

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062922\
 Data File : VU049550.D
 Acq On : 30 Jun 2022 07:03
 Operator : SY/MD
 Sample : N3476-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 31535-WATER

Quant Time: Jun 30 09:14:37 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)

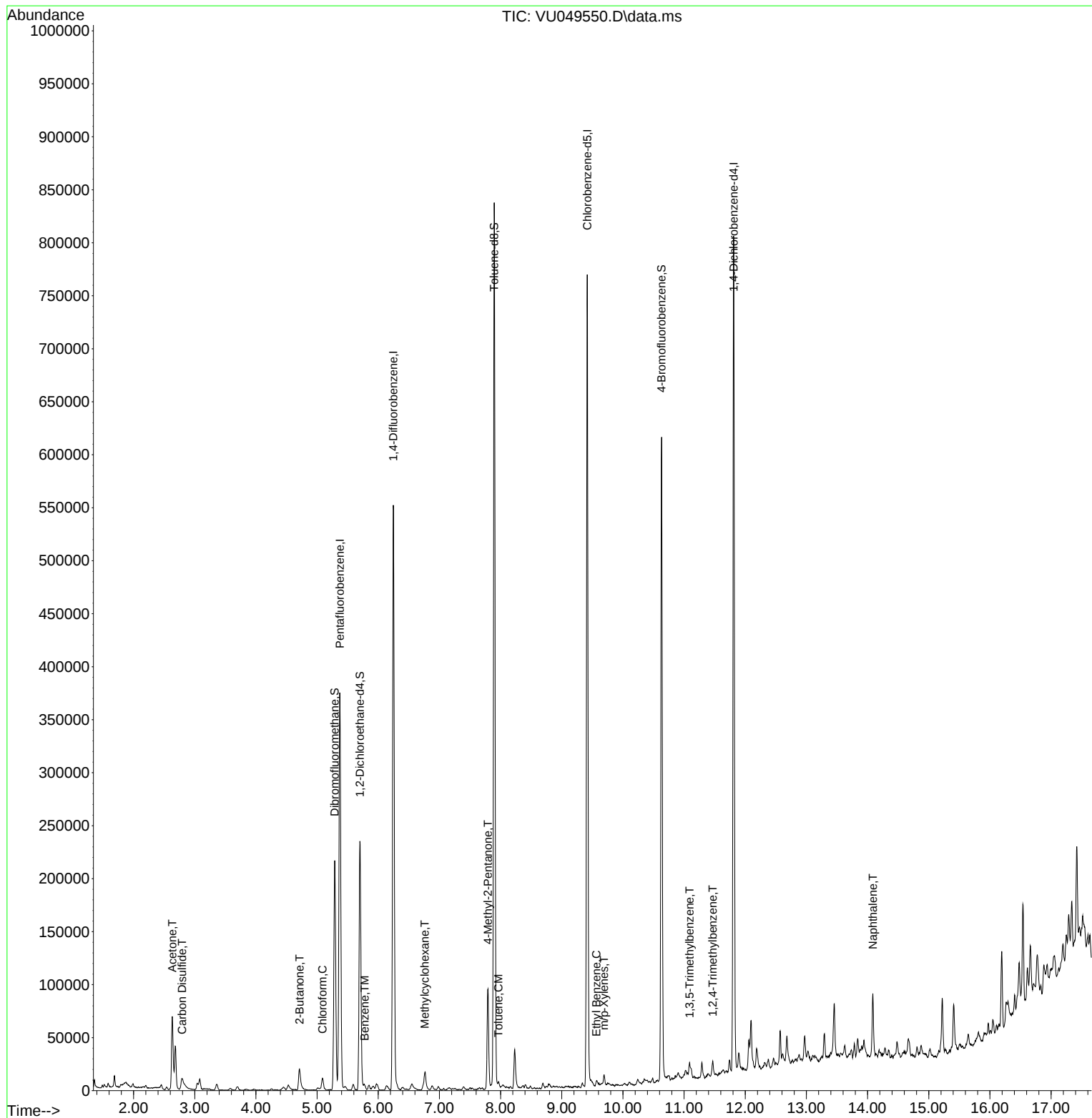
Internal Standards						
1) Pentafluorobenzene	5.372	168	253428	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	442506	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	414735	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	206122	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	178528	45.742	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.480%
35) Dibromofluoromethane	5.288	113	143435	46.331	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.660%
50) Toluene-d8	7.896	98	547890	49.618	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.240%
62) 4-Bromofluorobenzene	10.632	95	201579	47.656	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.320%
Target Compounds						
					Qvalue	
16) Acetone	2.633	43	88851	45.142	ug/l	96
17) Carbon Disulfide	2.793	76	4540	0.529	ug/l	95
25) 2-Butanone	4.713	43	32550	11.035	ug/l	90
30) Chloroform	5.089	83	9950	1.649	ug/l	100
39) Methylcyclohexane	6.761	83	5917	1.100	ug/l #	83
40) Benzene	5.780	78	3504	0.259	ug/l #	85
51) 4-Methyl-2-Pentanone	7.793	43	67105	11.156	ug/l	94
52) Toluene	7.967	92	1732	0.215	ug/l #	69
67) Ethyl Benzene	9.568	91	3352	0.215	ug/l	94
68) m/p-Xylenes	9.693	106	2637	0.458	ug/l #	64
80) 1,3,5-Trimethylbenzene	11.089	105	8313	0.649	ug/l	92
84) 1,2,4-Trimethylbenzene	11.468	105	6412	0.509	ug/l	96
95) Naphthalene	14.085	128	46704	4.530	ug/l	98

