

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)

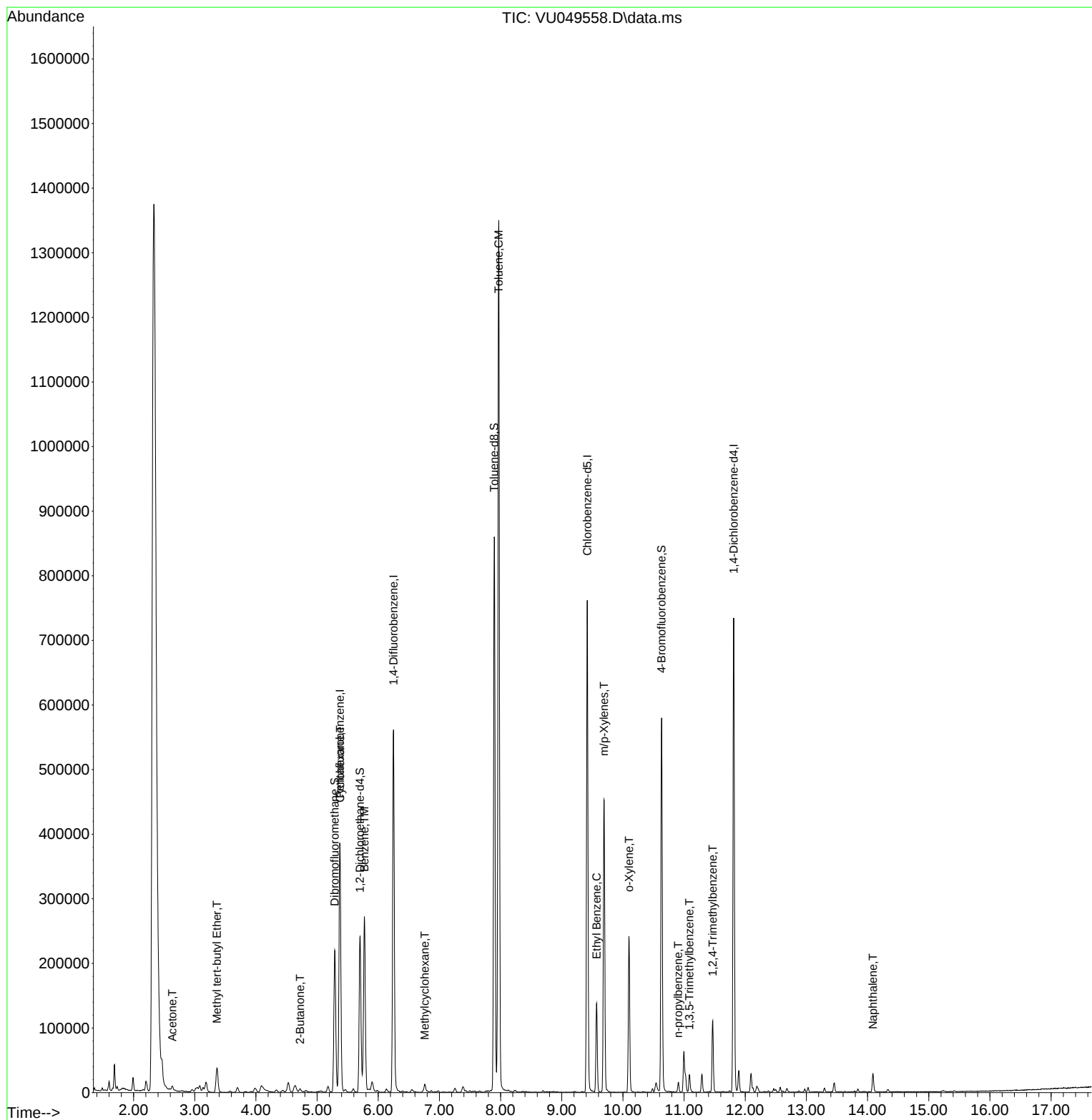
Internal Standards						
1) Pentafluorobenzene	5.372	168	257771	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	455200	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	412085	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	193970	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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	
16) Acetone	2.633	43	9843	4.917	ug/l	# 85
19) Methyl tert-butyl Ether	3.362	73	35749	3.433	ug/l	# 69
25) 2-Butanone	4.723	43	8595	2.865	ug/l	96
31) Cyclohexane	5.375	56	12245	2.054	ug/l	# 54
39) Methylcyclohexane	6.761	83	5175	0.935	ug/l	94
40) Benzene	5.774	78	249531	17.898	ug/l	97
52) Toluene	7.970	92	560653	67.659	ug/l	100
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
78) n-propylbenzene	10.906	91	12496	0.744	ug/l	95
80) 1,3,5-Trimethylbenzene	11.086	105	14677	1.217	ug/l	94
84) 1,2,4-Trimethylbenzene	11.468	105	61429	5.184	ug/l	93
95) Naphthalene	14.089	128	24925	3.320	ug/l	99

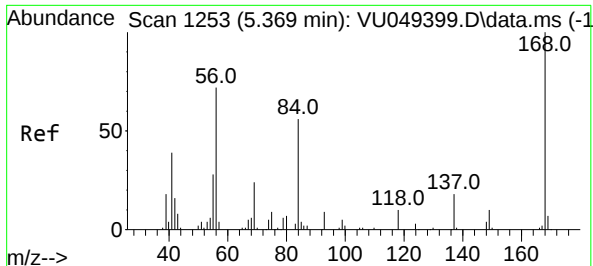
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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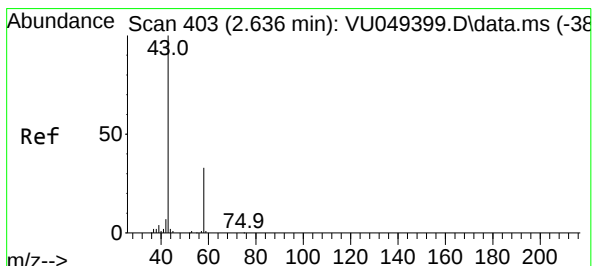
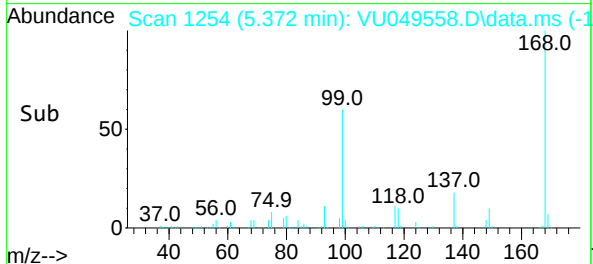
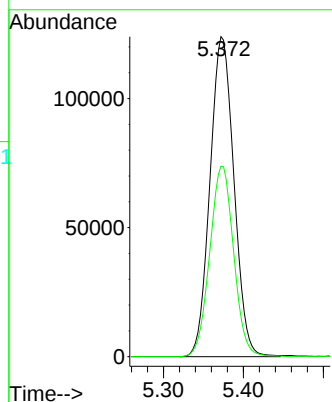
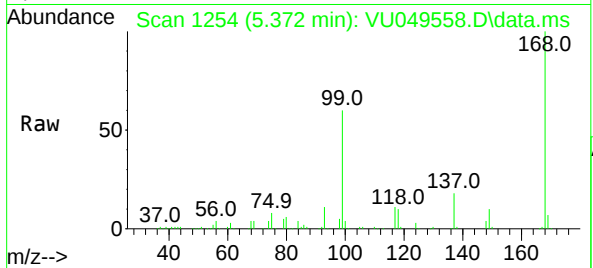




