

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062922\
 Data File : VU049539.D
 Acq On : 30 Jun 2022 02:45
 Operator : SY/MD
 Sample : N3522-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-TT-MW149I1-330-332

Quant Time: Jun 30 04:14:06 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)

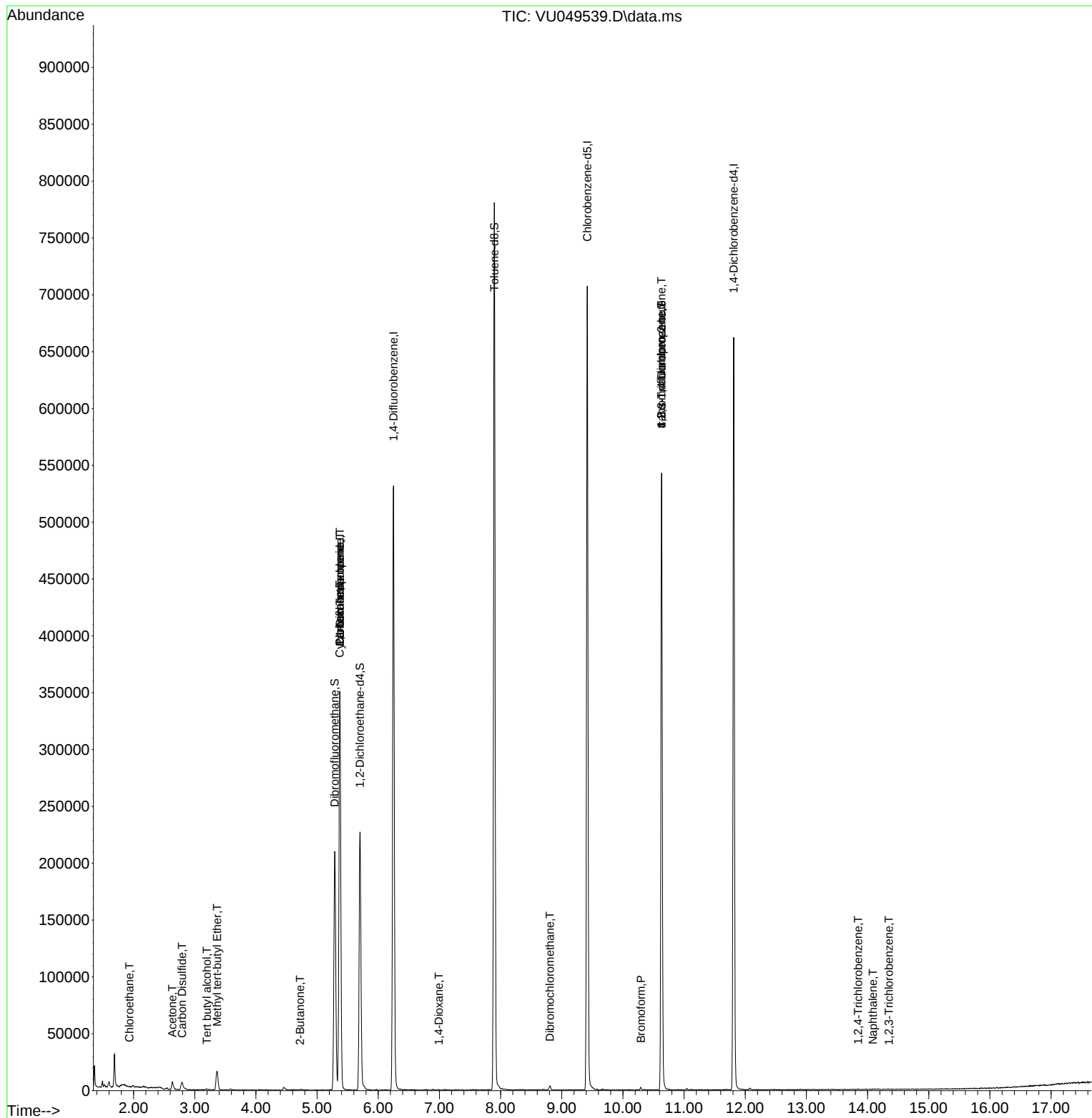
Internal Standards						
1) Pentafluorobenzene	5.372	168	243962	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	428354	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	390071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	174524	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	172397	45.885	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.760%		
35) Dibromofluoromethane	5.288	113	137308	45.817	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.640%		
50) Toluene-d8	7.899	98	516835	48.352	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.700%		
62) 4-Bromofluorobenzene	10.632	95	184128	44.968	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.940%		
Target Compounds						
						Qvalue
3) Chloromethane	1.520	50	1872	Below Cal		89
6) Chloroethane	1.932	64	63	1.949	ug/l #	44
11) Tert butyl alcohol	3.198	59	1173	1.334	ug/l #	37
16) Acetone	2.636	43	8640	4.560	ug/l	98
17) Carbon Disulfide	2.793	76	3973	0.481	ug/l #	87
19) Methyl tert-butyl Ether	3.366	73	19259	1.954	ug/l	99
25) 2-Butanone	4.723	43	978	0.344	ug/l #	45
31) Cyclohexane	5.369	56	5244	0.930	ug/l #	8
36) 1,1-Dichloropropene	5.372	75	19736	4.542	ug/l #	48
38) Carbon Tetrachloride	5.372	117	24163	5.302	ug/l #	16
49) 1,4-Dioxane	6.989	88	192	1.838	ug/l #	30
60) Dibromochloromethane	8.809	129	1703	0.508	ug/l	98
71) Bromoform	10.295	173	1120	0.434	ug/l #	96
76) 1,2,3-Trichloropropane	10.632	75	95493	16.141	ug/l #	45
81) trans-1,4-Dichloro-2-b...	10.632	75	95493	59.606	ug/l #	15
93) 1,2,4-Trichlorobenzene	13.844	180	40	1.764	ug/l #	50
95) Naphthalene	14.085	128	150	1.747	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.346	180	81	1.197	ug/l #	51

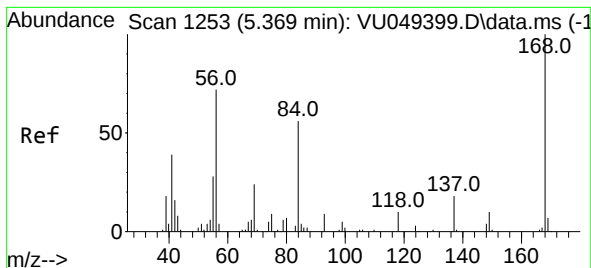
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BP-TT-MW149I1-330-332

Quant Time: Jun 30 04:14:06 2022
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Quant Title : SW846 8260
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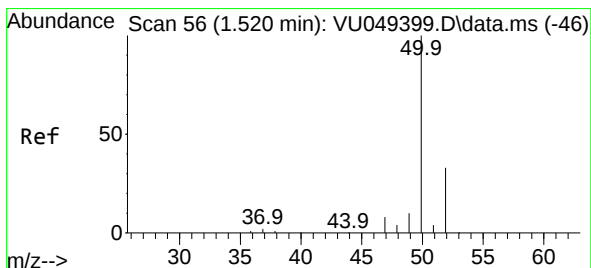
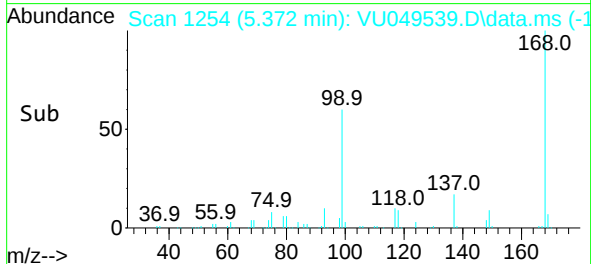
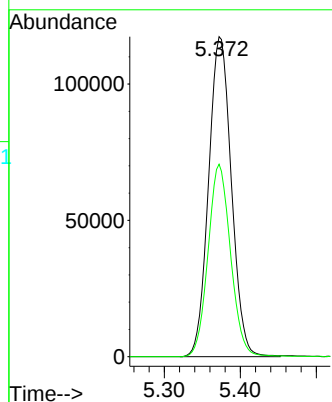
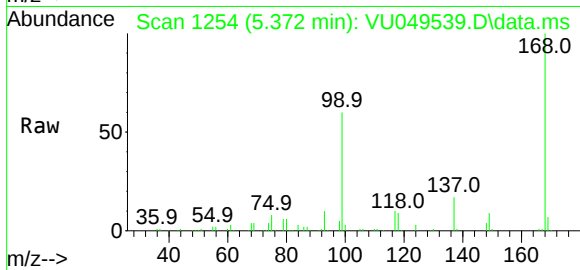