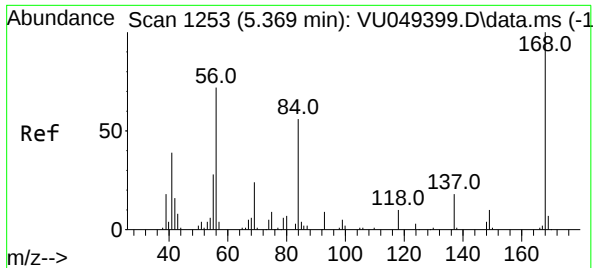
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 28 10:35:43 2022
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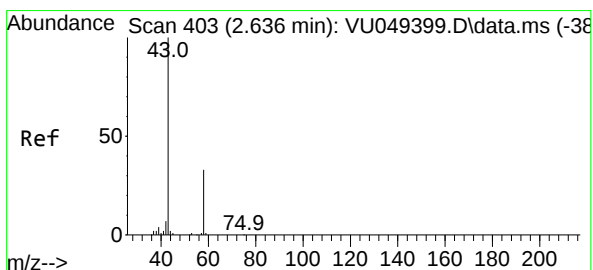
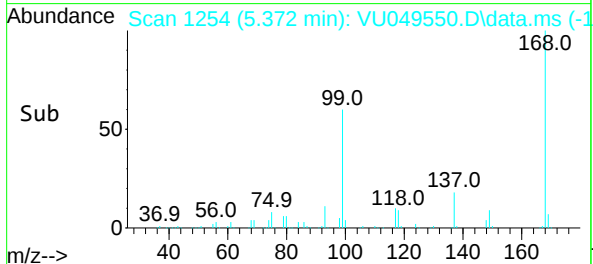
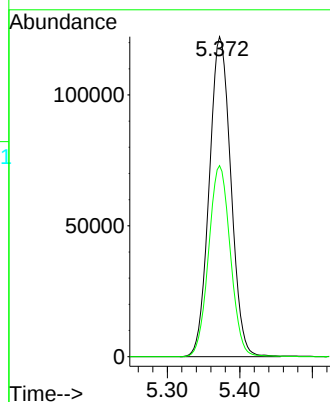
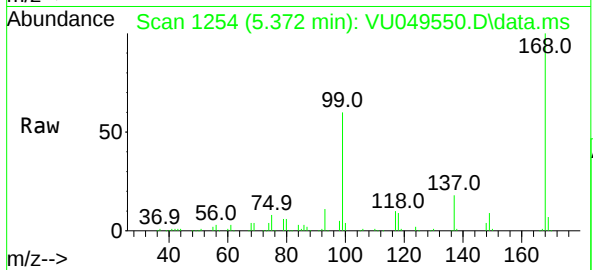




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049550.D
Acq: 30 Jun 2022 07:03

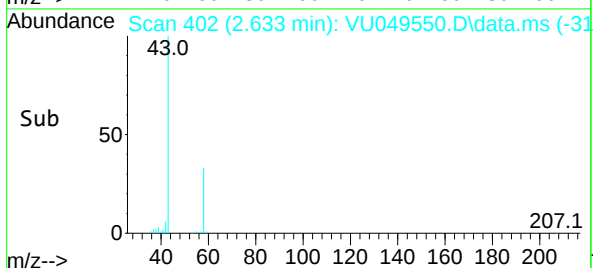
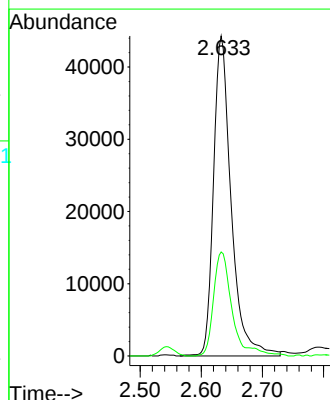
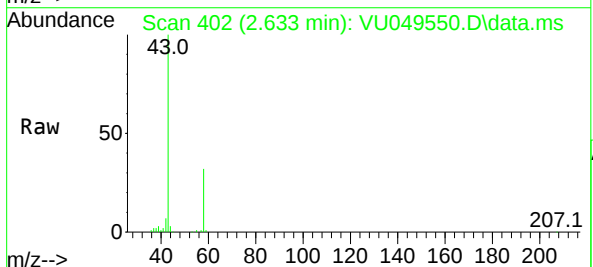
Instrument :
MSVOA_U
ClientSampleId :
31535-WATER

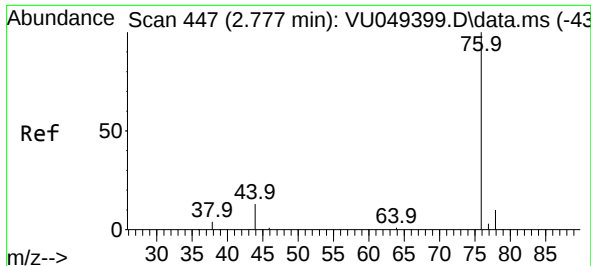
Tgt Ion:168 Resp: 253428
Ion Ratio Lower Upper
168 100
99 59.7 39.3 58.9#



#16
Acetone
Concen: 45.142 ug/l
RT: 2.633 min Scan# 402
Delta R.T. -0.003 min
Lab File: VU049550.D
Acq: 30 Jun 2022 07:03

Tgt Ion: 43 Resp: 88851
Ion Ratio Lower Upper
43 100
58 31.9 27.5 41.3

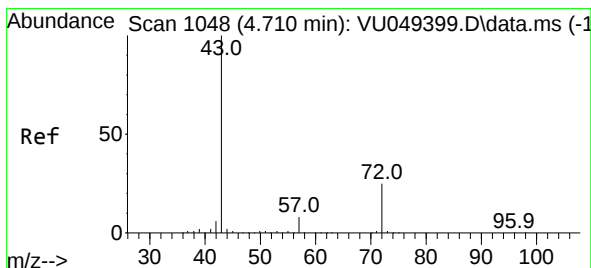
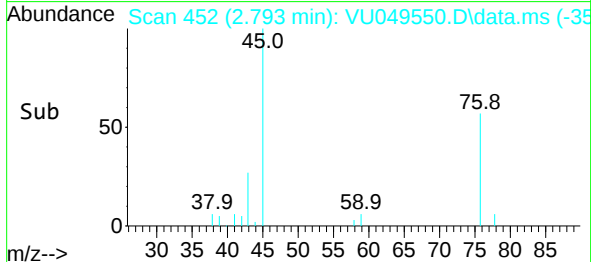
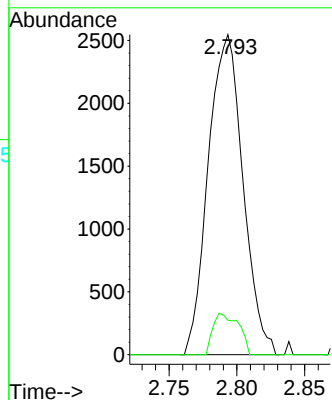
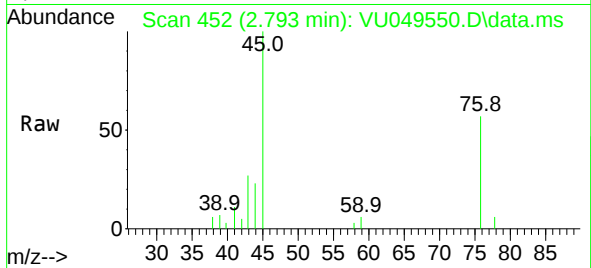




#17
Carbon Disulfide
Concen: 0.529 ug/l
RT: 2.793 min Scan# 41
Delta R.T. 0.016 min
Lab File: VU049550.D
Acq: 30 Jun 2022 07:03

