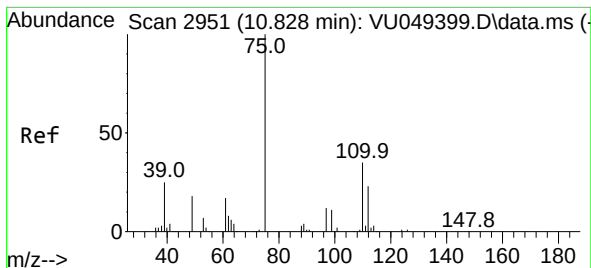
Tgt Ion:152 Resp: 196961
Ion Ratio Lower Upper
152 100
115 60.9 37.0 110.9
150 157.2 0.0 342.2



#73
Isopropylbenzene
Concen: 0.582 ug/l
RT: 10.485 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU049617.D
Acq: 05 Jul 2022 14:48

Tgt Ion:105 Resp: 8162
Ion Ratio Lower Upper
105 100
120 27.0 13.8 41.4





#76

1,2,3-Trichloropropane

Concen: 15.452 ug/l

RT: 10.632 min Scan# 21

Delta R.T. -0.196 min

Lab File: VU049617.D

Acq: 05 Jul 2022 14:48

Instrument :

MSVOA_U

ClientSampleId :

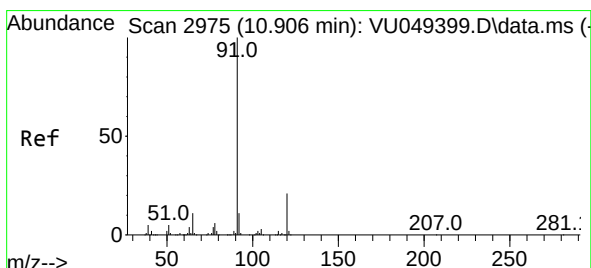
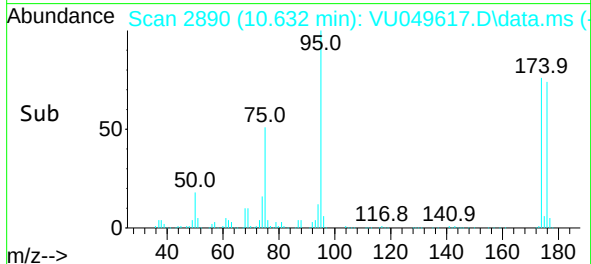
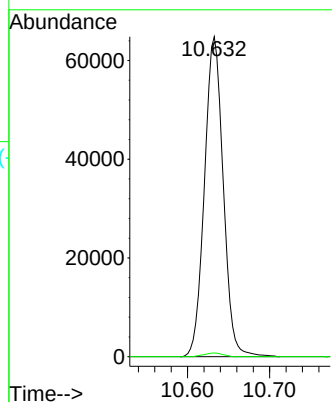
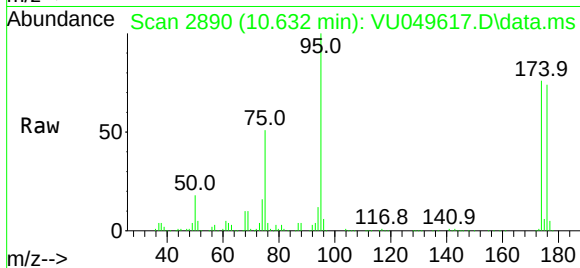
WC-16-2-3