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049539.D
Acq: 30 Jun 2022 02:45

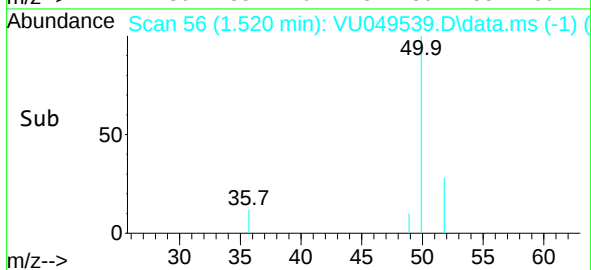
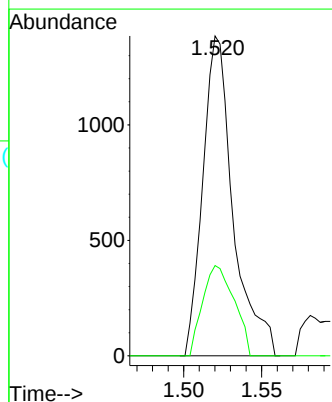
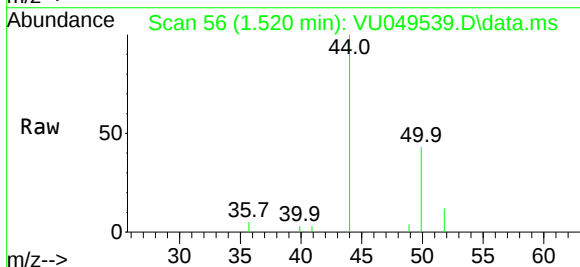
Instrument :
MSVOA_U
ClientSampleId :
BP-TT-MW149I1-330-332

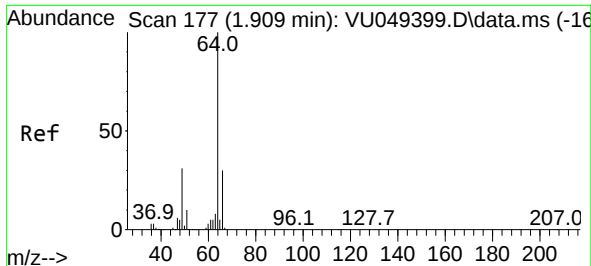
Tgt Ion:168 Resp: 243962
Ion Ratio Lower Upper
168 100
99 60.1 39.3 58.9#



#3
Chloromethane
Concen: Below Cal
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU049539.D
Acq: 30 Jun 2022 02:45

Tgt Ion: 50 Resp: 1872
Ion Ratio Lower Upper
50 100
52 28.2 27.4 41.2

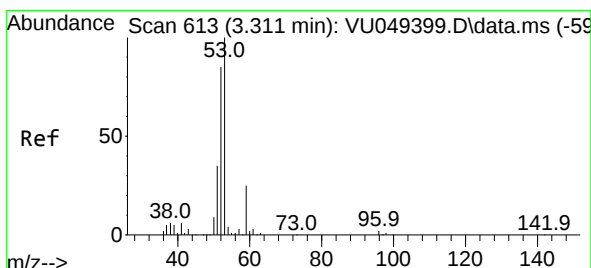
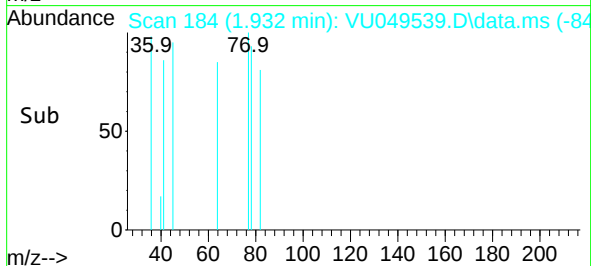
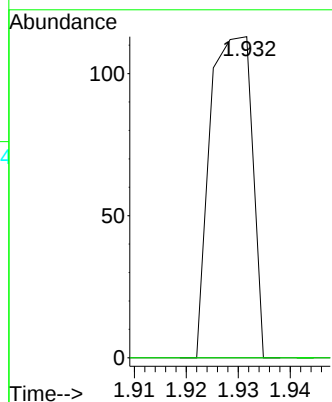
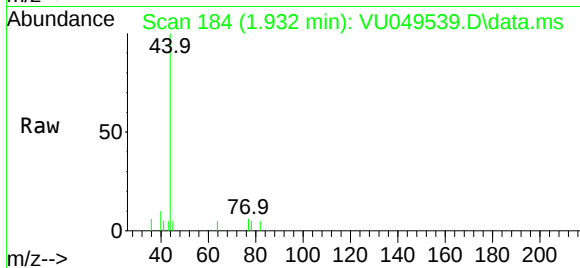




#6
Chloroethane
Concen: 1.949 ug/l
RT: 1.932 min Scan# 11
Delta R.T. 0.023 min
Lab File: VU049539.D
Acq: 30 Jun 2022 02:45

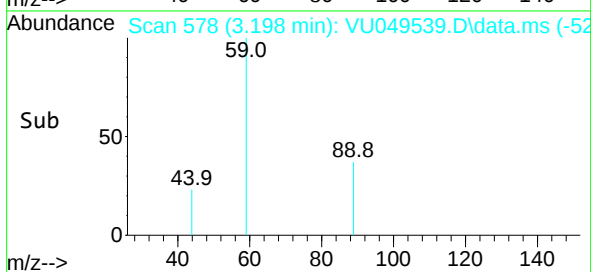
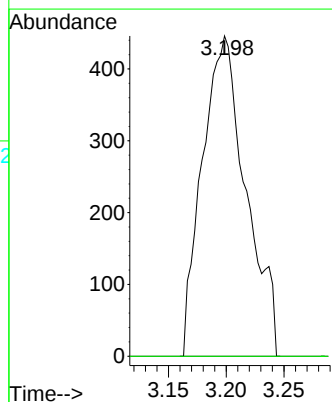
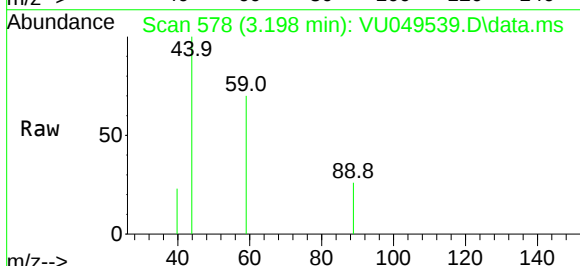
Instrument :
MSVOA_U
ClientSampleId :
BP-TT-MW14911-330-332

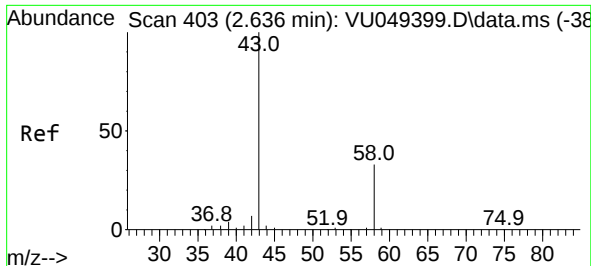
Tgt Ion: 64 Resp: 63
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#11
Tert butyl alcohol
Concen: 1.334 ug/l
RT: 3.198 min Scan# 578
Delta R.T. -0.113 min
Lab File: VU049539.D
Acq: 30 Jun 2022 02:45

Tgt Ion: 59 Resp: 1173
Ion Ratio Lower Upper
59 100
57 0.0 30.6 45.8#





#16

Acetone

Concen: 4.560 ug/l

RT: 2.636 min Scan# 403

Delta R.T. 0.000 min

Lab File: VU049539.D

Acq: 30 Jun 2022 02:45

Instrument :

MSVOA_U

ClientSampleId :

