

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062922\
 Data File : VU049544.D
 Acq On : 30 Jun 2022 04:42
 Operator : SY/MD
 Sample : N3507-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 30 09:13:16 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)

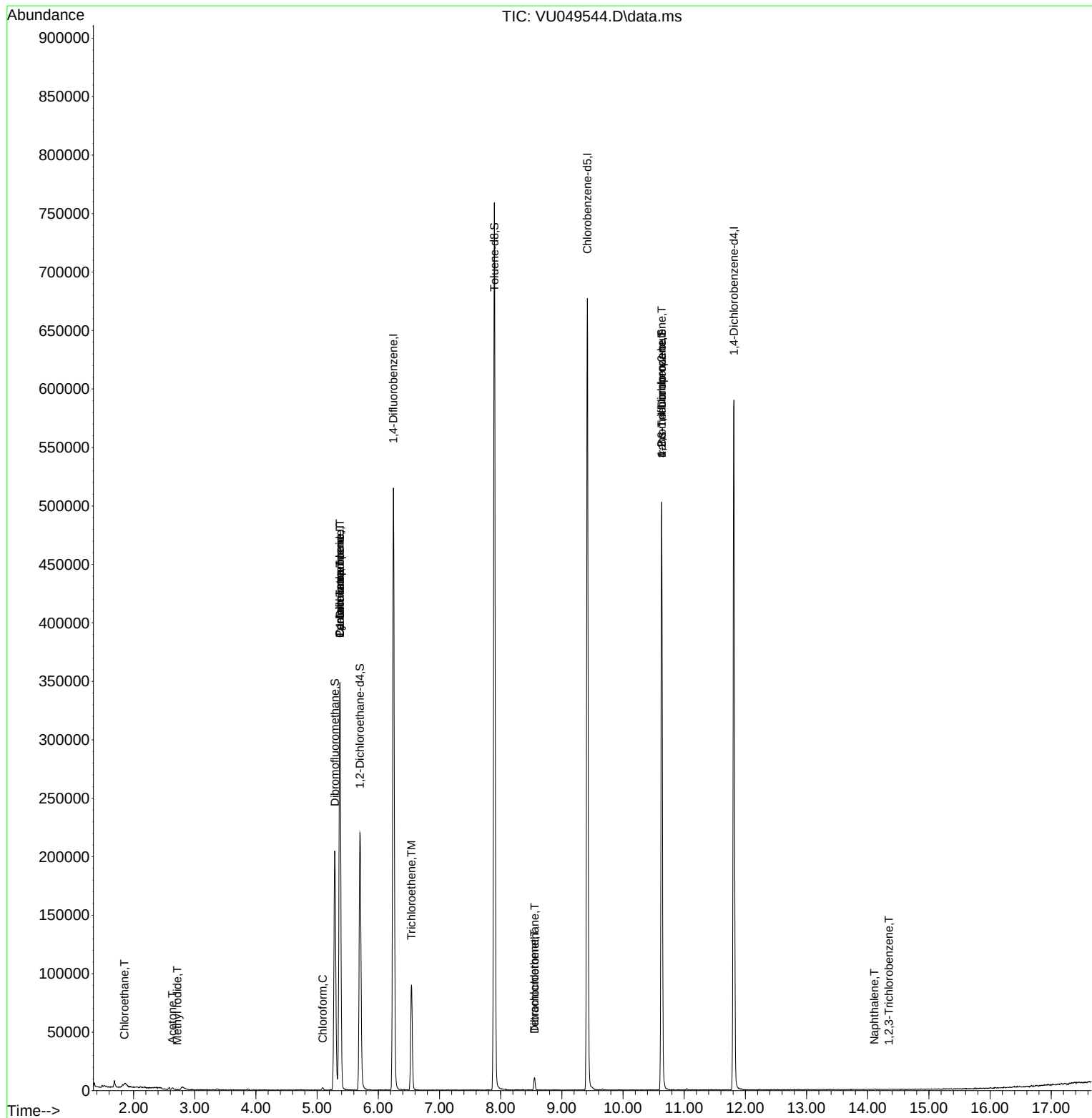
Internal Standards						
1) Pentafluorobenzene	5.372	168	237829	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	415823	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	369598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	158004	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	168149	45.908	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.820%
35) Dibromofluoromethane	5.289	113	133731	45.968	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.940%
50) Toluene-d8	7.896	98	501908	48.370	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.740%
62) 4-Bromofluorobenzene	10.632	95	169206	42.569	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.140%
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	1397	Below Cal	#	85
6) Chloroethane	1.851	64	19	1.926	ug/l #	44
10) Methyl Iodide	2.713	142	20	7.520	ug/l #	43
16) Acetone	2.633	43	1953	1.057	ug/l #	85
30) Chloroform	5.092	83	1874	0.331	ug/l	95
31) Cyclohexane	5.372	56	5058	0.920	ug/l #	11
36) 1,1-Dichloropropene	5.372	75	19693	4.668	ug/l #	49
38) Carbon Tetrachloride	5.372	117	24439	5.524	ug/l #	16
44) Trichloroethene	6.543	130	31013	10.244	ug/l	86
60) Dibromochloromethane	8.555	129	2327	0.715	ug/l #	11
64) Tetrachloroethene	8.552	164	2742	1.157	ug/l	91
76) 1,2,3-Trichloropropane	10.632	75	87593	16.354	ug/l #	45
81) trans-1,4-Dichloro-2-b...	10.632	75	87593	60.392	ug/l #	15
95) Naphthalene	14.108	128	442	1.770	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.346	180	22	1.183	ug/l #	12

