

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062922\
 Data File : VU049538.D
 Acq On : 30 Jun 2022 02:21
 Operator : SY/MD
 Sample : N3522-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 30 04:13:57 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)

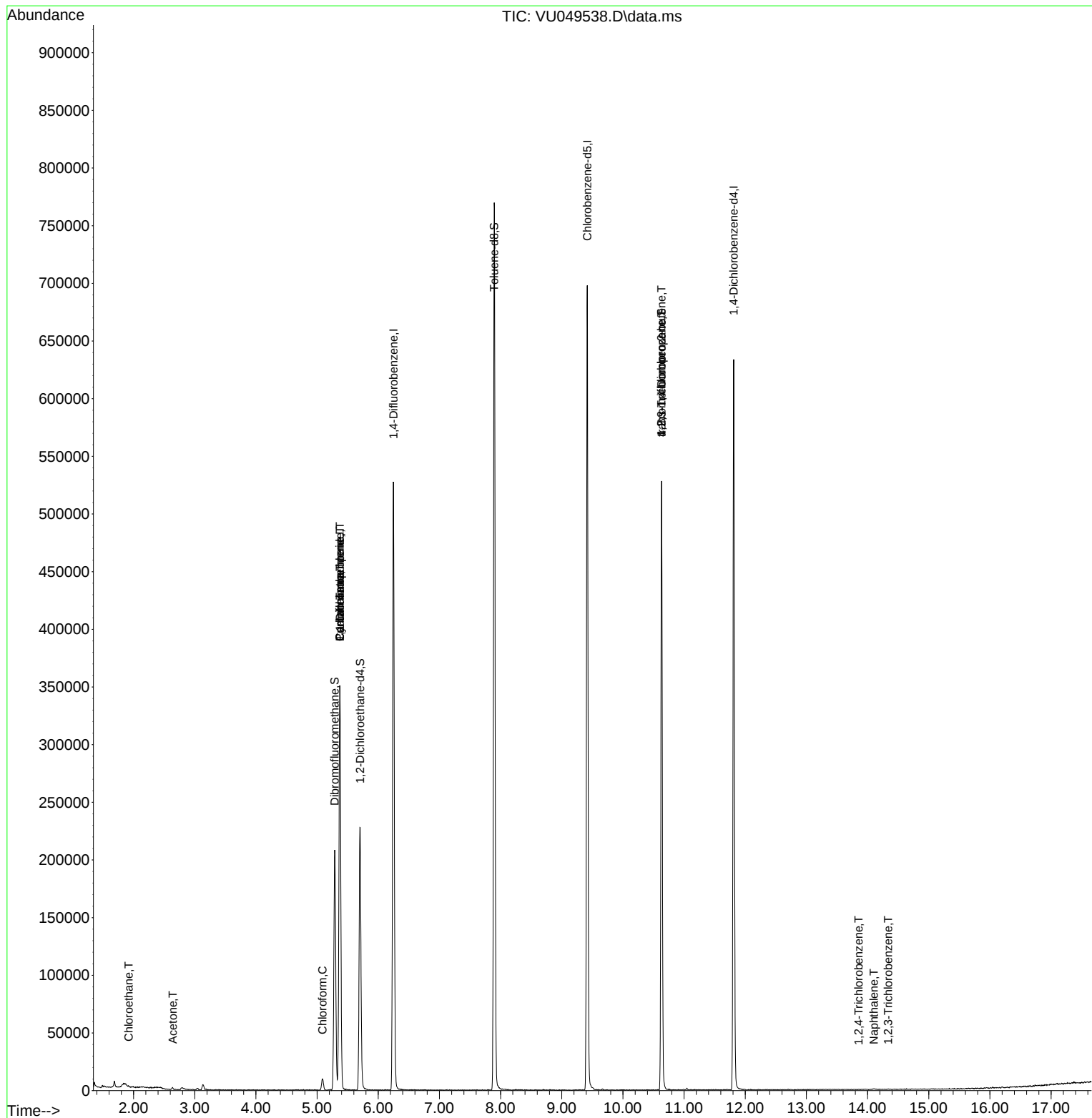
Internal Standards						
1) Pentafluorobenzene	5.372	168	244015	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	428436	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	382716	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	169011	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	171866	45.733	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.460%
35) Dibromofluoromethane	5.288	113	135482	45.199	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.400%
50) Toluene-d8	7.896	98	515868	48.252	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.500%
62) 4-Bromofluorobenzene	10.632	95	176723	43.151	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.300%
Target Compounds						
						Qvalue
3) Chloromethane	1.517	50	1407	Below Cal		92
6) Chloroethane	1.919	64	44	1.939	ug/l #	44
16) Acetone	2.642	43	1855	0.979	ug/l	92
20) Methylene Chloride	3.054	84	748	Below Cal	#	67
30) Chloroform	5.089	83	8788	1.512	ug/l	98
31) Cyclohexane	5.372	56	5183	0.919	ug/l #	1
36) 1,1-Dichloropropene	5.372	75	19610	4.512	ug/l #	45
38) Carbon Tetrachloride	5.372	117	24535	5.383	ug/l #	17
76) 1,2,3-Trichloropropane	10.632	75	90377	15.774	ug/l #	45
81) trans-1,4-Dichloro-2-b...	10.632	75	90377	58.253	ug/l #	15
93) 1,2,4-Trichlorobenzene	13.851	180	64	1.770	ug/l #	12
95) Naphthalene	14.102	128	1201	1.824	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.336	180	73	1.195	ug/l #	12

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

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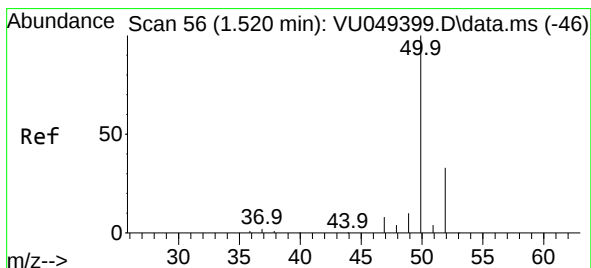
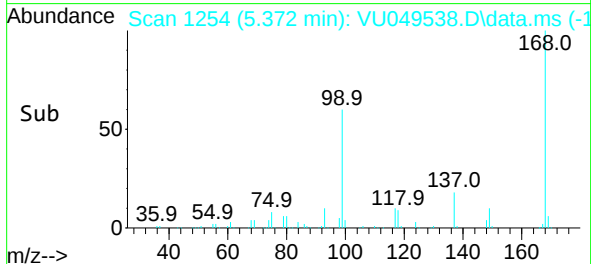
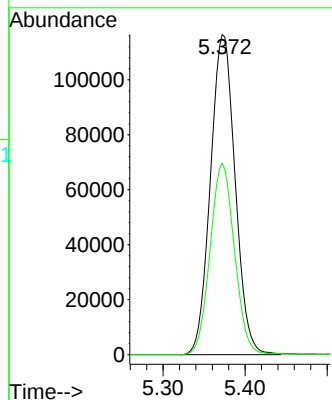
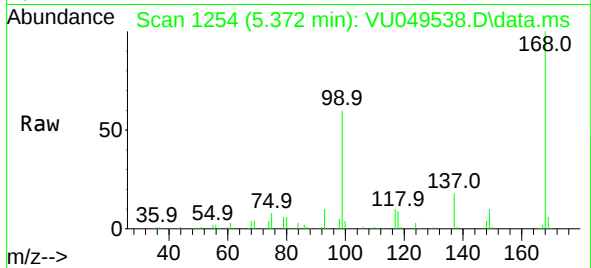