Tgt Ion: 75 Resp: 103167

Ion Ratio Lower Upper

75 100

77 1.2 15.8 47.3#



#78

n-propylbenzene

Concen: 0.402 ug/l

RT: 10.906 min Scan# 2975

Delta R.T. 0.000 min

Lab File: VU049617.D

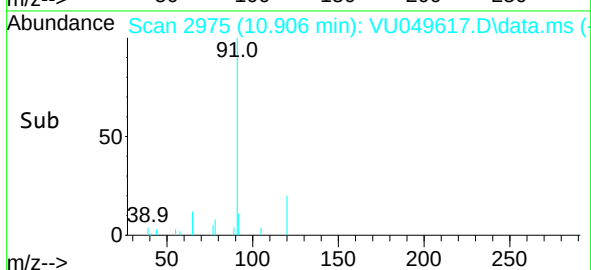
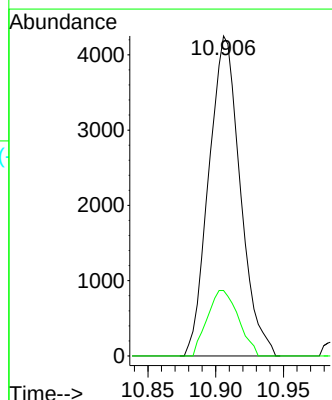
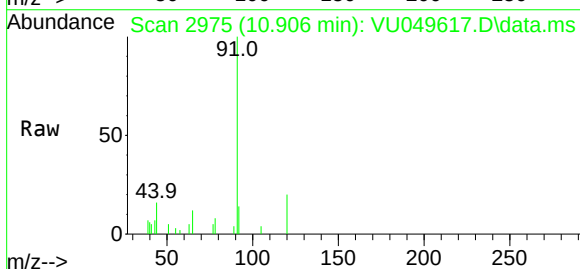
Acq: 05 Jul 2022 14:48

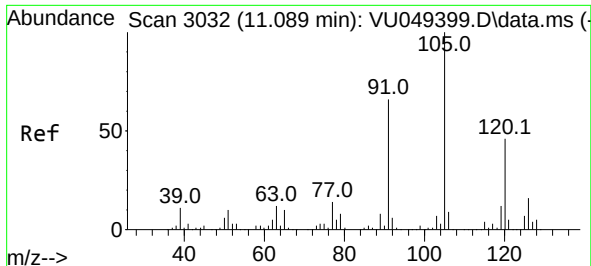
Tgt Ion: 91 Resp: 6857

Ion Ratio Lower Upper

91 100

120 20.2 11.9 35.5

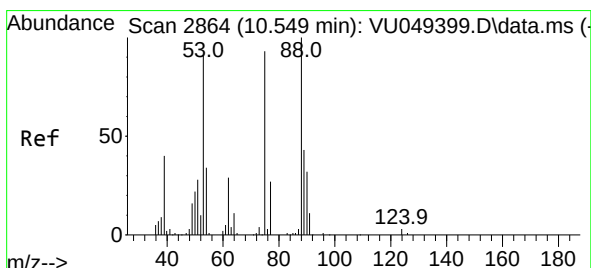
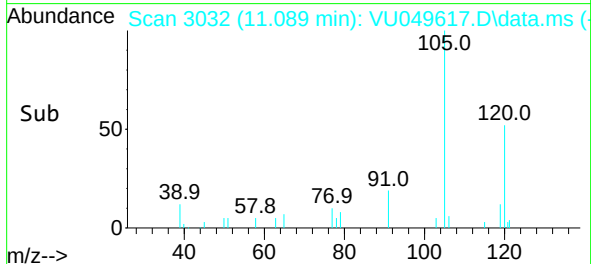
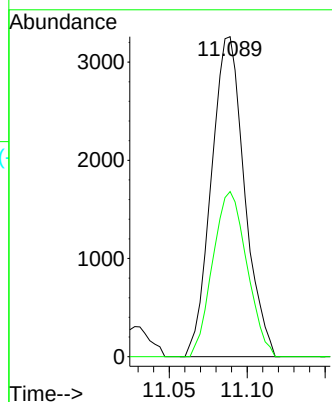
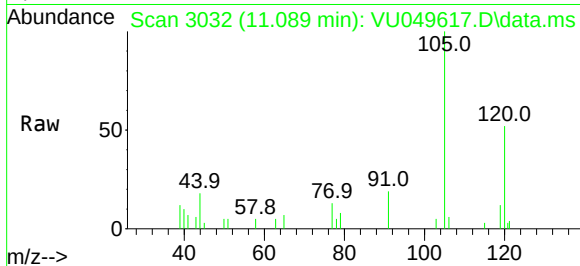




#80
1,3,5-Trimethylbenzene
Concen: 0.394 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU049617.D
Acq: 05 Jul 2022 14:48