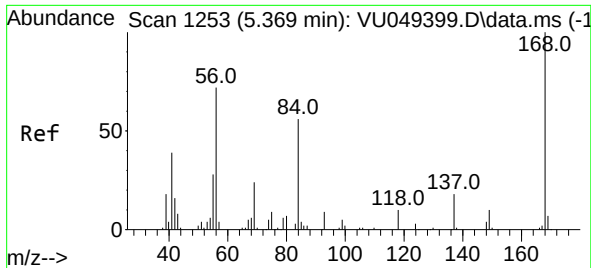
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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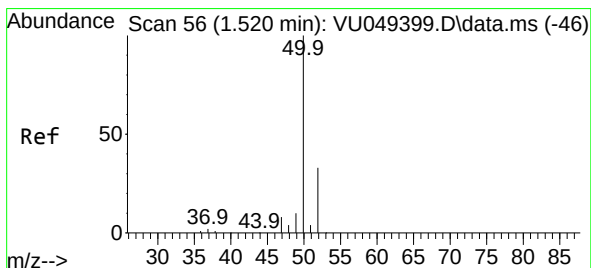
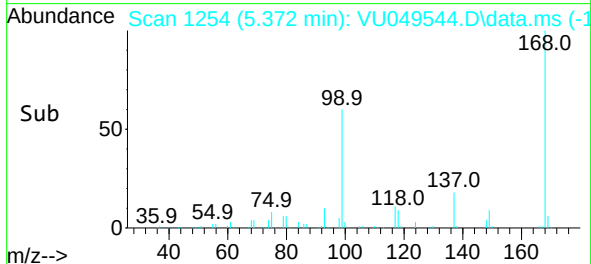
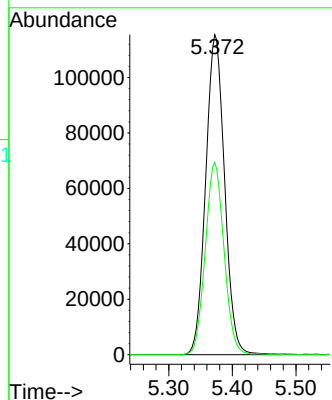
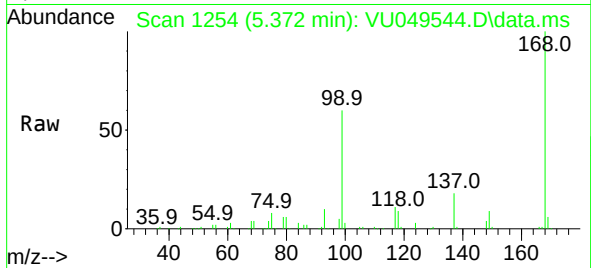