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049538.D
Acq: 30 Jun 2022 02:21

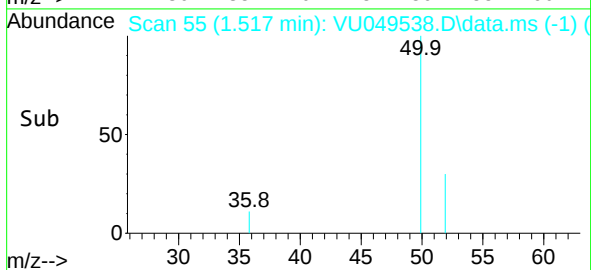
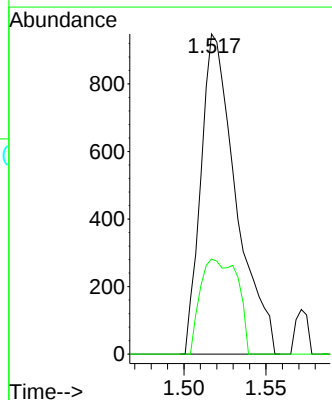
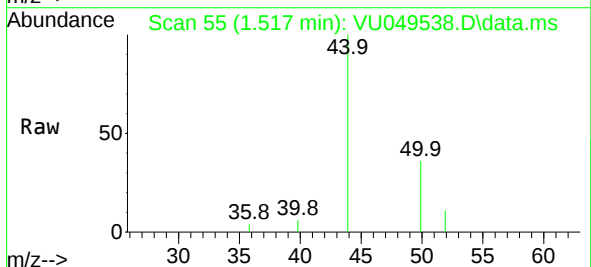
Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:168 Resp: 244015
Ion Ratio Lower Upper
168 100
99 59.8 39.3 58.9#



#3
Chloromethane
Concen: Below Cal
RT: 1.517 min Scan# 55
Delta R.T. -0.003 min
Lab File: VU049538.D
Acq: 30 Jun 2022 02:21

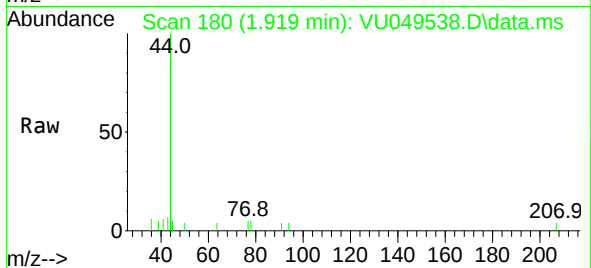
Tgt Ion: 50 Resp: 1407
Ion Ratio Lower Upper
50 100
52 29.7 27.4 41.2



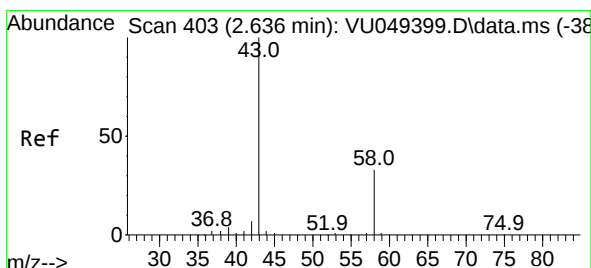
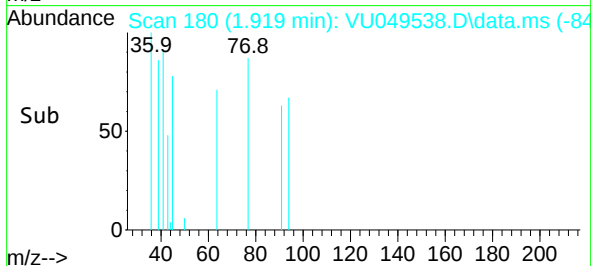
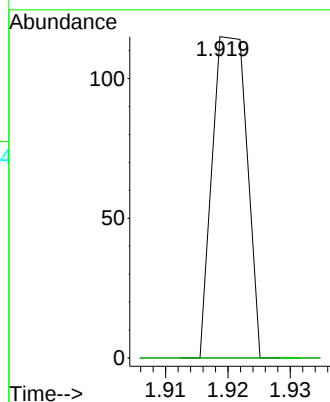


#6
Chloroethane
Concen: 1.939 ug/l
RT: 1.919 min Scan# 11
Delta R.T. 0.010 min
Lab File: VU049538.D
Acq: 30 Jun 2022 02:21

Instrument :
MSVOA_U
ClientSampleId :

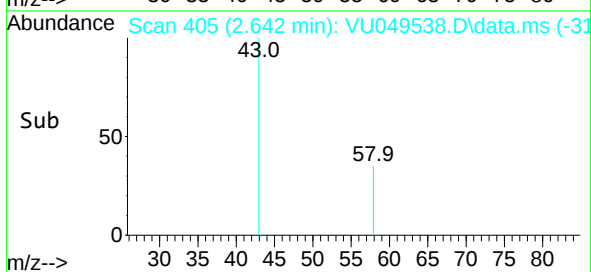
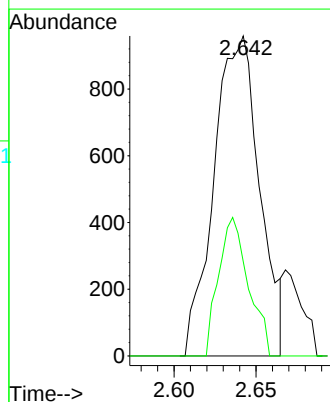
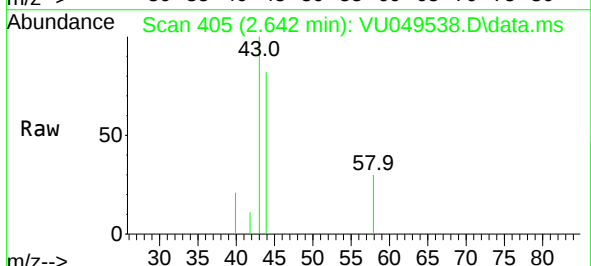