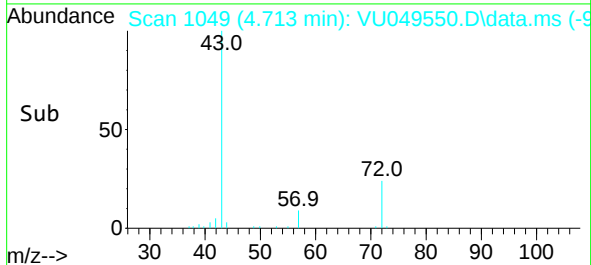
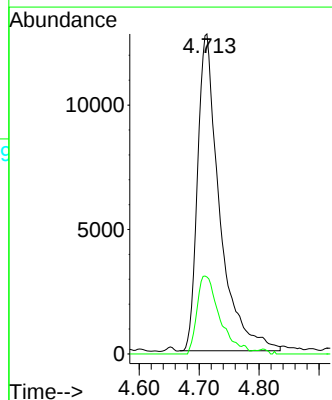
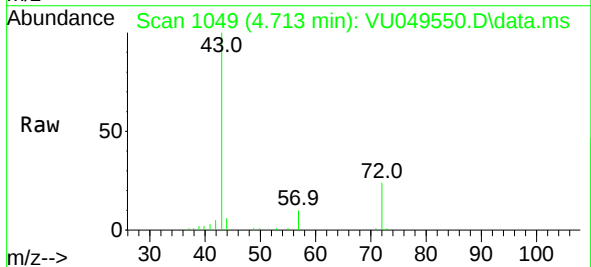
Instrument :
MSVOA_U
ClientSampleId :
31535-WATER

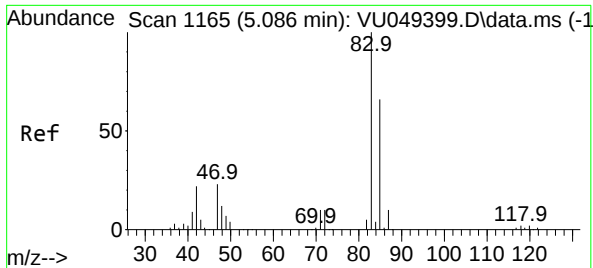
Tgt Ion: 76 Resp: 4540
Ion Ratio Lower Upper
76 100
78 10.8 7.3 10.9



#25
2-Butanone
Concen: 11.035 ug/l
RT: 4.713 min Scan# 1049
Delta R.T. 0.003 min
Lab File: VU049550.D
Acq: 30 Jun 2022 07:03

Tgt Ion: 43 Resp: 32550
Ion Ratio Lower Upper
43 100
72 24.3 23.8 35.6





#30

Chloroform

Concen: 1.649 ug/l

RT: 5.089 min Scan# 1165

Delta R.T. 0.003 min

Lab File: VU049550.D

Acq: 30 Jun 2022 07:03

Instrument :

MSVOA_U

ClientSampleId :

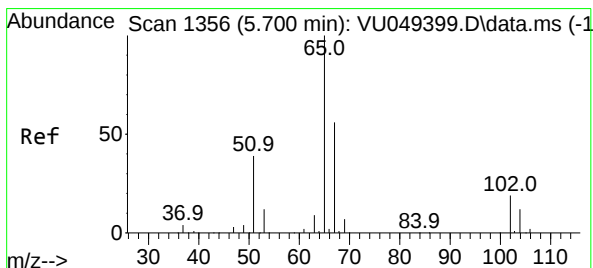
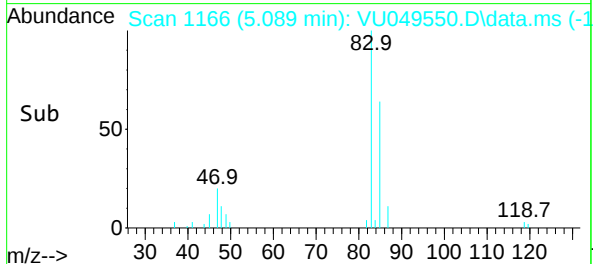
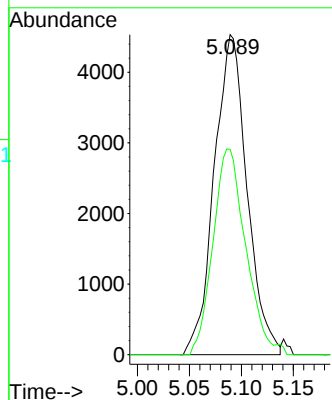
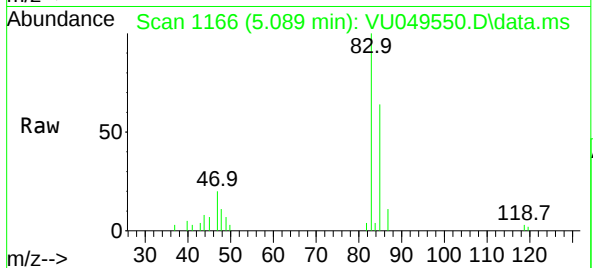
31535-WATER

Tgt Ion: 83 Resp: 9950

Ion Ratio Lower Upper

83 100

85 64.2 51.2 76.8



#33

1,2-Dichloroethane-d4

Concen: 45.742 ug/l

RT: 5.700 min Scan# 1356

Delta R.T. 0.000 min

Lab File: VU049550.D

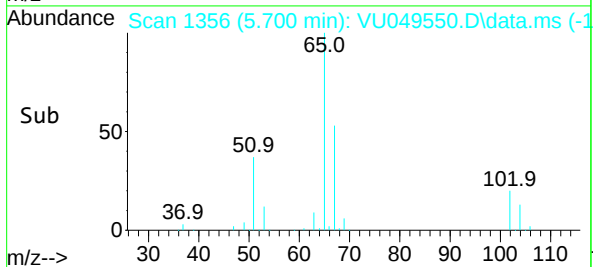
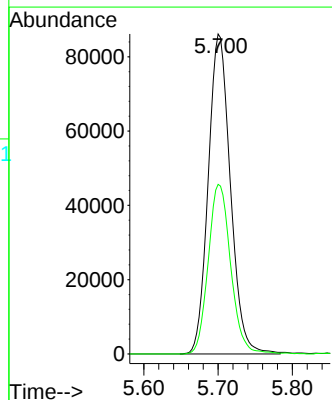
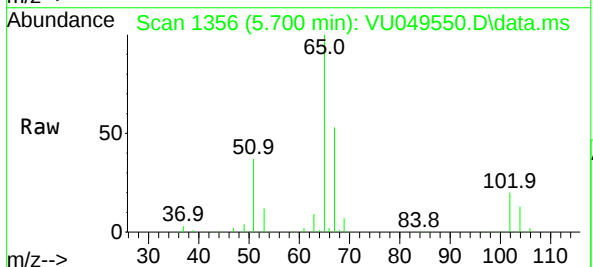
Acq: 30 Jun 2022 07:03

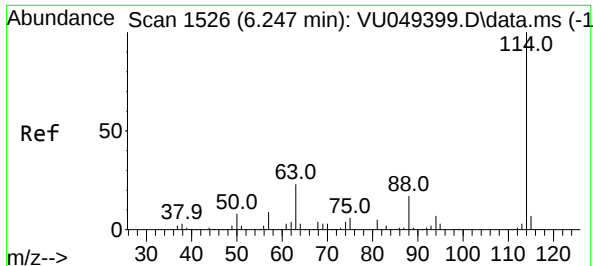
Tgt Ion: 65 Resp: 178528

Ion Ratio Lower Upper

65 100

67 53.7 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU049550.D

Acq: 30 Jun 2022 07:03

Instrument :