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049544.D
Acq: 30 Jun 2022 04:42

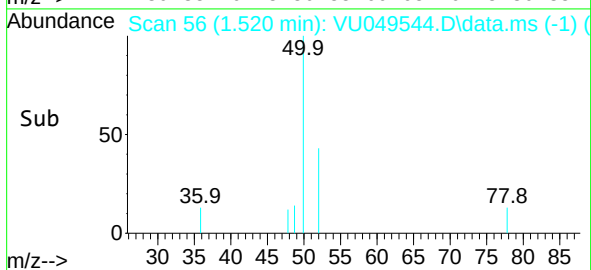
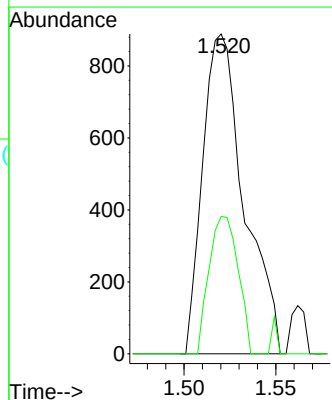
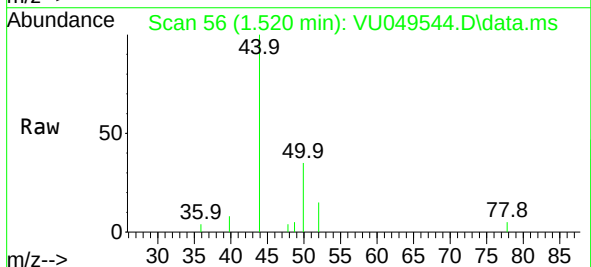
Instrument :
MSVOA_U
ClientSampleId :

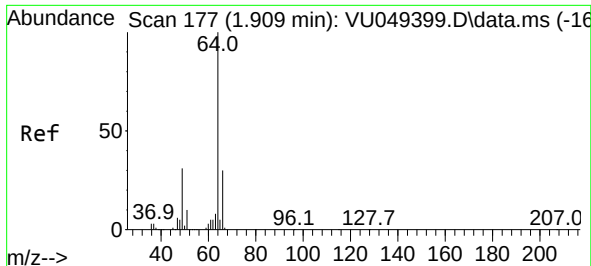
Tgt Ion:168 Resp: 237829
Ion Ratio Lower Upper
168 100
99 60.1 39.3 58.9#



#3
Chloromethane
Concen: Below Cal
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU049544.D
Acq: 30 Jun 2022 04:42