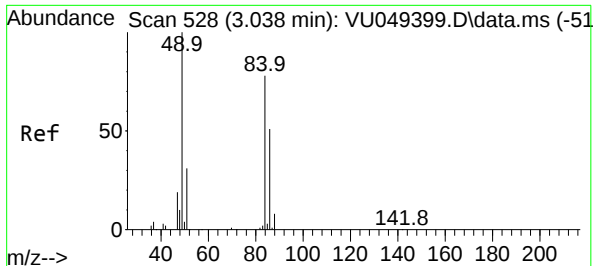
Tgt Ion: 64 Resp: 44
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#16
Acetone
Concen: 0.979 ug/l
RT: 2.642 min Scan# 405
Delta R.T. 0.006 min
Lab File: VU049538.D
Acq: 30 Jun 2022 02:21

Tgt Ion: 43 Resp: 1855
Ion Ratio Lower Upper
43 100
58 29.5 27.5 41.3





#20

Methylene Chloride

Concen: Below Cal

RT: 3.054 min Scan# 51

Delta R.T. 0.016 min

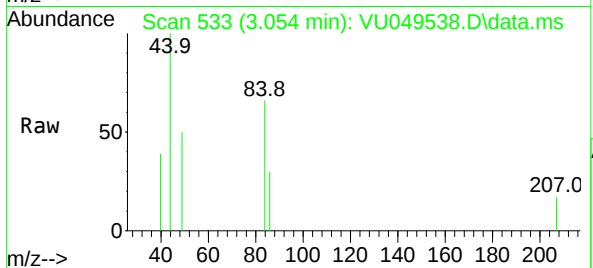
Lab File: VU049538.D

Acq: 30 Jun 2022 02:21

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 84 Resp: 748

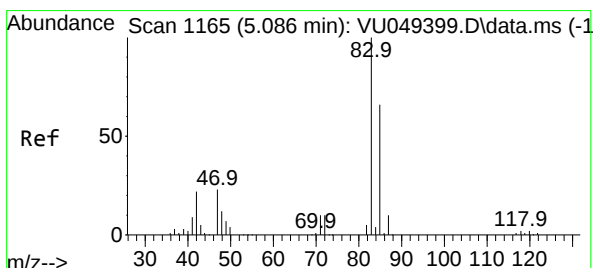
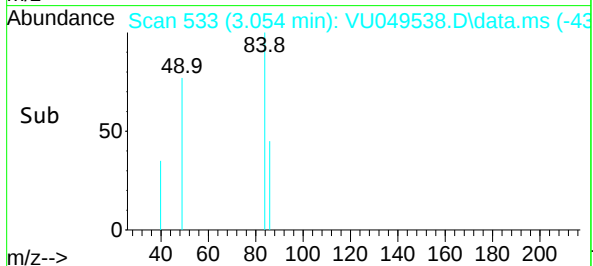
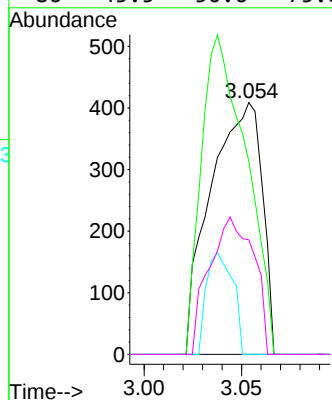
Ion Ratio Lower Upper

84 100

49 76.5 86.6 129.8#

51 0.0 26.6 40.0#

86 45.5 50.6 75.8#



#30

Chloroform

Concen: 1.512 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. 0.003 min

Lab File: VU049538.D

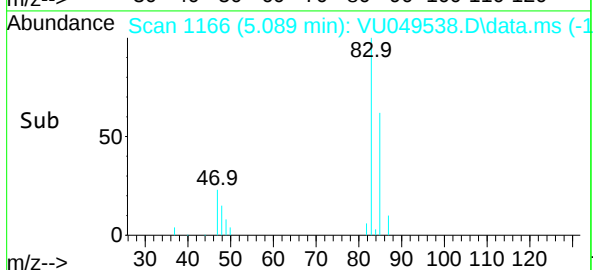
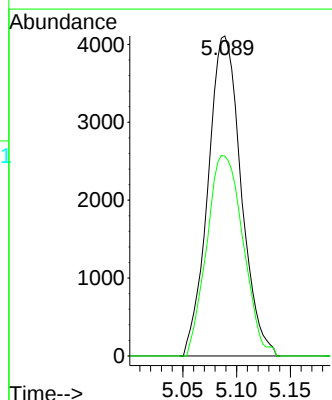
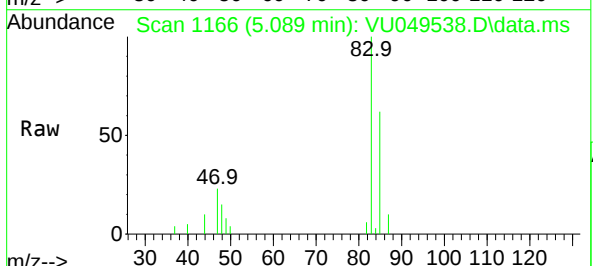
Acq: 30 Jun 2022 02:21

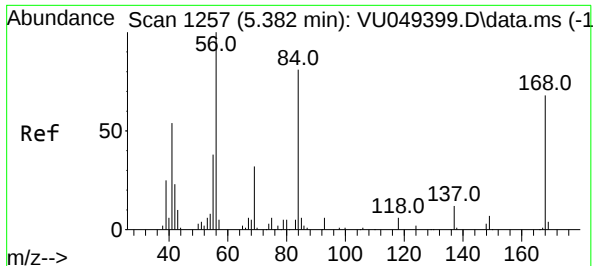
Tgt Ion: 83 Resp: 8788

Ion Ratio Lower Upper

83 100

85 62.5 51.2 76.8





#31

Cyclohexane

Concen: 0.919 ug/l

RT: 5.372 min Scan# 11

Delta R.T. -0.010 min

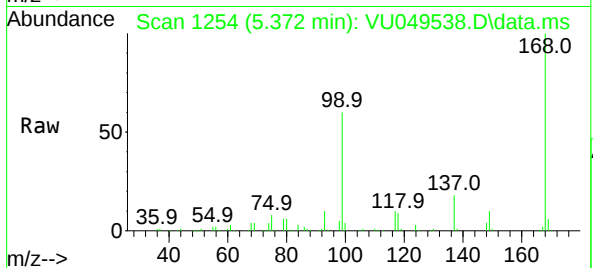
Lab File: VU049538.D

Acq: 30 Jun 2022 02:21

Instrument :

MSVOA_U

ClientSampleId :