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049558.D
Acq: 30 Jun 2022 12:59

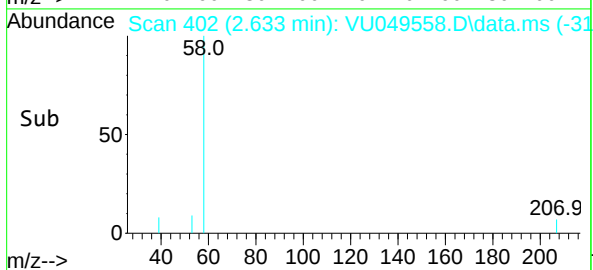
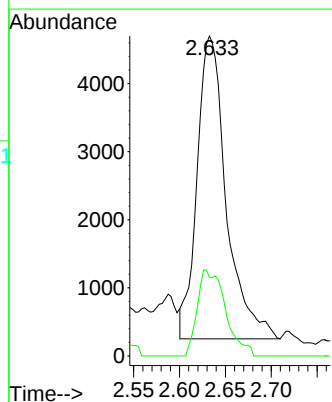
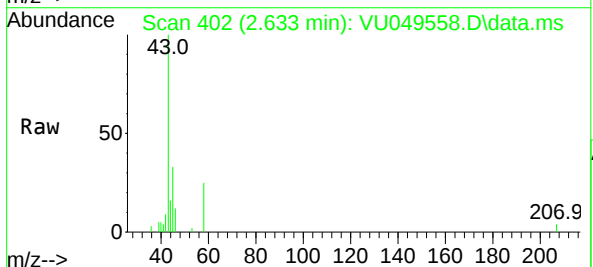
Instrument :
MSVOA_U
ClientSampleId :
31052-WATERDL

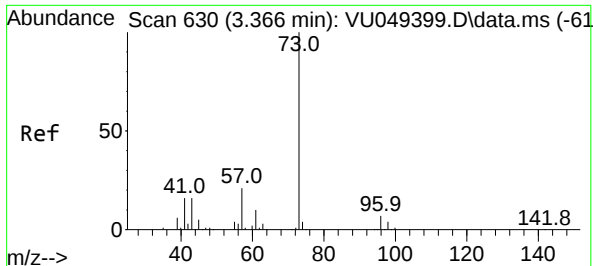
Tgt Ion:168 Resp: 257771
Ion Ratio Lower Upper
168 100
99 59.6 39.3 58.9#



#16
Acetone
Concen: 4.917 ug/l
RT: 2.633 min Scan# 402
Delta R.T. -0.003 min
Lab File: VU049558.D
Acq: 30 Jun 2022 12:59

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





#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

Instrument :

MSVOA_U

ClientSampleId :

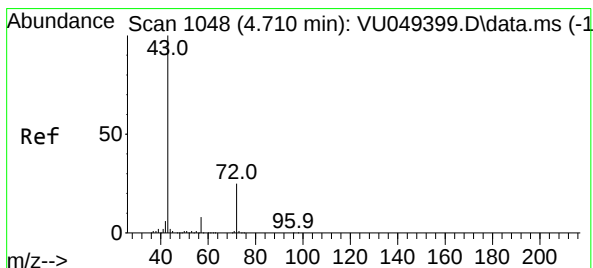
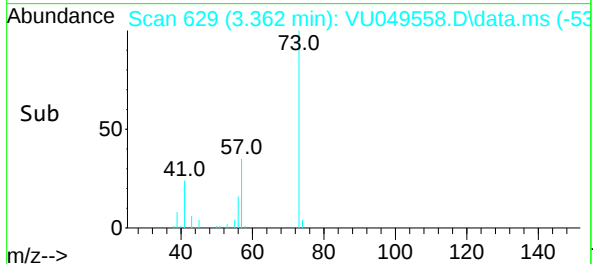
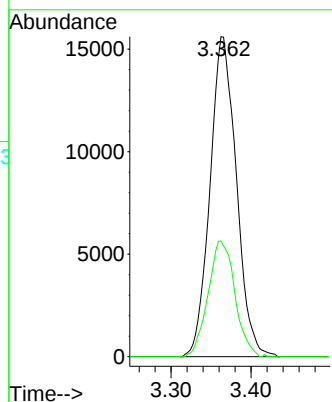
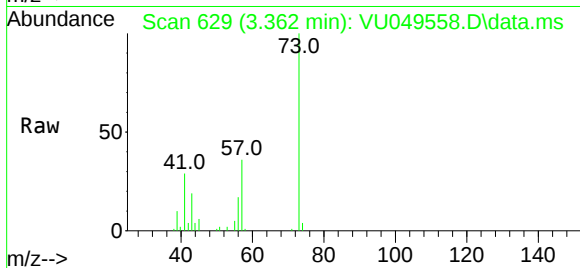
31052-WATERDL

Tgt Ion: 73 Resp: 35749

Ion Ratio Lower Upper

73 100

57 36.1 17.1 25.7#



#25

2-Butanone

Concen: 2.865 ug/l

RT: 4.723 min Scan# 1052

Delta R.T. 0.013 min

Lab File: VU049558.D

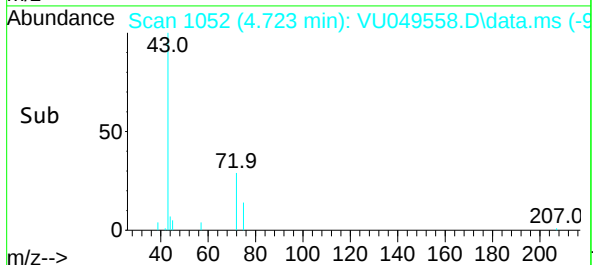
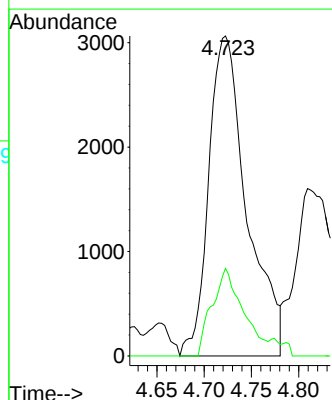
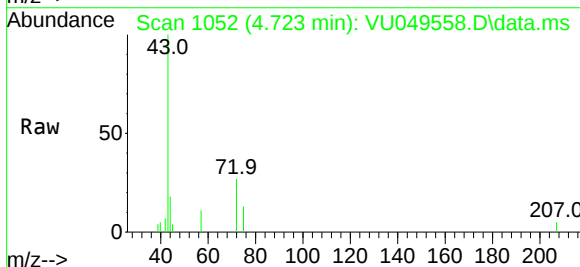
Acq: 30 Jun 2022 12:59