Tgt Ion: 50 Resp: 1397
Ion Ratio Lower Upper
50 100
52 43.0 27.4 41.2#

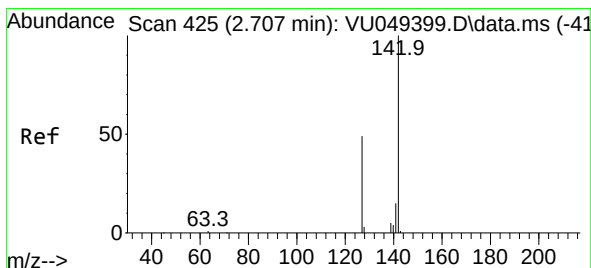
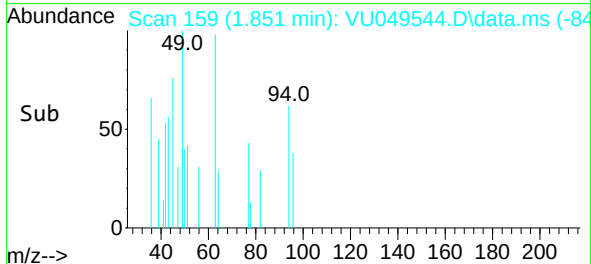
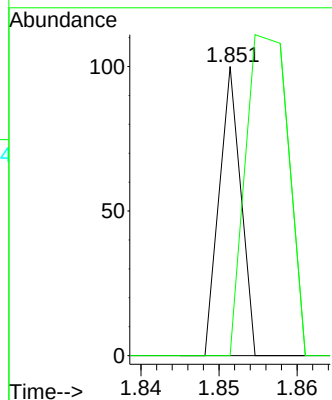
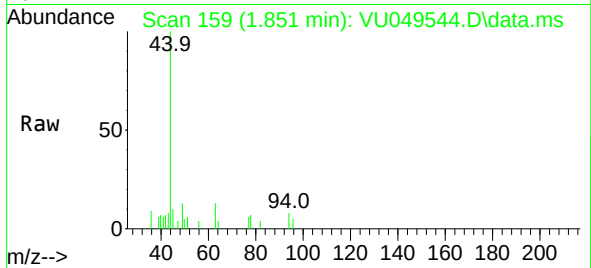




#6
Chloroethane
Concen: 1.926 ug/l
RT: 1.851 min Scan# 11
Delta R.T. -0.058 min
Lab File: VU049544.D
Acq: 30 Jun 2022 04:42

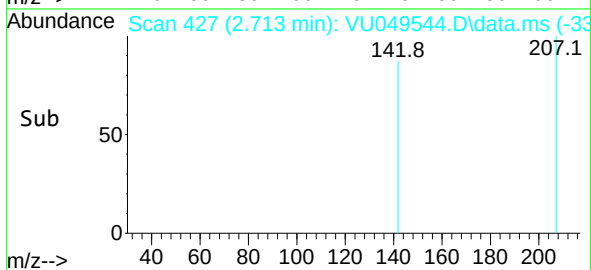
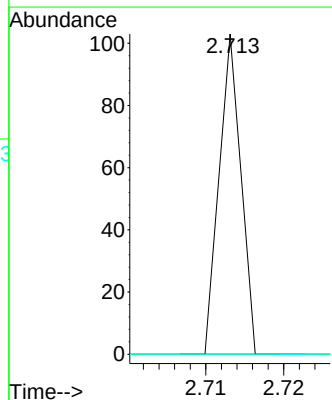
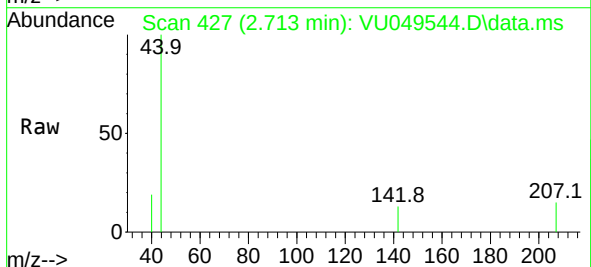
Instrument :
MSVOA_U
ClientSampleId :

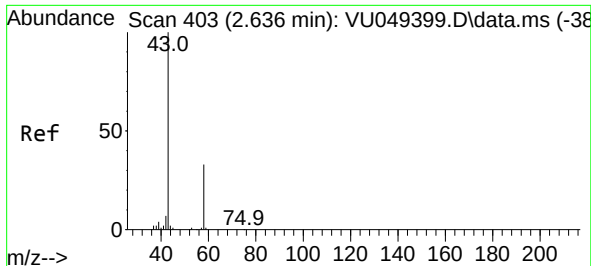
Tgt Ion: 64 Resp: 19
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#10
Methyl Iodide
Concen: 7.520 ug/l
RT: 2.713 min Scan# 427
Delta R.T. 0.007 min
Lab File: VU049544.D
Acq: 30 Jun 2022 04:42