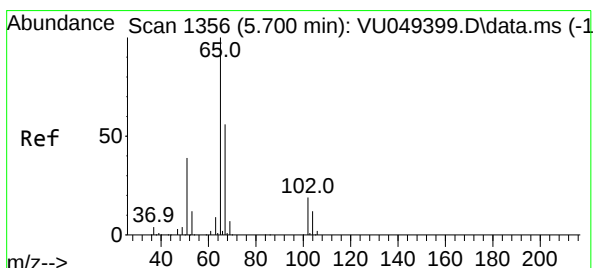
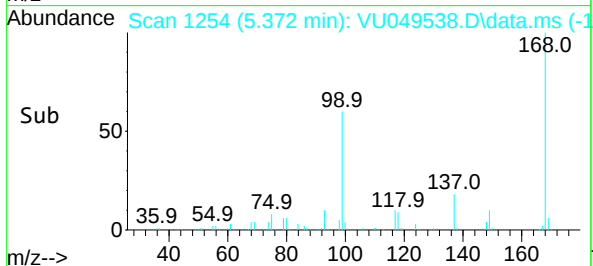
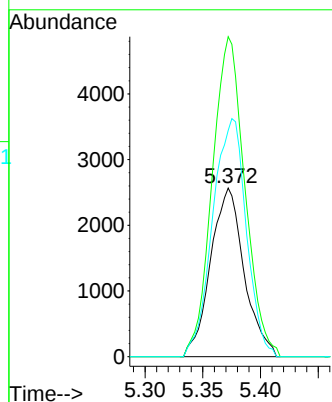
Tgt Ion: 56 Resp: 5183

Ion Ratio Lower Upper

56 100

69 189.8 27.8 41.8#

84 134.1 74.2 111.4#



#33

1,2-Dichloroethane-d4

Concen: 45.733 ug/l

RT: 5.703 min Scan# 1357

Delta R.T. 0.003 min

Lab File: VU049538.D

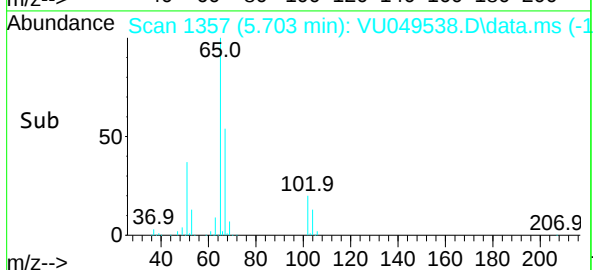
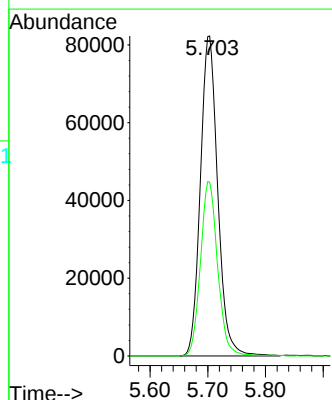
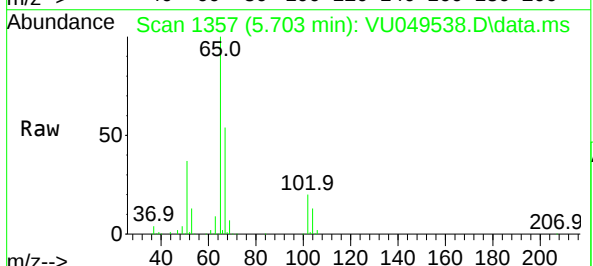
Acq: 30 Jun 2022 02:21

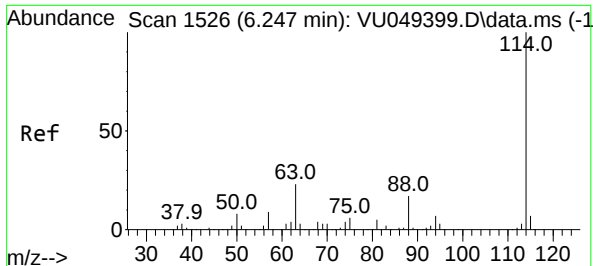
Tgt Ion: 65 Resp: 171866

Ion Ratio Lower Upper

65 100

67 53.8 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: VU049538.D

Acq: 30 Jun 2022 02:21

Instrument :

MSVOA_U

ClientSampleId :

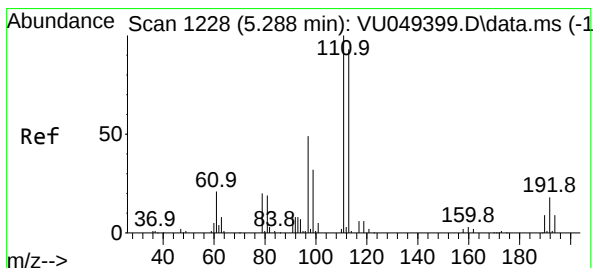
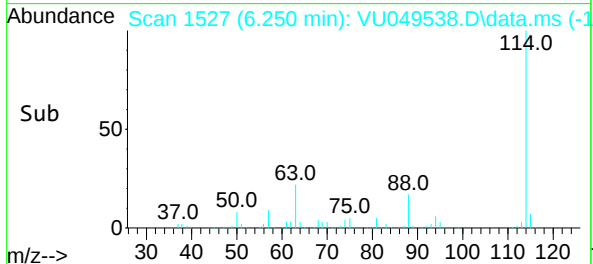
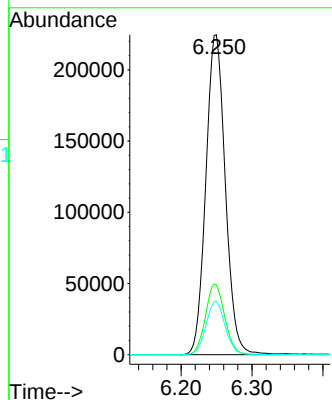
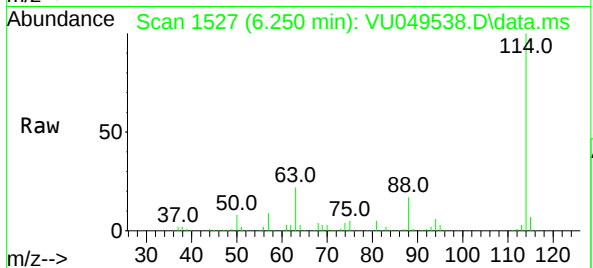
Tgt Ion:114 Resp: 428436