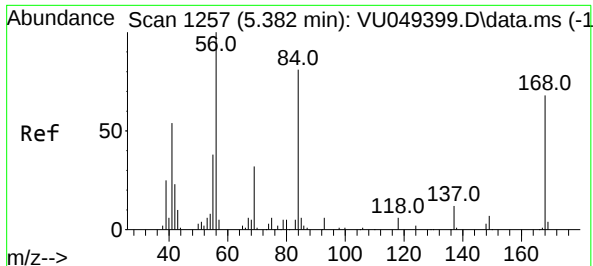
Tgt Ion: 43 Resp: 8595

Ion Ratio Lower Upper

43 100

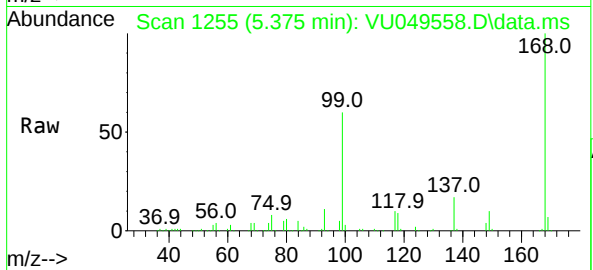
72 27.4 23.8 35.6



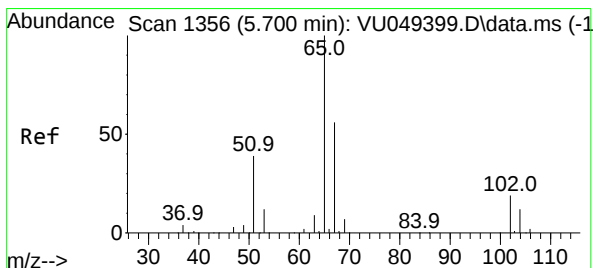
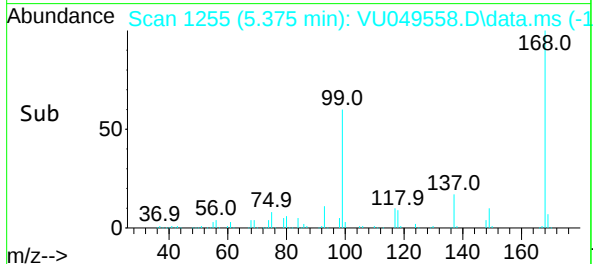
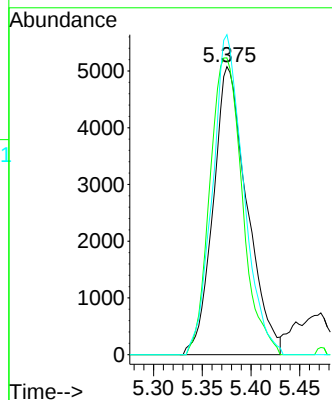


#31
Cyclohexane
Concen: 2.054 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.006 min
Lab File: VU049558.D
Acq: 30 Jun 2022 12:59

Instrument :
MSVOA_U
ClientSampleId :
31052-WATERDL

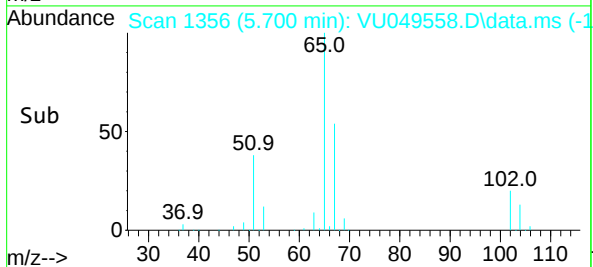
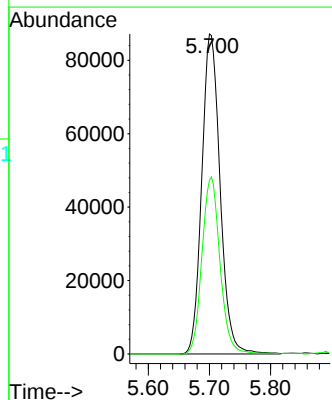
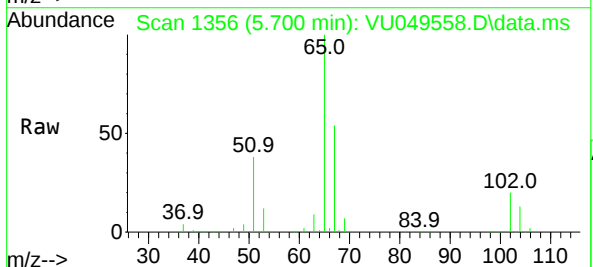


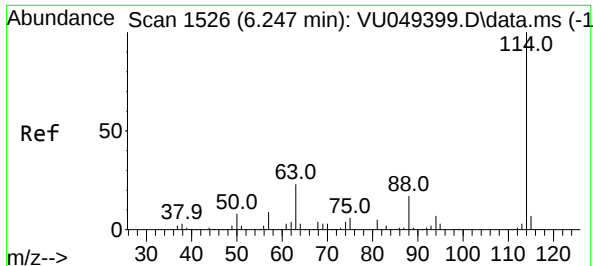
Tgt Ion: 56 Resp: 12245
Ion Ratio Lower Upper
56 100
69 103.1 27.8 41.8#
84 111.1 74.2 111.4