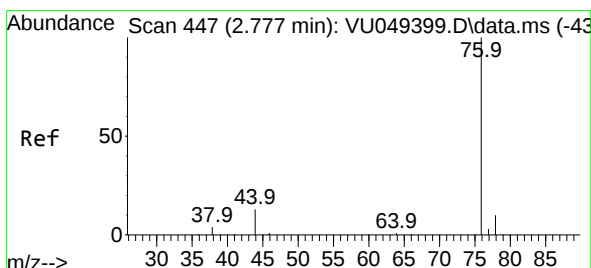
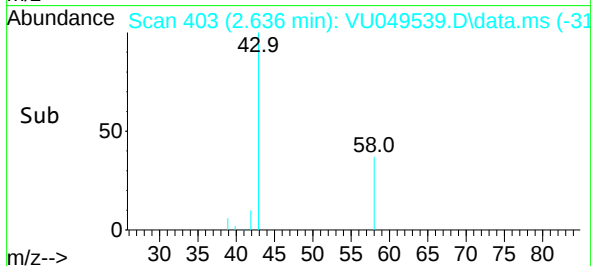
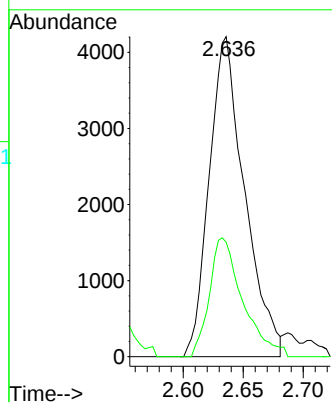
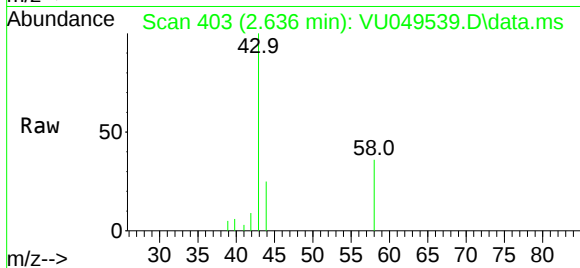
BP-TT-MW14911-330-332

Tgt Ion: 43 Resp: 8640

Ion Ratio Lower Upper

43 100

58 35.8 27.5 41.3



#17

Carbon Disulfide

Concen: 0.481 ug/l

RT: 2.793 min Scan# 452

Delta R.T. 0.016 min

Lab File: VU049539.D

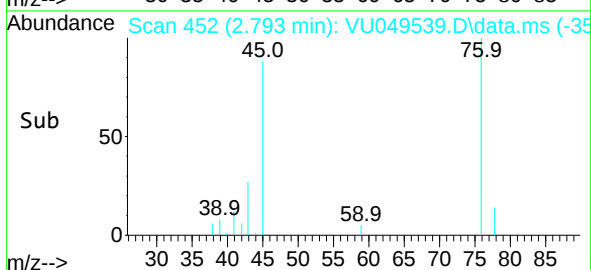
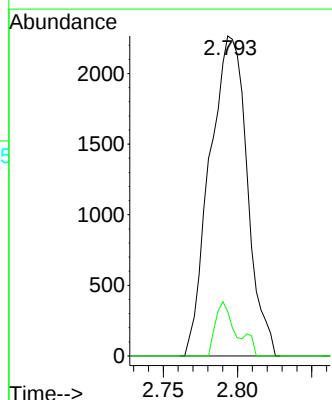
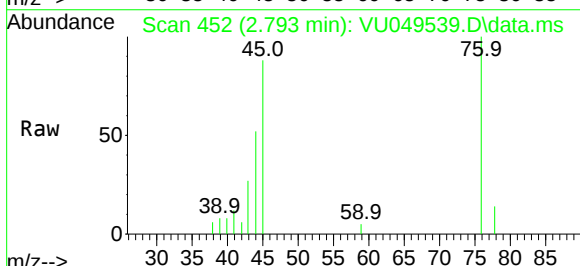
Acq: 30 Jun 2022 02:45

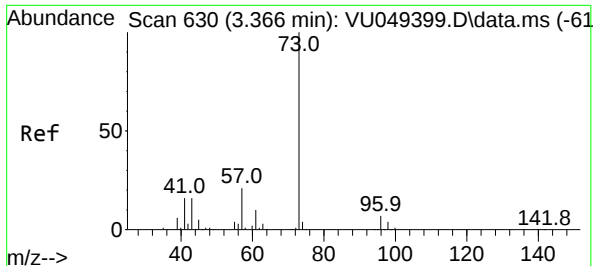
Tgt Ion: 76 Resp: 3973

Ion Ratio Lower Upper

76 100

78 13.9 7.3 10.9#





#19

Methyl tert-butyl Ether

Concen: 1.954 ug/l

RT: 3.366 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU049539.D

Acq: 30 Jun 2022 02:45

Instrument :

MSVOA_U

ClientSampleId :

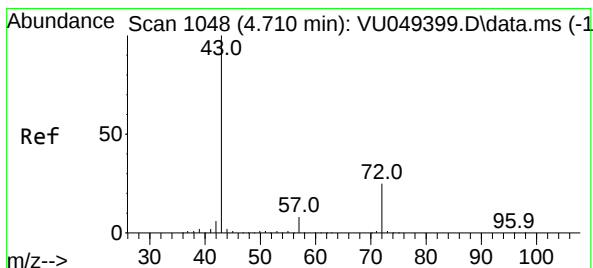
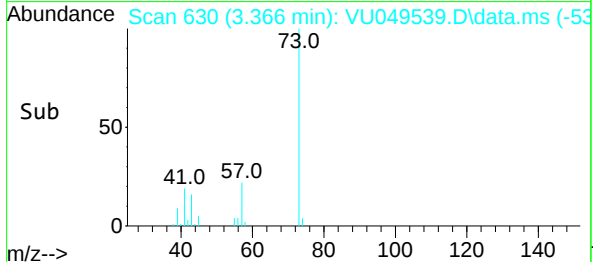
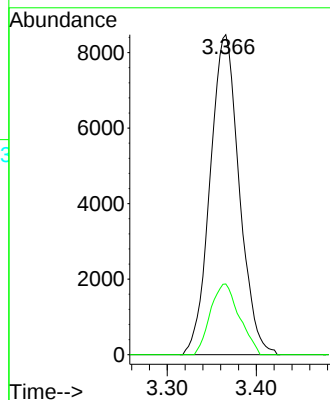
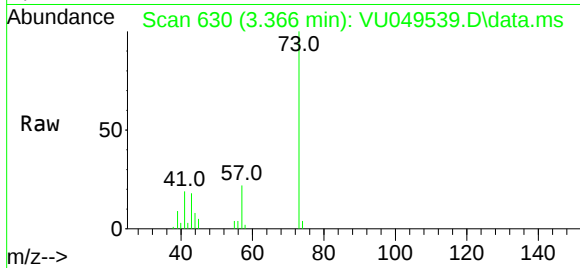
BP-TT-MW149I1-330-332

Tgt Ion: 73 Resp: 19259

Ion Ratio Lower Upper

73 100

57 22.1 17.1 25.7



#25

2-Butanone

Concen: 0.344 ug/l

RT: 4.723 min Scan# 1052

Delta R.T. 0.013 min

Lab File: VU049539.D

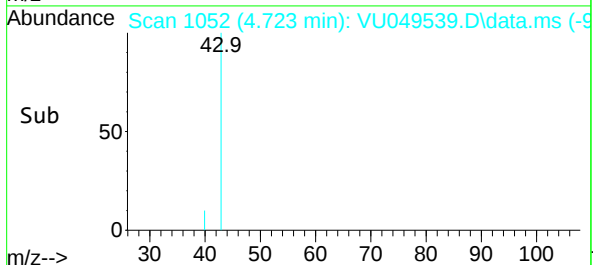
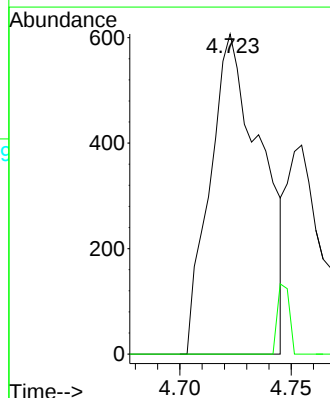
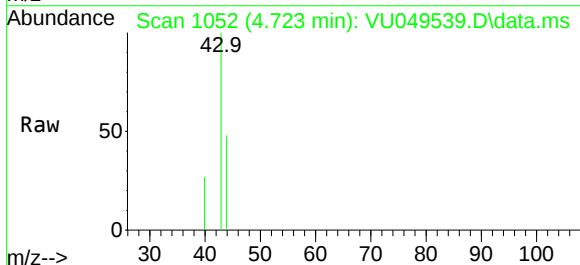
Acq: 30 Jun 2022 02:45

