

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063022\
 Data File : VU049558.D
 Acq On : 30 Jun 2022 12:59
 Operator : SY/MD
 Sample : N3499-04DL 1000X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 31052-WATERDL

Quant Time: Jul 01 05:24:43 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	257771	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	455200	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	412085	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	193970	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	181655	45.759	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.520%		
35) Dibromofluoromethane	5.288	113	144777	45.460	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.920%		
50) Toluene-d8	7.896	98	551545	48.556	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.120%		
62) 4-Bromofluorobenzene	10.632	95	199331	45.810	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.620%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	1190	Below Cal	#	82
6) Chloroethane	1.842	64	51	1.941	ug/l #	44
10) Methyl Iodide	2.723	142	147	7.557	ug/l #	43
11) Tert butyl alcohol	3.182	59	10495	11.295	ug/l #	37
13) Acrolein	2.465	56	747	1.187	ug/l #	1
16) Acetone	2.633	43	9843	4.917	ug/l #	85
18) Methyl Acetate	2.954	43	5292	0.977	ug/l #	79
19) Methyl tert-butyl Ether	3.362	73	35749	3.433	ug/l #	69
20) Methylene Chloride	3.044	84	1245	Below Cal	#	90
22) Diisopropyl ether	3.989	45	5124	0.474	ug/l #	51
23) Vinyl Acetate	3.993	43	2702	0.285	ug/l #	69
25) 2-Butanone	4.723	43	8595	2.865	ug/l	96
29) Tetrahydrofuran	5.076	42	1211	0.588	ug/l #	55
31) Cyclohexane	5.375	56	12245	2.054	ug/l #	54
36) 1,1-Dichloropropene	5.372	75	20595	4.460	ug/l #	49
37) Ethyl Acetate	4.809	43	3445	0.546	ug/l	97
38) Carbon Tetrachloride	5.372	117	25754	5.318	ug/l #	16
39) Methylcyclohexane	6.761	83	5175	0.935	ug/l	94
40) Benzene	5.774	78	249531	17.898	ug/l	97
42) 1,2-Dichloroethane	5.774	62	2444	0.471	ug/l #	74
43) Isopropyl Acetate	5.896	43	2043	0.221	ug/l #	58
44) Trichloroethene	6.542	130	806	0.243	ug/l	62
51) 4-Methyl-2-Pentanone	7.796	43	1673	0.270	ug/l #	73
52) Toluene	7.970	92	560653	67.659	ug/l	100
53) t-1,3-Dichloropropene	7.967	75	6336	1.192	ug/l #	1
59) 2-Hexanone	8.693	43	1866	0.383	ug/l	90
67) Ethyl Benzene	9.571	91	98345	6.359	ug/l	97
68) m/p-Xylenes	9.693	106	126918	22.179	ug/l	91
69) o-Xylene	10.098	106	62145	10.939	ug/l	88
70) Styrene	10.102	104	3845	0.421	ug/l #	1
73) Isopropylbenzene	10.488	105	3940	0.285	ug/l	96
76) 1,2,3-Trichloropropane	10.632	75	101171	15.386	ug/l #	45
78) n-propylbenzene	10.906	91	12496	0.744	ug/l	95
79) 2-Chlorotoluene	10.999	91	6866	0.664	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.086	105	14677	1.217	ug/l	94
81) trans-1,4-Dichloro-2-b...	10.632	75	101171	56.820	ug/l #	15

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Quant Title : SW846 8260
QLast Update : Tue Jun 28 10:35:43 2022
Response via : Initial Calibration

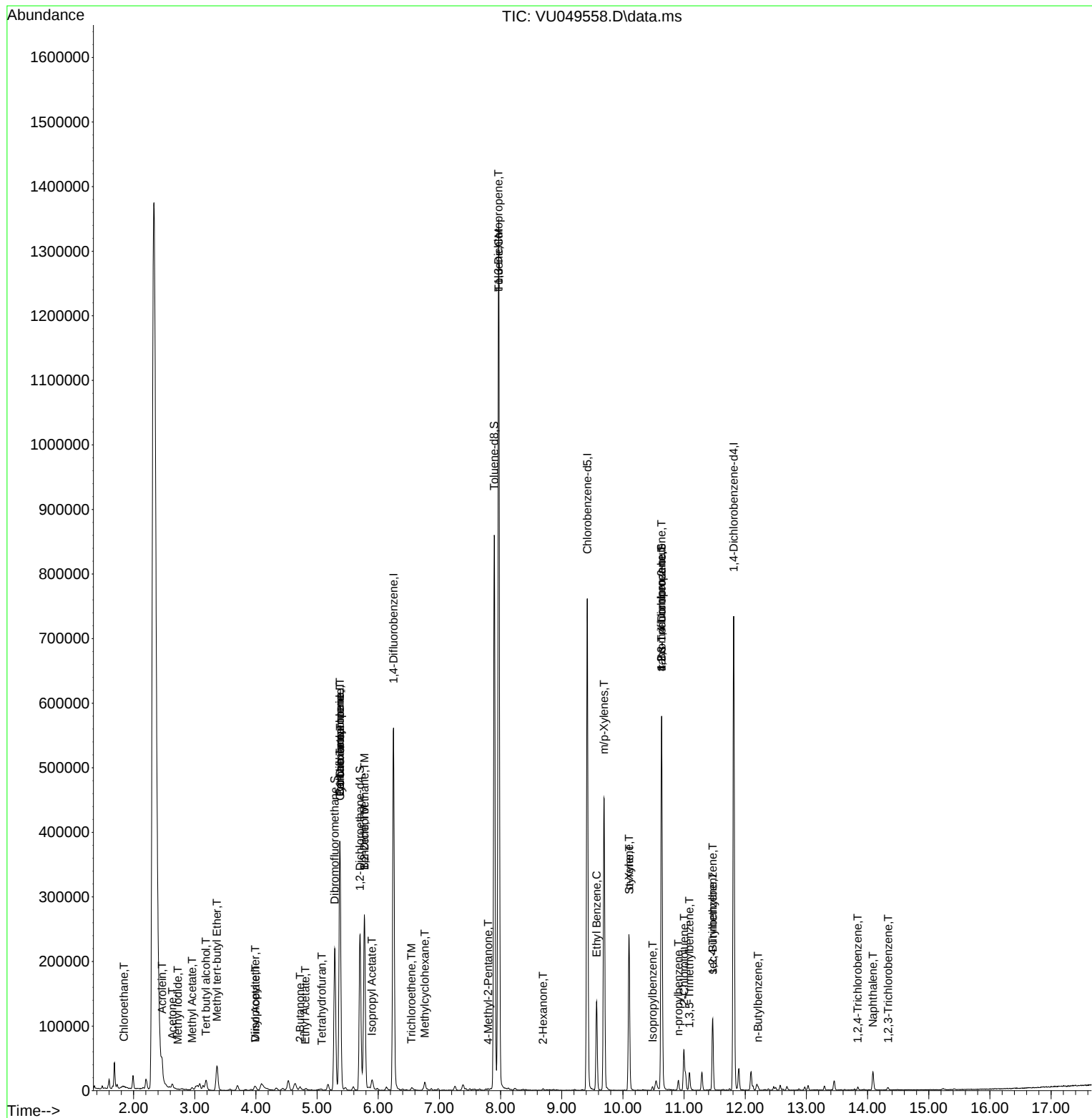
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	11.468	105	61429	5.184	ug/l	93
85) sec-Butylbenzene	11.468	105	61429	4.118	ug/l #	56
89) n-Butylbenzene	12.208	91	2862	0.256	ug/l #	68
93) 1,2,4-Trichlorobenzene	13.838	180	1220	2.025	ug/l	98
95) Naphthalene	14.089	128	24925	3.320	ug/l	99
96) 1,2,3-Trichlorobenzene	14.336	180	1597	1.526	ug/l	97

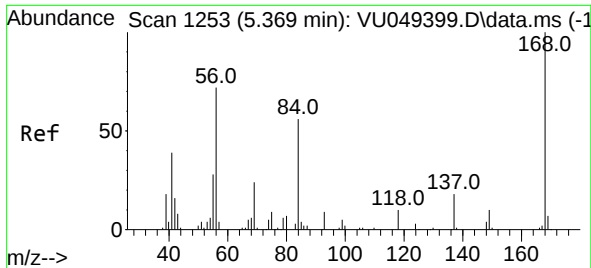
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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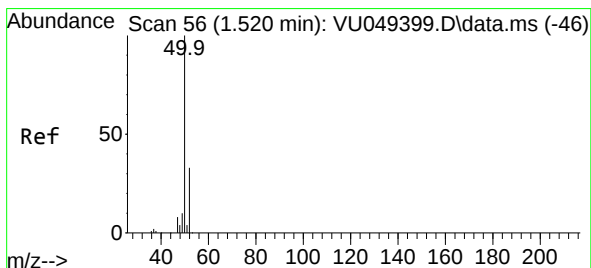
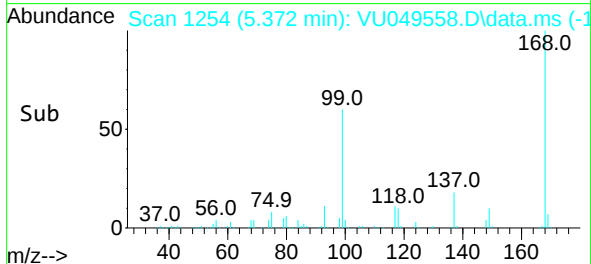
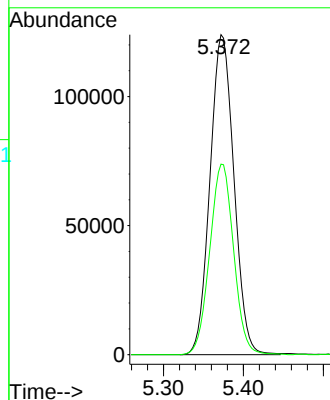
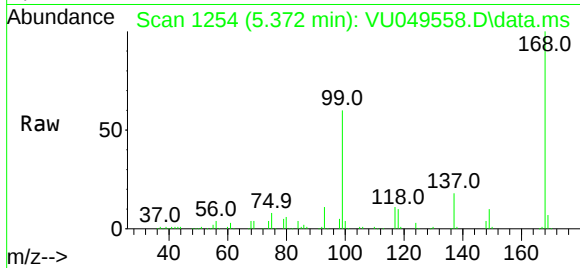




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049558.D
Acq: 30 Jun 2022 12:59

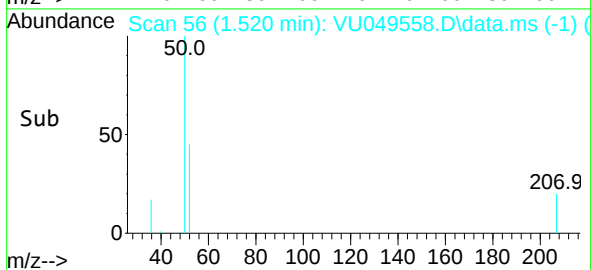
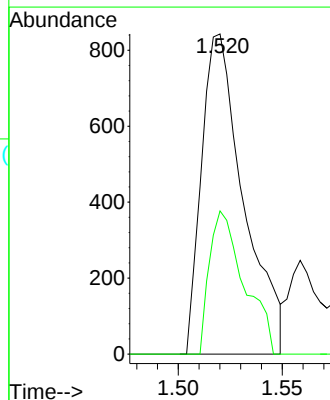
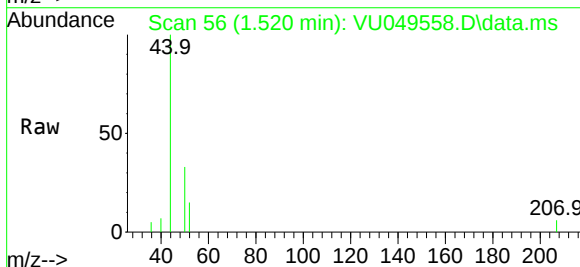
Instrument :
MSVOA_U
ClientSampleId :
31052-WATERDL

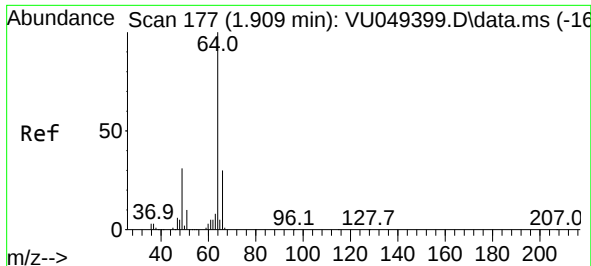
Tgt Ion:168 Resp: 257771
Ion Ratio Lower Upper
168 100
99 59.6 39.3 58.9#



#3
Chloromethane
Concen: Below Cal
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU049558.D
Acq: 30 Jun 2022 12:59

Tgt Ion: 50 Resp: 1190
Ion Ratio Lower Upper
50 100
52 44.7 27.4 41.2#

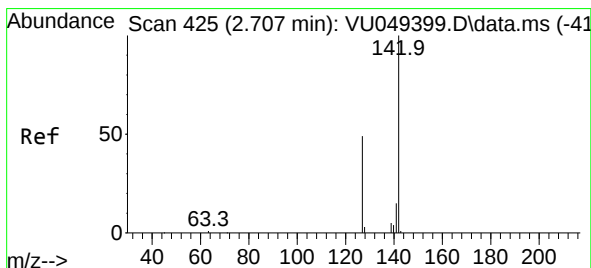
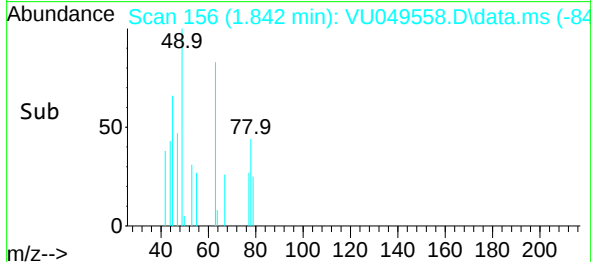
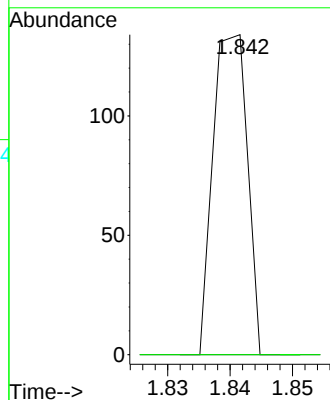
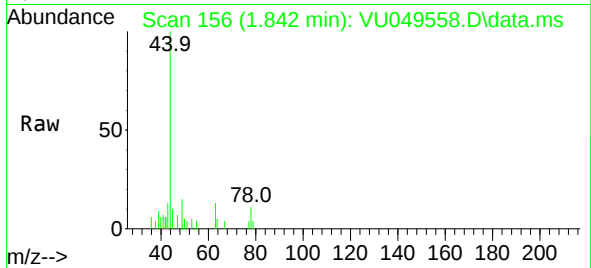




#6
Chloroethane
Concen: 1.941 ug/l
RT: 1.842 min Scan# 11
Delta R.T. -0.068 min
Lab File: VU049558.D
Acq: 30 Jun 2022 12:59