#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

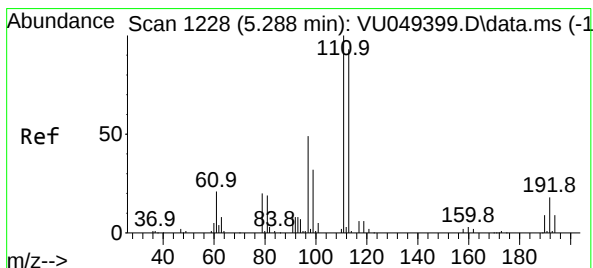
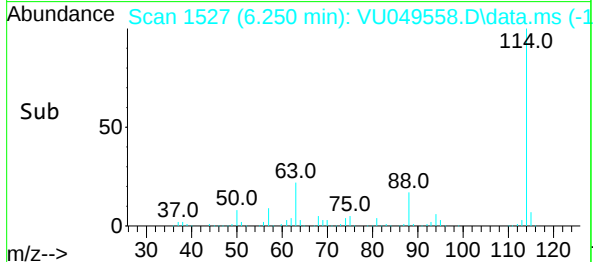
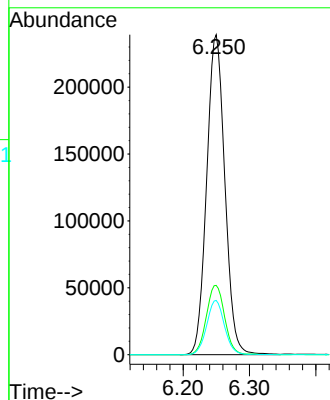
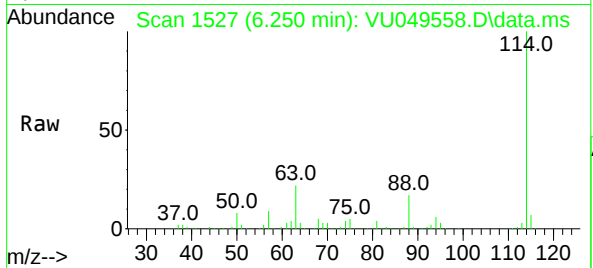




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.250 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049558.D
Acq: 30 Jun 2022 12:59

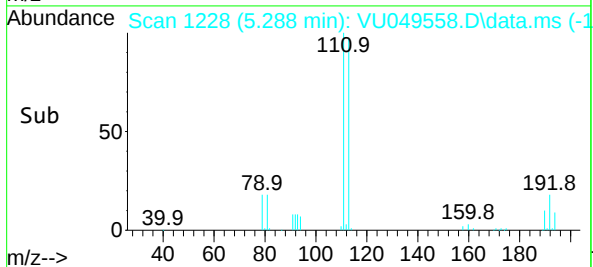
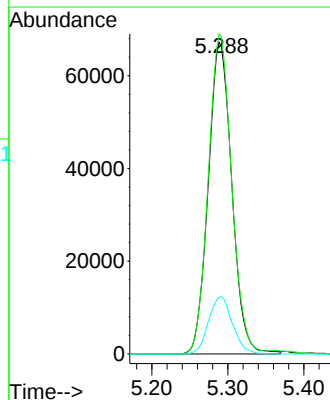
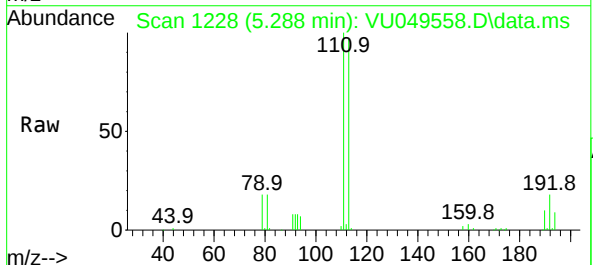
Instrument :
MSVOA_U
ClientSampleId :
31052-WATERDL

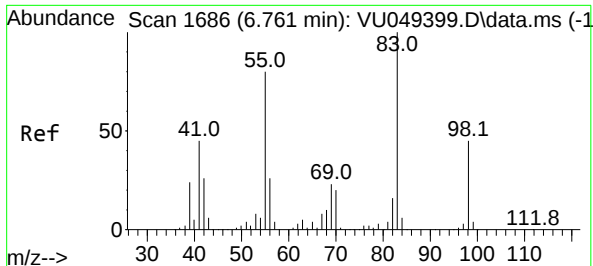
Tgt Ion:114 Resp: 455200
Ion Ratio Lower Upper
114 100
63 21.7 0.0 37.8
88 17.0 0.0 29.2



#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





#39

Methylcyclohexane

Concen: 0.935 ug/l

RT: 6.761 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049558.D

Acq: 30 Jun 2022 12:59

Instrument :

MSVOA_U

ClientSampleId :

31052-WATERDL

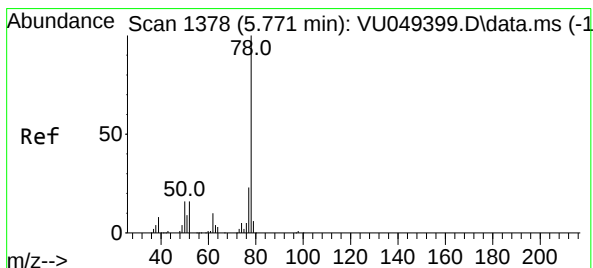
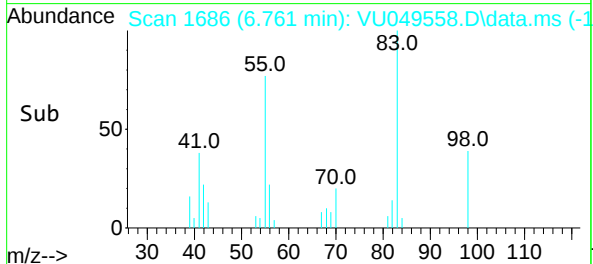
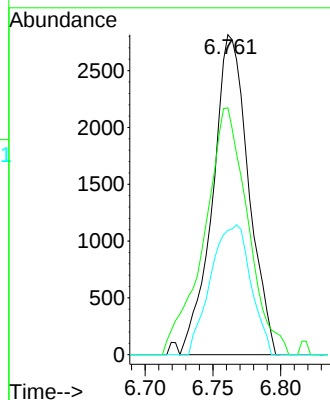
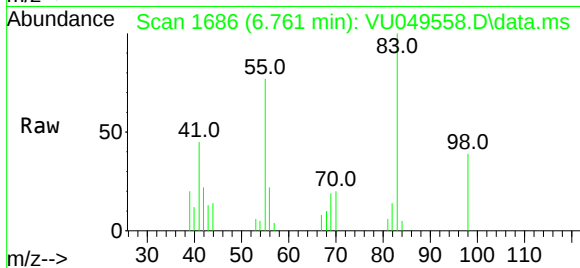
Tgt Ion: 83 Resp: 5175