Ion Ratio Lower Upper

114 100

63 21.8 0.0 37.8

88 16.7 0.0 29.2



#35

Dibromofluoromethane

Concen: 45.199 ug/l

RT: 5.288 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VU049538.D

Acq: 30 Jun 2022 02:21

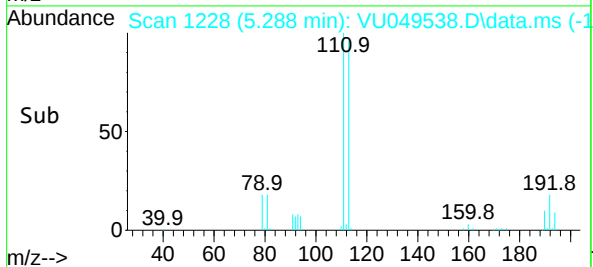
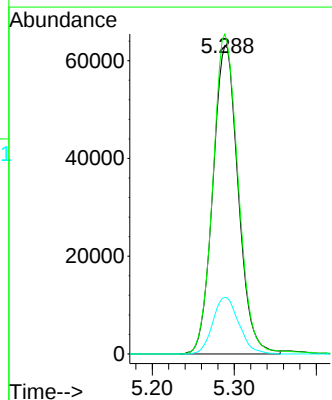
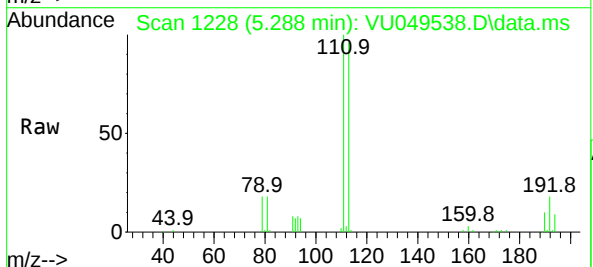
Tgt Ion:113 Resp: 135482

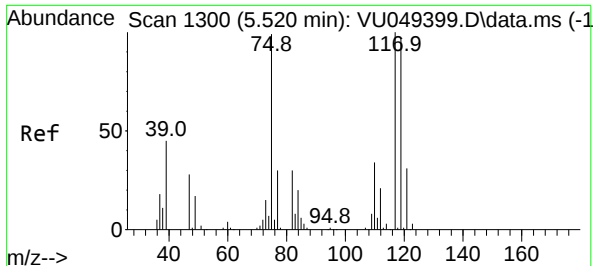
Ion Ratio Lower Upper

113 100

111 104.1 82.1 123.1

192 18.9 18.0 27.0





#36

1,1-Dichloropropene

Concen: 4.512 ug/l

RT: 5.372 min Scan# 11

Delta R.T. -0.148 min

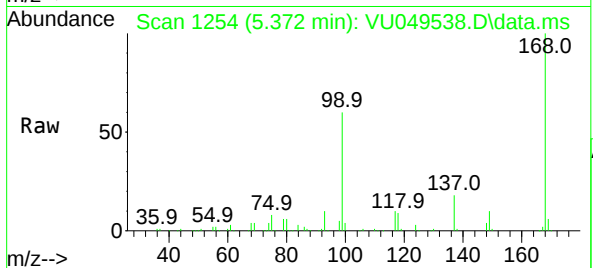
Lab File: VU049538.D

Acq: 30 Jun 2022 02:21

Instrument :

MSVOA_U

ClientSampleId :



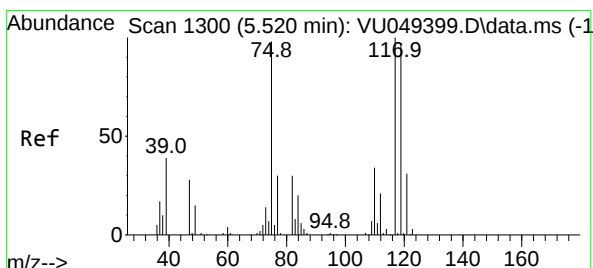
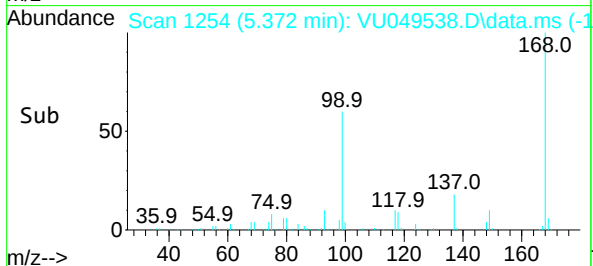
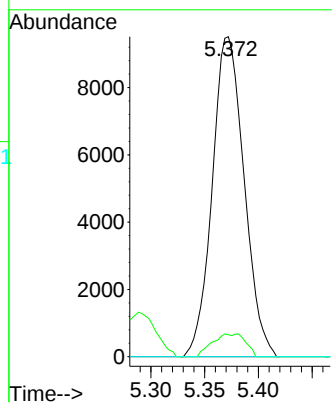
Tgt Ion: 75 Resp: 19610

Ion Ratio Lower Upper

75 100

110 4.6 18.4 55.2#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.383 ug/l

RT: 5.372 min Scan# 1254

Delta R.T. -0.148 min

Lab File: VU049538.D

Acq: 30 Jun 2022 02:21

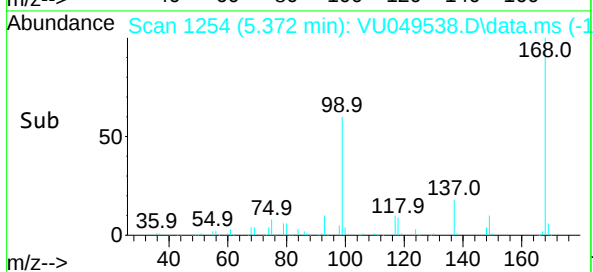
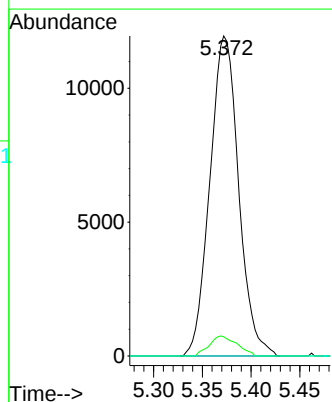
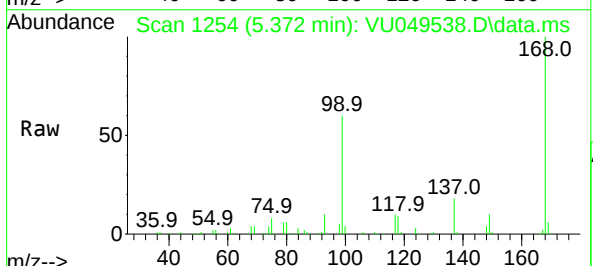
Tgt Ion: 117 Resp: 24535