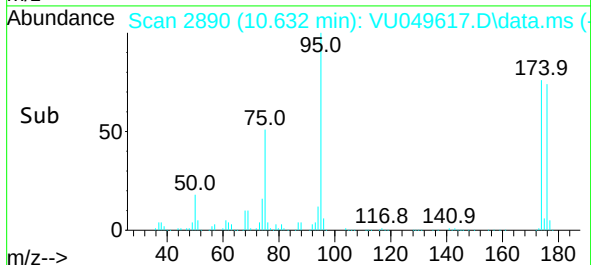
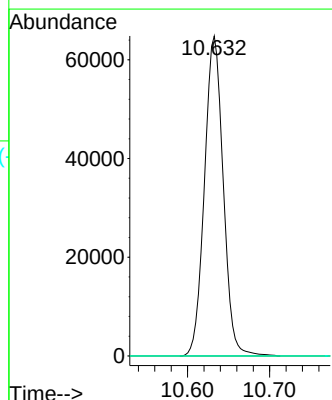
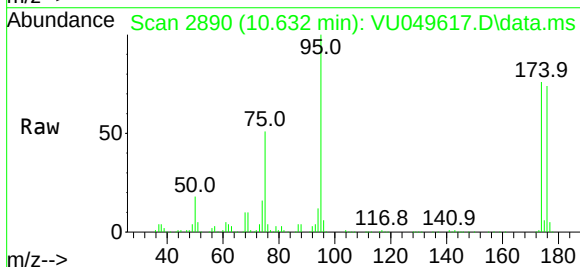
Instrument :
MSVOA_U
ClientSampleId :
WC-16-2-3

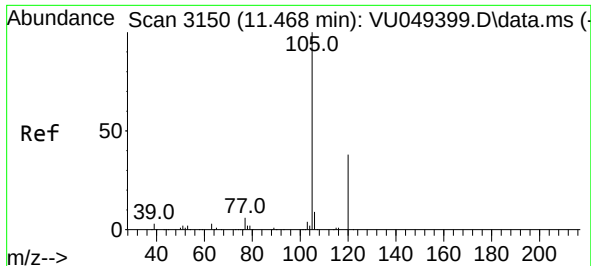
Tgt Ion:105 Resp: 4820
Ion Ratio Lower Upper
105 100
120 53.1 25.3 75.9



#81
trans-1,4-Dichloro-2-butene
Concen: 57.061 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.084 min
Lab File: VU049617.D
Acq: 05 Jul 2022 14:48

Tgt Ion: 75 Resp: 103167
Ion Ratio Lower Upper
75 100
53 0.0 69.2 103.8#
89 0.0 37.0 55.6#

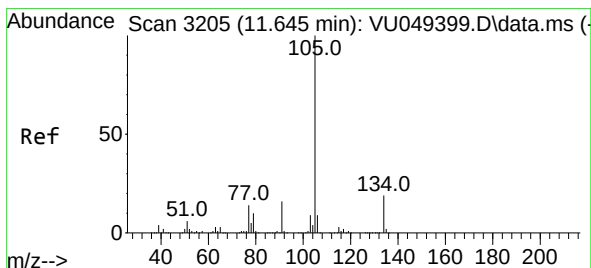
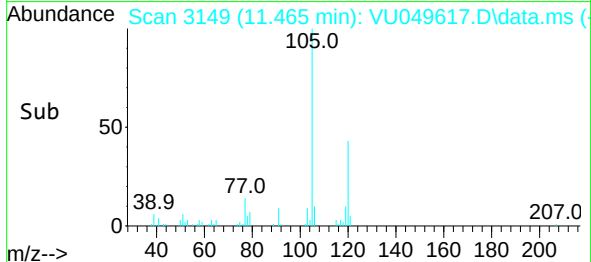
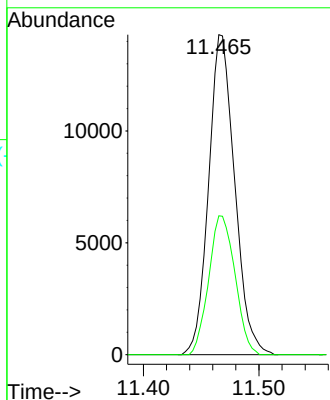
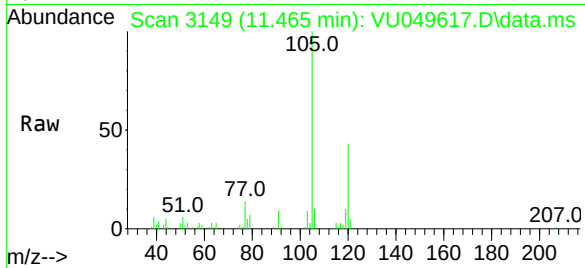