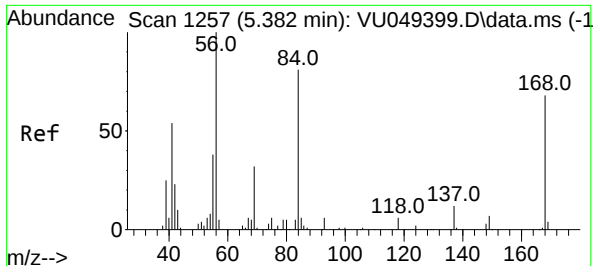
Tgt Ion: 43 Resp: 978

Ion Ratio Lower Upper

43 100

72 0.0 23.8 35.6#

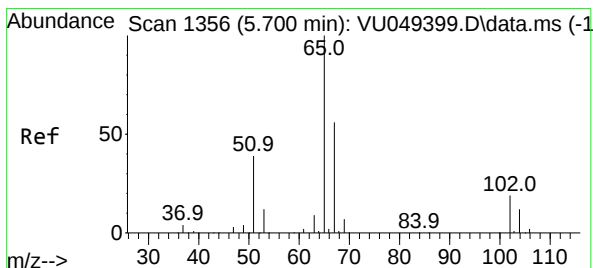
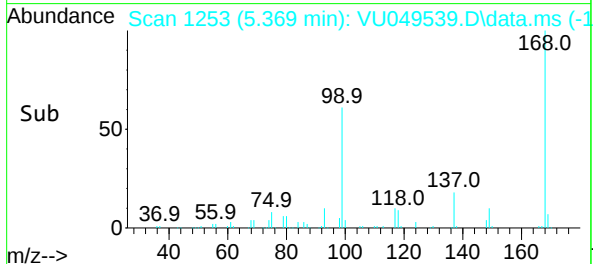
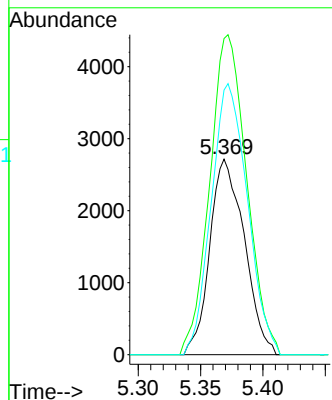
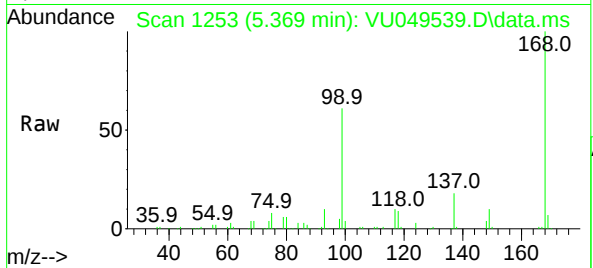




#31
Cyclohexane
Concen: 0.930 ug/l
RT: 5.369 min Scan# 1253
Delta R.T. -0.013 min
Lab File: VU049539.D
Acq: 30 Jun 2022 02:45

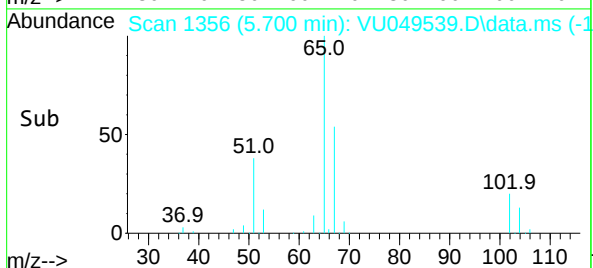
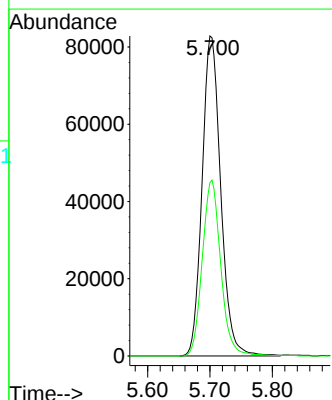
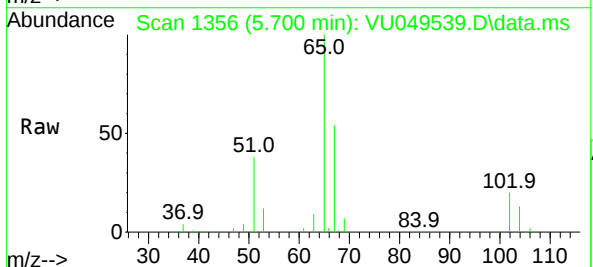
Instrument :
MSVOA_U
ClientSampleId :
BP-TT-MW149I1-330-332

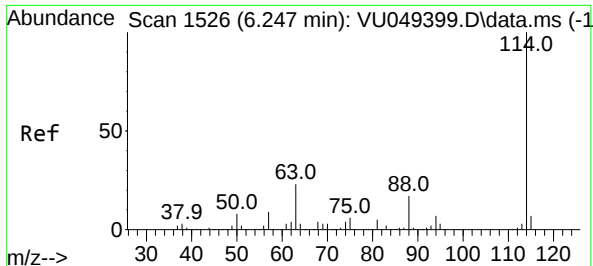
Tgt Ion: 56 Resp: 5244
Ion Ratio Lower Upper
56 100
69 161.7 27.8 41.8#
84 135.4 74.2 111.4#



#33
1,2-Dichloroethane-d4
Concen: 45.885 ug/l
RT: 5.700 min Scan# 1356
Delta R.T. 0.000 min
Lab File: VU049539.D
Acq: 30 Jun 2022 02:45

Tgt Ion: 65 Resp: 172397
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: VU049539.D

Acq: 30 Jun 2022 02:45

Instrument :

MSVOA_U

ClientSampleId :

BP-TT-MW149I1-330-332

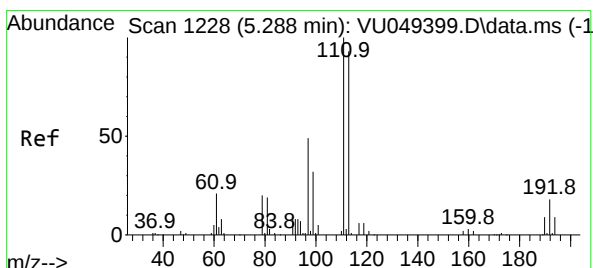
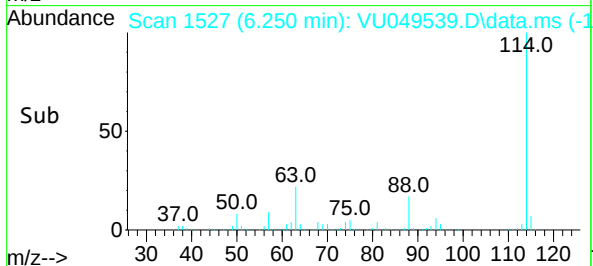
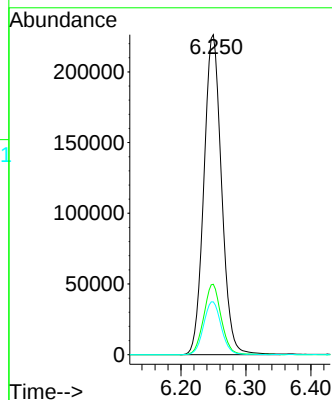
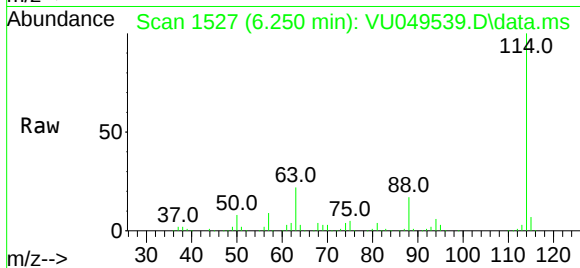
Tgt Ion:114 Resp: 428354