MSVOA_U

ClientSampleId :

31535-WATER

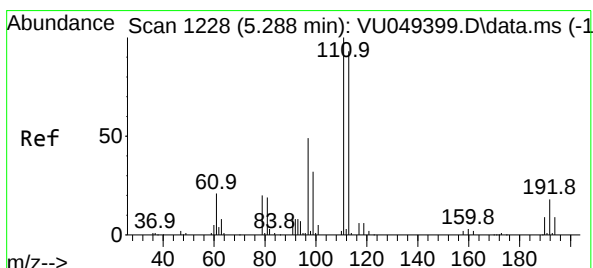
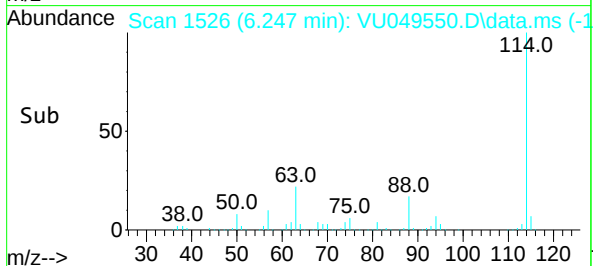
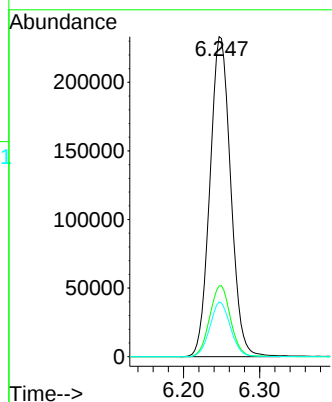
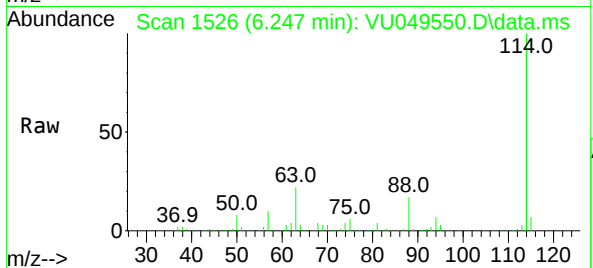
Tgt Ion:114 Resp: 442506

Ion Ratio Lower Upper

114 100

63 22.1 0.0 37.8

88 17.1 0.0 29.2



#35

Dibromofluoromethane

Concen: 46.331 ug/l

RT: 5.288 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VU049550.D

Acq: 30 Jun 2022 07:03

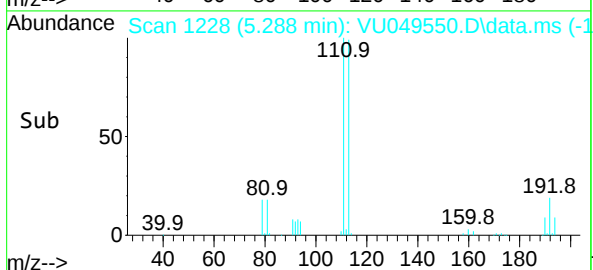
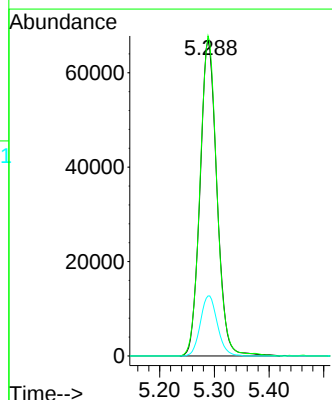
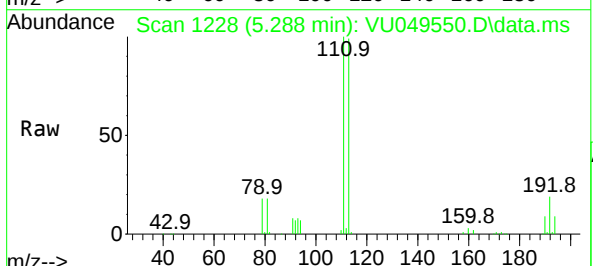
Tgt Ion:113 Resp: 143435

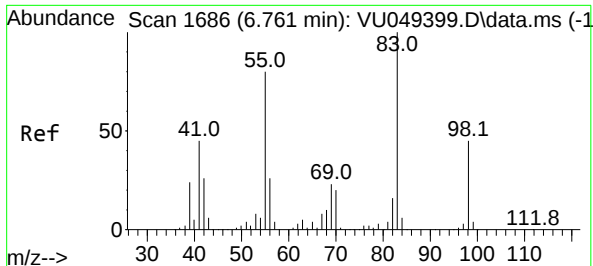
Ion Ratio Lower Upper

113 100

111 100.4 82.1 123.1

192 19.1 18.0 27.0





#39

Methylcyclohexane

Concen: 1.100 ug/l

RT: 6.761 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049550.D

Acq: 30 Jun 2022 07:03

Instrument :

MSVOA_U

ClientSampleId :

31535-WATER

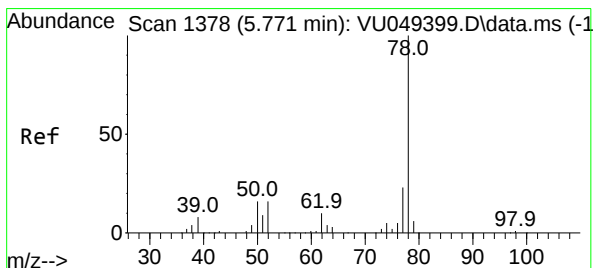
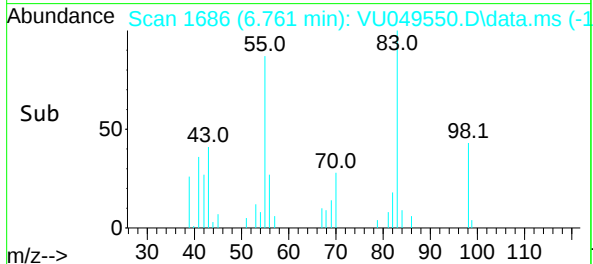
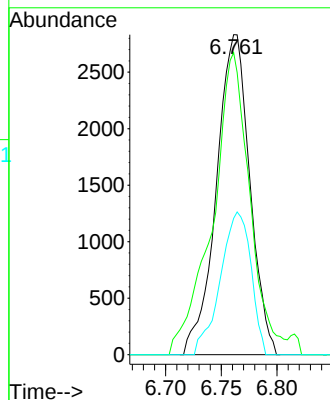
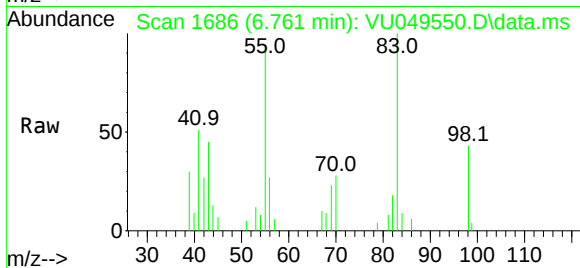
Tgt Ion: 83 Resp: 5917