#84
1,2,4-Trimethylbenzene
Concen: 1.860 ug/l
RT: 11.465 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU049617.D
Acq: 05 Jul 2022 14:48

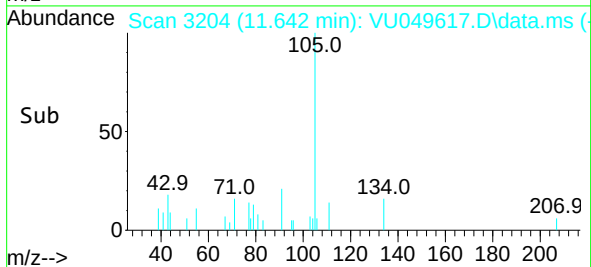
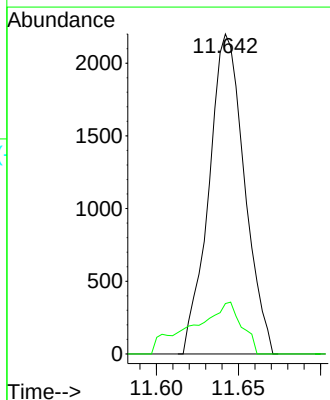
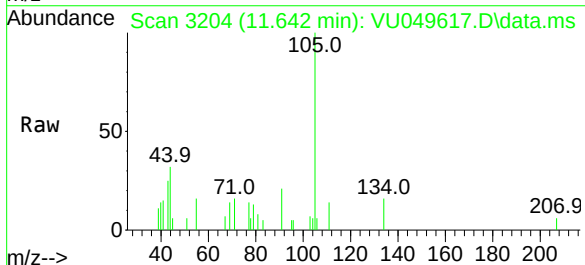
Instrument :
MSVOA_U
ClientSampleId :
WC-16-2-3

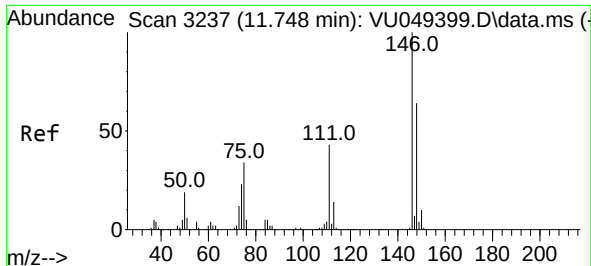
Tgt Ion:105 Resp: 22382
Ion Ratio Lower Upper
105 100
120 43.8 23.4 70.3



#85
sec-Butylbenzene
Concen: 0.219 ug/l
RT: 11.642 min Scan# 3204
Delta R.T. -0.003 min
Lab File: VU049617.D
Acq: 05 Jul 2022 14:48

Tgt Ion:105 Resp: 3317
Ion Ratio Lower Upper
105 100
134 22.5 10.4 31.1





#87

1,3-Dichlorobenzene

Concen: 1.052 ug/l

RT: 11.748 min Scan# 3237

Delta R.T. 0.000 min

Lab File: VU049617.D

Acq: 05 Jul 2022 14:48

Instrument :

MSVOA_U

ClientSampleId :