Ion Ratio Lower Upper

114 100

63 22.0 0.0 37.8

88 16.5 0.0 29.2



#35

Dibromofluoromethane

Concen: 45.817 ug/l

RT: 5.288 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VU049539.D

Acq: 30 Jun 2022 02:45

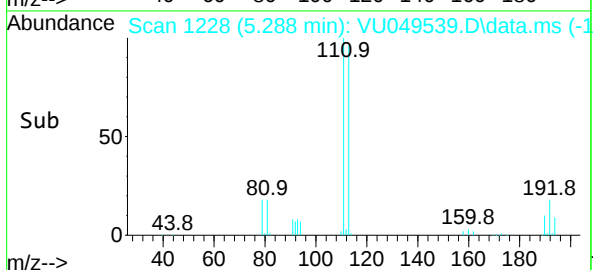
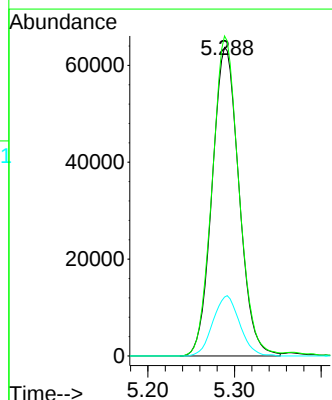
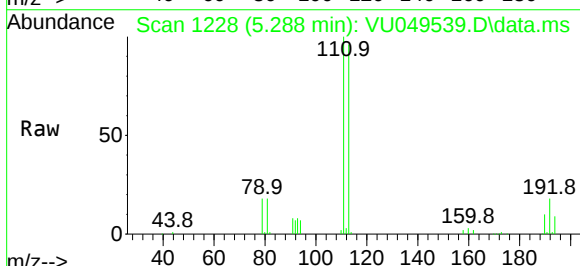
Tgt Ion:113 Resp: 137308

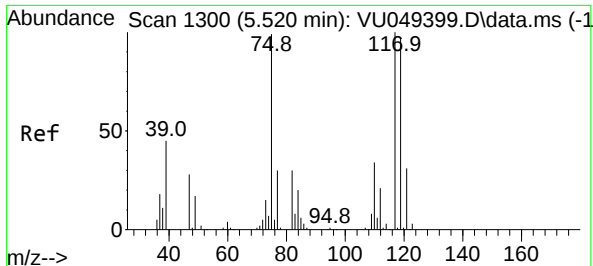
Ion Ratio Lower Upper

113 100

111 102.6 82.1 123.1

192 19.4 18.0 27.0

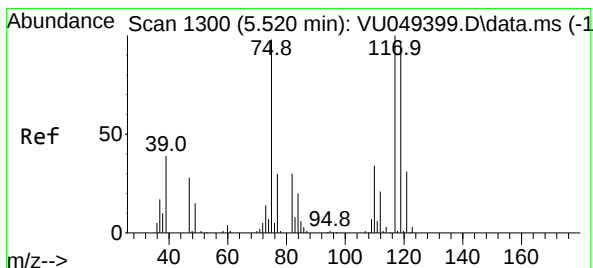
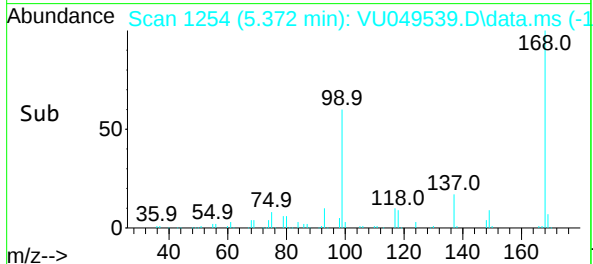
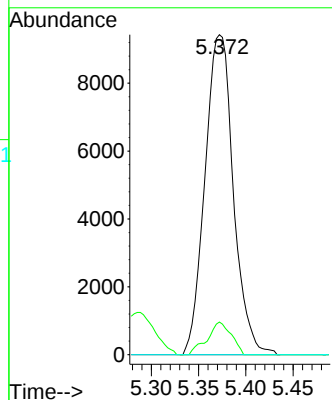
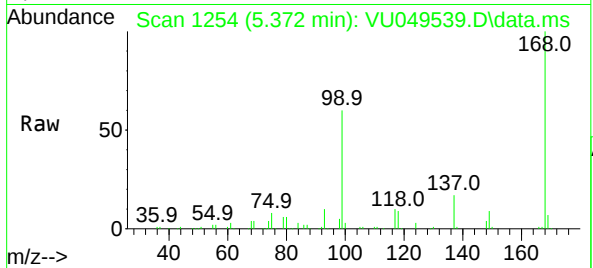




#36
1,1-Dichloropropene
Concen: 4.542 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.148 min
Lab File: VU049539.D
Acq: 30 Jun 2022 02:45

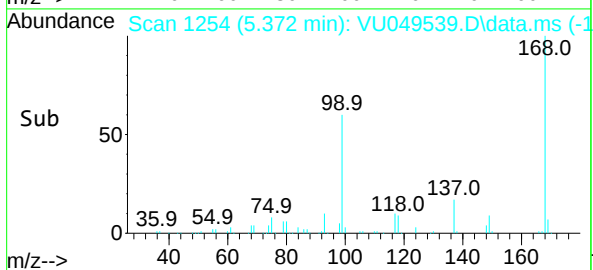
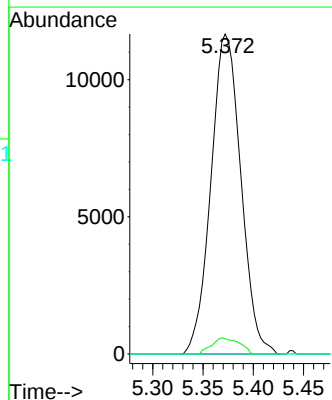
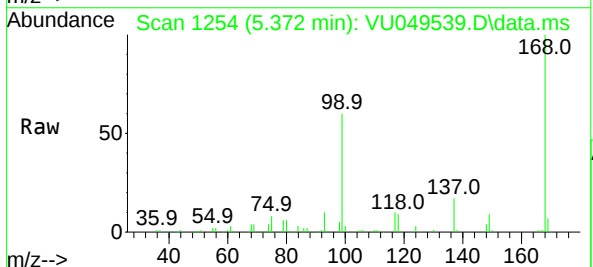
Instrument :
MSVOA_U
ClientSampleId :
BP-TT-MW149I1-330-332

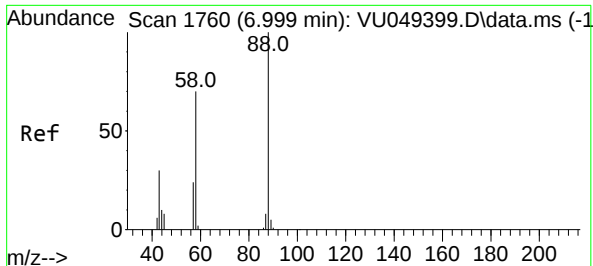
Tgt Ion: 75 Resp: 19736
Ion Ratio Lower Upper
75 100
110 8.6 18.4 55.2#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.302 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.148 min
Lab File: VU049539.D
Acq: 30 Jun 2022 02:45

Tgt Ion: 117 Resp: 24163
Ion Ratio Lower Upper
117 100
119 4.7 76.8 115.2#
121 0.0 24.7 37.1#





#49

1,4-Dioxane

Concen: 1.838 ug/l

RT: 6.989 min Scan# 1

Delta R.T. -0.010 min

Lab File: VU049539.D

Acq: 30 Jun 2022 02:45

Instrument :

MSVOA_U

ClientSampleId :

BP-TT-MW149I1-330-332

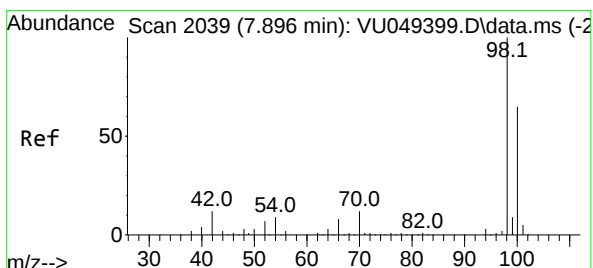
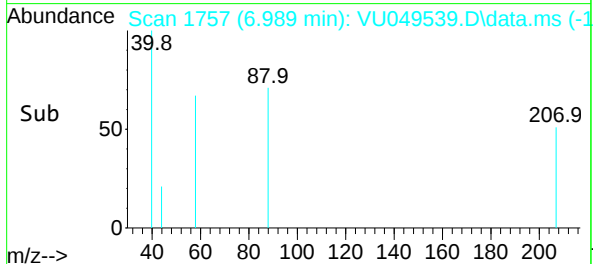
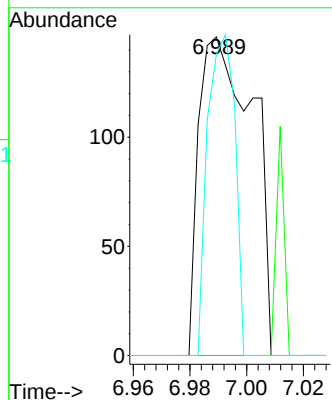
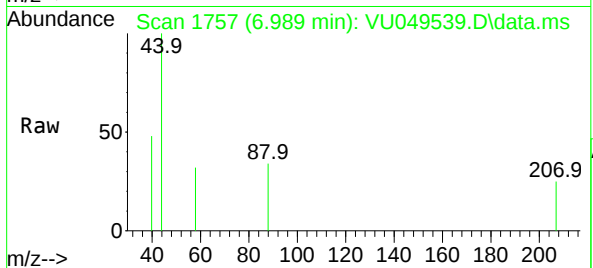
Tgt Ion: 88 Resp: 192