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

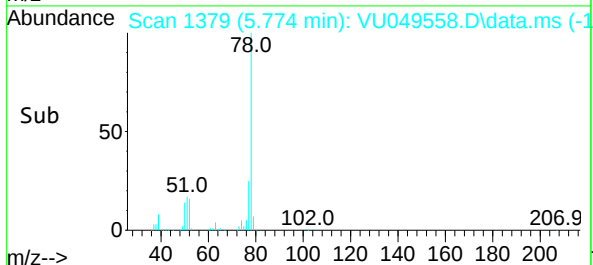
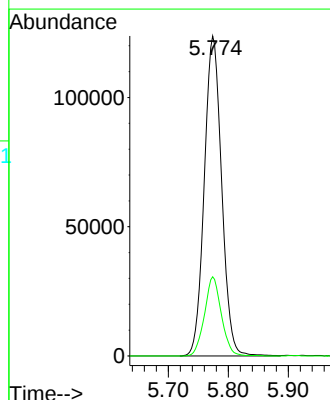
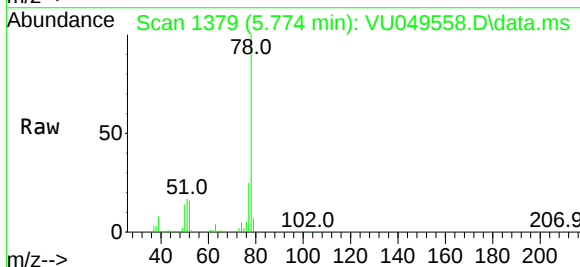
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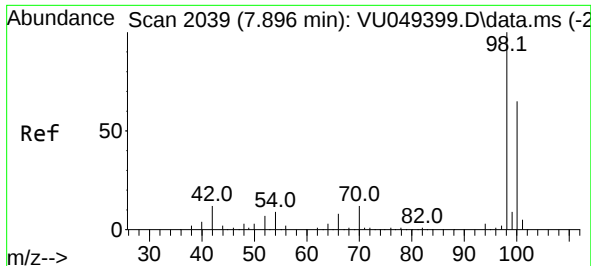
Tgt Ion: 78 Resp: 249531

Ion Ratio Lower Upper

78 100

77 24.8 18.8 28.2

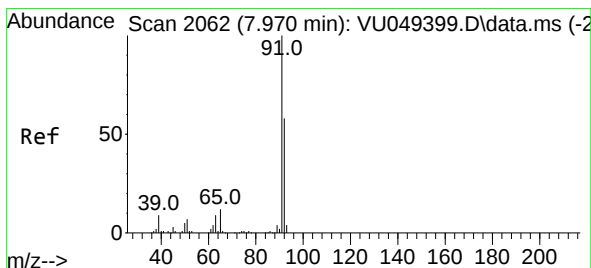
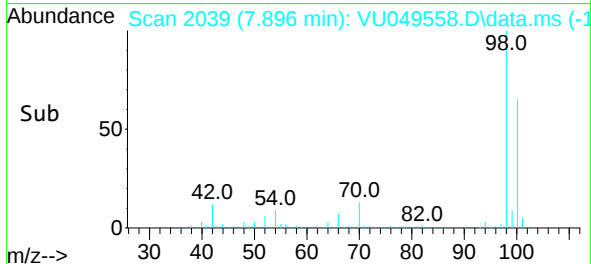
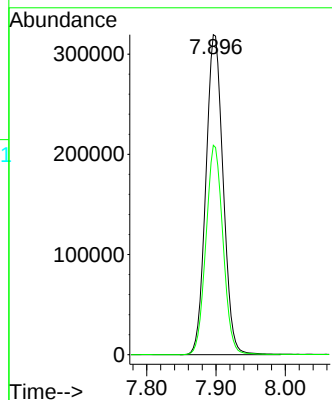
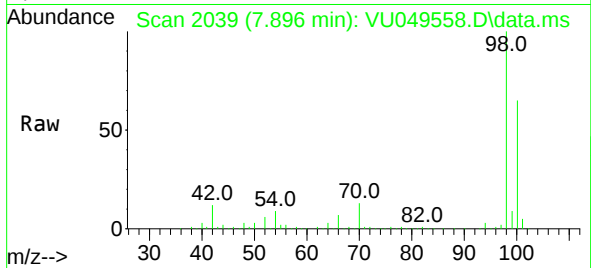




#50
Toluene-d8
Concen: 48.556 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VU049558.D
Acq: 30 Jun 2022 12:59

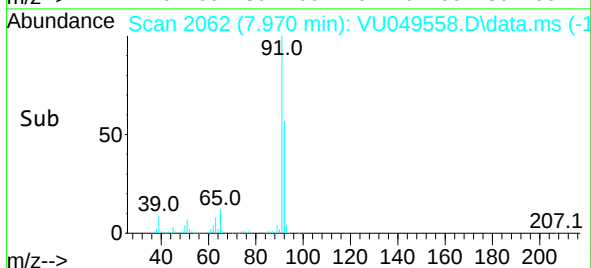
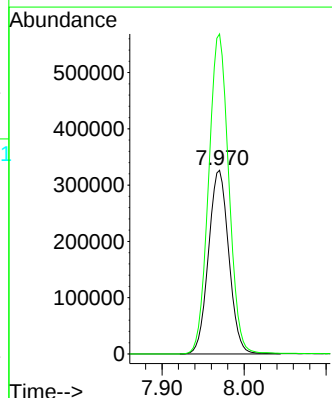
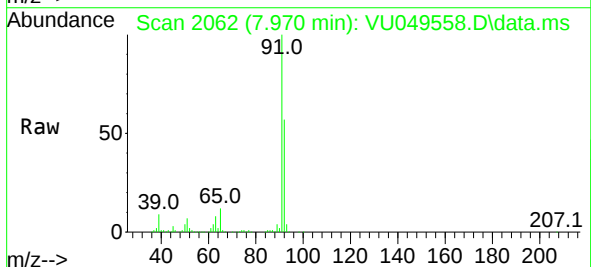
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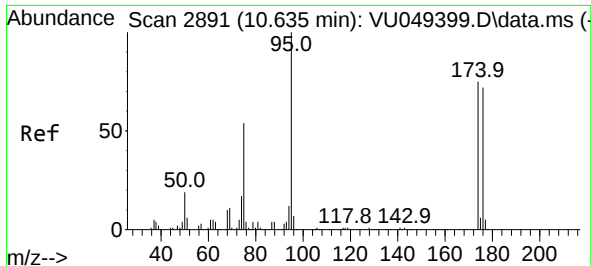
Tgt Ion: 98 Resp: 551545
Ion Ratio Lower Upper
98 100
100 64.7 51.7 77.5