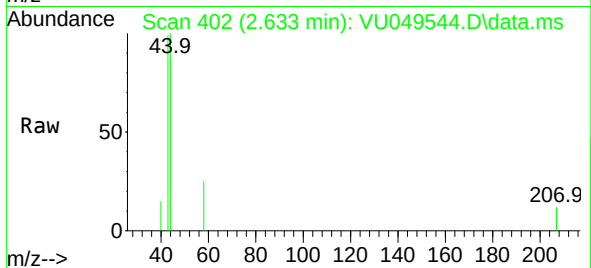
Tgt Ion:142 Resp: 20
Ion Ratio Lower Upper
142 100
127 0.0 32.5 48.7#
141 0.0 11.4 17.0#



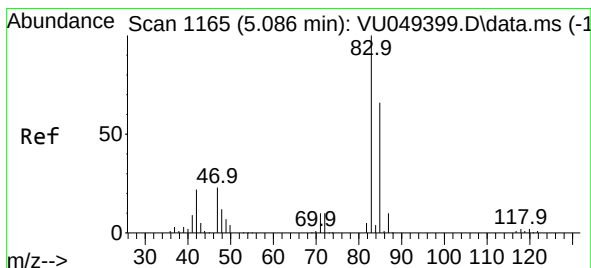
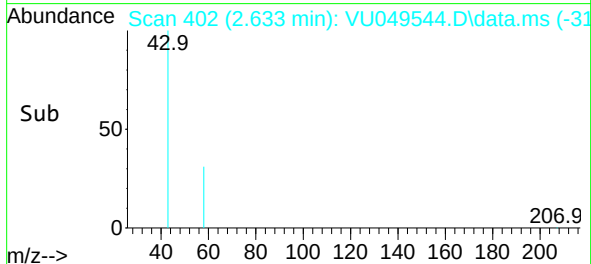
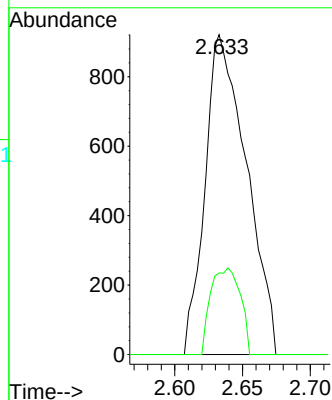


#16
Acetone
Concen: 1.057 ug/l
RT: 2.633 min Scan# 403
Delta R.T. -0.003 min
Lab File: VU049544.D
Acq: 30 Jun 2022 04:42

Instrument :
MSVOA_U
ClientSampleId :

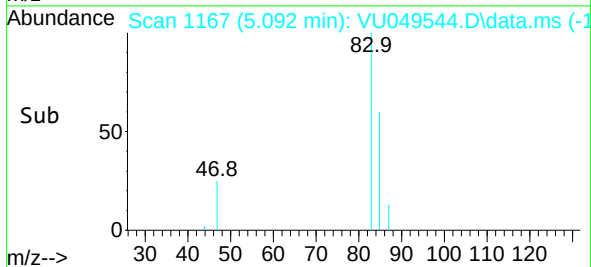
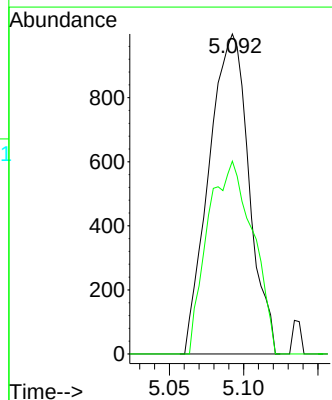
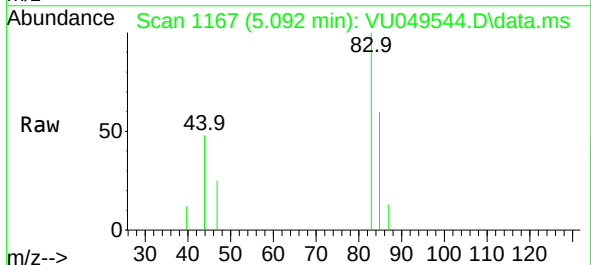