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 51.0 15.4 23.0#



#50

Toluene-d8

Concen: 48.352 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. 0.003 min

Lab File: VU049539.D

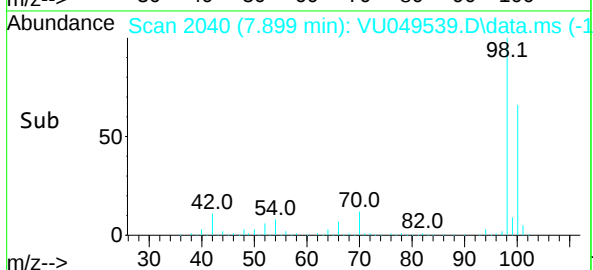
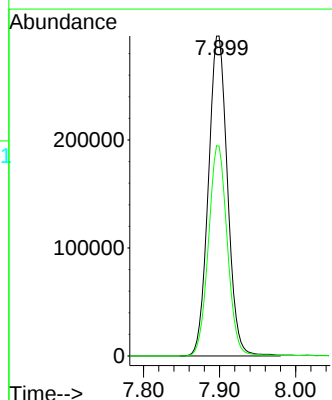
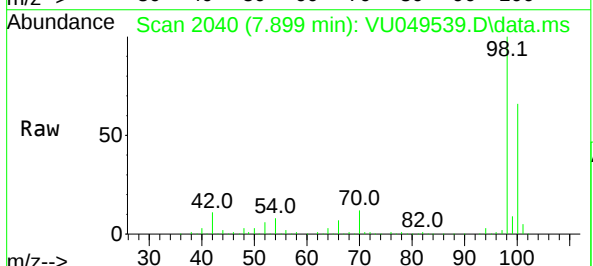
Acq: 30 Jun 2022 02:45

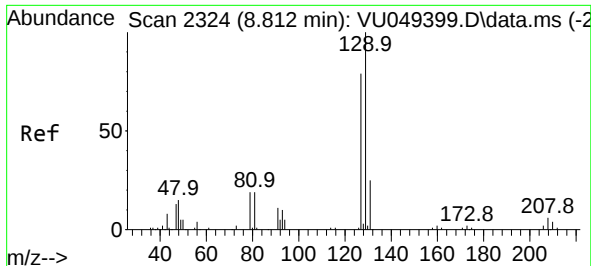
Tgt Ion: 98 Resp: 516835

Ion Ratio Lower Upper

98 100

100 65.1 51.7 77.5

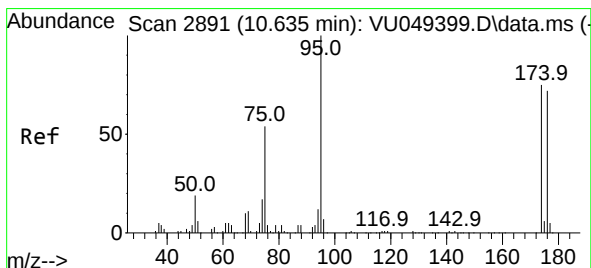
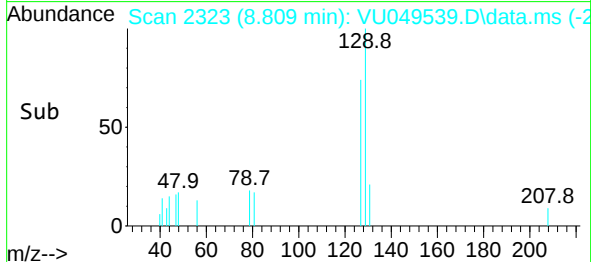
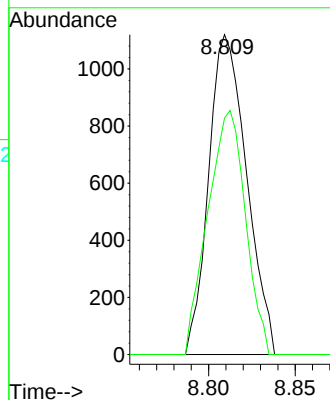
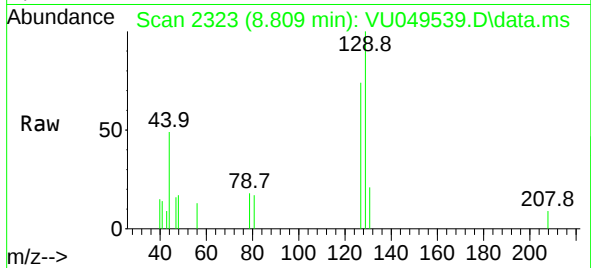




#60
Dibromochloromethane
Concen: 0.508 ug/l
RT: 8.809 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049539.D
Acq: 30 Jun 2022 02:45

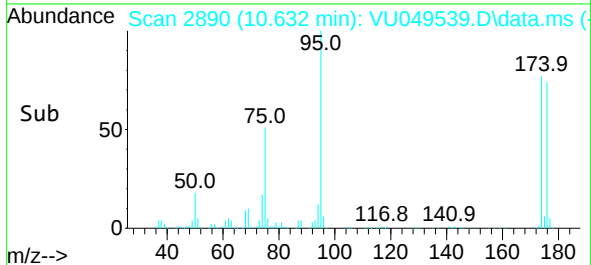
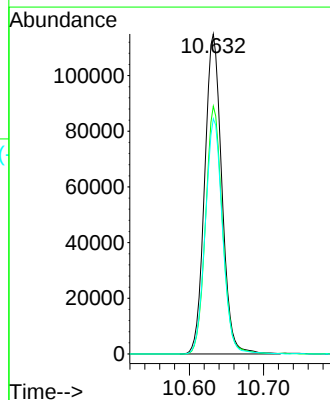
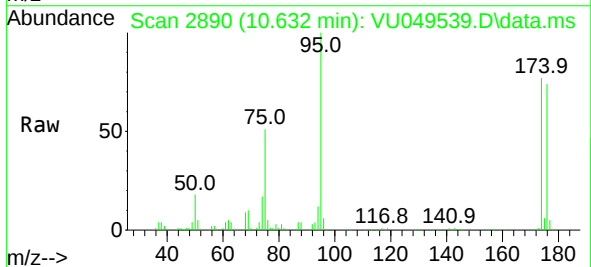
Instrument :
MSVOA_U
ClientSampleId :
BP-TT-MW149I1-330-332

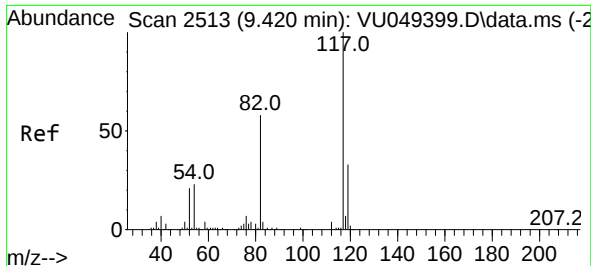
Tgt Ion:129 Resp: 1703
Ion Ratio Lower Upper
129 100
127 75.9 38.6 116.0



#62
4-Bromofluorobenzene
Concen: 44.968 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049539.D
Acq: 30 Jun 2022 02:45

Tgt Ion: 95 Resp: 184128
Ion Ratio Lower Upper
95 100
174 76.0 0.0 182.0
176 73.7 0.0 177.8