Ion Ratio Lower Upper

83 100

55 88.7 55.3 82.9#

98 42.6 37.3 55.9



#40

Benzene

Concen: 0.259 ug/l

RT: 5.780 min Scan# 1381

Delta R.T. 0.010 min

Lab File: VU049550.D

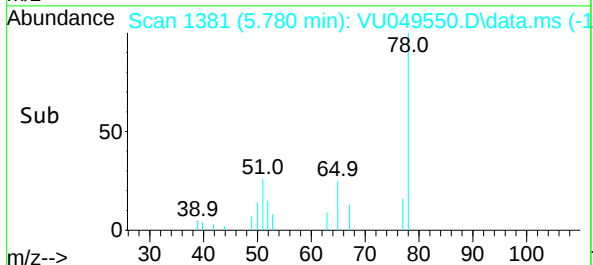
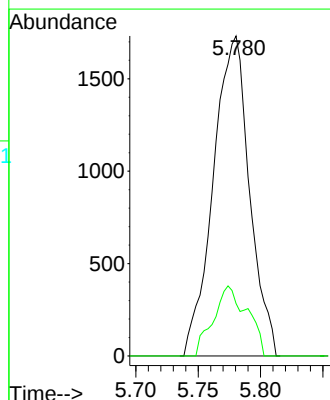
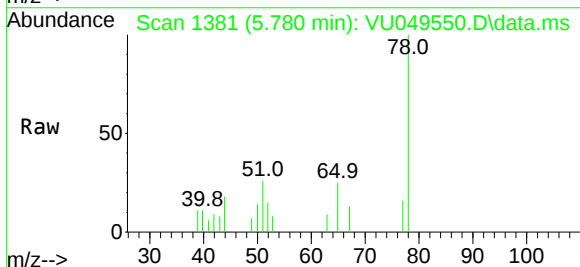
Acq: 30 Jun 2022 07:03

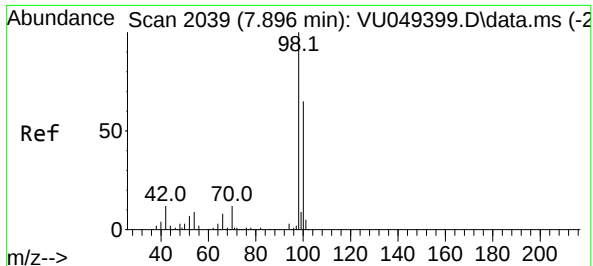
Tgt Ion: 78 Resp: 3504

Ion Ratio Lower Upper

78 100

77 16.4 18.8 28.2#

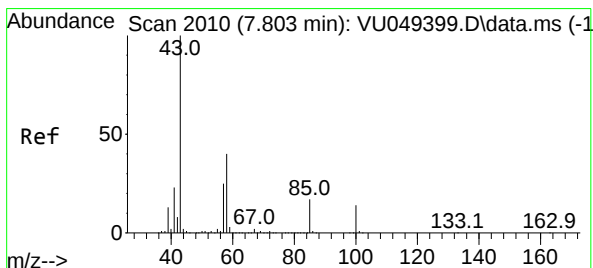
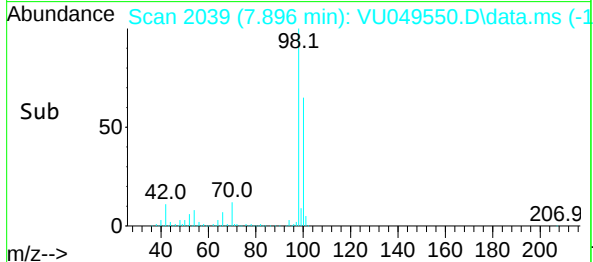
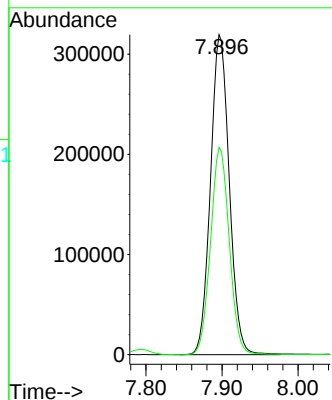
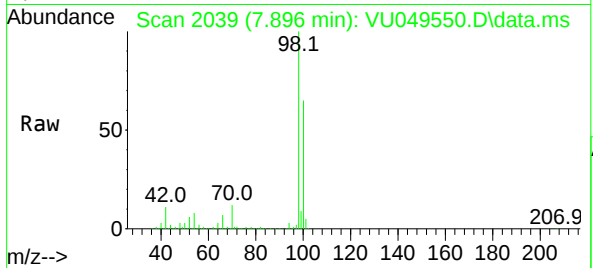




#50
Toluene-d8
Concen: 49.618 ug/l
RT: 7.896 min Scan# 20
Delta R.T. 0.000 min
Lab File: VU049550.D
Acq: 30 Jun 2022 07:03

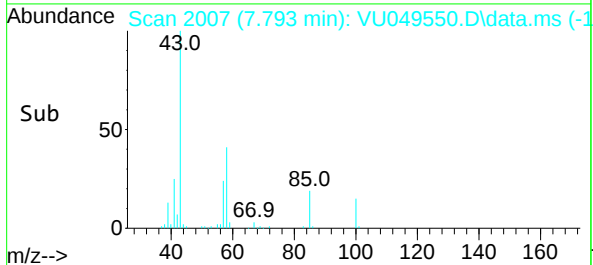
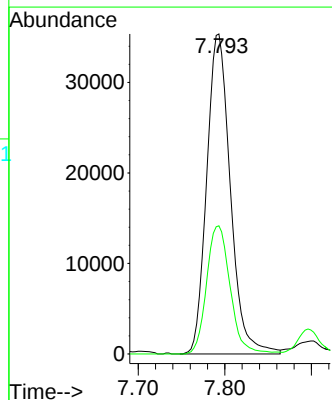
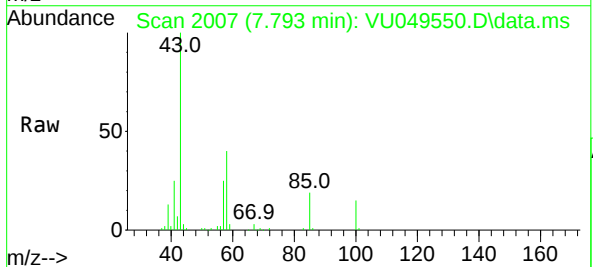
Instrument :
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31535-WATER