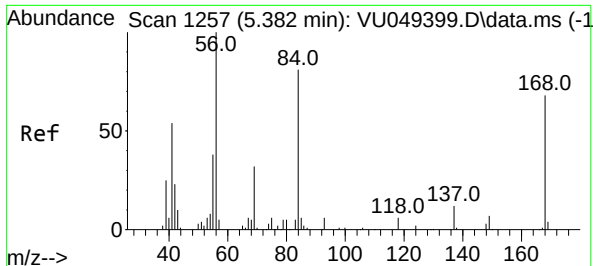
Tgt Ion: 43 Resp: 1953
Ion Ratio Lower Upper
43 100
58 25.5 27.5 41.3#



#30
Chloroform
Concen: 0.331 ug/l
RT: 5.092 min Scan# 1167
Delta R.T. 0.007 min
Lab File: VU049544.D
Acq: 30 Jun 2022 04:42

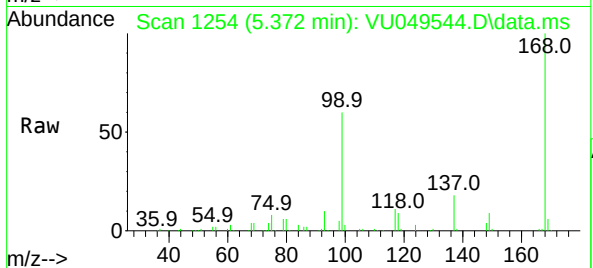
Tgt Ion: 83 Resp: 1874
Ion Ratio Lower Upper
83 100
85 60.3 51.2 76.8



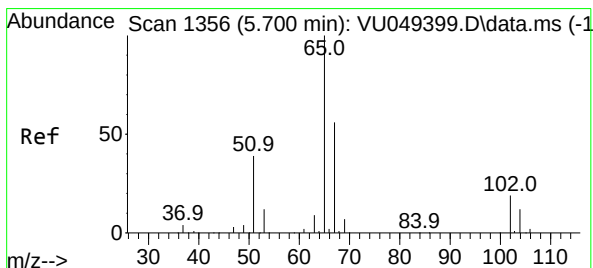
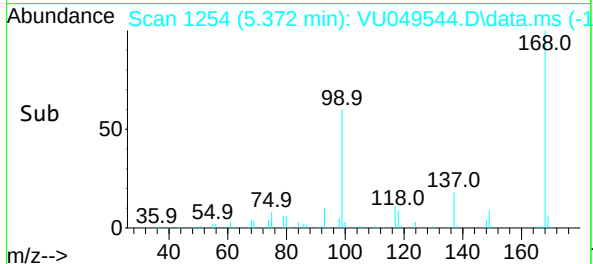
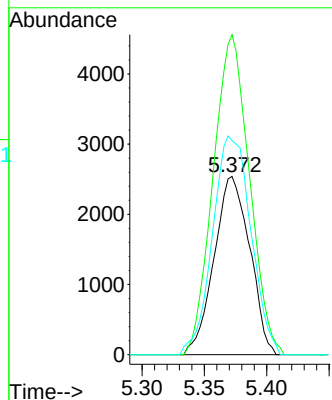


#31
Cyclohexane
Concen: 0.920 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.009 min
Lab File: VU049544.D
Acq: 30 Jun 2022 04:42

Instrument :
MSVOA_U
ClientSampleId :