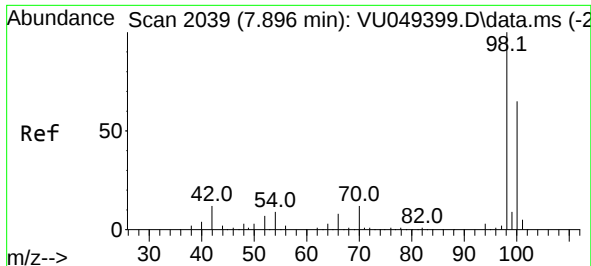
Ion Ratio Lower Upper

117 100

119 6.0 76.8 115.2#

121 0.0 24.7 37.1#

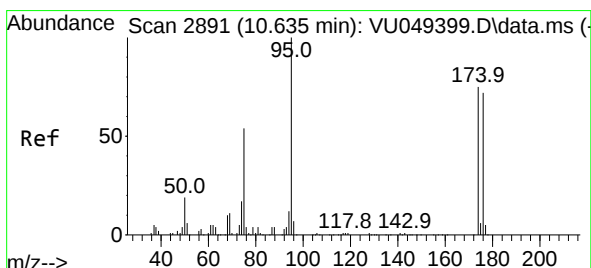
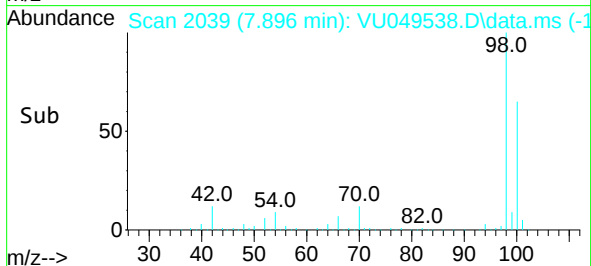
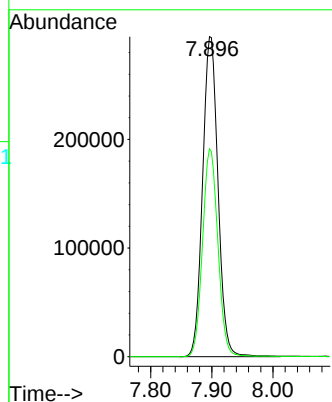
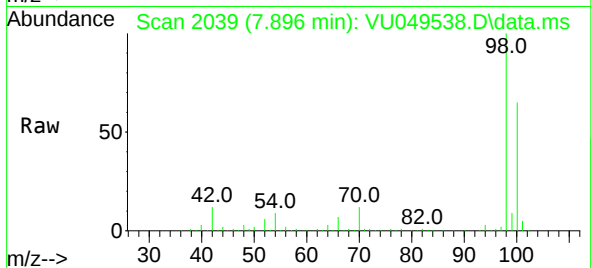




#50
Toluene-d8
Concen: 48.252 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. -0.000 min
Lab File: VU049538.D
Acq: 30 Jun 2022 02:21

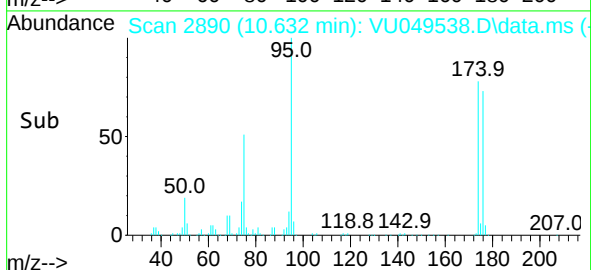
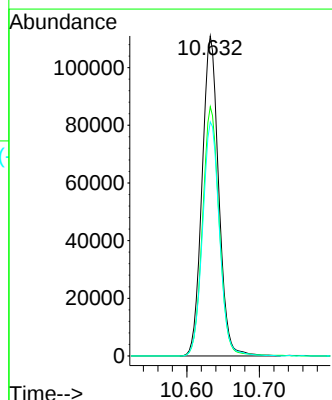
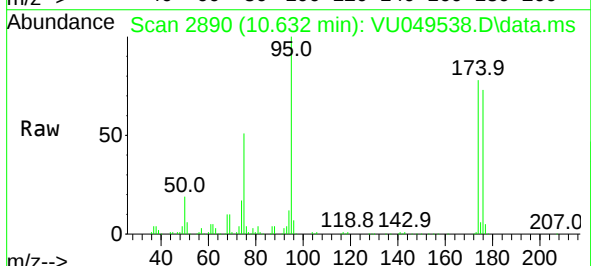
Instrument :
MSVOA_U
ClientSampleId :

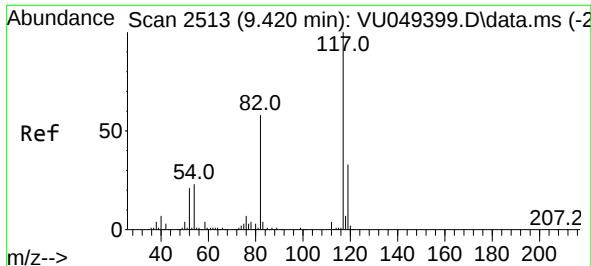
Tgt Ion: 98 Resp: 515868
Ion Ratio Lower Upper
98 100
100 64.5 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 43.151 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049538.D
Acq: 30 Jun 2022 02:21

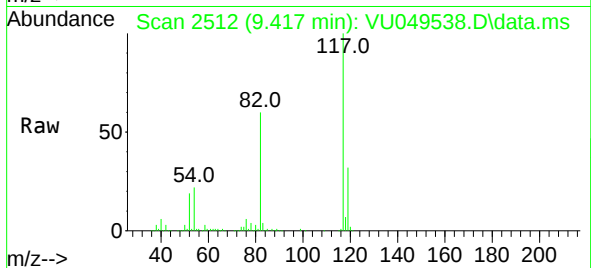
Tgt Ion: 95 Resp: 176723
Ion Ratio Lower Upper
95 100
174 77.7 0.0 182.0
176 74.3 0.0 177.8



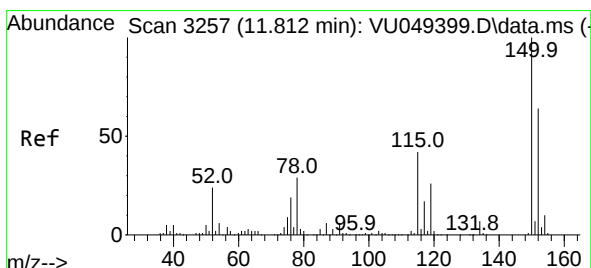
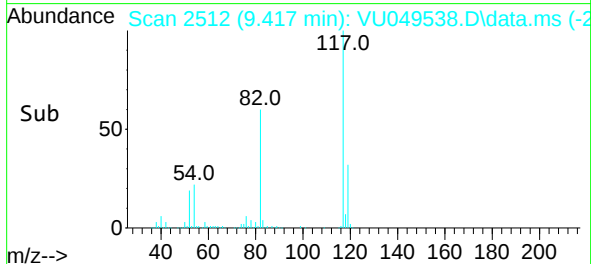
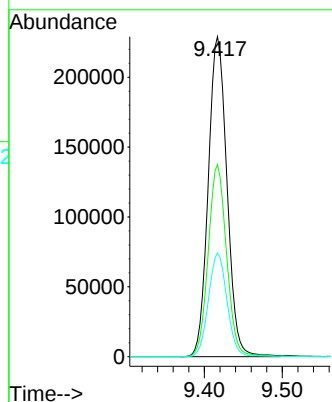