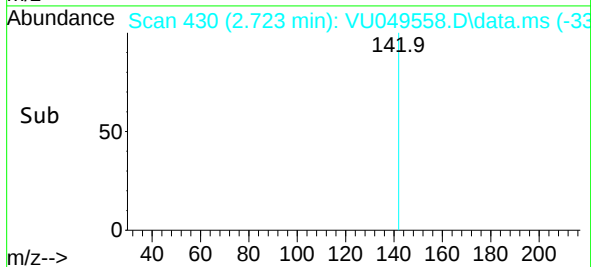
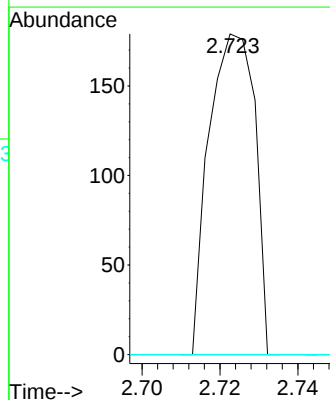
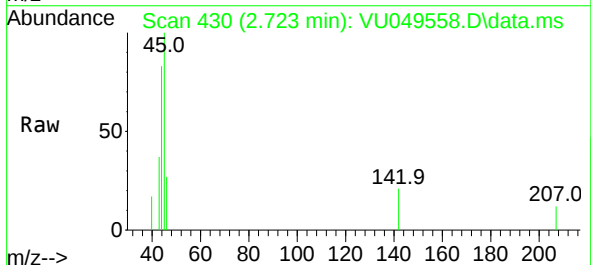
Instrument :
MSVOA_U
ClientSampleId :
31052-WATERDL

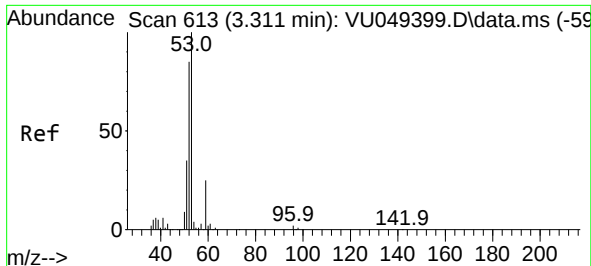
Tgt Ion: 64 Resp: 51
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#10
Methyl Iodide
Concen: 7.557 ug/l
RT: 2.723 min Scan# 430
Delta R.T. 0.016 min
Lab File: VU049558.D
Acq: 30 Jun 2022 12:59

Tgt Ion: 142 Resp: 147
Ion Ratio Lower Upper
142 100
127 0.0 32.5 48.7#
141 0.0 11.4 17.0#





#11

Tert butyl alcohol

Concen: 11.295 ug/l

RT: 3.182 min Scan# 51

Delta R.T. -0.129 min

Lab File: VU049558.D

Acq: 30 Jun 2022 12:59

Instrument :

MSVOA_U

ClientSampleId :

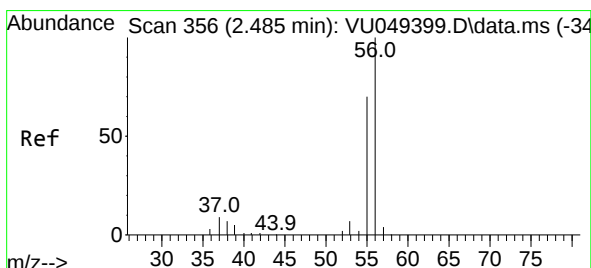
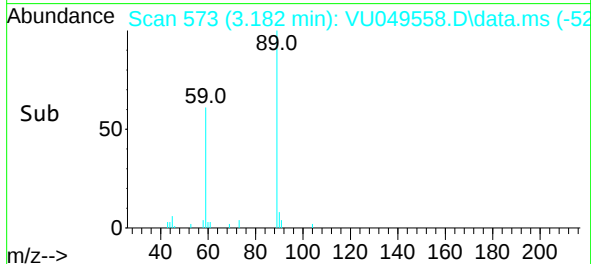
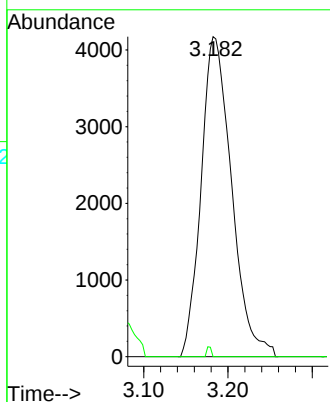
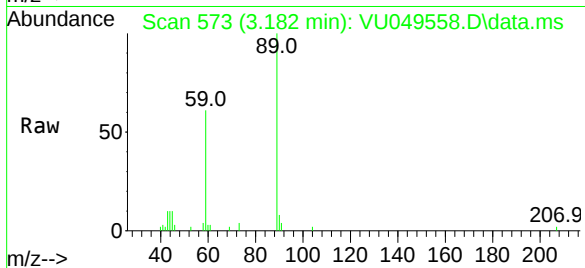
31052-WATERDL

Tgt Ion: 59 Resp: 10495

Ion Ratio Lower Upper

59 100

57 0.0 30.6 45.8#



#13

Acrolein

Concen: 1.187 ug/l

RT: 2.465 min Scan# 350

Delta R.T. -0.019 min

Lab File: VU049558.D

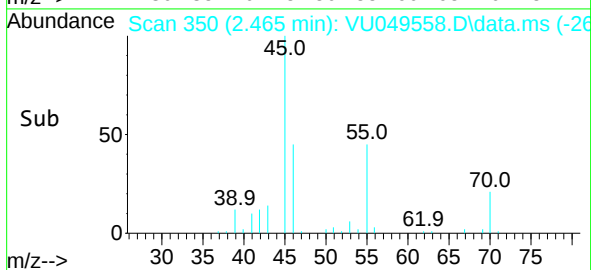
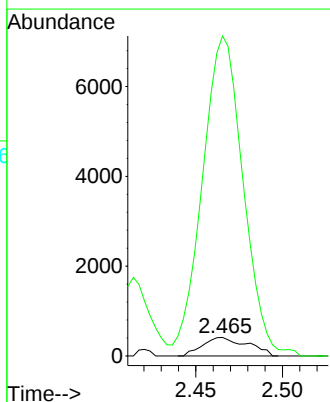
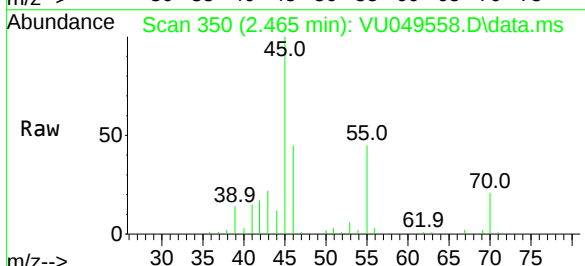
Acq: 30 Jun 2022 12:59

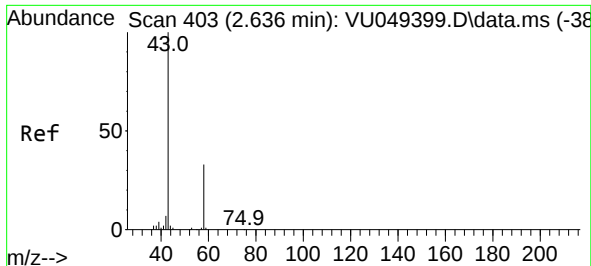
Tgt Ion: 56 Resp: 747

Ion Ratio Lower Upper

56 100

55 1558.8 56.6 85.0#

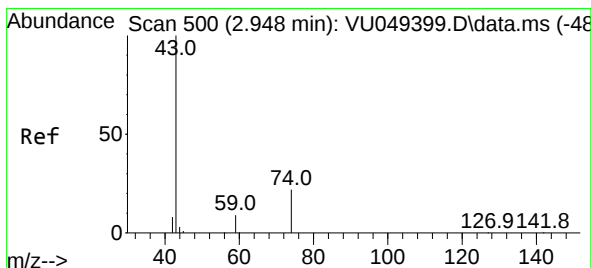
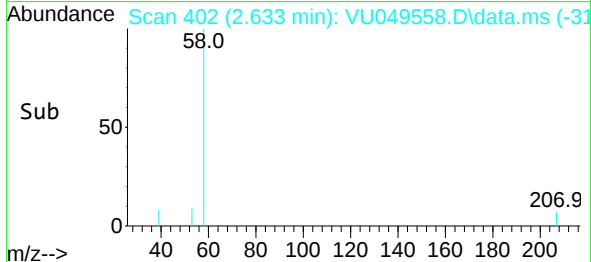
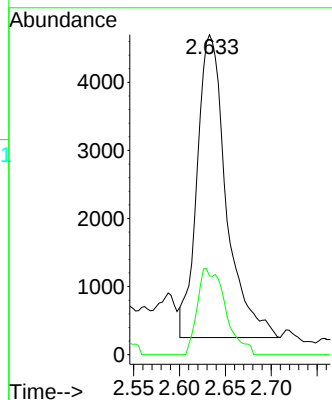
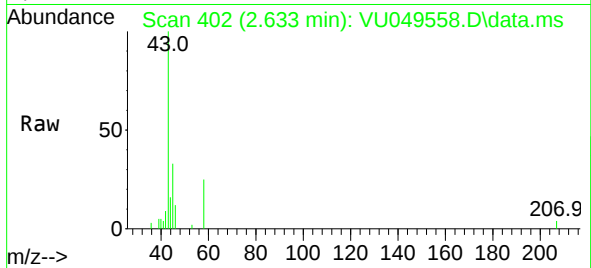




#16
Acetone
Concen: 4.917 ug/l
RT: 2.633 min Scan# 403
Delta R.T. -0.003 min
Lab File: VU049558.D
Acq: 30 Jun 2022 12:59

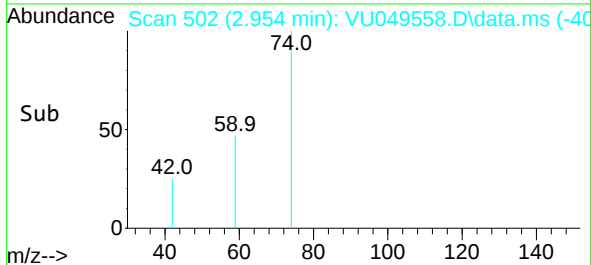
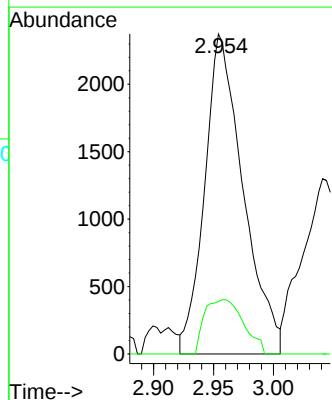
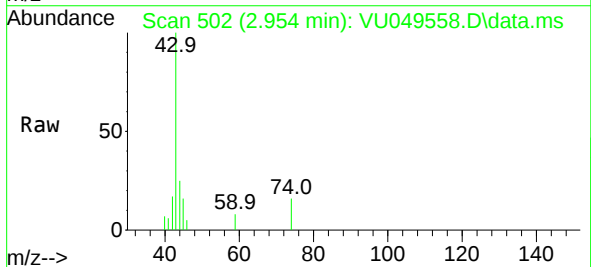
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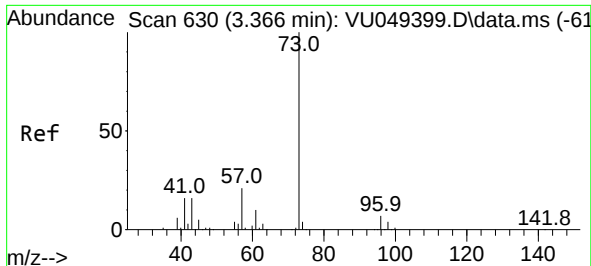
Tgt Ion: 43 Resp: 9843
Ion Ratio Lower Upper
43 100
58 26.0 27.5 41.3#



#18
Methyl Acetate
Concen: 0.977 ug/l
RT: 2.954 min Scan# 502
Delta R.T. 0.006 min
Lab File: VU049558.D
Acq: 30 Jun 2022 12:59

Tgt Ion: 43 Resp: 5292
Ion Ratio Lower Upper
43 100
74 17.2 22.5 33.7#

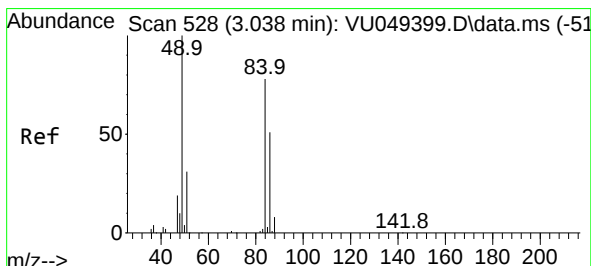
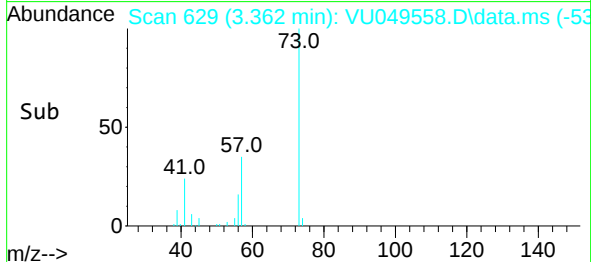
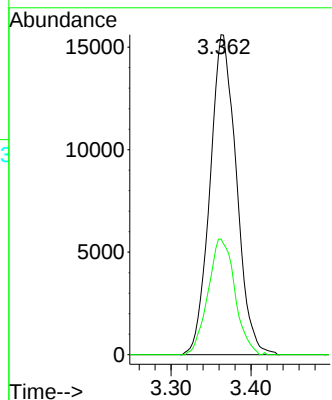
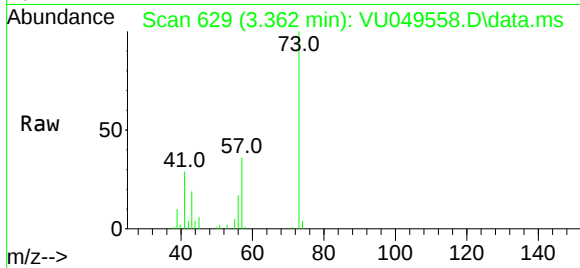




#19
Methyl tert-butyl Ether
Concen: 3.433 ug/l
RT: 3.362 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU049558.D
Acq: 30 Jun 2022 12:59

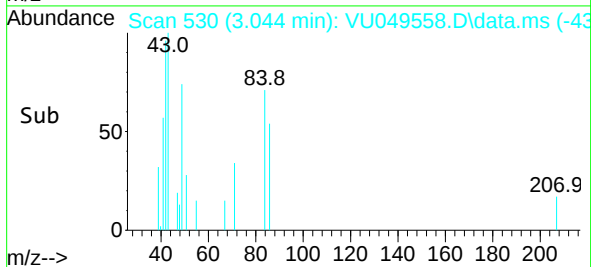
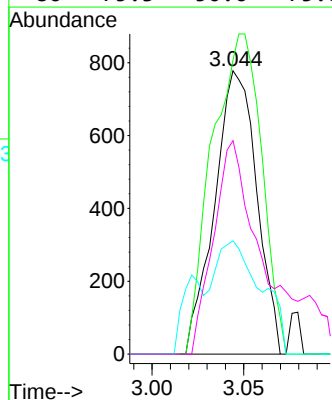
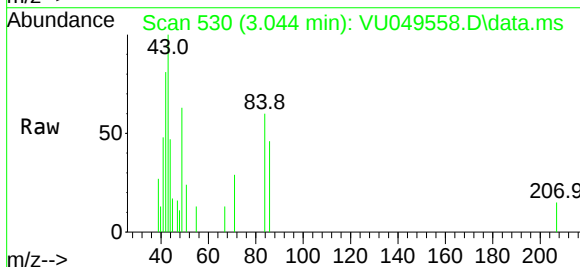
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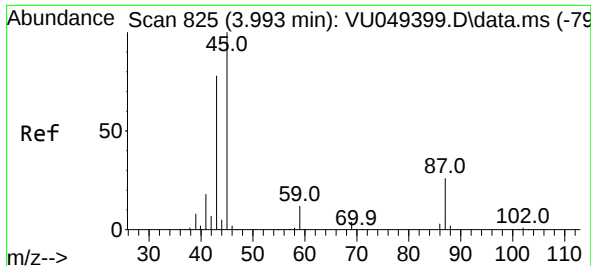
Tgt Ion: 73 Resp: 35749
Ion Ratio Lower Upper
73 100
57 36.1 17.1 25.7#