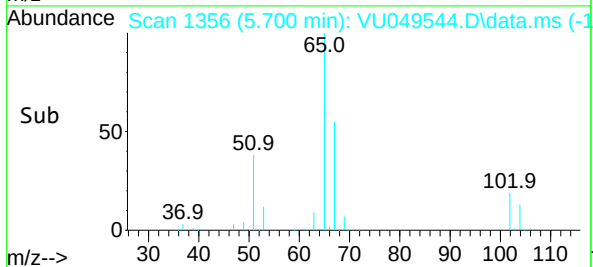
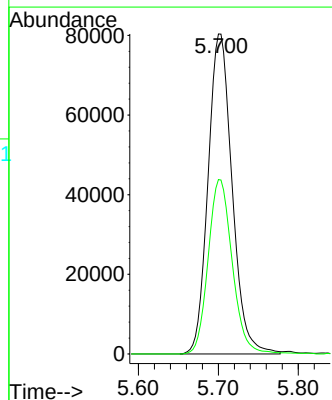
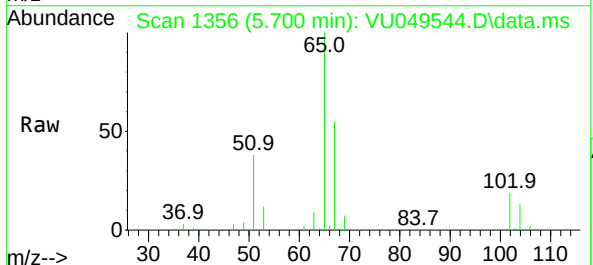


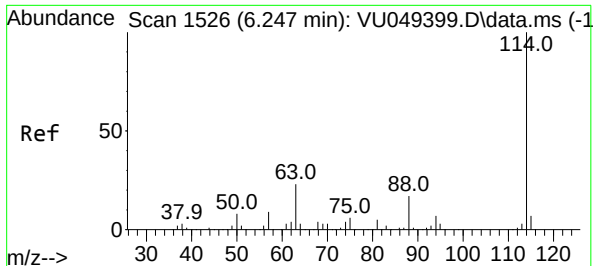
Tgt Ion: 56 Resp: 5058
Ion Ratio Lower Upper
56 100
69 179.6 27.8 41.8#
84 120.1 74.2 111.4#



#33
1,2-Dichloroethane-d4
Concen: 45.908 ug/l
RT: 5.700 min Scan# 1356
Delta R.T. 0.000 min
Lab File: VU049544.D
Acq: 30 Jun 2022 04:42

Tgt Ion: 65 Resp: 168149
Ion Ratio Lower Upper
65 100
67 54.6 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 114

Delta R.T. 0.000 min

Lab File: VU049544.D

Acq: 30 Jun 2022 04:42

Instrument :

MSVOA_U

ClientSampleId :

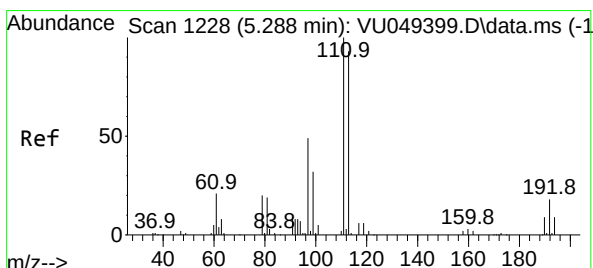
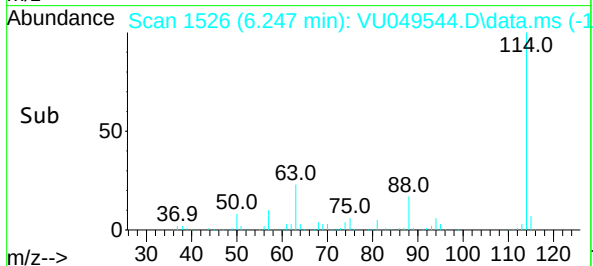
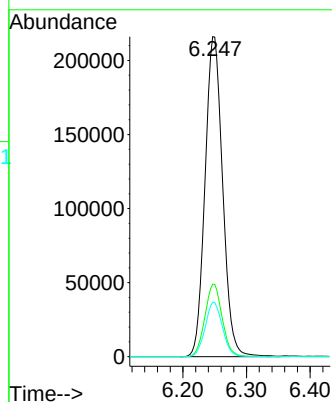
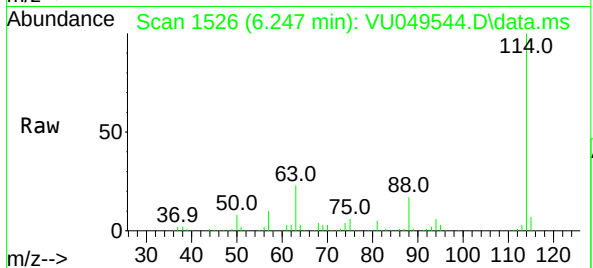
Tgt Ion:114 Resp: 415823