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049538.D
Acq: 30 Jun 2022 02:21

Instrument :
MSVOA_U
ClientSampleId :

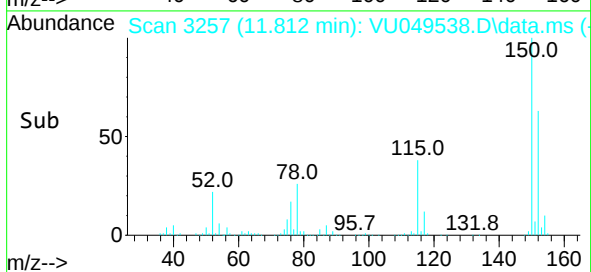
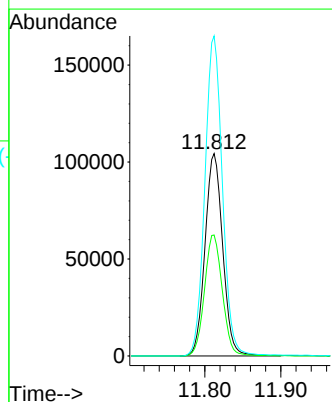
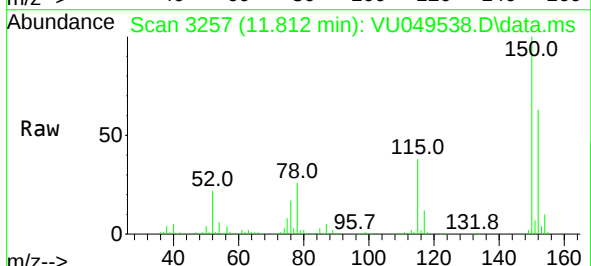


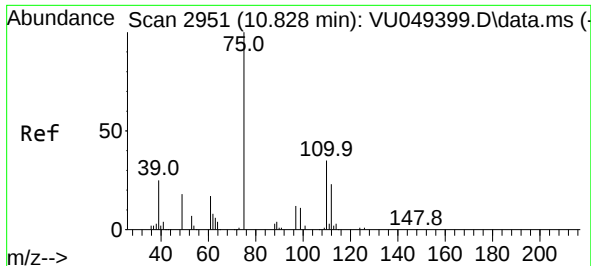
Tgt Ion:117 Resp: 382716
Ion Ratio Lower Upper
117 100
82 60.0 41.7 62.5
119 32.4 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. -0.000 min
Lab File: VU049538.D
Acq: 30 Jun 2022 02:21

Tgt Ion:152 Resp: 169011
Ion Ratio Lower Upper
152 100
115 60.1 37.0 110.9
150 156.5 0.0 342.2

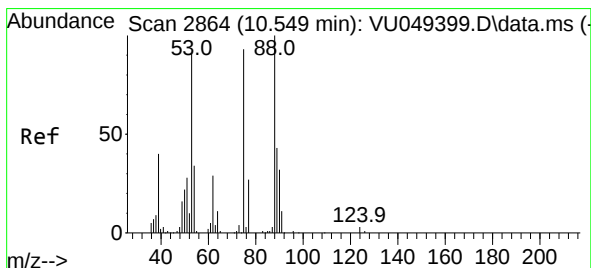
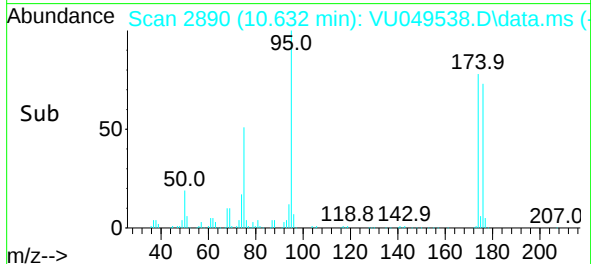
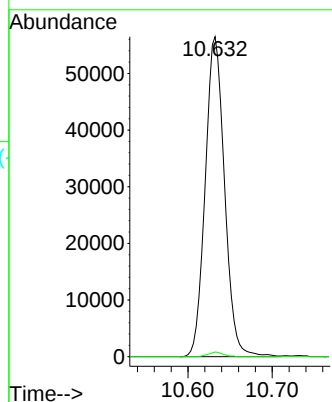
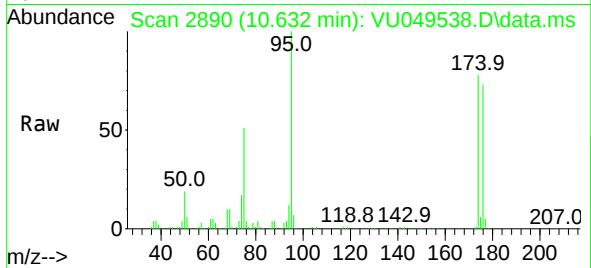




#76
1,2,3-Trichloropropane
Concen: 15.774 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.196 min
Lab File: VU049538.D
Acq: 30 Jun 2022 02:21

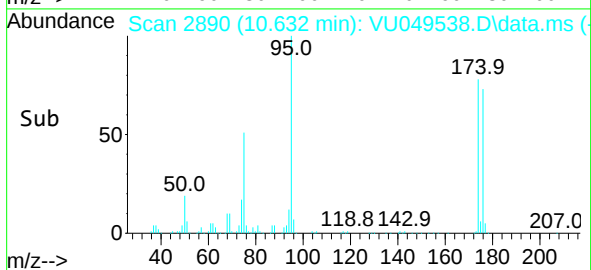
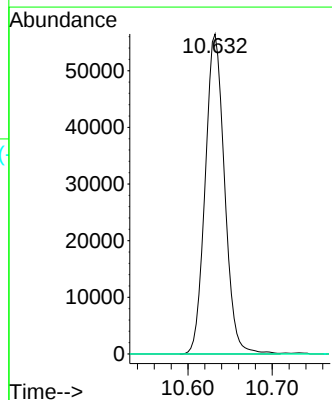
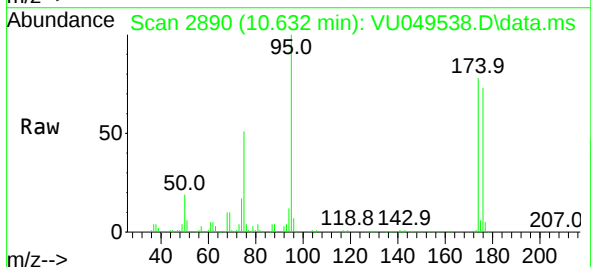
Instrument :
MSVOA_U
ClientSampleId :