#20
Methylene Chloride
Concen: Below Cal
RT: 3.044 min Scan# 530
Delta R.T. 0.006 min
Lab File: VU049558.D
Acq: 30 Jun 2022 12:59

Tgt Ion: 84 Resp: 1245
Ion Ratio Lower Upper
84 100
49 103.9 86.6 129.8
51 24.6 26.6 40.0#
86 75.3 50.6 75.8





#22

Diisopropyl ether

Concen: 0.474 ug/l

RT: 3.989 min Scan# 81

Delta R.T. -0.003 min

Lab File: VU049558.D

Acq: 30 Jun 2022 12:59

Instrument :

MSVOA_U

ClientSampleId :

31052-WATERDL

Tgt Ion: 45 Resp: 5124

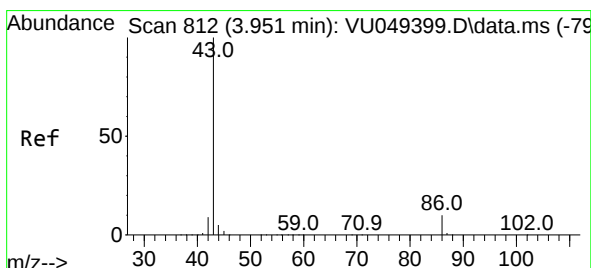
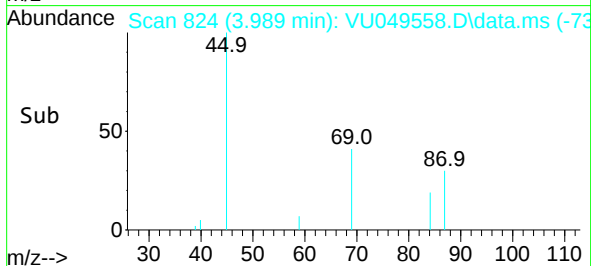
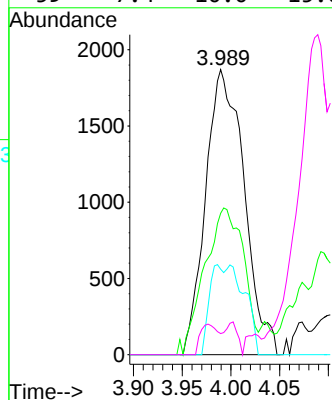
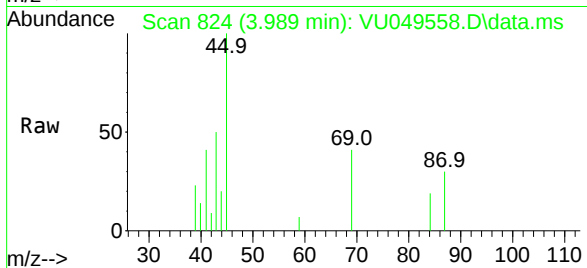
Ion Ratio Lower Upper

45 100

43 44.3 92.9 139.3#

87 29.9 26.2 39.2

59 7.4 10.0 15.0#



#23

Vinyl Acetate

Concen: 0.285 ug/l

RT: 3.993 min Scan# 825

Delta R.T. 0.042 min

Lab File: VU049558.D

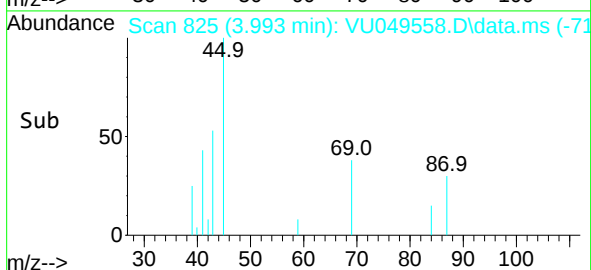
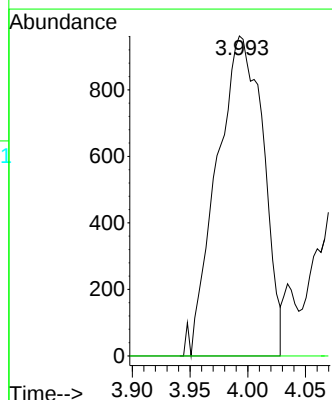
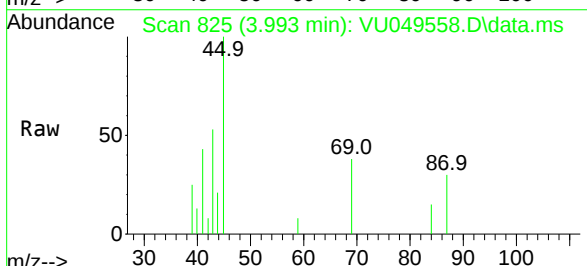
Acq: 30 Jun 2022 12:59

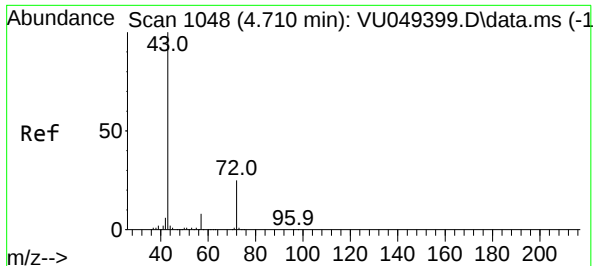
Tgt Ion: 43 Resp: 2702

Ion Ratio Lower Upper

43 100

86 0.0 9.8 14.8#





#25

2-Butanone

Concen: 2.865 ug/l

RT: 4.723 min Scan# 1105

Delta R.T. 0.013 min

Lab File: VU049558.D

Acq: 30 Jun 2022 12:59

Instrument :

MSVOA_U

ClientSampleId :

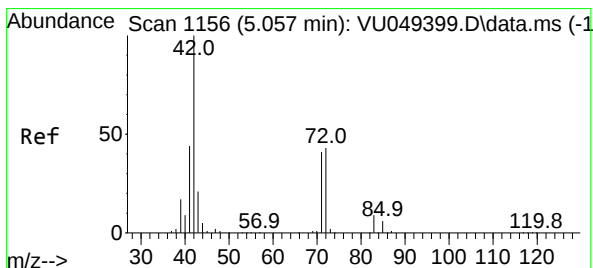
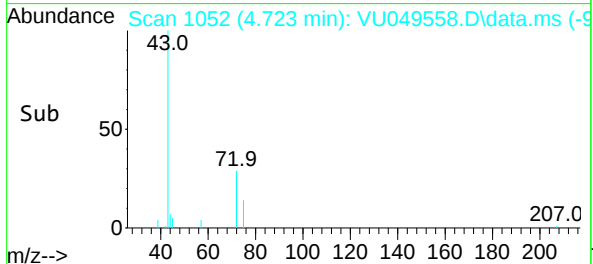
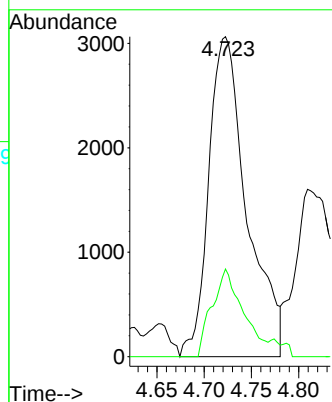
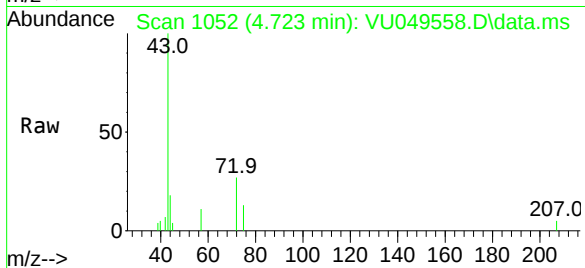
31052-WATERDL

Tgt Ion: 43 Resp: 8595

Ion Ratio Lower Upper

43 100

72 27.4 23.8 35.6



#29

Tetrahydrofuran

Concen: 0.588 ug/l

RT: 5.076 min Scan# 1162

Delta R.T. 0.019 min

Lab File: VU049558.D

Acq: 30 Jun 2022 12:59

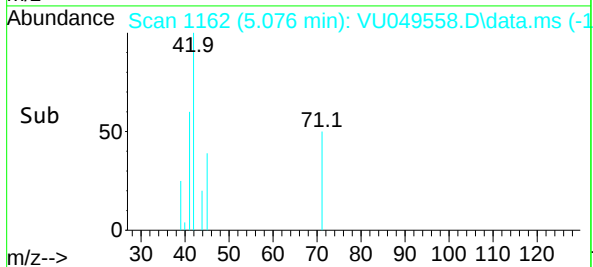
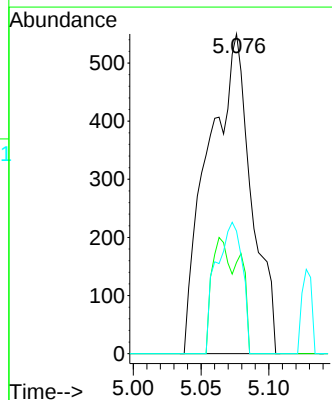
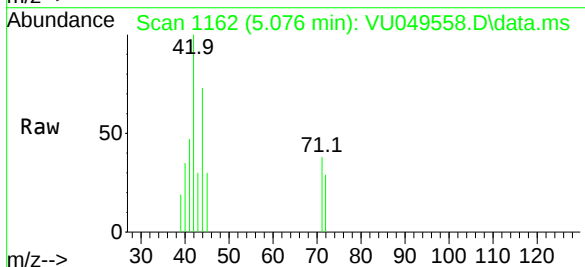
Tgt Ion: 42 Resp: 1211

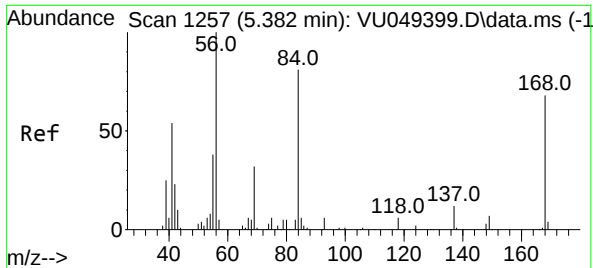
Ion Ratio Lower Upper

42 100

72 15.7 42.6 63.8#

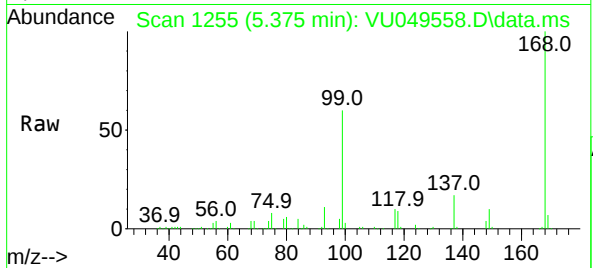
71 24.9 40.3 60.5#



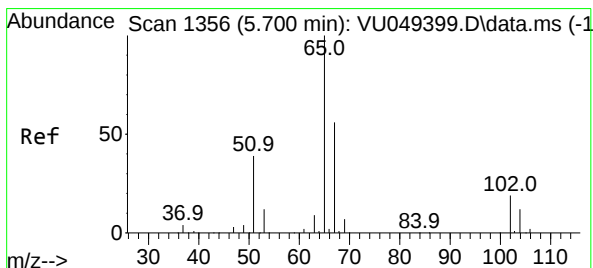
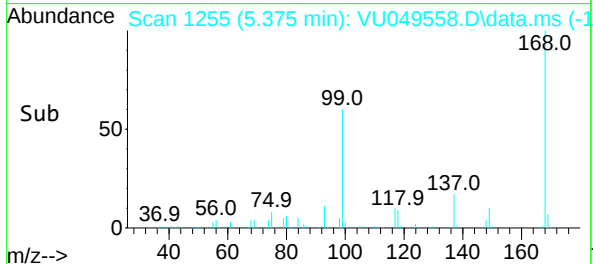
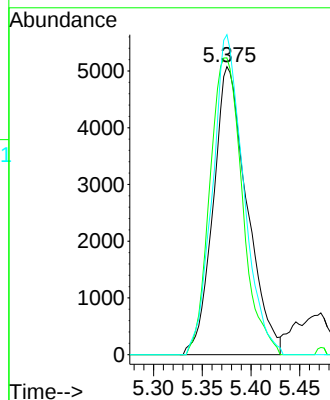


#31
Cyclohexane
Concen: 2.054 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.006 min
Lab File: VU049558.D
Acq: 30 Jun 2022 12:59

Instrument :
MSVOA_U
ClientSampleId :
31052-WATERDL

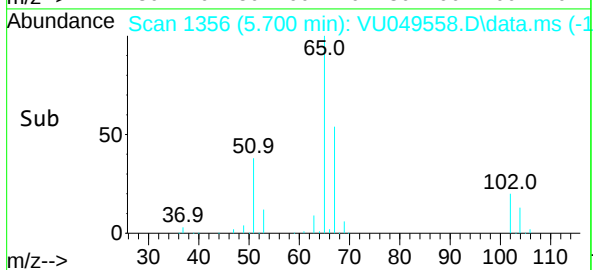
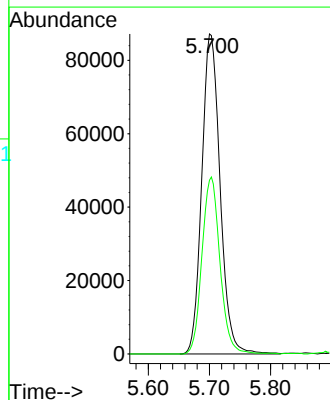
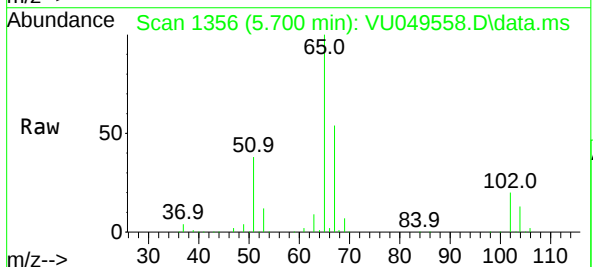


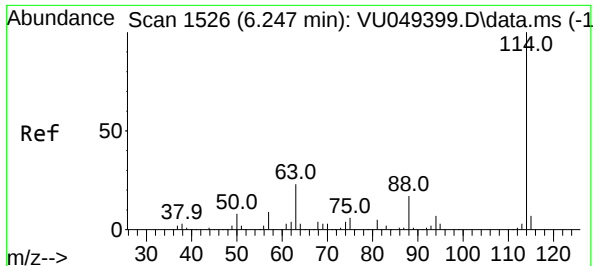
Tgt Ion: 56 Resp: 12245
Ion Ratio Lower Upper
56 100
69 103.1 27.8 41.8#
84 111.1 74.2 111.4



#33
1,2-Dichloroethane-d4
Concen: 45.759 ug/l
RT: 5.700 min Scan# 1356
Delta R.T. 0.000 min
Lab File: VU049558.D
Acq: 30 Jun 2022 12:59