#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

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

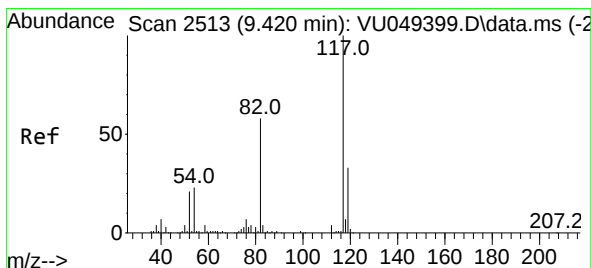
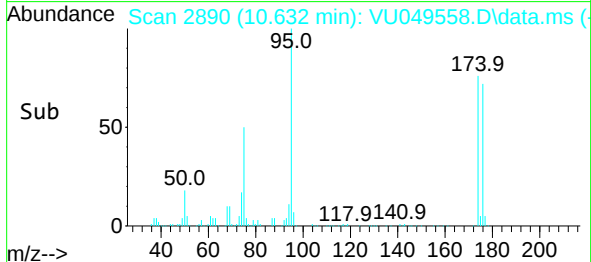
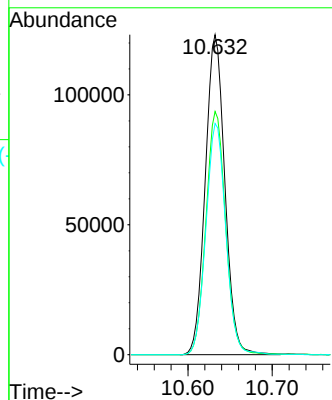
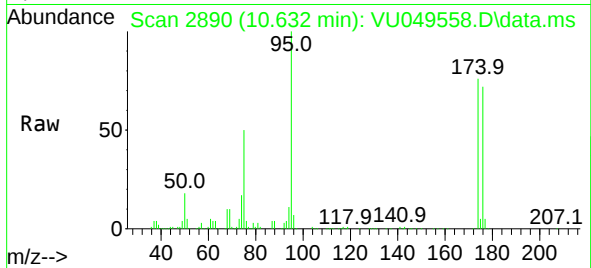




#62
4-Bromofluorobenzene
Concen: 45.810 ug/l
RT: 10.632 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049558.D
Acq: 30 Jun 2022 12:59

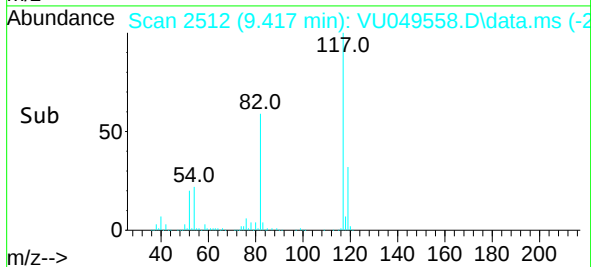
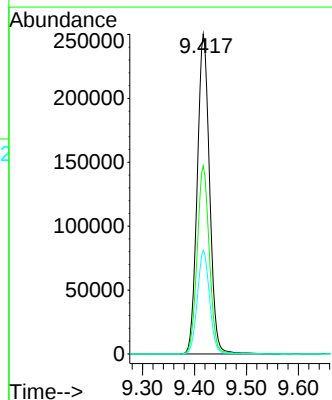
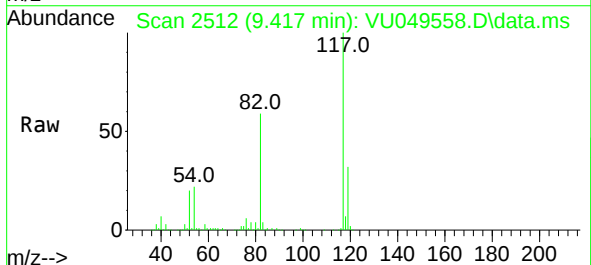
Instrument :
MSVOA_U
ClientSampleId :
31052-WATERDL

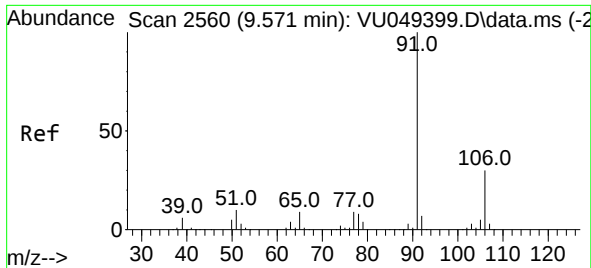
Tgt Ion: 95 Resp: 199331
Ion Ratio Lower Upper
95 100
174 76.4 0.0 182.0
176 73.3 0.0 177.8



#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

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

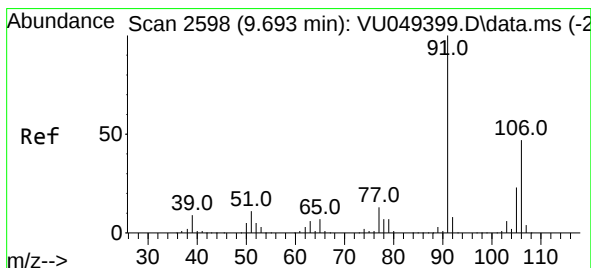
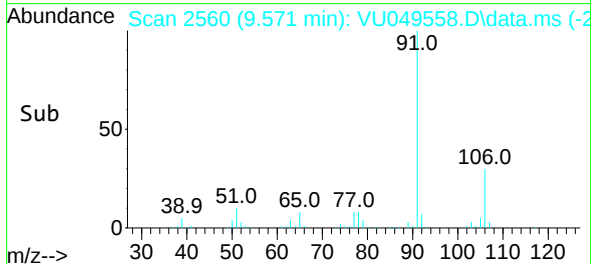
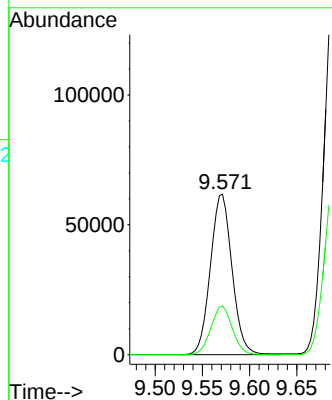
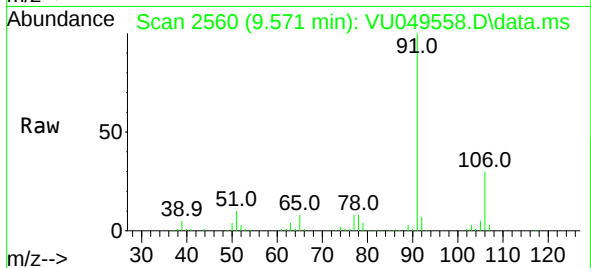




#67
Ethyl Benzene
Concen: 6.359 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU049558.D
Acq: 30 Jun 2022 12:59