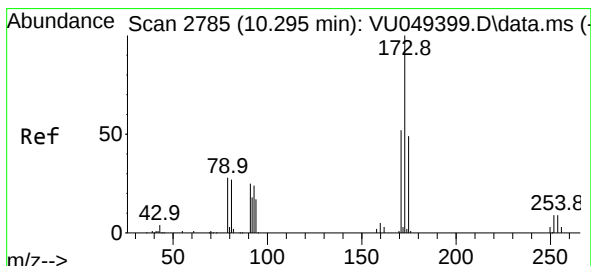
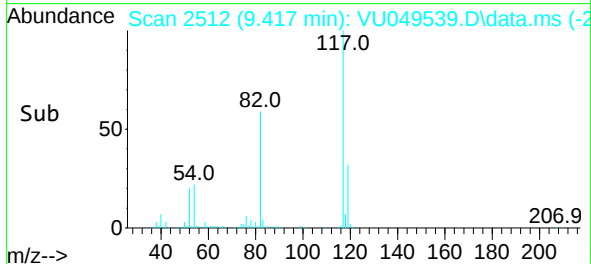
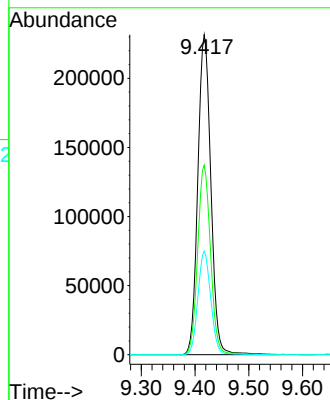
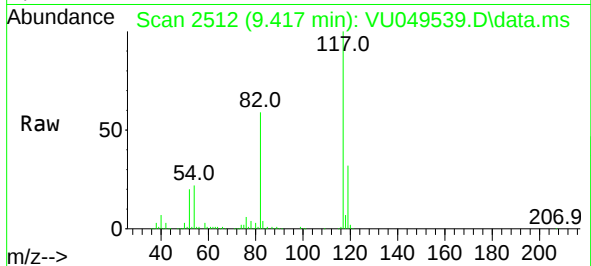




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049539.D
Acq: 30 Jun 2022 02:45

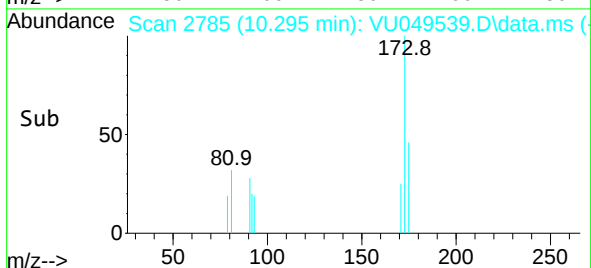
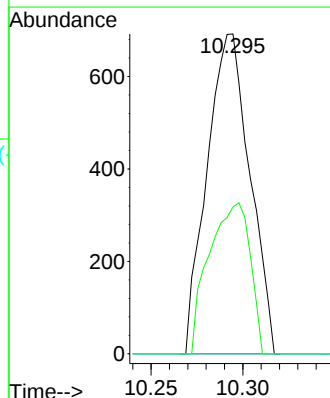
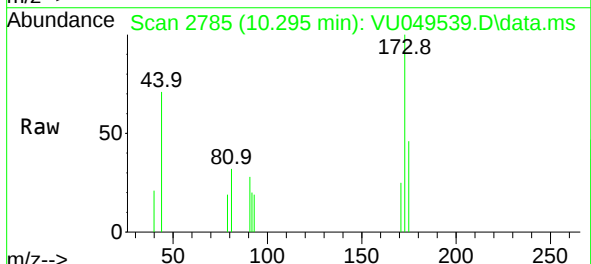
Instrument :
MSVOA_U
ClientSampleId :
BP-TT-MW14911-330-332

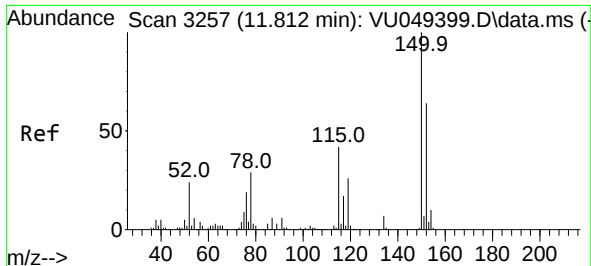
Tgt Ion:117 Resp: 390071
Ion Ratio Lower Upper
117 100
82 59.2 41.7 62.5
119 32.4 25.7 38.5



#71
Bromoform
Concen: 0.434 ug/l
RT: 10.295 min Scan# 2785
Delta R.T. 0.000 min
Lab File: VU049539.D
Acq: 30 Jun 2022 02:45

Tgt Ion:173 Resp: 1120
Ion Ratio Lower Upper
173 100
175 45.3 24.1 72.2
254 0.0 0.1 0.1#

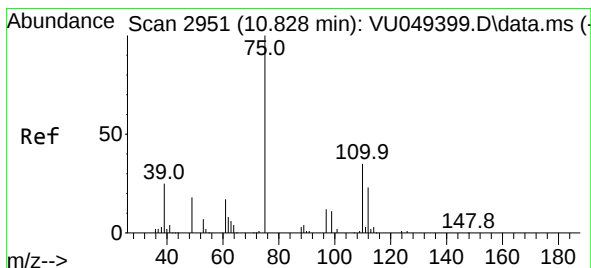
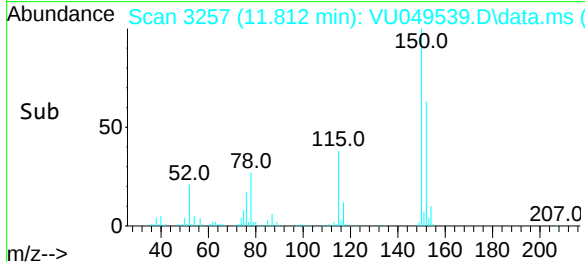
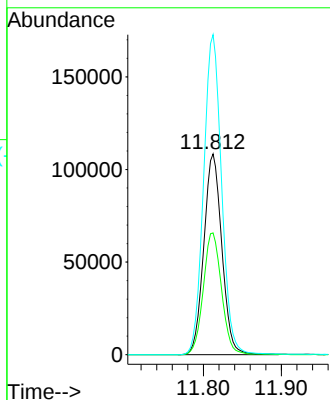
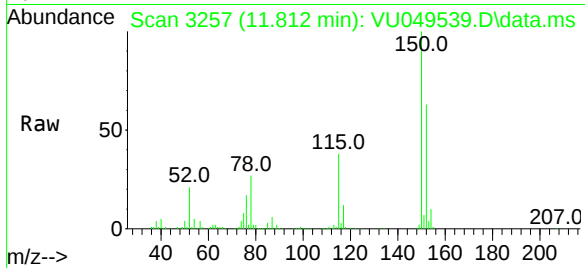




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU049539.D
Acq: 30 Jun 2022 02:45

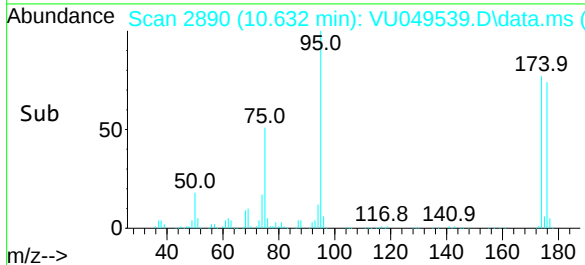
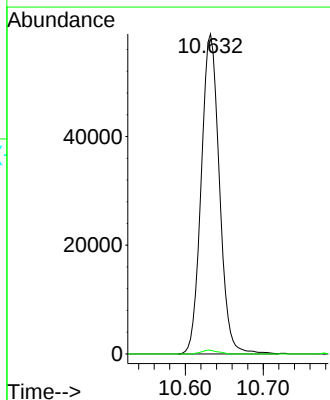
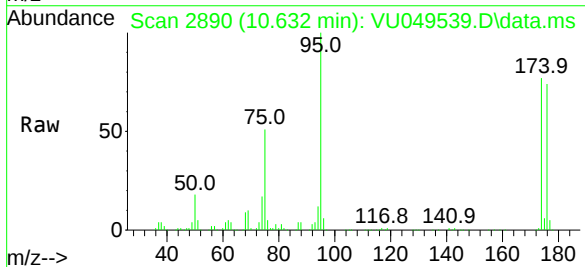
Instrument :
MSVOA_U
ClientSampleId :
BP-TT-MW149I1-330-332