Tgt Ion: 65 Resp: 181655
Ion Ratio Lower Upper
65 100
67 54.3 0.0 108.0

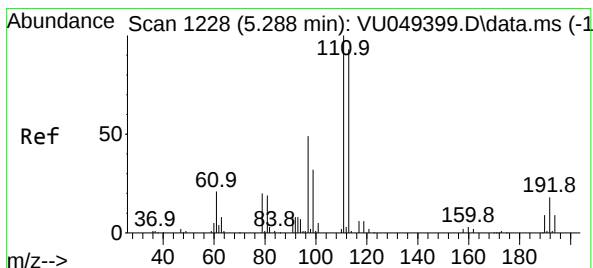
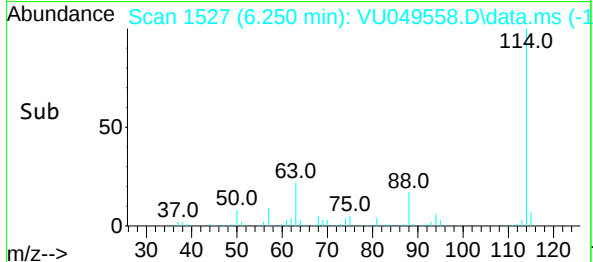
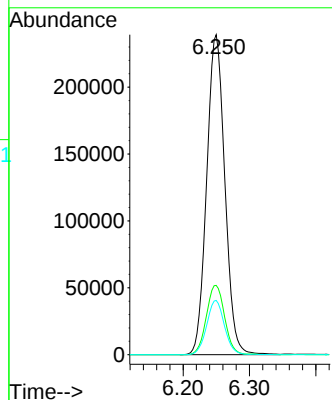
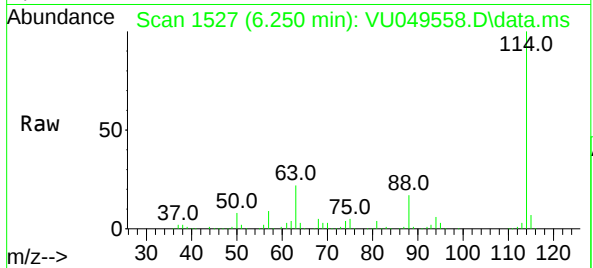




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.250 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049558.D
Acq: 30 Jun 2022 12:59

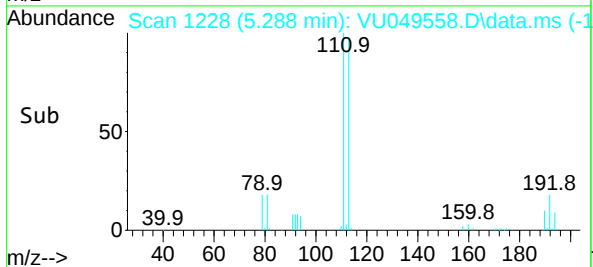
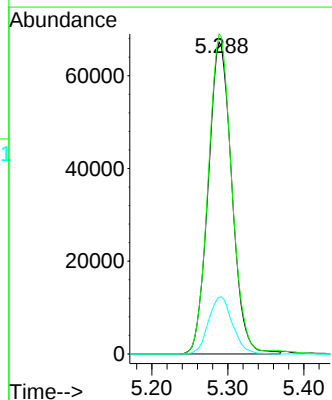
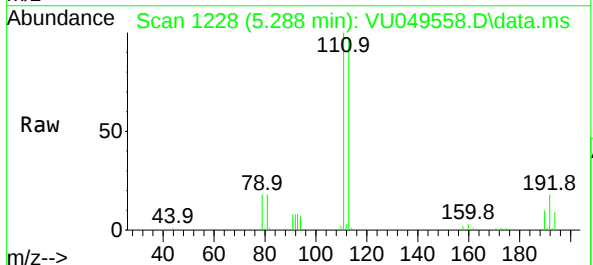
Instrument :
MSVOA_U
ClientSampleId :
31052-WATERDL

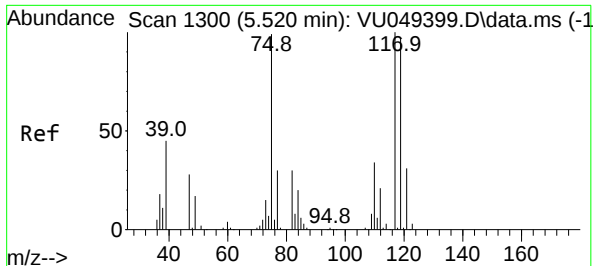
Tgt Ion:114 Resp: 455200
Ion Ratio Lower Upper
114 100
63 21.7 0.0 37.8
88 17.0 0.0 29.2



#35
Dibromofluoromethane
Concen: 45.460 ug/l
RT: 5.288 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VU049558.D
Acq: 30 Jun 2022 12:59

Tgt Ion:113 Resp: 144777
Ion Ratio Lower Upper
113 100
111 101.9 82.1 123.1
192 18.6 18.0 27.0

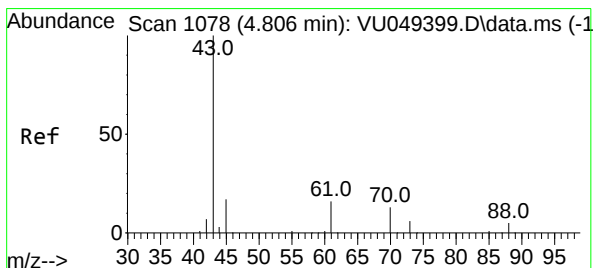
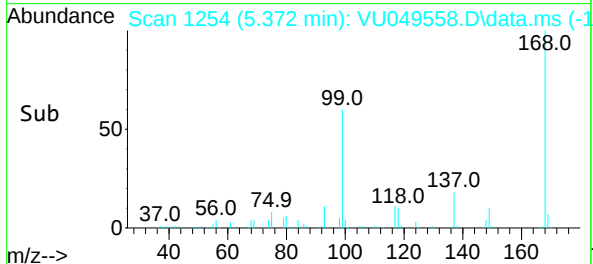
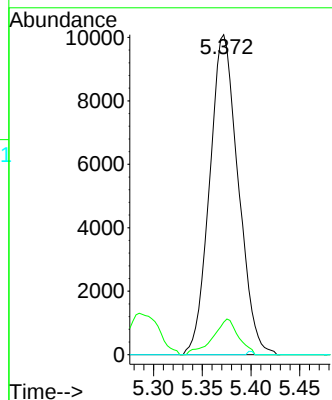
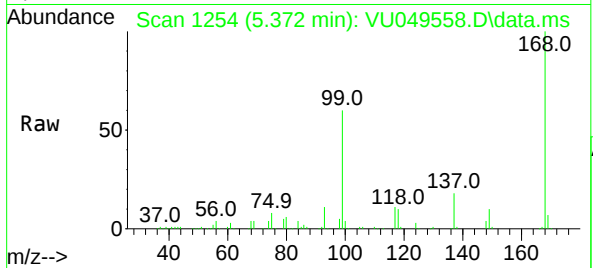




#36
1,1-Dichloropropene
Concen: 4.460 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.148 min
Lab File: VU049558.D
Acq: 30 Jun 2022 12:59

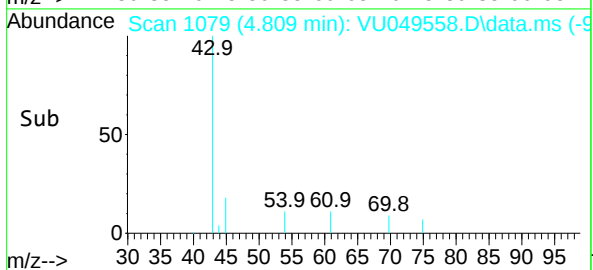
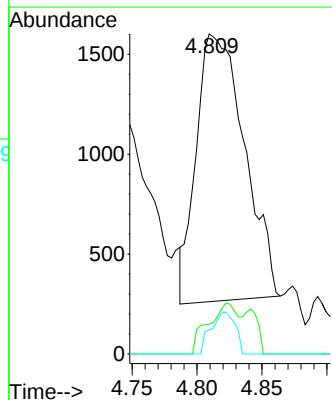
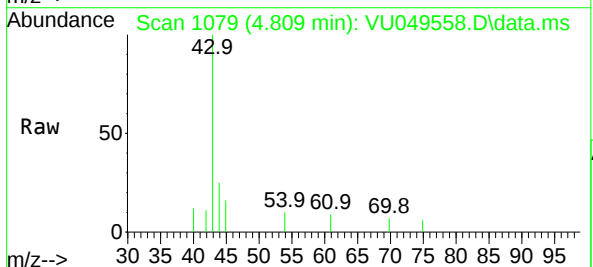
Instrument :
MSVOA_U
ClientSampleId :
31052-WATERDL

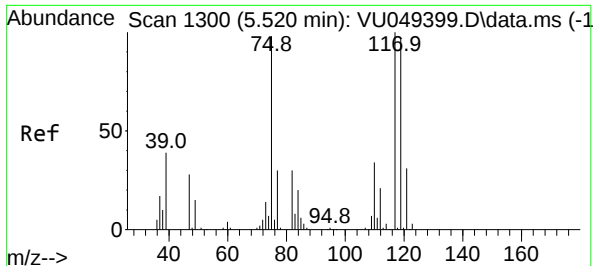
Tgt Ion: 75 Resp: 20595
Ion Ratio Lower Upper
75 100
110 9.9 18.4 55.2#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 0.546 ug/l
RT: 4.809 min Scan# 1079
Delta R.T. 0.003 min
Lab File: VU049558.D
Acq: 30 Jun 2022 12:59

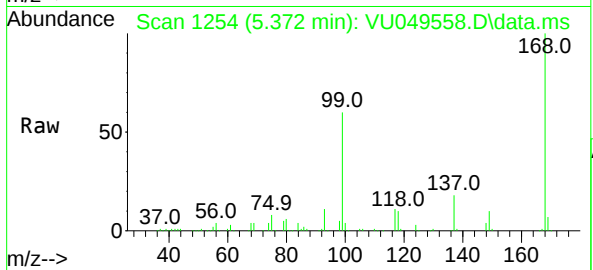
Tgt Ion: 43 Resp: 3445
Ion Ratio Lower Upper
43 100
61 12.5 9.5 14.3
70 7.8 7.5 11.3



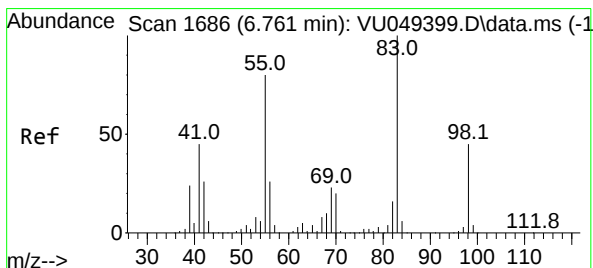
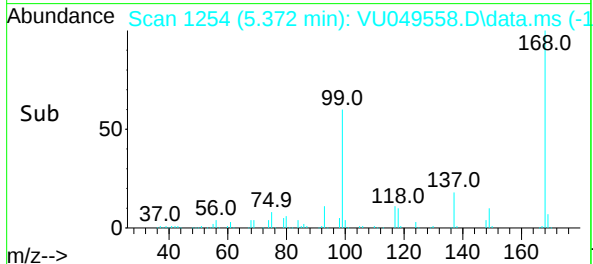
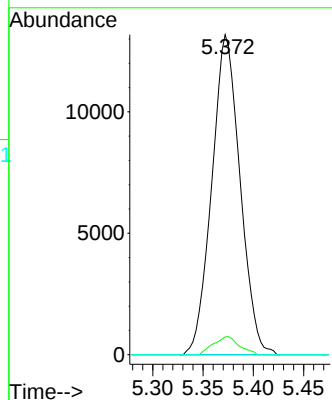


#38
Carbon Tetrachloride
Concen: 5.318 ug/l
RT: 5.372 min Scan# 117
Delta R.T. -0.148 min
Lab File: VU049558.D
Acq: 30 Jun 2022 12:59

Instrument :
MSVOA_U
ClientSampleId :
31052-WATERDL

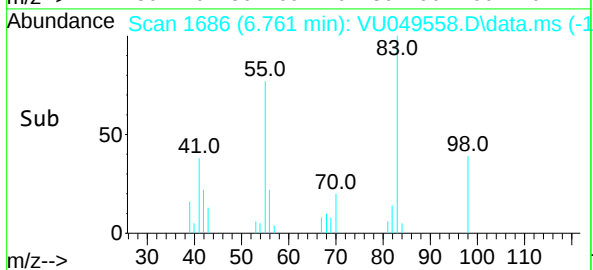
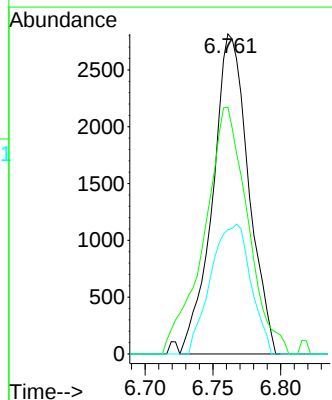
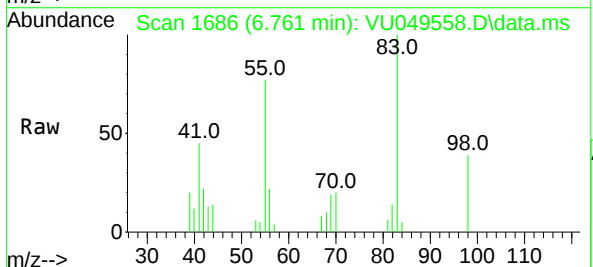


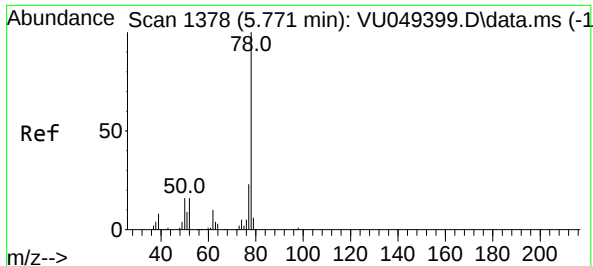
Tgt Ion:117 Resp: 25754
Ion Ratio Lower Upper
117 100
119 5.6 76.8 115.2#
121 0.0 24.7 37.1#



#39
Methylcyclohexane
Concen: 0.935 ug/l
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU049558.D
Acq: 30 Jun 2022 12:59

Tgt Ion: 83 Resp: 5175
Ion Ratio Lower Upper
83 100
55 71.1 55.3 82.9
98 38.8 37.3 55.9

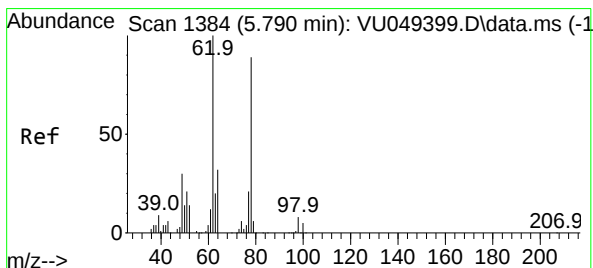
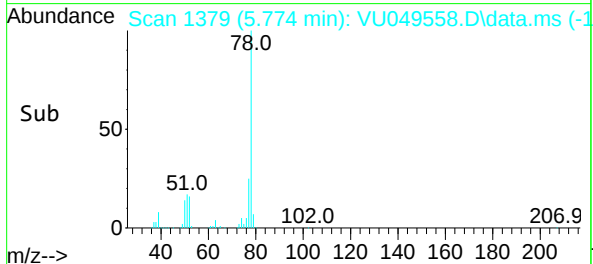
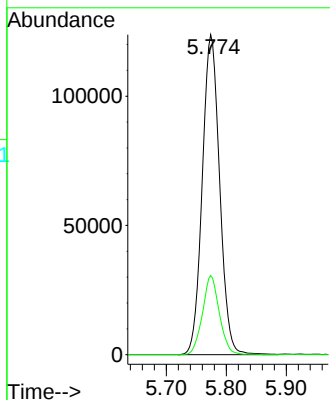
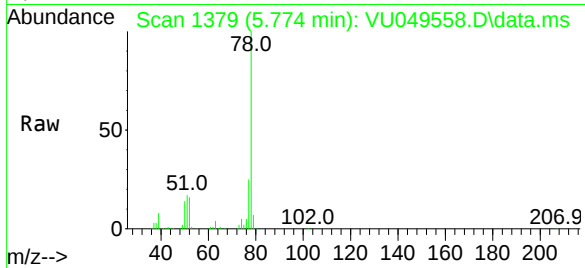