WC-16-2-3

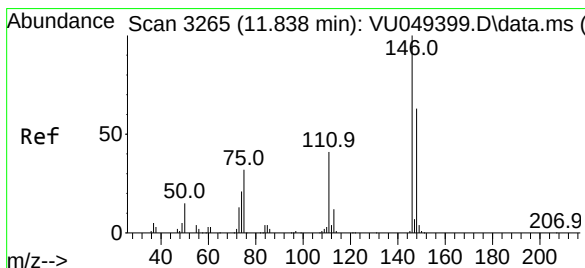
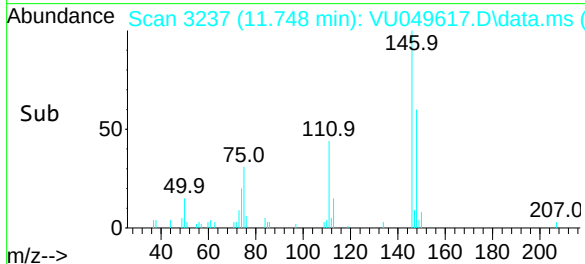
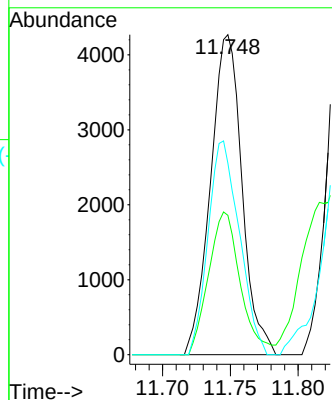
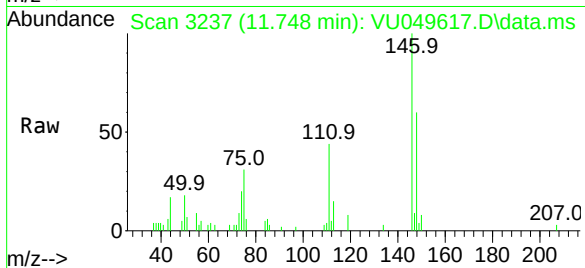
Tgt Ion:146 Resp: 6889

Ion Ratio Lower Upper

146 100

111 45.1 18.9 56.5

148 66.4 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 1.047 ug/l

RT: 11.748 min Scan# 3237

Delta R.T. -0.090 min

Lab File: VU049617.D

Acq: 05 Jul 2022 14:48

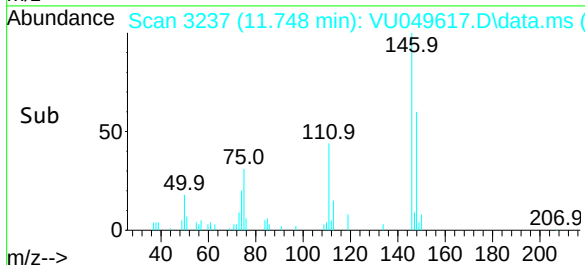
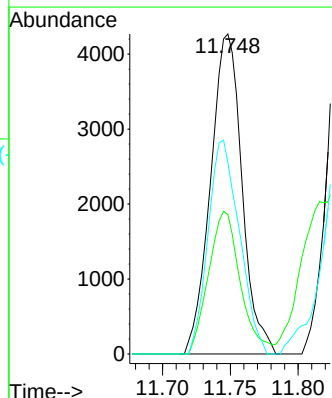
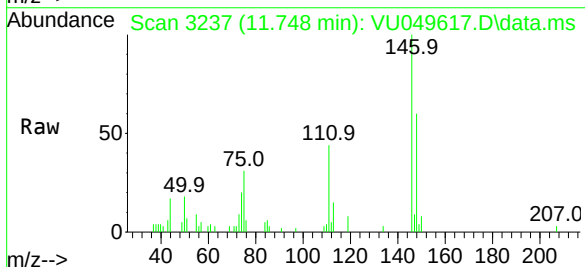
Tgt Ion:146 Resp: 6889

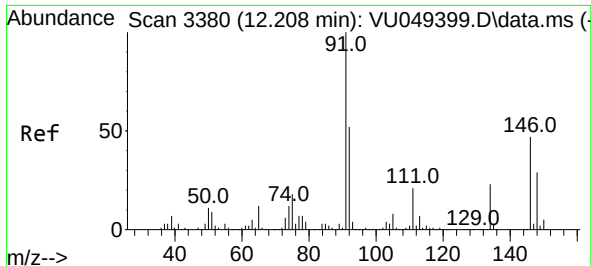
Ion Ratio Lower Upper

146 100

111 45.1 18.5 55.5

148 66.4 31.9 95.7





#89

n-Butylbenzene

Concen: 0.218 ug/l

RT: 12.208 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU049617.D

Acq: 05 Jul 2022 14:48

Instrument :