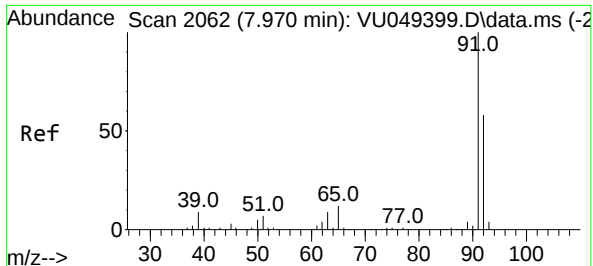
Tgt Ion: 98 Resp: 547890
Ion Ratio Lower Upper
98 100
100 64.9 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 11.156 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. -0.010 min
Lab File: VU049550.D
Acq: 30 Jun 2022 07:03

Tgt Ion: 43 Resp: 67105
Ion Ratio Lower Upper
43 100
58 39.8 34.7 52.1

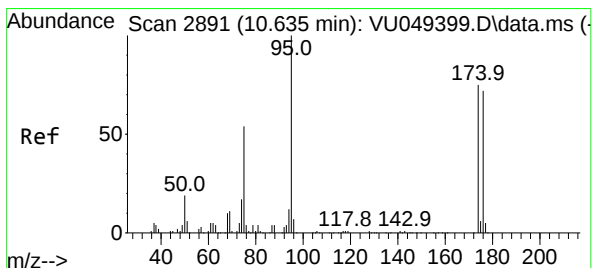
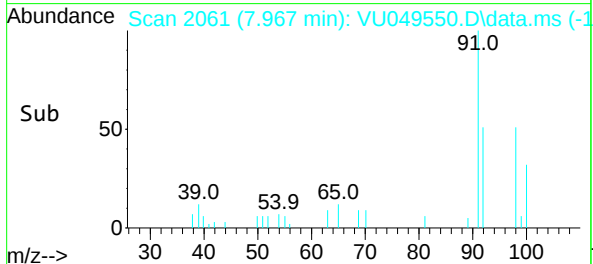
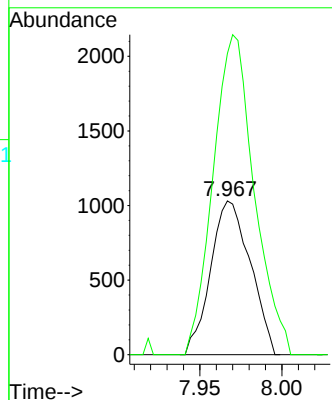
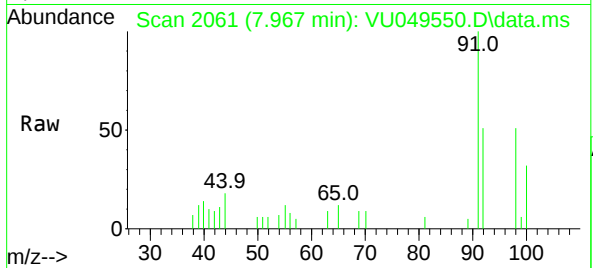




#52
Toluene
Concen: 0.215 ug/l
RT: 7.967 min Scan# 2062
Delta R.T. -0.003 min
Lab File: VU049550.D
Acq: 30 Jun 2022 07:03

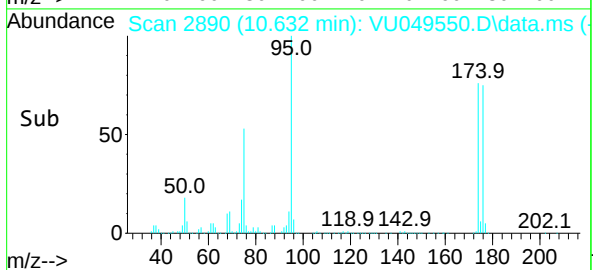
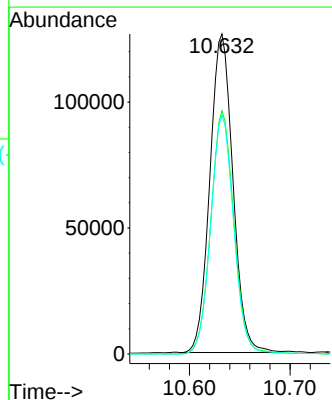
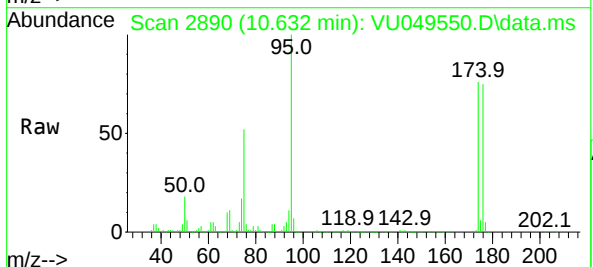
Instrument :
MSVOA_U
ClientSampleId :
31535-WATER

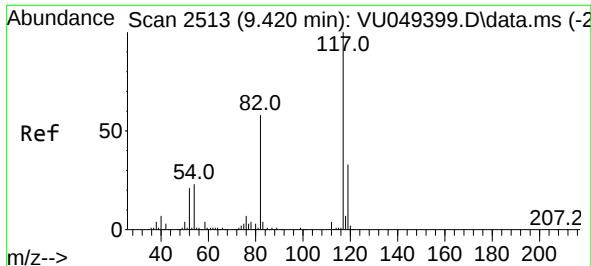
Tgt Ion: 92 Resp: 1732
Ion Ratio Lower Upper
92 100
91 215.6 138.2 207.4#



#62
4-Bromofluorobenzene
Concen: 47.656 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049550.D
Acq: 30 Jun 2022 07:03

Tgt Ion: 95 Resp: 201579
Ion Ratio Lower Upper
95 100
174 76.9 0.0 182.0
176 74.9 0.0 177.8