#40
Benzene
Concen: 17.898 ug/l
RT: 5.774 min Scan# 1379
Delta R.T. 0.003 min
Lab File: VU049558.D
Acq: 30 Jun 2022 12:59

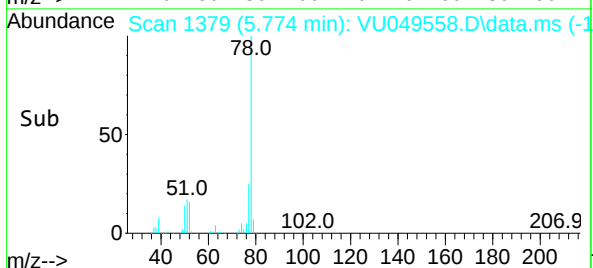
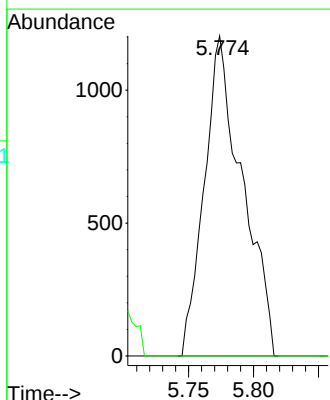
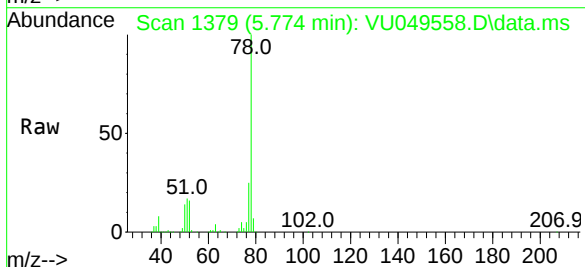
Instrument :
MSVOA_U
ClientSampleId :
31052-WATERDL

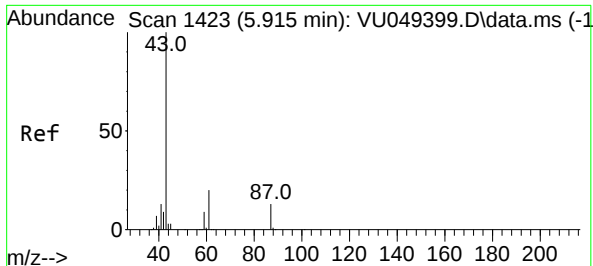
Tgt Ion: 78 Resp: 249531
Ion Ratio Lower Upper
78 100
77 24.8 18.8 28.2



#42
1,2-Dichloroethane
Concen: 0.471 ug/l
RT: 5.774 min Scan# 1379
Delta R.T. -0.016 min
Lab File: VU049558.D
Acq: 30 Jun 2022 12:59

Tgt Ion: 62 Resp: 2444
Ion Ratio Lower Upper
62 100
98 0.0 0.0 18.6





#43

Isopropyl Acetate

Concen: 0.221 ug/l

RT: 5.896 min Scan# 1417

Delta R.T. -0.019 min

Lab File: VU049558.D

Acq: 30 Jun 2022 12:59

Instrument :

MSVOA_U

ClientSampleId :

31052-WATERDL

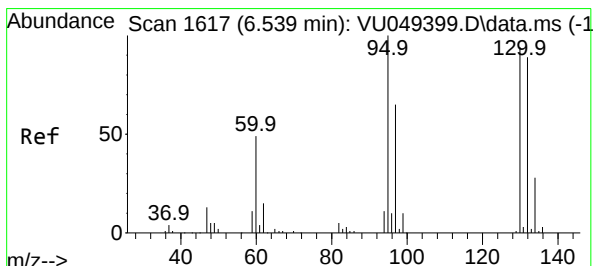
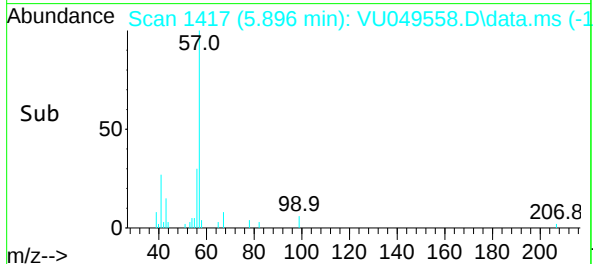
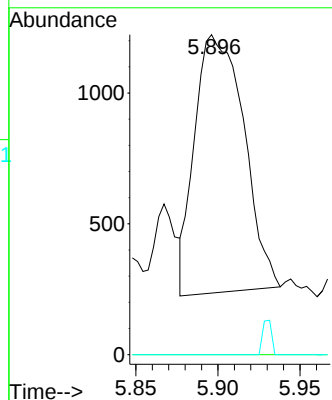
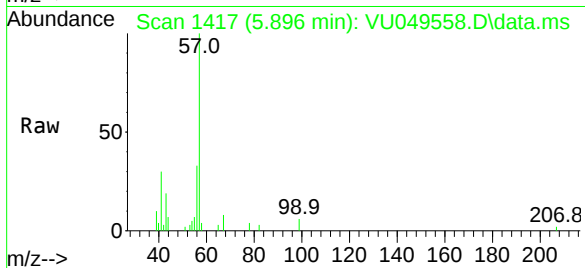
Tgt Ion: 43 Resp: 2043

Ion Ratio Lower Upper

43 100

61 0.0 17.4 26.0#

87 0.0 12.6 18.8#



#44

Trichloroethene

Concen: 0.243 ug/l

RT: 6.542 min Scan# 1618

Delta R.T. 0.003 min

Lab File: VU049558.D

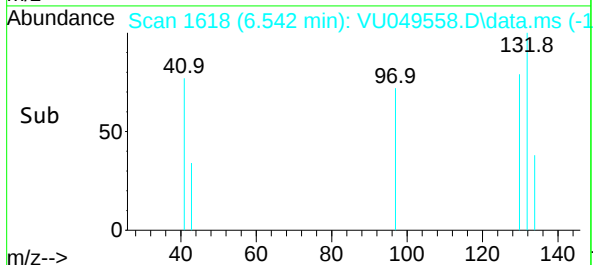
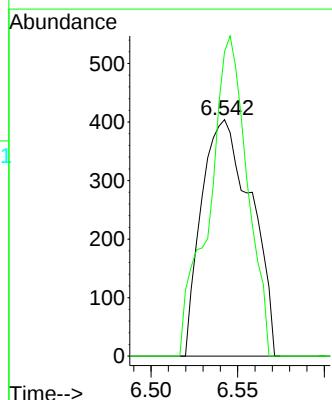
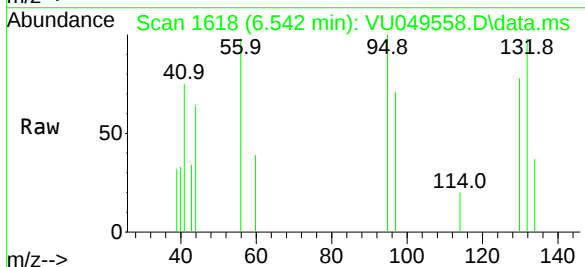
Acq: 30 Jun 2022 12:59

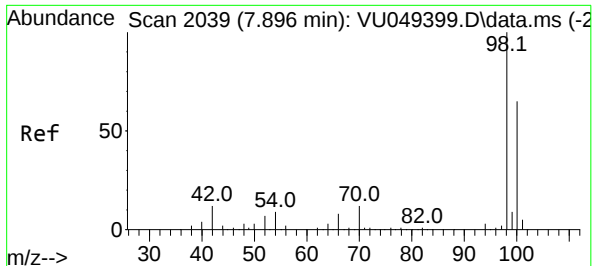
Tgt Ion: 130 Resp: 806

Ion Ratio Lower Upper

130 100

95 128.7 0.0 184.6

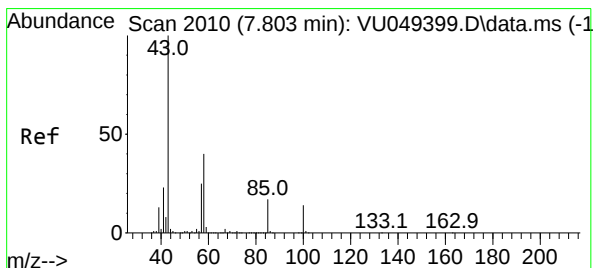
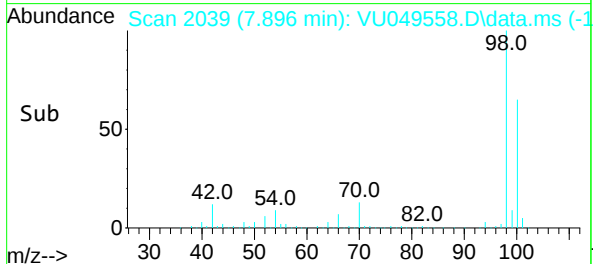
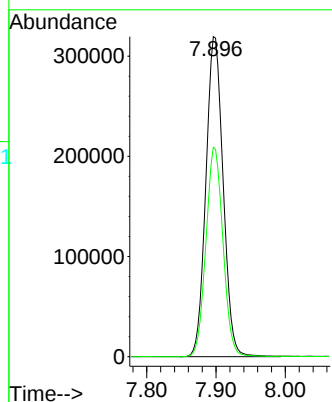
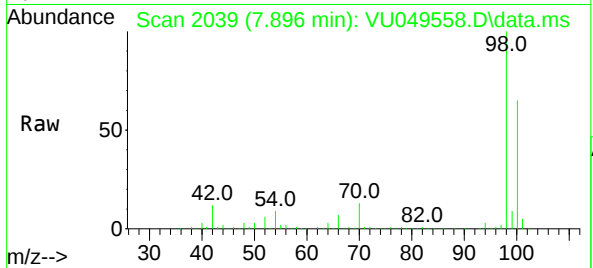




#50
Toluene-d8
Concen: 48.556 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VU049558.D
Acq: 30 Jun 2022 12:59

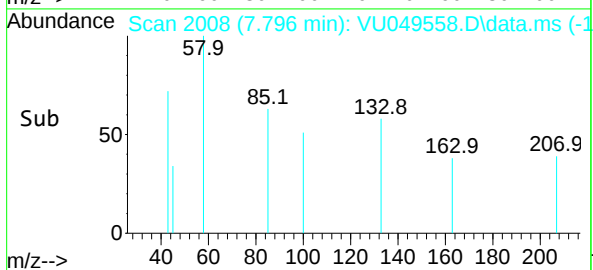
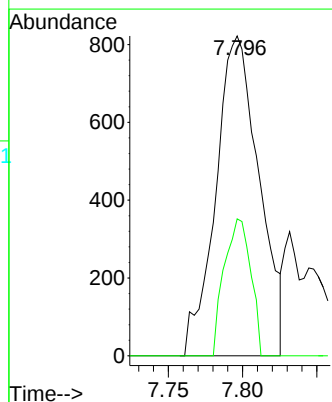
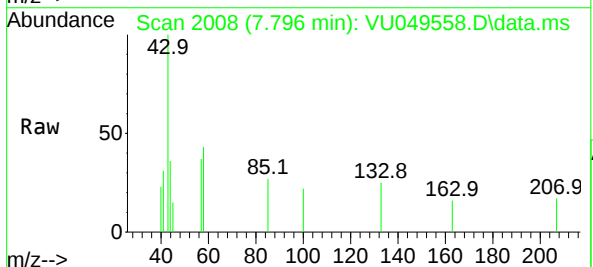
Instrument :
MSVOA_U
ClientSampleId :
31052-WATERDL

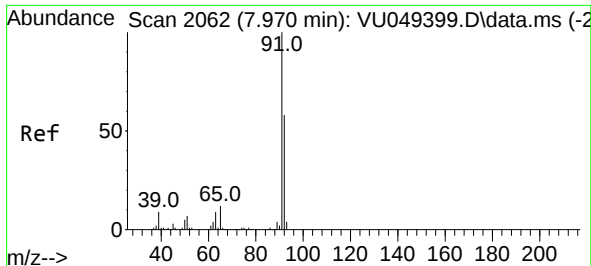
Tgt Ion: 98 Resp: 551545
Ion Ratio Lower Upper
98 100
100 64.7 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 0.270 ug/l
RT: 7.796 min Scan# 2008
Delta R.T. -0.006 min
Lab File: VU049558.D
Acq: 30 Jun 2022 12:59

Tgt Ion: 43 Resp: 1673
Ion Ratio Lower Upper
43 100
58 26.0 34.7 52.1#

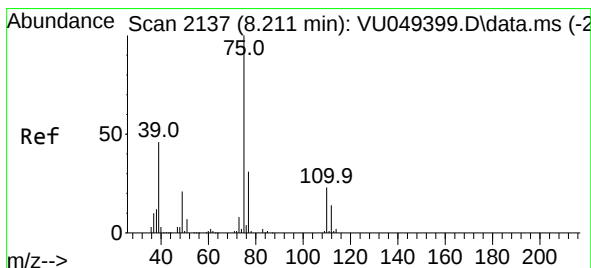
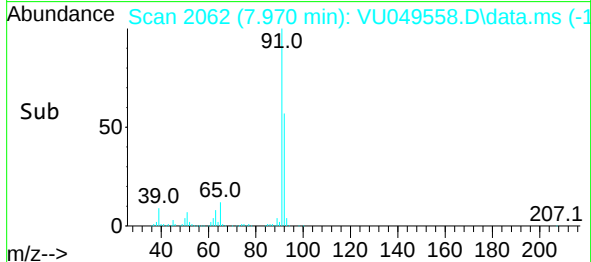
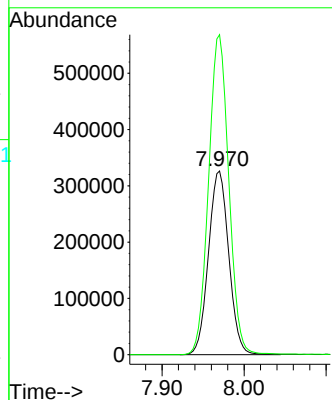
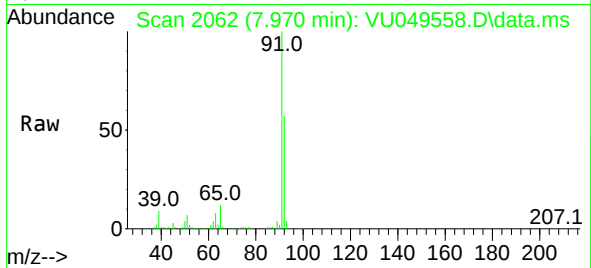




#52
Toluene
Concen: 67.659 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU049558.D
Acq: 30 Jun 2022 12:59

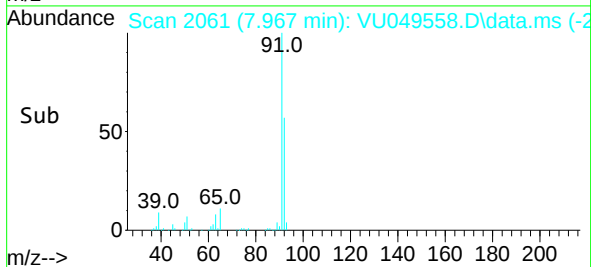
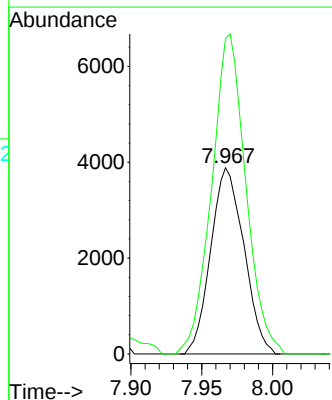
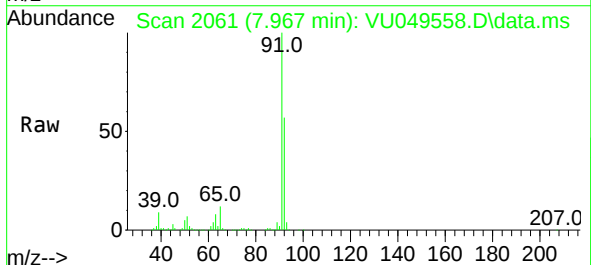
Instrument :
MSVOA_U
ClientSampleId :
31052-WATERDL