MSVOA_U

ClientSampleId :

WC-16-2-3

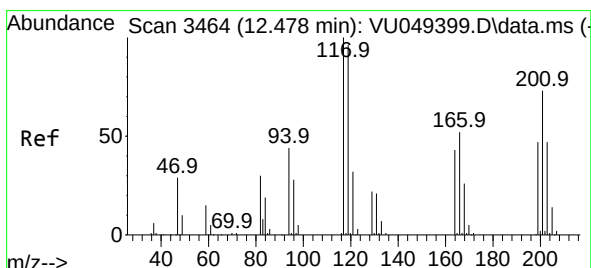
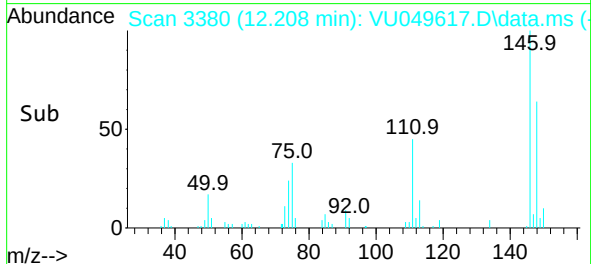
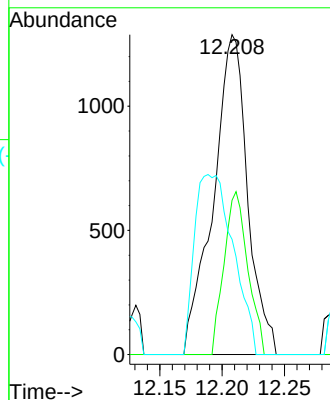
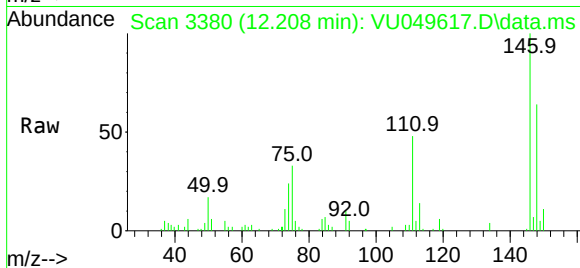
Tgt Ion: 91 Resp: 2469

Ion Ratio Lower Upper

91 100

92 35.2 26.2 78.6

134 0.0 13.5 40.4#



#90

Hexachloroethane

Concen: 0.228 ug/l

RT: 12.462 min Scan# 3459

Delta R.T. -0.016 min

Lab File: VU049617.D

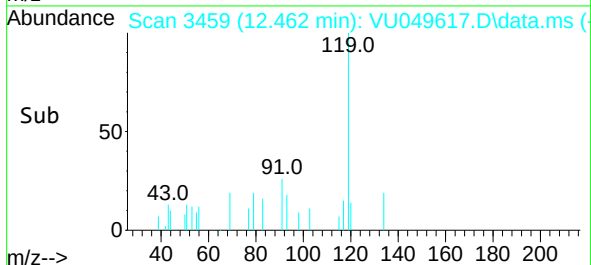
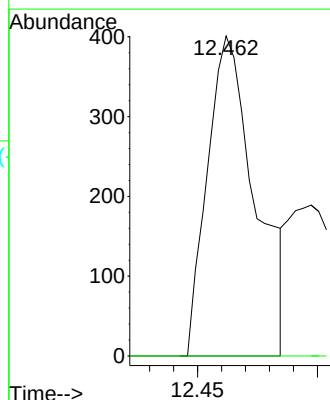
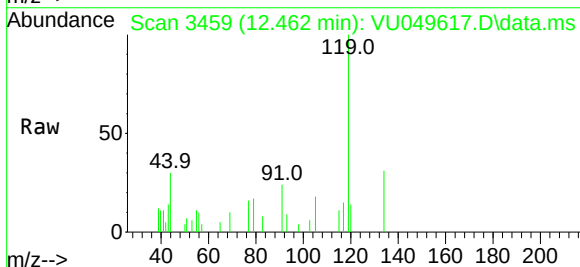
Acq: 05 Jul 2022 14:48