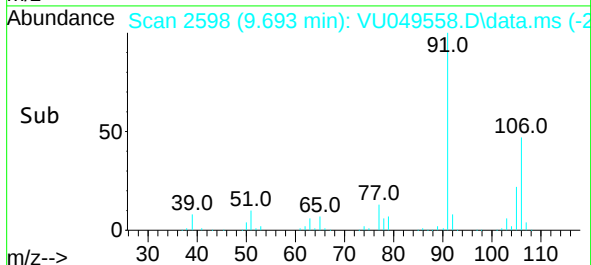
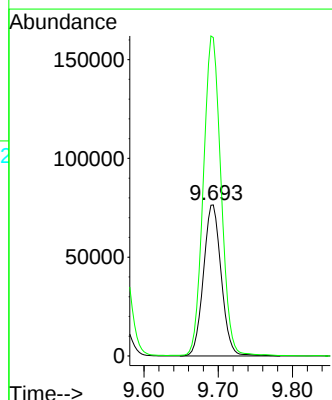
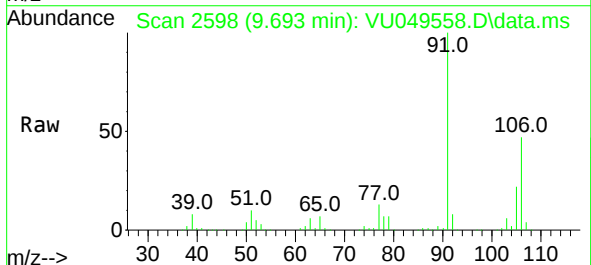
Instrument :
MSVOA_U
ClientSampleId :
31052-WATERDL

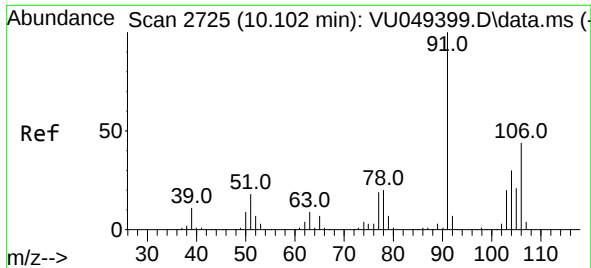
Tgt Ion: 91 Resp: 98345
Ion Ratio Lower Upper
91 100
106 30.4 25.6 38.4



#68
m/p-Xylenes
Concen: 22.179 ug/l
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU049558.D
Acq: 30 Jun 2022 12:59

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

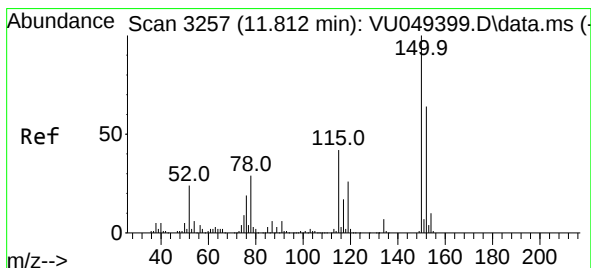
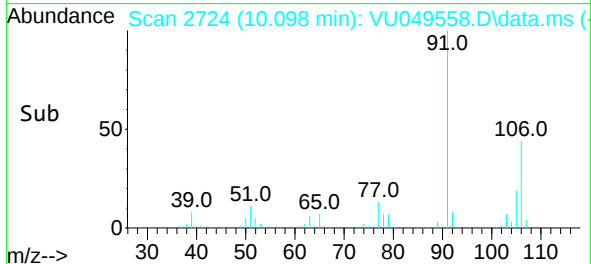
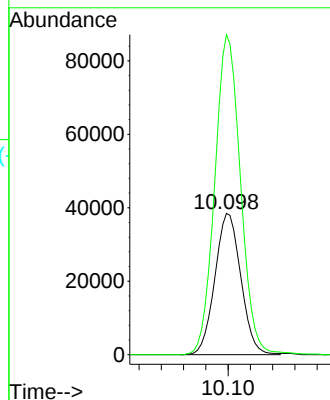
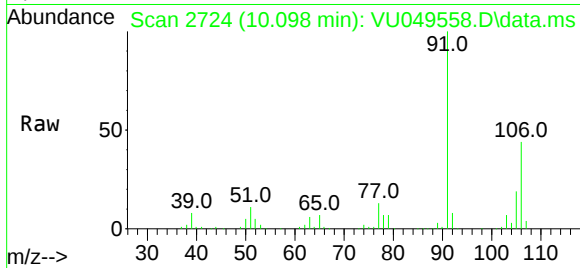




#69
o-Xylene
Concen: 10.939 ug/l
RT: 10.098 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049558.D
Acq: 30 Jun 2022 12:59

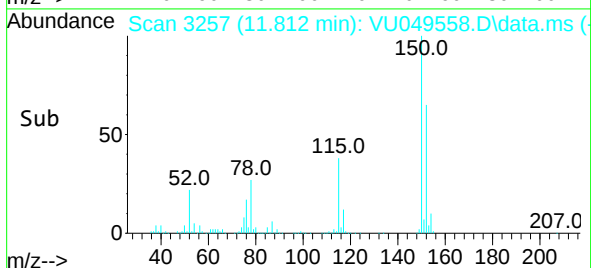
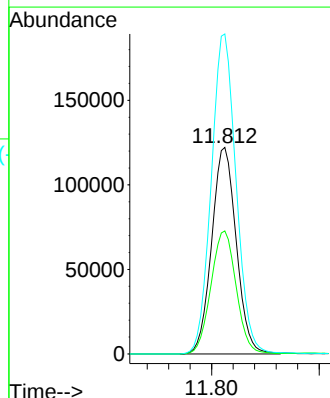
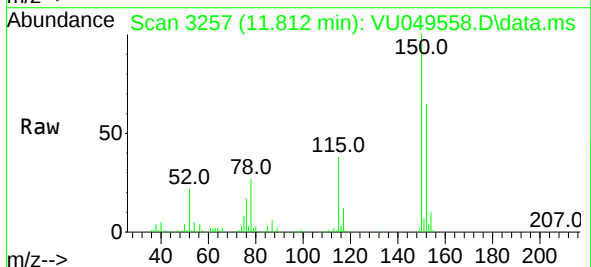
Instrument :
MSVOA_U
ClientSampleId :
31052-WATERDL

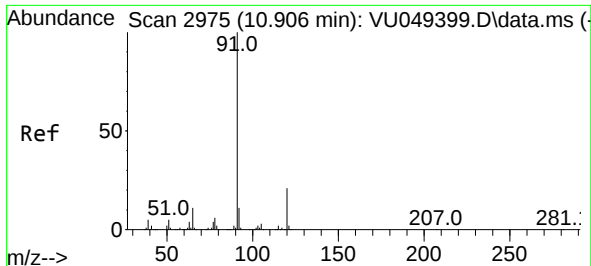
Tgt Ion:106 Resp: 62145
Ion Ratio Lower Upper
106 100
91 225.3 103.5 310.5