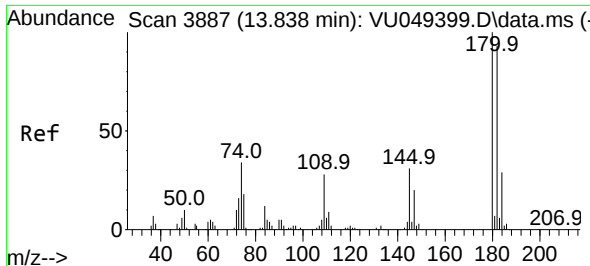
Tgt Ion: 75 Resp: 90377
Ion Ratio Lower Upper
75 100
77 1.1 15.8 47.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.253 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.084 min
Lab File: VU049538.D
Acq: 30 Jun 2022 02:21

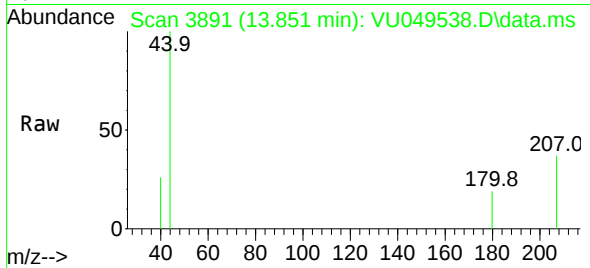
Tgt Ion: 75 Resp: 90377
Ion Ratio Lower Upper
75 100
53 0.0 69.2 103.8#
89 0.0 37.0 55.6#



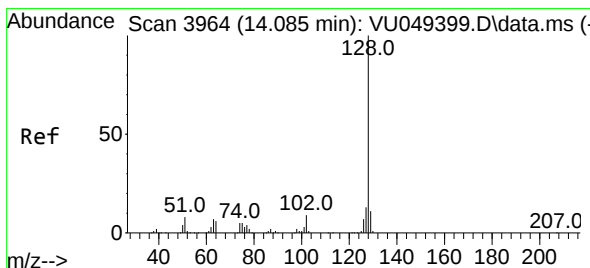
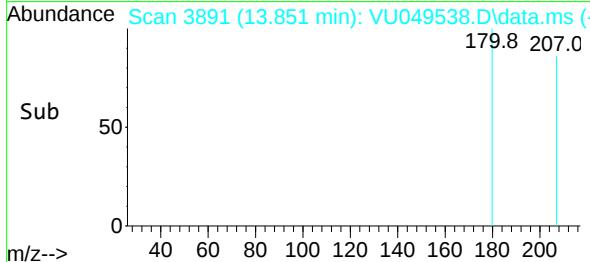
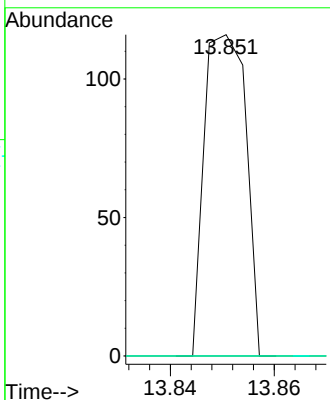


#93
1,2,4-Trichlorobenzene
Concen: 1.770 ug/l
RT: 13.851 min Scan# 3887
Delta R.T. 0.013 min
Lab File: VU049538.D
Acq: 30 Jun 2022 02:21

Instrument :
MSVOA_U
ClientSampleId :

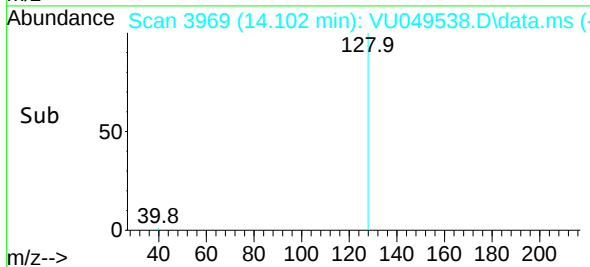
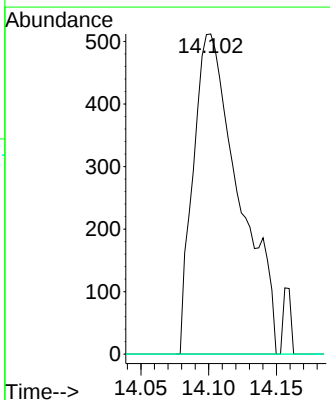
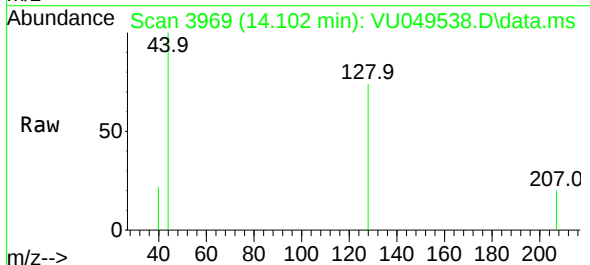


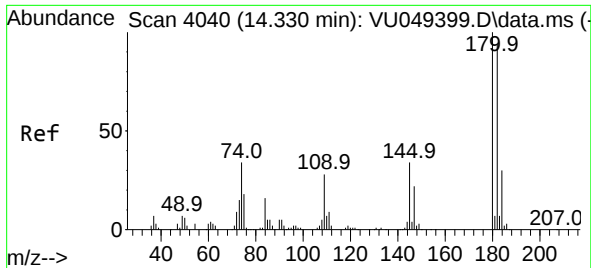
Tgt Ion:180 Resp: 64
Ion Ratio Lower Upper
180 100
182 0.0 47.9 143.6#
145 0.0 14.0 41.9#



#95
Naphthalene
Concen: 1.824 ug/l
RT: 14.102 min Scan# 3969
Delta R.T. 0.016 min
Lab File: VU049538.D
Acq: 30 Jun 2022 02:21

Tgt Ion:128 Resp: 1201
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: 1.195 ug/l

RT: 14.336 min Scan# 4042

Delta R.T. 0.006 min

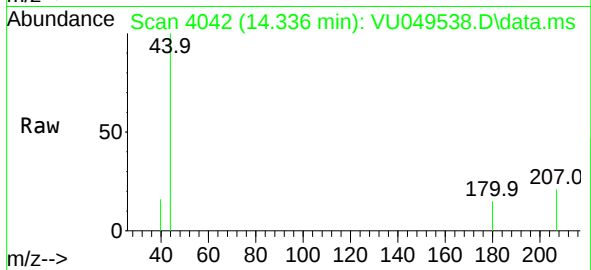
Lab File: VU049538.D

Acq: 30 Jun 2022 02:21

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 73

Ion Ratio Lower Upper

180 100

182 0.0 48.4 145.0#

145 0.0 14.8 44.4#