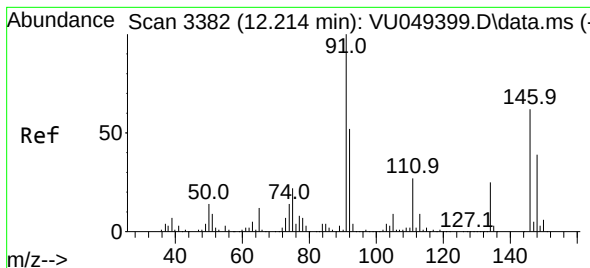
Tgt Ion: 117 Resp: 556

Ion Ratio Lower Upper

117 100

201 0.0 44.6 134.0#





#91

1,2-Dichlorobenzene

Concen: 3.356 ug/l

RT: 12.214 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU049617.D

Acq: 05 Jul 2022 14:48

Instrument :

MSVOA_U

ClientSampleId :

WC-16-2-3

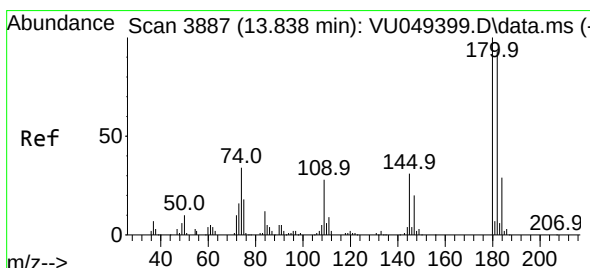
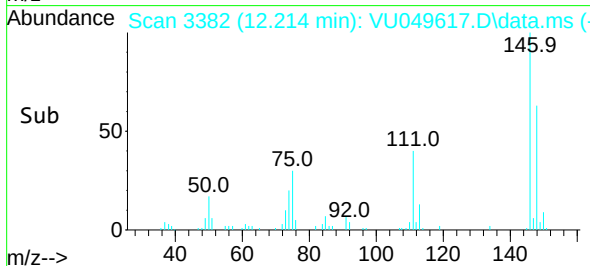
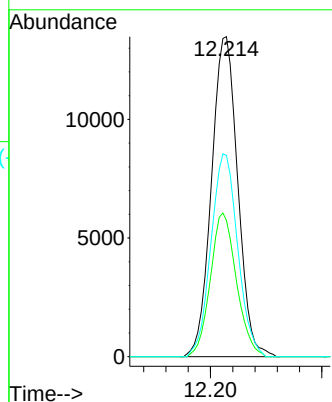
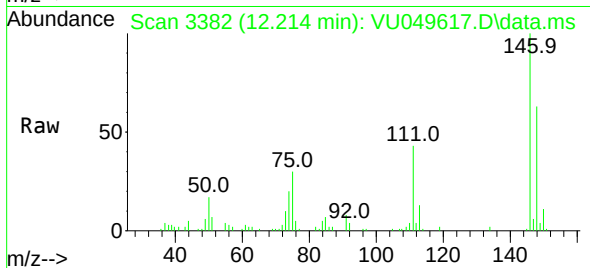
Tgt Ion:146 Resp: 22077

Ion Ratio Lower Upper

146 100

111 44.5 19.9 59.6

148 64.6 32.1 96.5



#93

1,2,4-Trichlorobenzene

Concen: 1.893 ug/l

RT: 13.841 min Scan# 3888

Delta R.T. 0.003 min

Lab File: VU049617.D

Acq: 05 Jul 2022 14:48

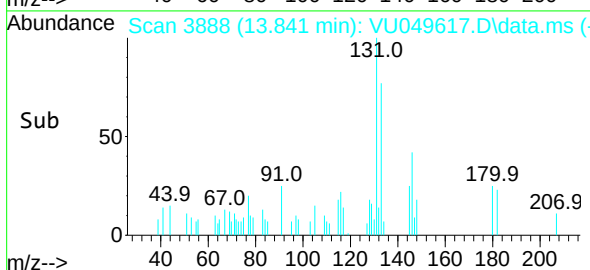
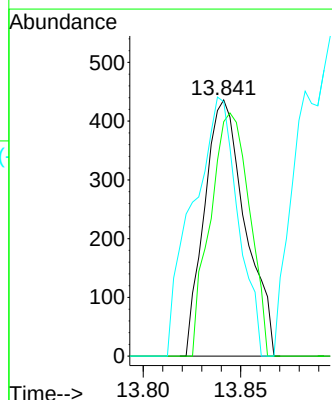
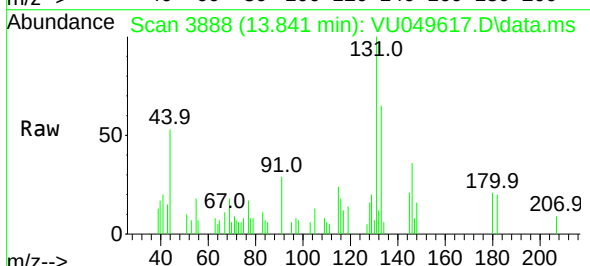
Tgt Ion:180 Resp: 636