#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

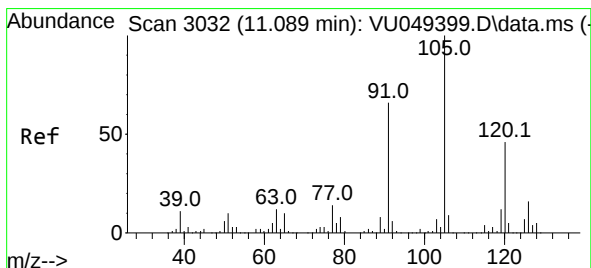
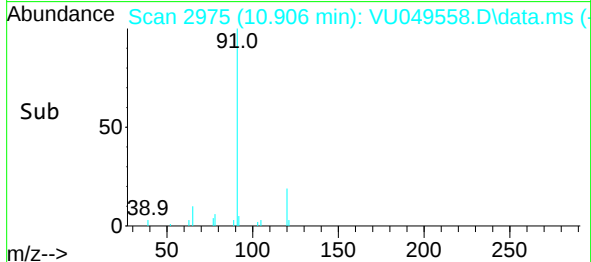
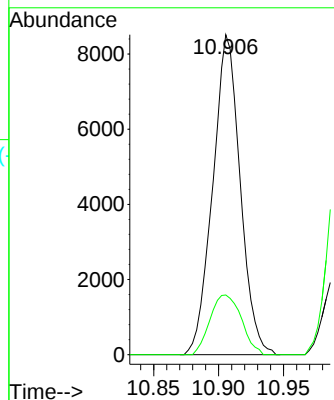
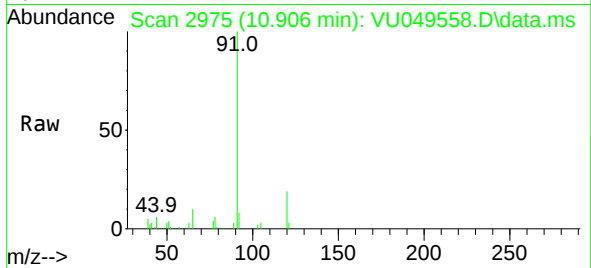




#78
n-propylbenzene
Concen: 0.744 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU049558.D
Acq: 30 Jun 2022 12:59

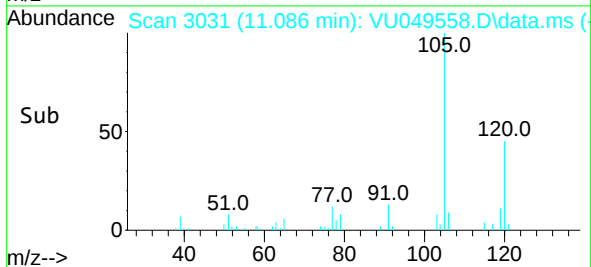
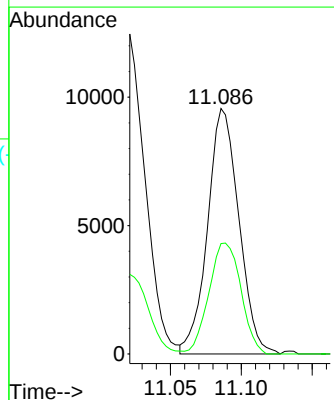
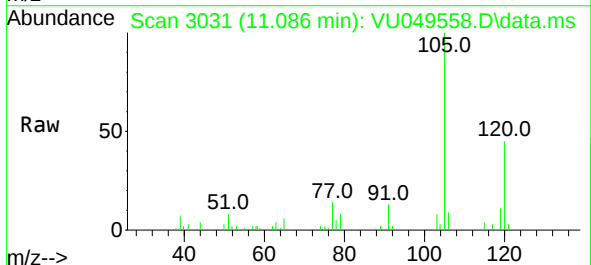
Instrument :
MSVOA_U
ClientSampleId :
31052-WATERDL

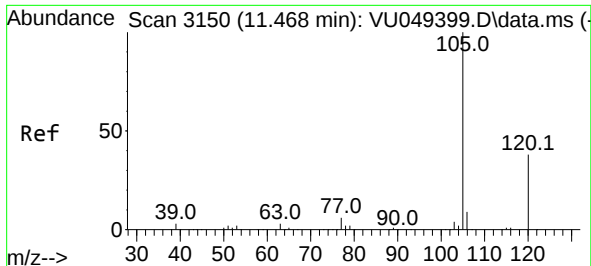
Tgt Ion: 91 Resp: 12496
Ion Ratio Lower Upper
91 100
120 21.3 11.9 35.5



#80
1,3,5-Trimethylbenzene
Concen: 1.217 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. -0.003 min
Lab File: VU049558.D
Acq: 30 Jun 2022 12:59

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

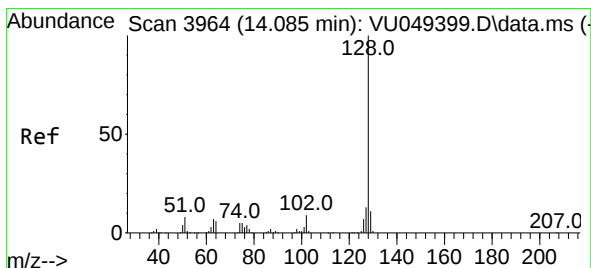
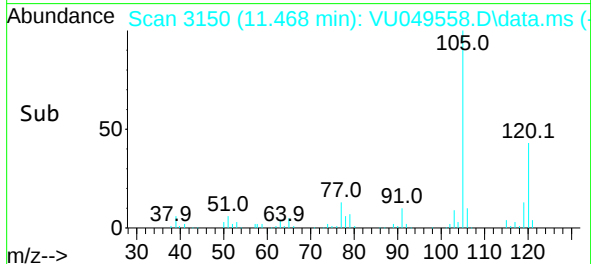
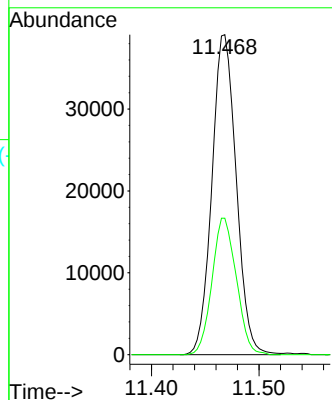
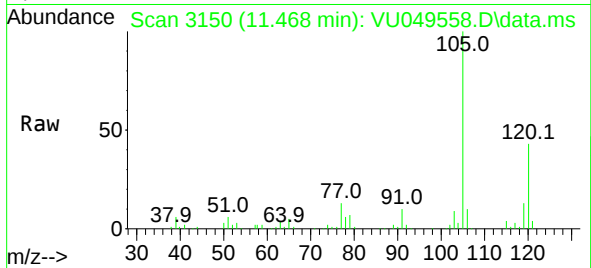




#84
1,2,4-Trimethylbenzene
Concen: 5.184 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU049558.D
Acq: 30 Jun 2022 12:59

Instrument :
MSVOA_U
ClientSampleId :
31052-WATERDL

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



#95
Naphthalene
Concen: 3.320 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU049558.D
Acq: 30 Jun 2022 12:59

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