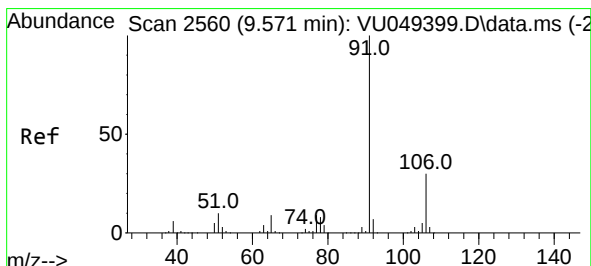
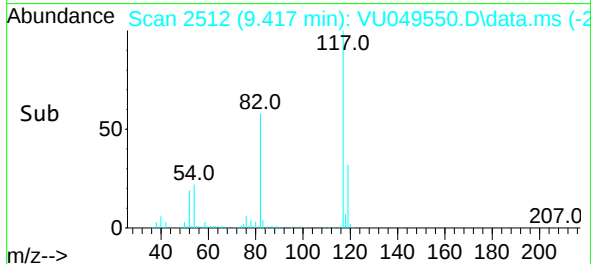
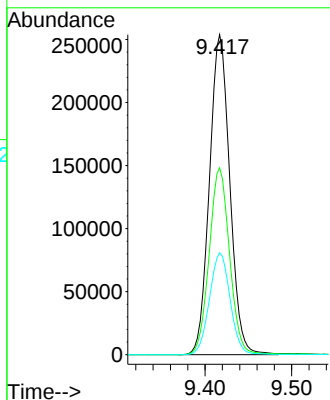
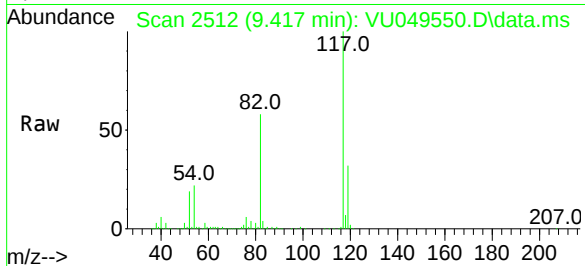




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049550.D
Acq: 30 Jun 2022 07:03

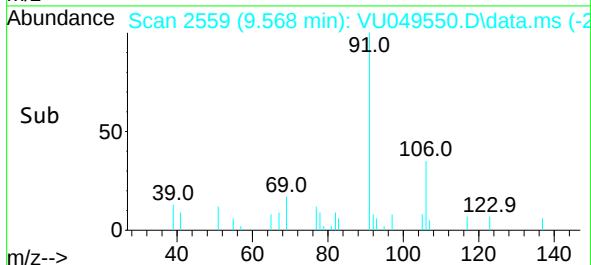
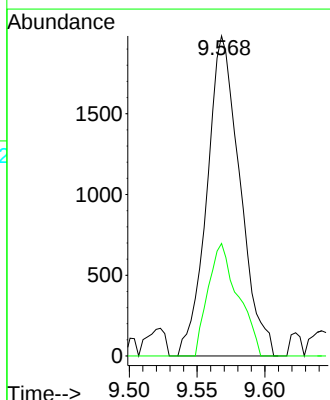
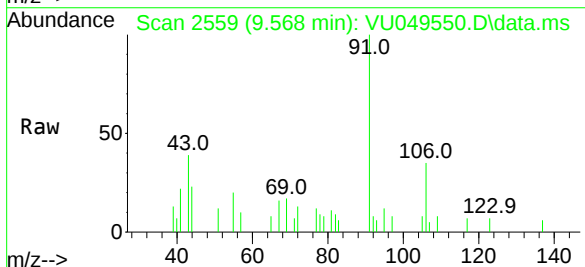
Instrument :
MSVOA_U
ClientSampleId :
31535-WATER

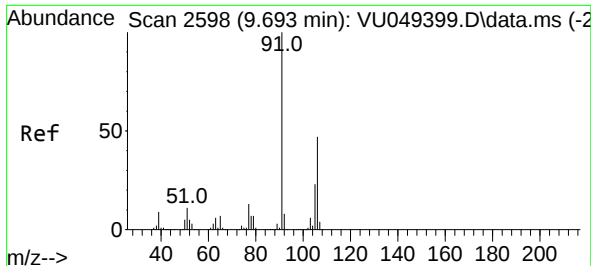
Tgt Ion:117 Resp: 414735
Ion Ratio Lower Upper
117 100
82 58.4 41.7 62.5
119 31.9 25.7 38.5



#67
Ethyl Benzene
Concen: 0.215 ug/l
RT: 9.568 min Scan# 2559
Delta R.T. -0.003 min
Lab File: VU049550.D
Acq: 30 Jun 2022 07:03

Tgt Ion: 91 Resp: 3352
Ion Ratio Lower Upper
91 100
106 35.2 25.6 38.4

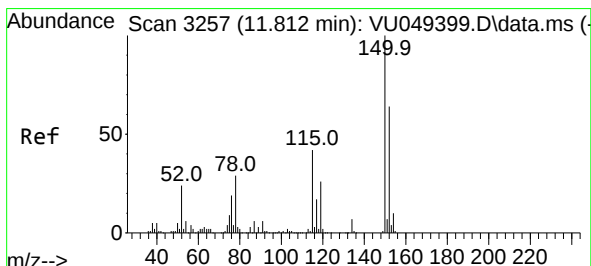
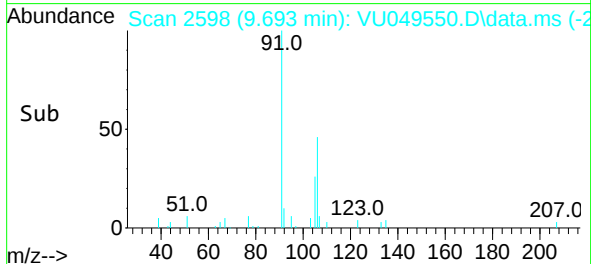
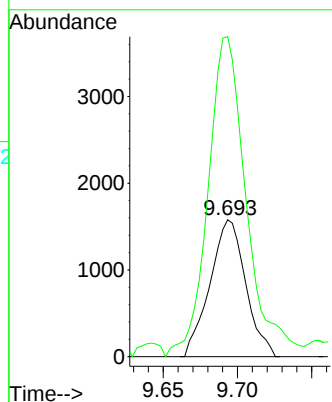
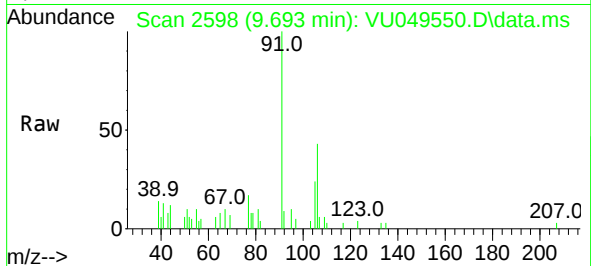




#68
m/p-Xylenes
Concen: 0.458 ug/l
RT: 9.693 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049550.D
Acq: 30 Jun 2022 07:03

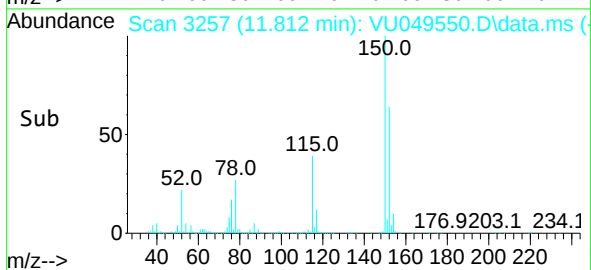
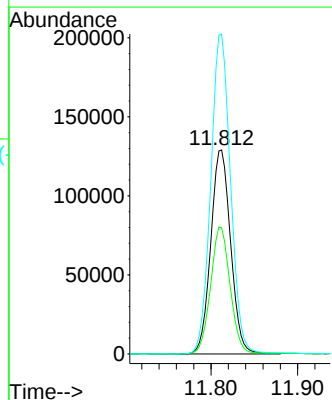
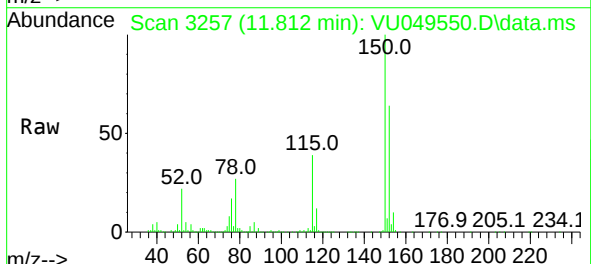
Instrument :
MSVOA_U
ClientSampleId :
31535-WATER