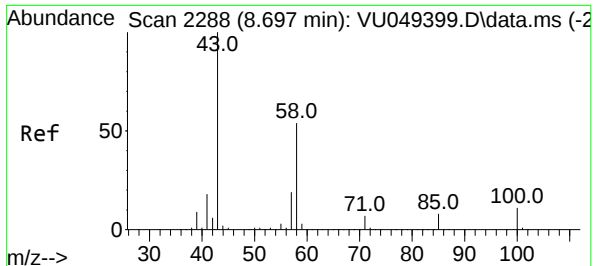
Tgt Ion: 92 Resp: 560653
Ion Ratio Lower Upper
92 100
91 173.2 138.2 207.4



#53
t-1,3-Dichloropropene
Concen: 1.192 ug/l
RT: 7.967 min Scan# 2061
Delta R.T. -0.244 min
Lab File: VU049558.D
Acq: 30 Jun 2022 12:59

Tgt Ion: 75 Resp: 6336
Ion Ratio Lower Upper
75 100
77 166.7 25.4 38.0#





#59

2-Hexanone

Concen: 0.383 ug/l

RT: 8.693 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU049558.D

Acq: 30 Jun 2022 12:59

Instrument :

MSVOA_U

ClientSampleId :

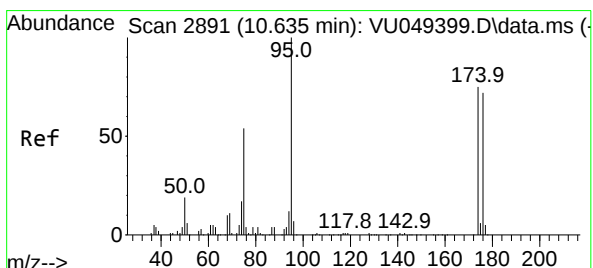
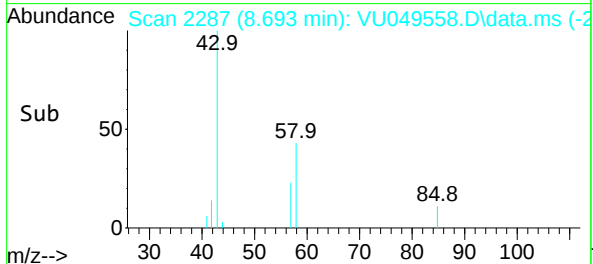
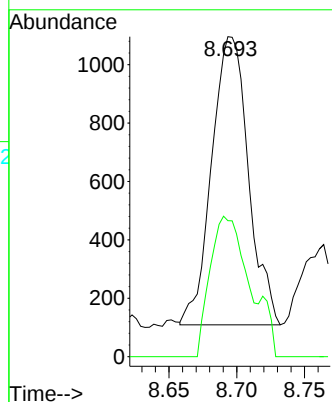
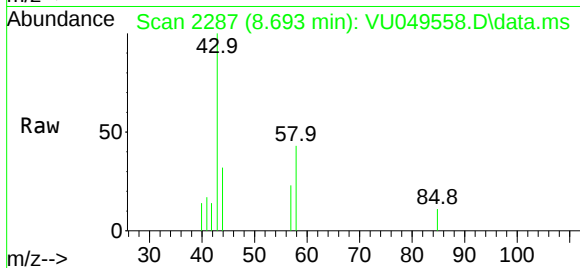
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Tgt Ion: 43 Resp: 1866

Ion Ratio Lower Upper

43 100

58 52.6 30.3 90.8



#62

4-Bromofluorobenzene

Concen: 45.810 ug/l

RT: 10.632 min Scan# 2890

Delta R.T. -0.003 min

Lab File: VU049558.D

Acq: 30 Jun 2022 12:59

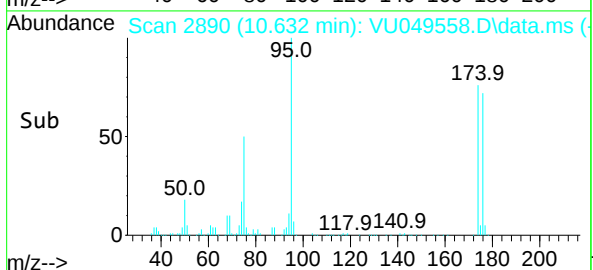
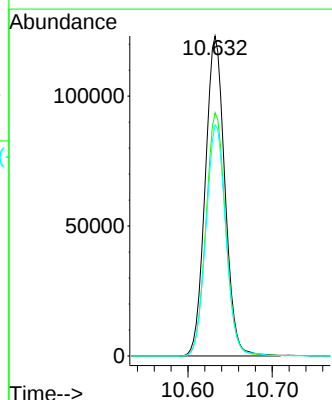
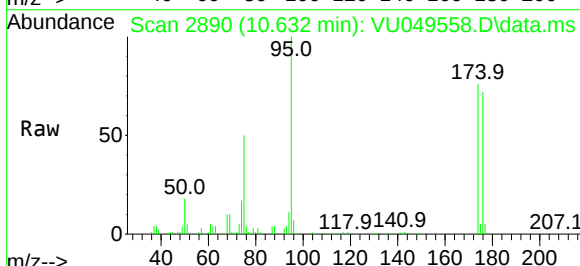
Tgt Ion: 95 Resp: 199331

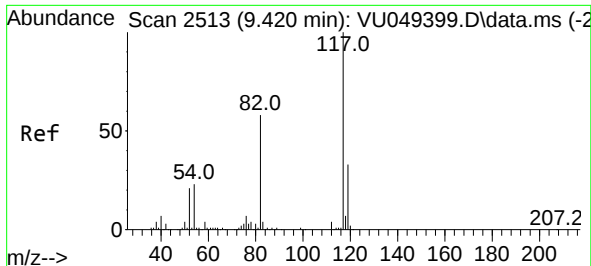
Ion Ratio Lower Upper

95 100

174 76.4 0.0 182.0

176 73.3 0.0 177.8

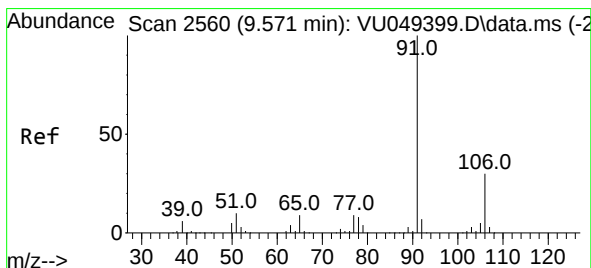
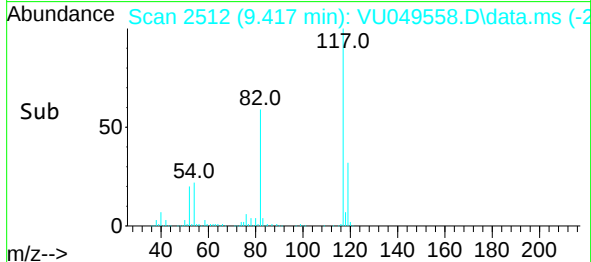
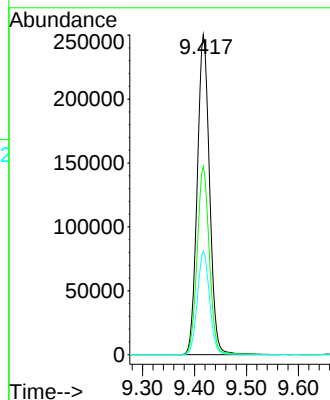
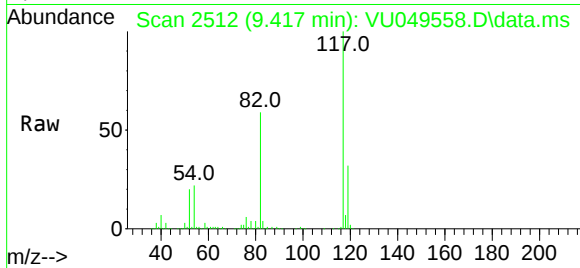




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.003 min
Lab File: VU049558.D
Acq: 30 Jun 2022 12:59

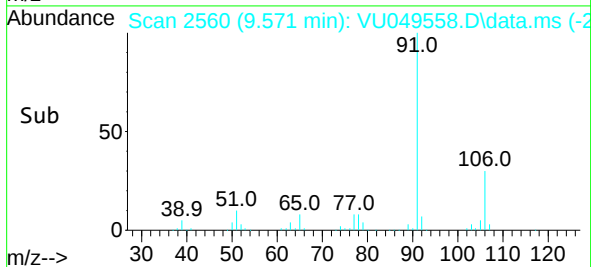
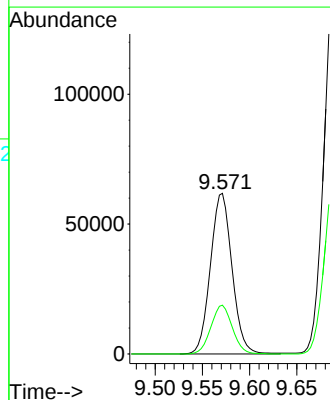
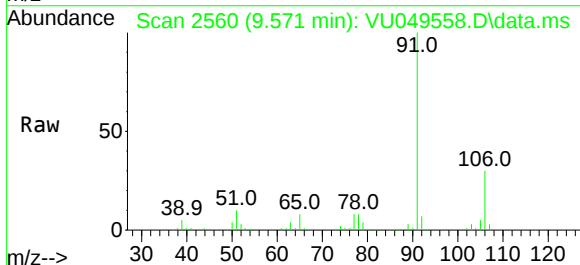
Instrument :
MSVOA_U
ClientSampleId :
31052-WATERDL

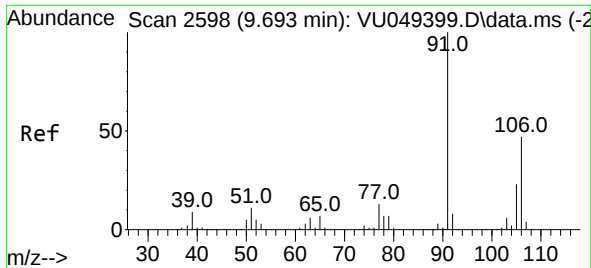
Tgt Ion:117 Resp: 412085
Ion Ratio Lower Upper
117 100
82 58.8 41.7 62.5
119 32.4 25.7 38.5



#67
Ethyl Benzene
Concen: 6.359 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU049558.D
Acq: 30 Jun 2022 12:59

Tgt Ion: 91 Resp: 98345
Ion Ratio Lower Upper
91 100
106 30.4 25.6 38.4

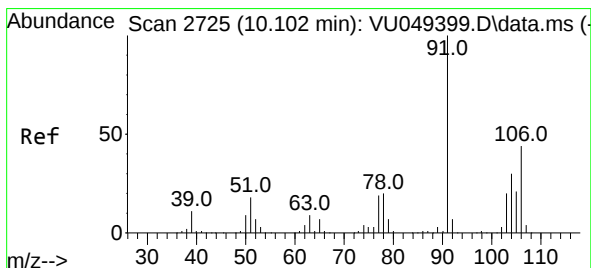
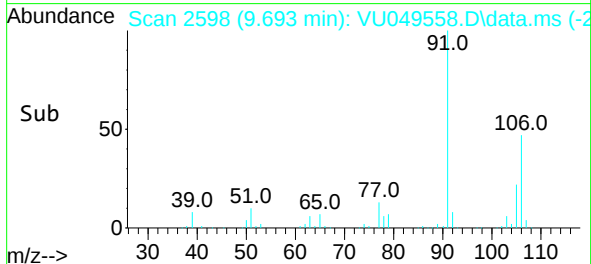
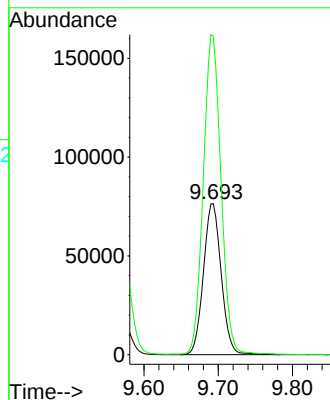
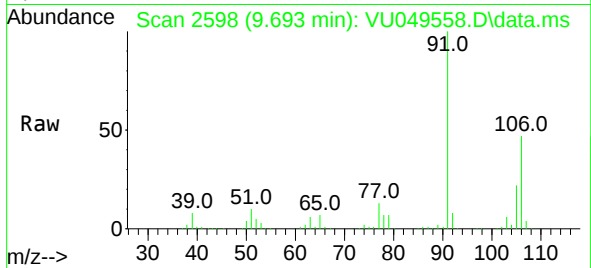




#68
m/p-Xylenes
Concen: 22.179 ug/l
RT: 9.693 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049558.D
Acq: 30 Jun 2022 12:59

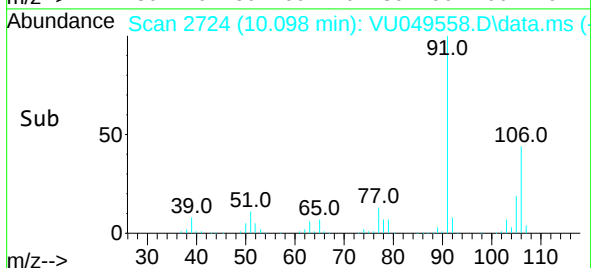
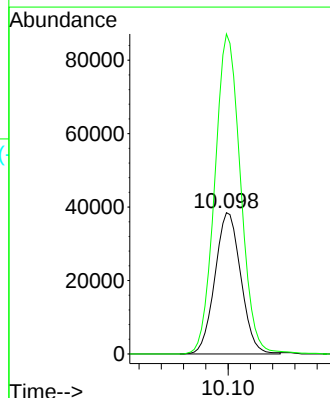
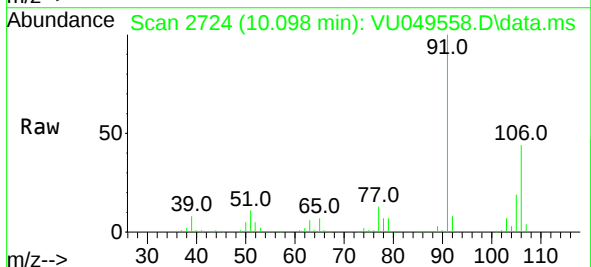
Instrument :
MSVOA_U
ClientSampleId :
31052-WATERDL

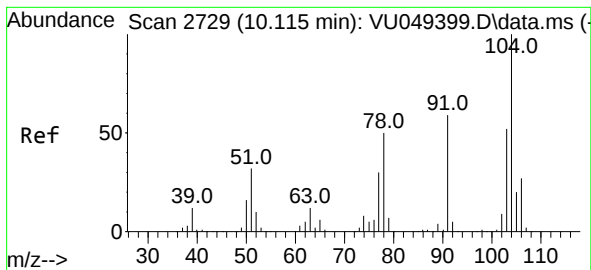
Tgt Ion:106 Resp: 126918
Ion Ratio Lower Upper
106 100
91 209.6 157.2 235.8



#69
o-Xylene
Concen: 10.939 ug/l
RT: 10.098 min Scan# 2724
Delta R.T. -0.003 min
Lab File: VU049558.D
Acq: 30 Jun 2022 12:59