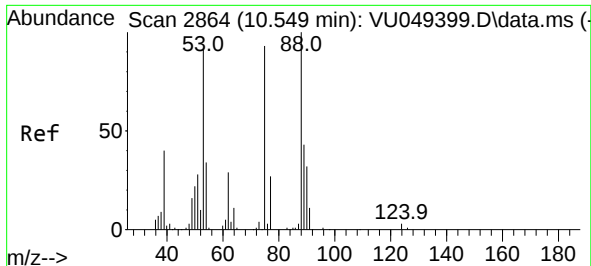
Tgt Ion:152 Resp: 174524
Ion Ratio Lower Upper
152 100
115 61.2 37.0 110.9
150 159.0 0.0 342.2



#76
1,2,3-Trichloropropane
Concen: 16.141 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.196 min
Lab File: VU049539.D
Acq: 30 Jun 2022 02:45

Tgt Ion: 75 Resp: 95493
Ion Ratio Lower Upper
75 100
77 1.1 15.8 47.3#

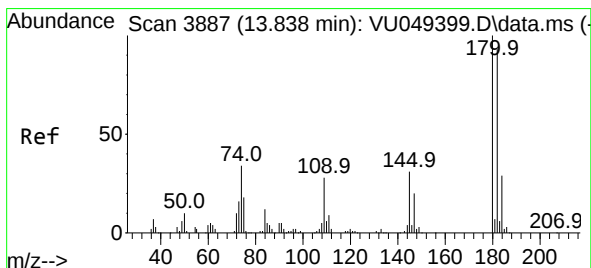
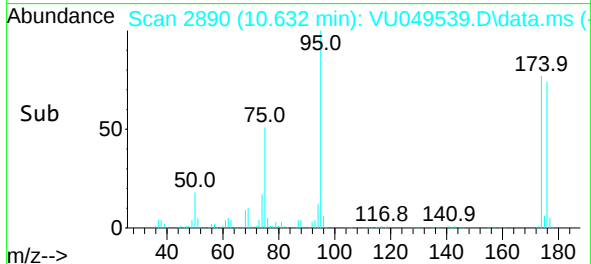
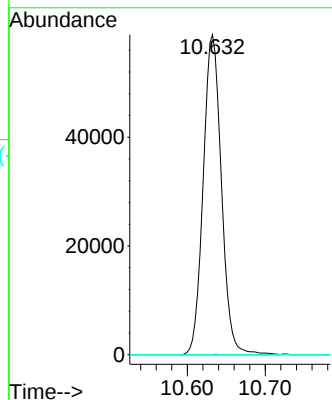
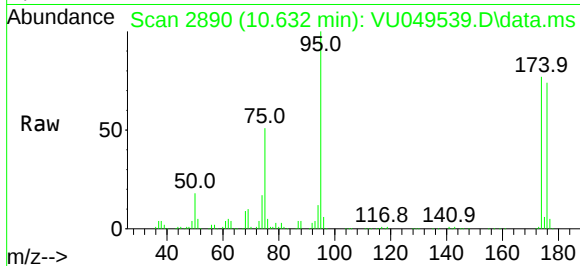




#81
trans-1,4-Dichloro-2-butene
Concen: 59.606 ug/l
RT: 10.632 min Scan# 21
Delta R.T. 0.084 min
Lab File: VU049539.D
Acq: 30 Jun 2022 02:45

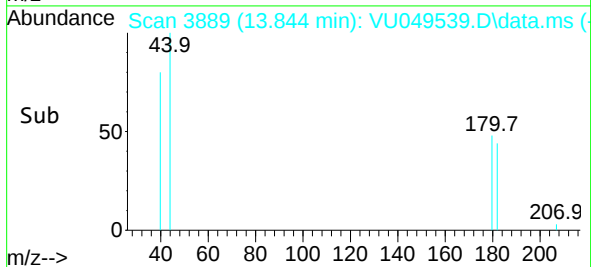
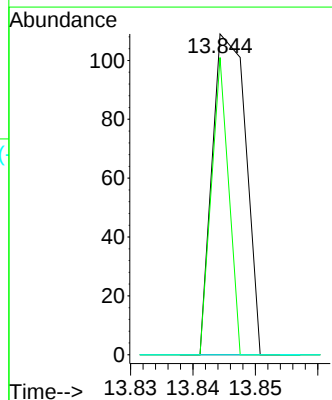
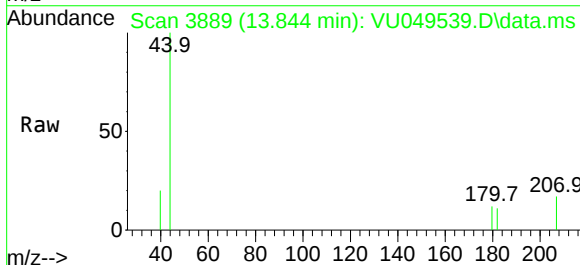
Instrument :
MSVOA_U
ClientSampleId :
BP-TT-MW14911-330-332

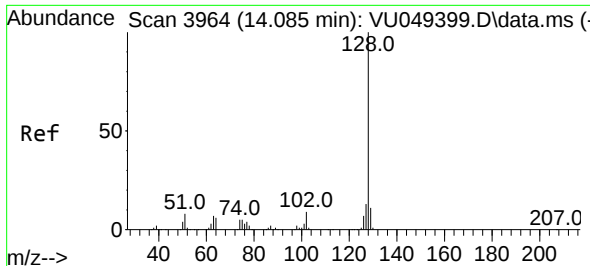
Tgt Ion: 75 Resp: 95493
Ion Ratio Lower Upper
75 100
53 0.0 69.2 103.8#
89 0.0 37.0 55.6#



#93
1,2,4-Trichlorobenzene
Concen: 1.764 ug/l
RT: 13.844 min Scan# 3889
Delta R.T. 0.006 min
Lab File: VU049539.D
Acq: 30 Jun 2022 02:45

Tgt Ion:180 Resp: 40
Ion Ratio Lower Upper
180 100
182 47.5 47.9 143.6#
145 0.0 14.0 41.9#

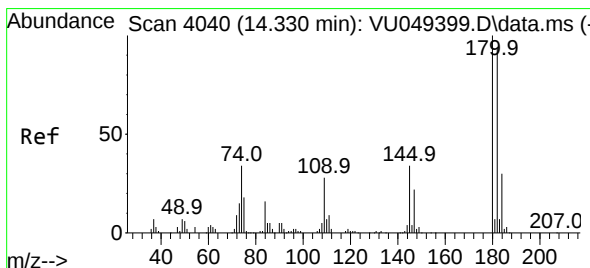
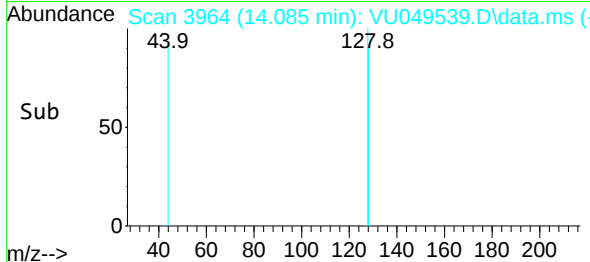
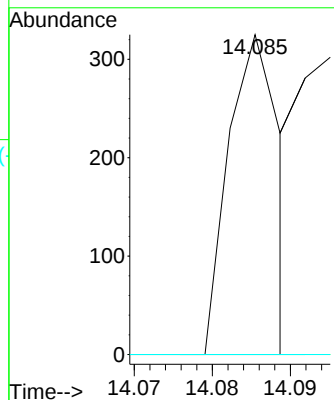
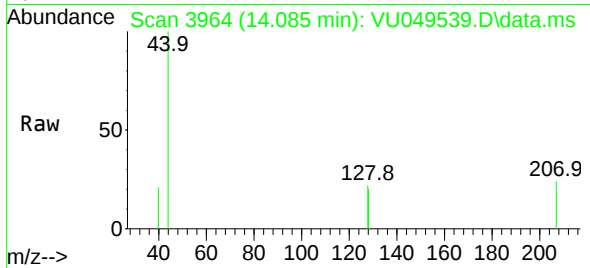




#95
Naphthalene
Concen: 1.747 ug/l
RT: 14.085 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU049539.D
Acq: 30 Jun 2022 02:45

Instrument :
MSVOA_U
ClientSampleId :
BP-TT-MW149I1-330-332

Tgt Ion:128 Resp: 150
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 1.197 ug/l
RT: 14.346 min Scan# 4045
Delta R.T. 0.016 min
Lab File: VU049539.D
Acq: 30 Jun 2022 02:45

Tgt Ion:180 Resp: 81
Ion Ratio Lower Upper
180 100
182 50.6 48.4 145.0
145 0.0 14.8 44.4#