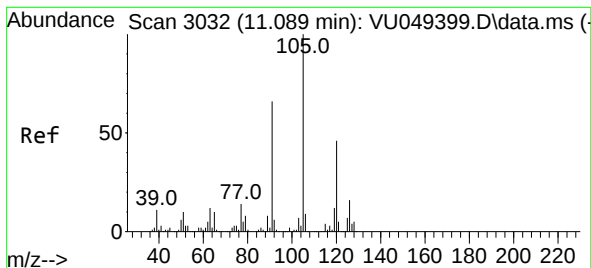
Tgt Ion:106 Resp: 2637
Ion Ratio Lower Upper
106 100
91 250.9 157.2 235.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.000 min
Lab File: VU049550.D
Acq: 30 Jun 2022 07:03

Tgt Ion:152 Resp: 206122
Ion Ratio Lower Upper
152 100
115 61.4 37.0 110.9
150 156.3 0.0 342.2





#80

1,3,5-Trimethylbenzene

Concen: 0.649 ug/l

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU049550.D

Acq: 30 Jun 2022 07:03

Instrument :

MSVOA_U

ClientSampleId :

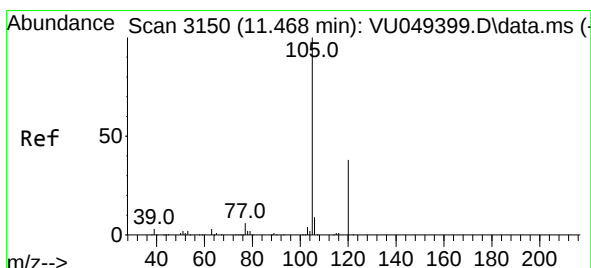
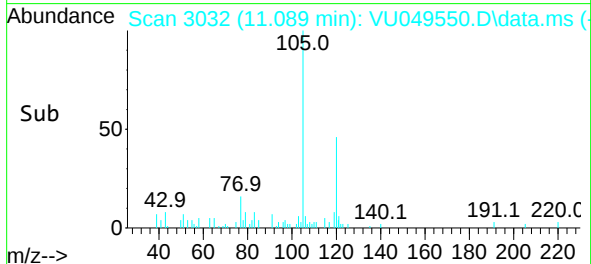
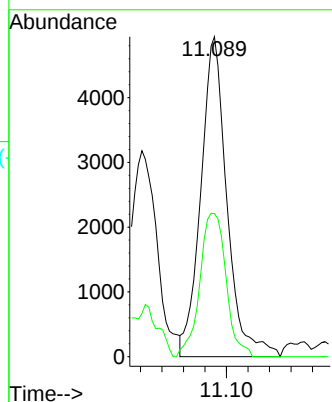
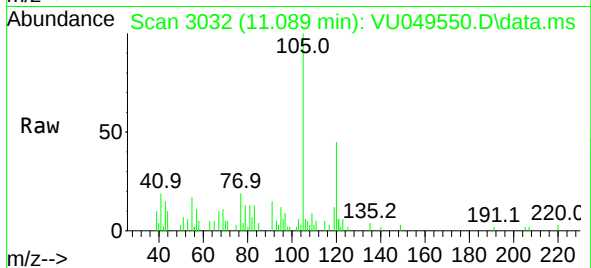
31535-WATER

Tgt Ion:105 Resp: 8313

Ion Ratio Lower Upper

105 100

120 45.0 25.3 75.9



#84

1,2,4-Trimethylbenzene

Concen: 0.509 ug/l

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU049550.D

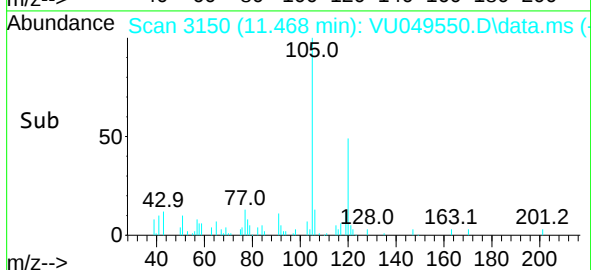
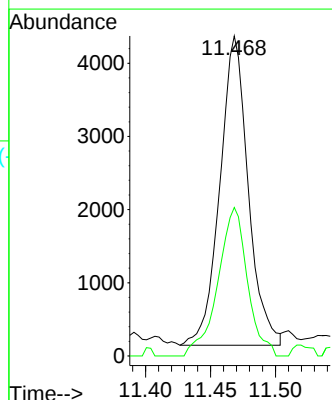
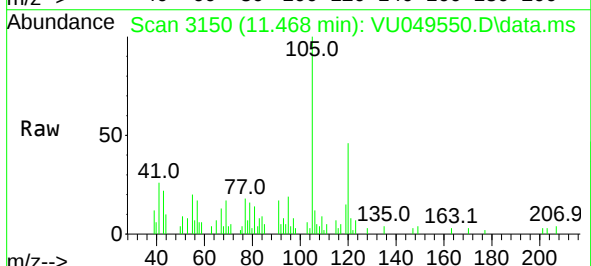
Acq: 30 Jun 2022 07:03

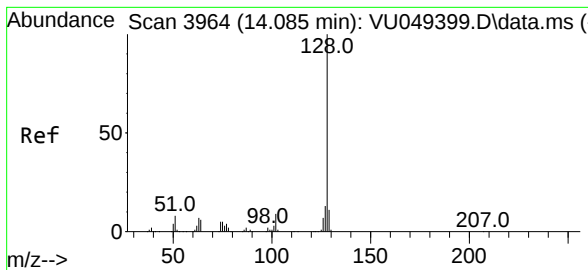
Tgt Ion:105 Resp: 6412

Ion Ratio Lower Upper

105 100

120 49.8 23.4 70.3





#95
 Naphthalene
 Concen: 4.530 ug/l
 RT: 14.085 min Scan# 3964
 Delta R.T. 0.000 min
 Lab File: VU049550.D
 Acq: 30 Jun 2022 07:03

Instrument :
 MSVOA_U
 ClientSampleId :
 31535-WATER

Tgt Ion:	128	Resp:	46704
Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.3	15.5
129	11.7	8.6	13.0