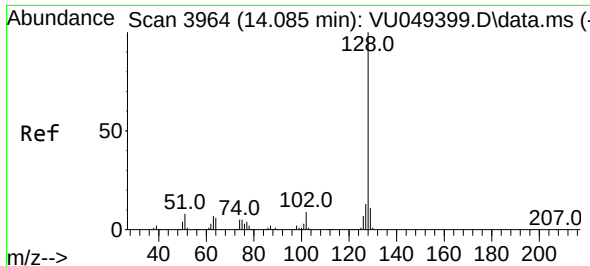
Ion Ratio Lower Upper

180 100

182 91.0 47.9 143.6

145 111.9 14.0 41.9#

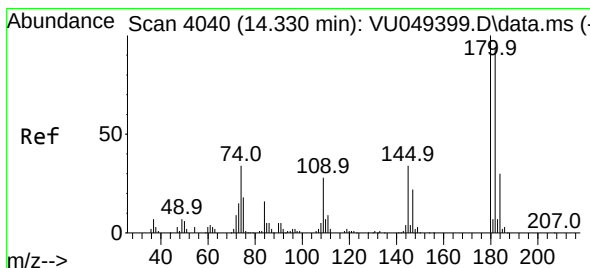
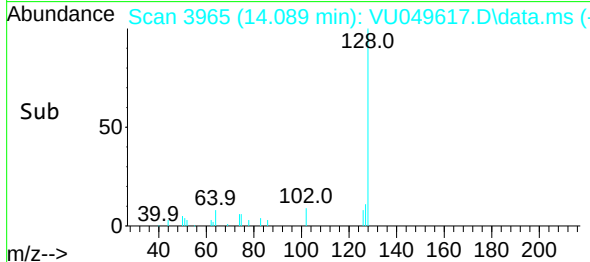
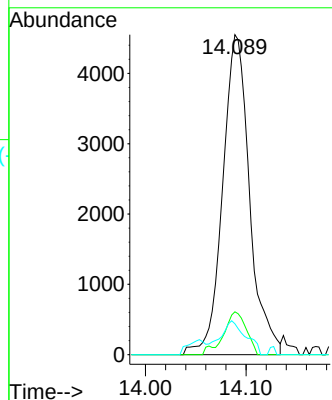
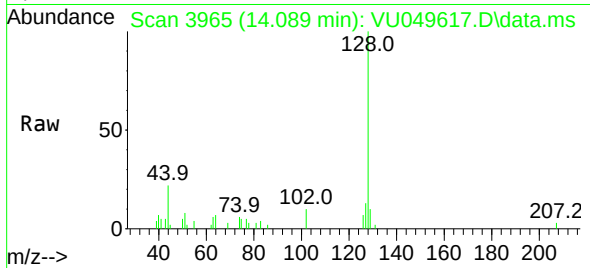




#95
Naphthalene
Concen: 2.265 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU049617.D
Acq: 05 Jul 2022 14:48

Instrument :
MSVOA_U
ClientSampleId :
WC-16-2-3

Tgt Ion:128 Resp: 8459
Ion Ratio Lower Upper
128 100
127 10.3 10.3 15.5#
129 9.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 1.240 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU049617.D
Acq: 05 Jul 2022 14:48

Tgt Ion:180 Resp: 291
Ion Ratio Lower Upper
180 100
182 119.6 48.4 145.0
145 444.7 14.8 44.4#