Tgt Ion:106 Resp: 62145
Ion Ratio Lower Upper
106 100
91 225.3 103.5 310.5





#70

Styrene

Concen: 0.421 ug/l

RT: 10.102 min Scan# 21

Delta R.T. -0.013 min

Lab File: VU049558.D

Acq: 30 Jun 2022 12:59

Instrument :

MSVOA_U

ClientSampleId :

31052-WATERDL

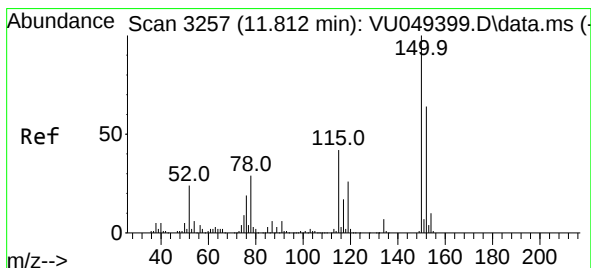
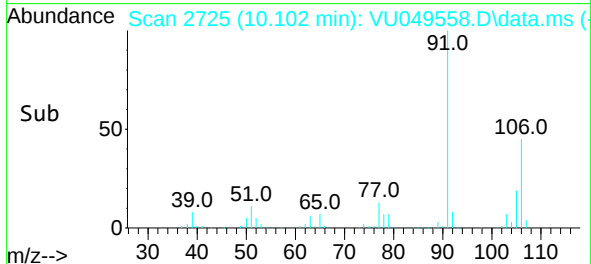
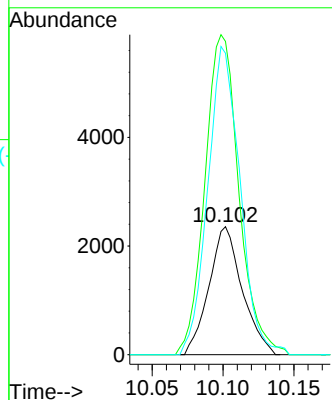
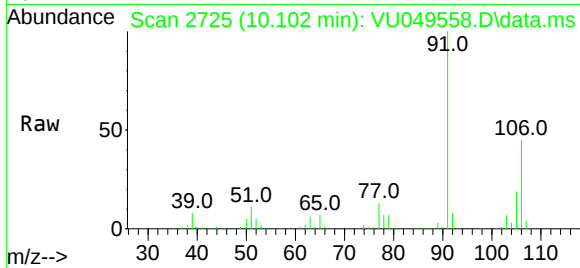
Tgt Ion:104 Resp: 3845

Ion Ratio Lower Upper

104 100

78 255.5 38.0 57.0#

103 234.0 43.9 65.9#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.812 min Scan# 3257

Delta R.T. 0.000 min

Lab File: VU049558.D

Acq: 30 Jun 2022 12:59

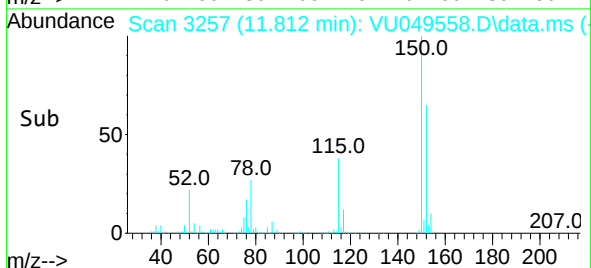
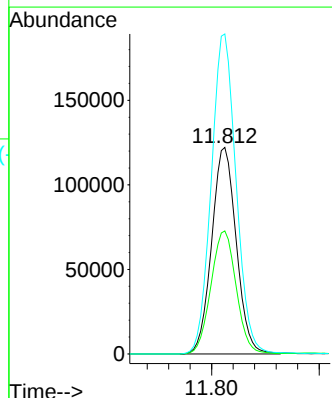
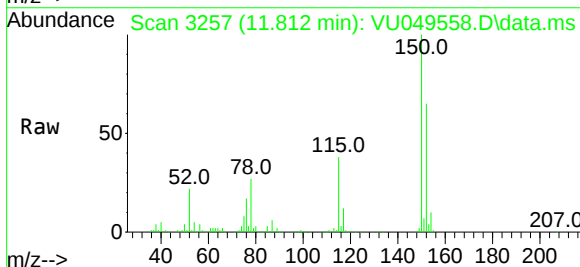
Tgt Ion:152 Resp: 193970

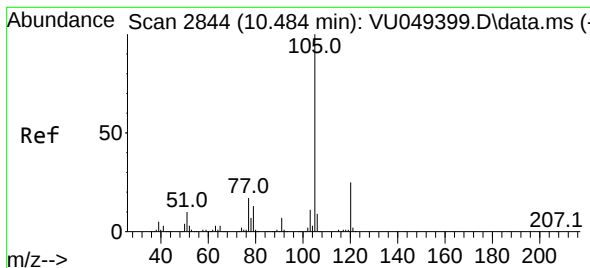
Ion Ratio Lower Upper

152 100

115 61.3 37.0 110.9

150 156.7 0.0 342.2





#73

Isopropylbenzene

Concen: 0.285 ug/l

RT: 10.488 min Scan# 2844

Delta R.T. 0.003 min

Lab File: VU049558.D

Acq: 30 Jun 2022 12:59

Instrument :

MSVOA_U

ClientSampleId :

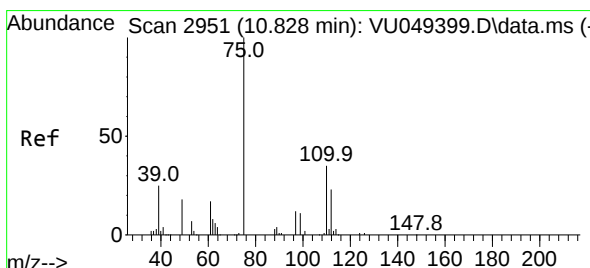
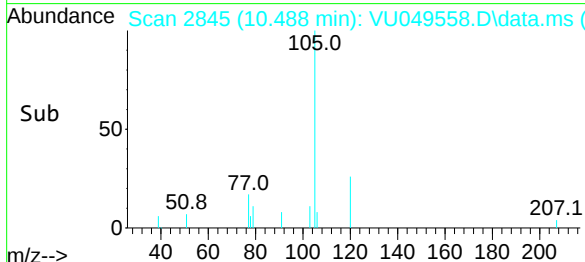
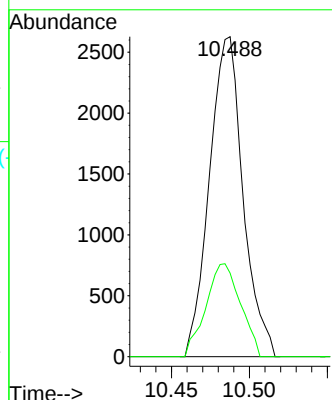
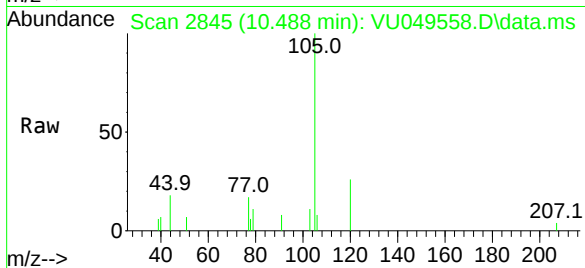
31052-WATERDL

Tgt Ion:105 Resp: 3940

Ion Ratio Lower Upper

105 100

120 29.9 13.8 41.4



#76

1,2,3-Trichloropropane

Concen: 15.386 ug/l

RT: 10.632 min Scan# 2890

Delta R.T. -0.196 min

Lab File: VU049558.D

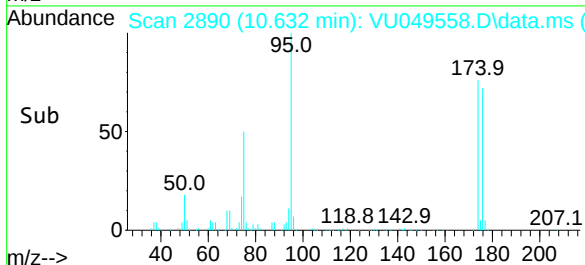
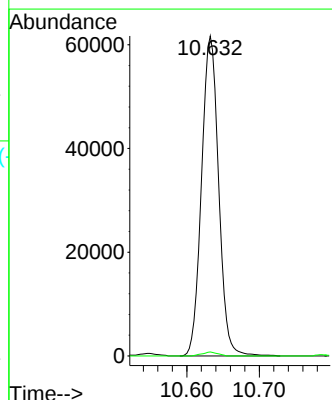
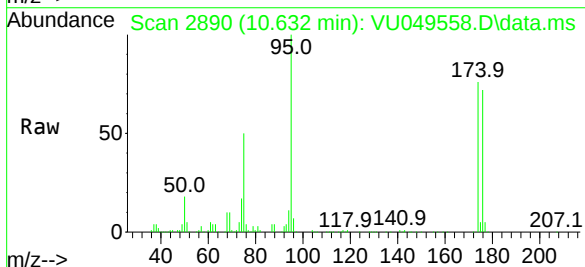
Acq: 30 Jun 2022 12:59

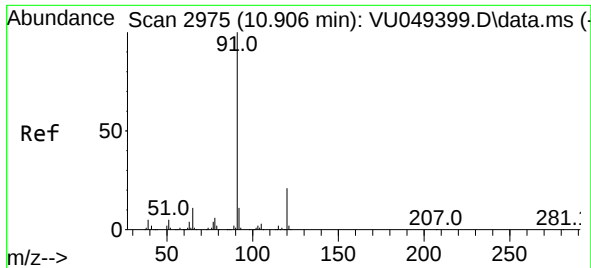
Tgt Ion: 75 Resp: 101171

Ion Ratio Lower Upper

75 100

77 1.1 15.8 47.3#

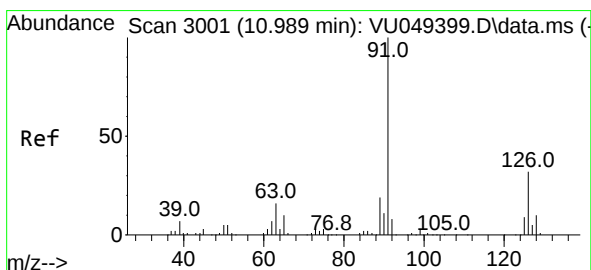
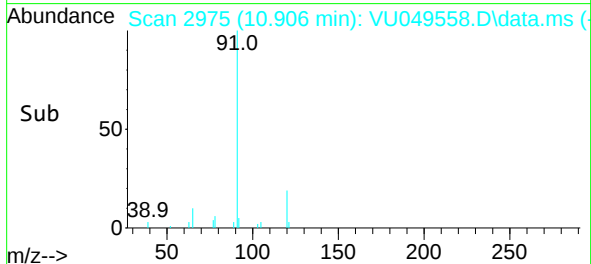
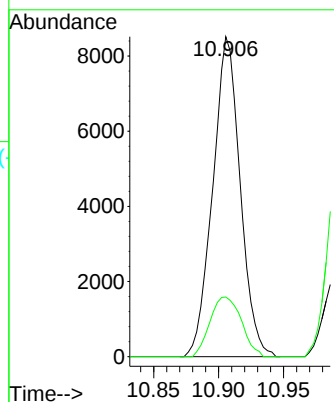
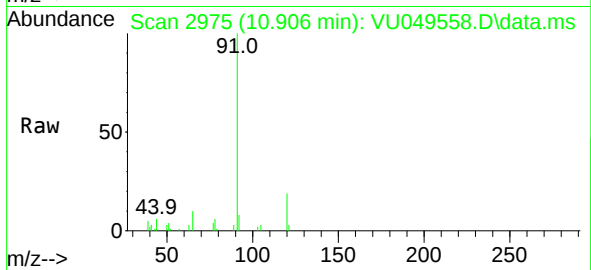




#78
n-propylbenzene
Concen: 0.744 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU049558.D
Acq: 30 Jun 2022 12:59

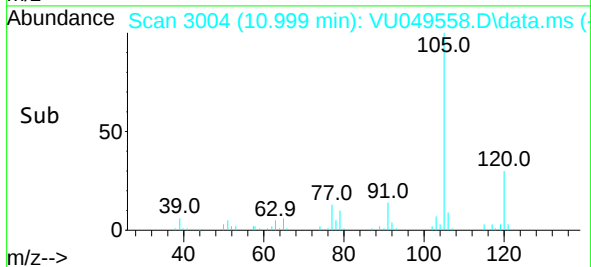
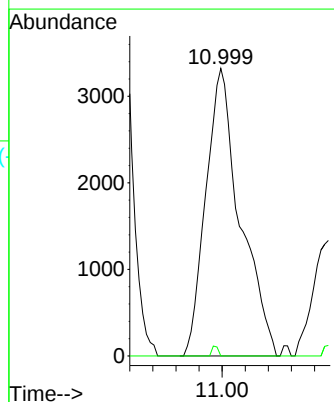
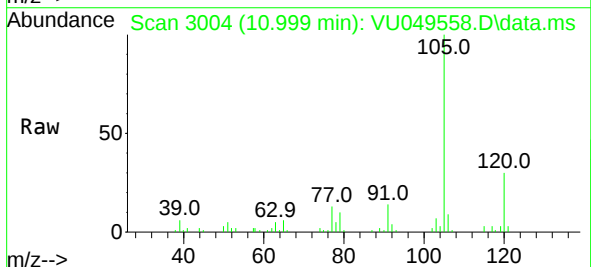
Instrument :
MSVOA_U
ClientSampleId :
31052-WATERDL

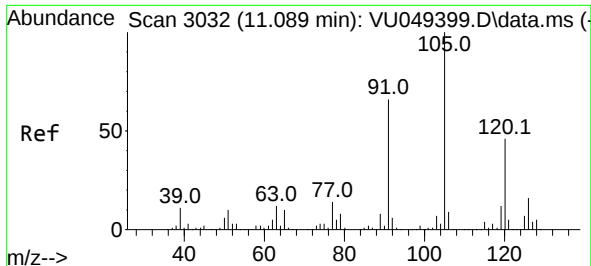
Tgt Ion: 91 Resp: 12496
Ion Ratio Lower Upper
91 100
120 21.3 11.9 35.5



#79
2-Chlorotoluene
Concen: 0.664 ug/l
RT: 10.999 min Scan# 3004
Delta R.T. 0.010 min
Lab File: VU049558.D
Acq: 30 Jun 2022 12:59

Tgt Ion: 91 Resp: 6866
Ion Ratio Lower Upper
91 100
126 0.6 18.4 55.0#

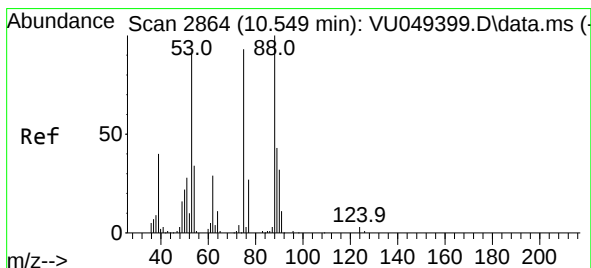
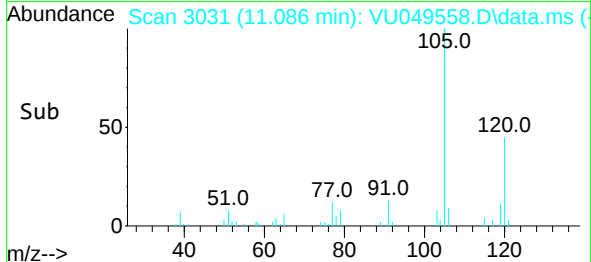
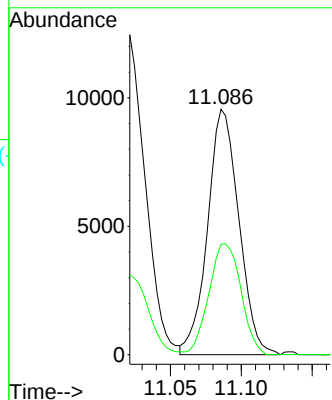
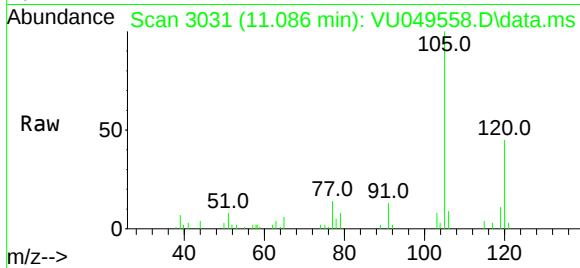




#80
 1,3,5-Trimethylbenzene
 Concen: 1.217 ug/l
 RT: 11.086 min Scan# 3032
 Delta R.T. -0.003 min
 Lab File: VU049558.D
 Acq: 30 Jun 2022 12:59

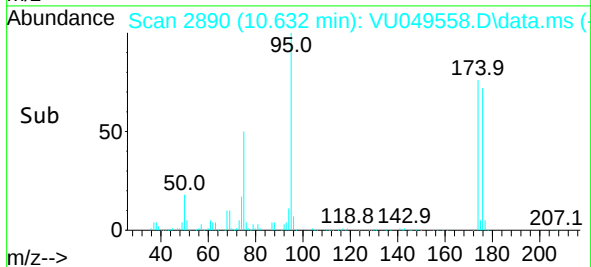
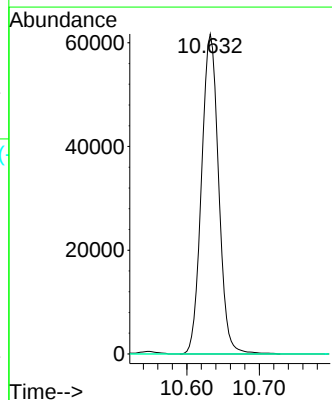
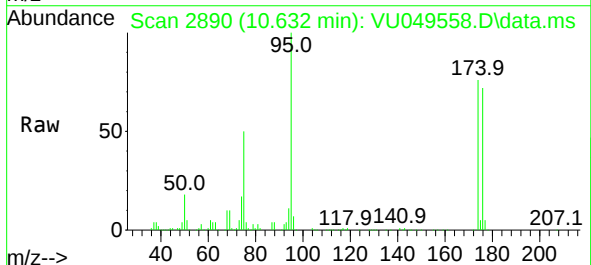
Instrument :
 MSVOA_U
 ClientSampleId :
 31052-WATERDL

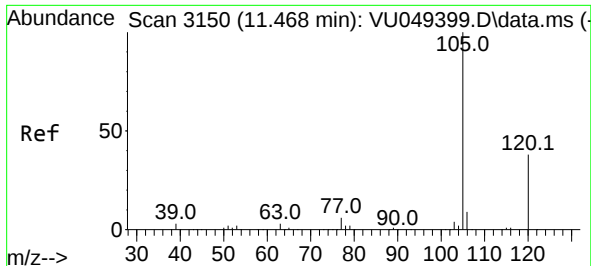
Tgt Ion:105 Resp: 14677
 Ion Ratio Lower Upper
 105 100
 120 46.2 25.3 75.9



#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.820 ug/l
 RT: 10.632 min Scan# 2890
 Delta R.T. 0.084 min
 Lab File: VU049558.D
 Acq: 30 Jun 2022 12:59

Tgt Ion: 75 Resp: 101171
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.2 103.8#
 89 0.0 37.0 55.6#

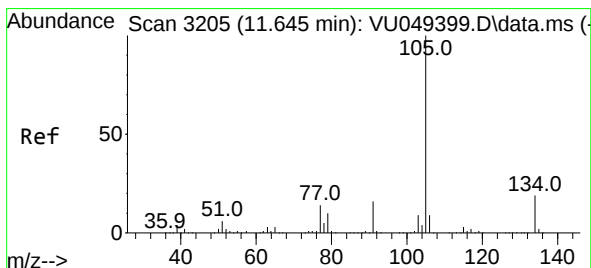
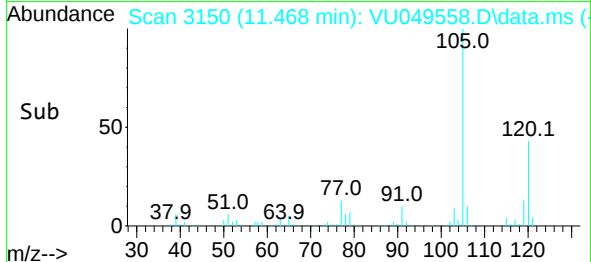
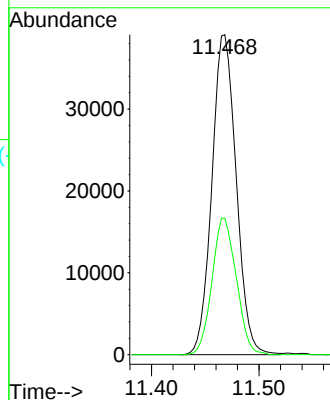
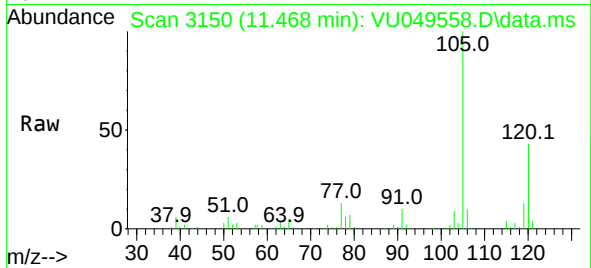




#84
1,2,4-Trimethylbenzene
Concen: 5.184 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU049558.D
Acq: 30 Jun 2022 12:59

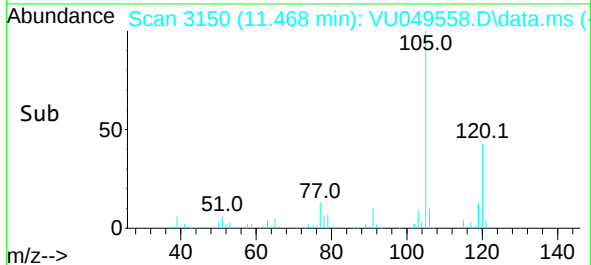
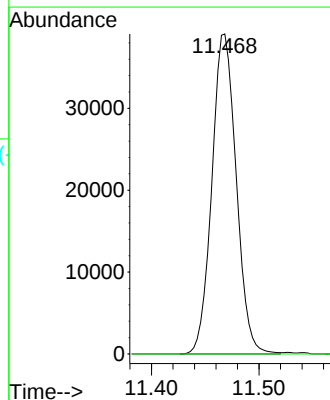
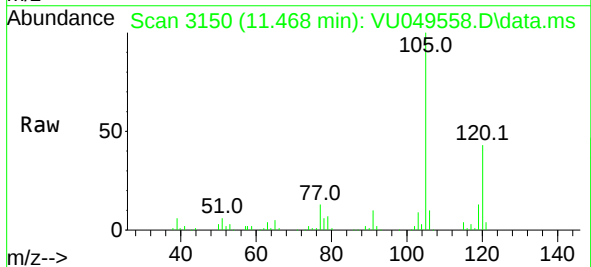
Instrument :
MSVOA_U
ClientSampleId :
31052-WATERDL

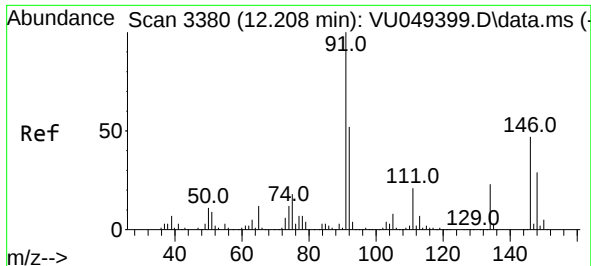
Tgt Ion:105 Resp: 61429
Ion Ratio Lower Upper
105 100
120 42.6 23.4 70.3



#85
sec-Butylbenzene
Concen: 4.118 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. -0.177 min
Lab File: VU049558.D
Acq: 30 Jun 2022 12:59

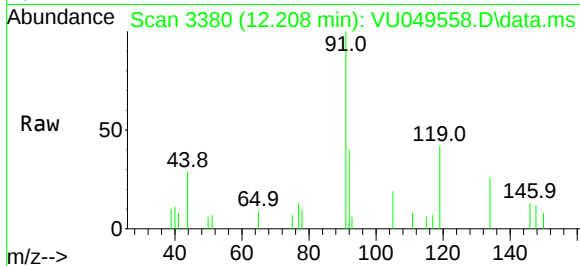
Tgt Ion:105 Resp: 61429
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#



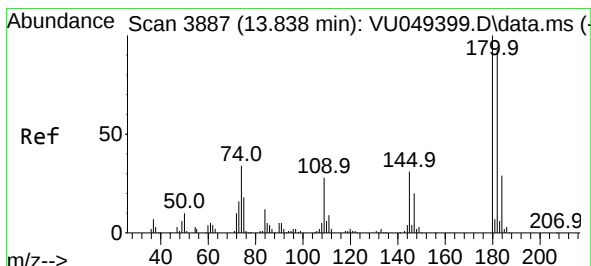
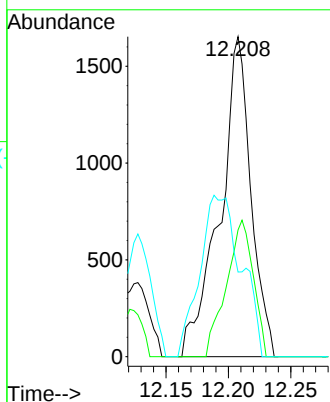
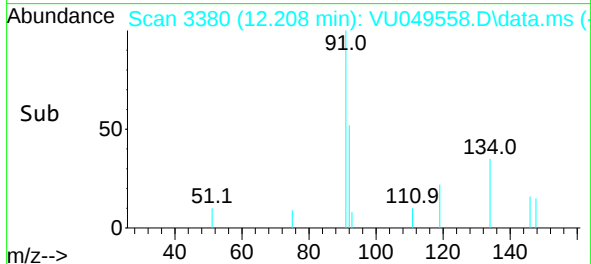


#89
n-Butylbenzene
Concen: 0.256 ug/l
RT: 12.208 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU049558.D
Acq: 30 Jun 2022 12:59

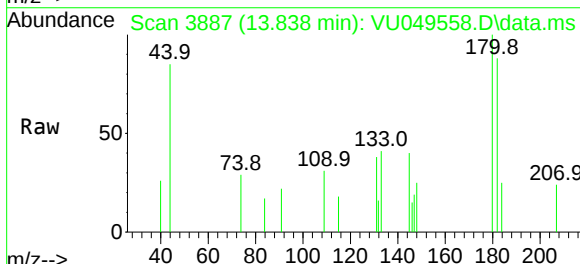
Instrument :
MSVOA_U
ClientSampleId :
31052-WATERDL



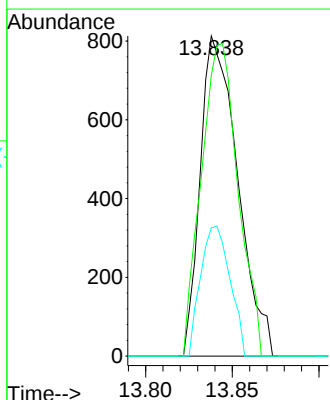
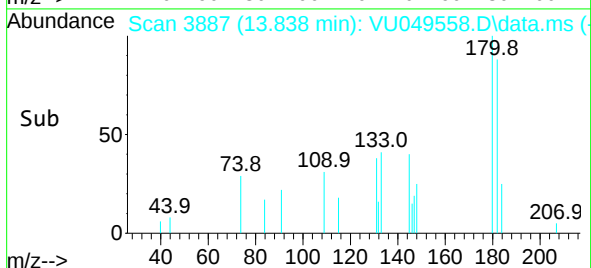
Tgt Ion: 91 Resp: 2862
Ion Ratio Lower Upper
91 100
92 36.9 26.2 78.6
134 0.0 13.5 40.4#

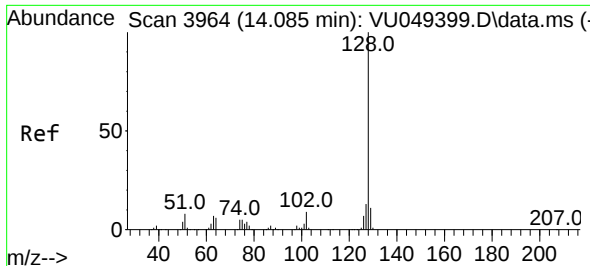


#93
1,2,4-Trichlorobenzene
Concen: 2.025 ug/l
RT: 13.838 min Scan# 3887
Delta R.T. 0.000 min
Lab File: VU049558.D
Acq: 30 Jun 2022 12:59



Tgt Ion: 180 Resp: 1220
Ion Ratio Lower Upper
180 100
182 95.8 47.9 143.6
145 31.9 14.0 41.9

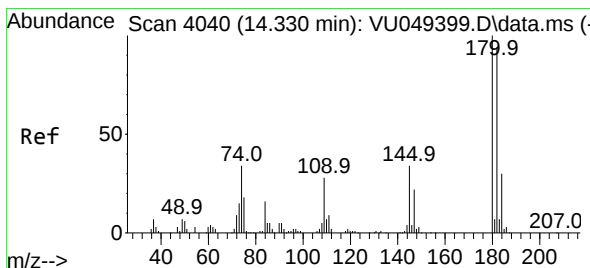
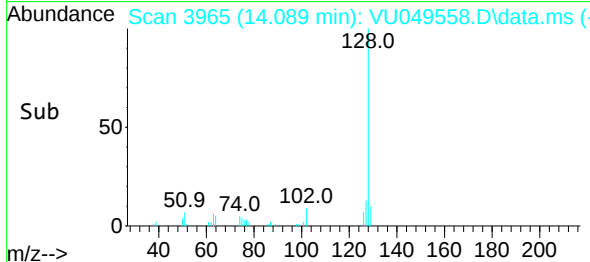
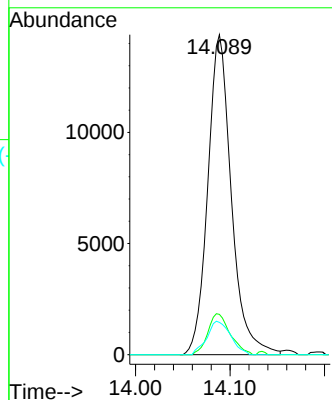
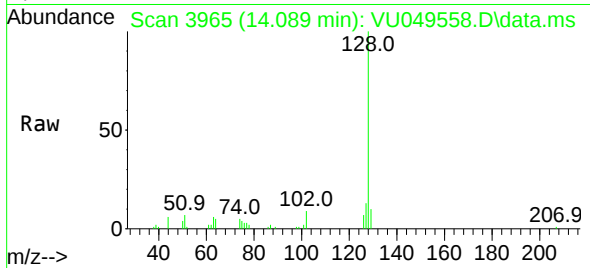




#95
Naphthalene
Concen: 3.320 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU049558.D
Acq: 30 Jun 2022 12:59

Instrument :
MSVOA_U
ClientSampleId :
31052-WATERDL

Tgt Ion:128	Resp:	24925
Ion Ratio	Lower	Upper
128	100	
127	12.1	10.3 15.5
129	10.5	8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 1.526 ug/l
RT: 14.336 min Scan# 4042
Delta R.T. 0.006 min
Lab File: VU049558.D
Acq: 30 Jun 2022 12:59

Tgt Ion:180	Resp:	1597
Ion Ratio	Lower	Upper
180	100	
182	94.6	48.4 145.0
145	33.3	14.8 44.4