Ion Ratio Lower Upper

114 100

63 22.6 0.0 37.8

88 17.1 0.0 29.2



#35

Dibromofluoromethane

Concen: 45.968 ug/l

RT: 5.289 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VU049544.D

Acq: 30 Jun 2022 04:42

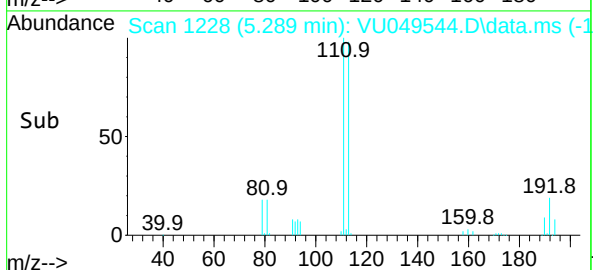
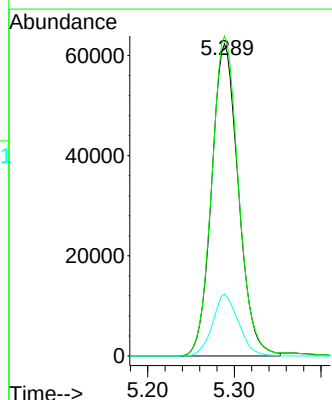
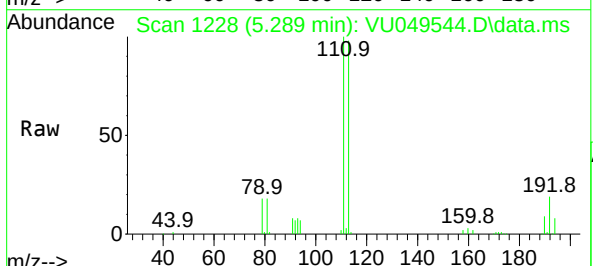
Tgt Ion:113 Resp: 133731

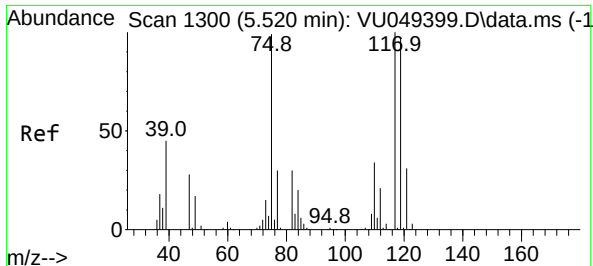
Ion Ratio Lower Upper

113 100

111 102.3 82.1 123.1

192 19.2 18.0 27.0





#36

1,1-Dichloropropene

Concen: 4.668 ug/l

RT: 5.372 min Scan# 1254

Delta R.T. -0.148 min

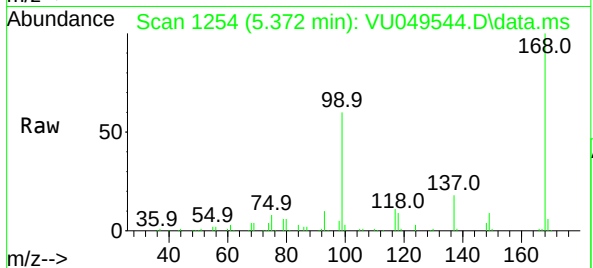
Lab File: VU049544.D

Acq: 30 Jun 2022 04:42

Instrument :

MSVOA_U

ClientSampleId :



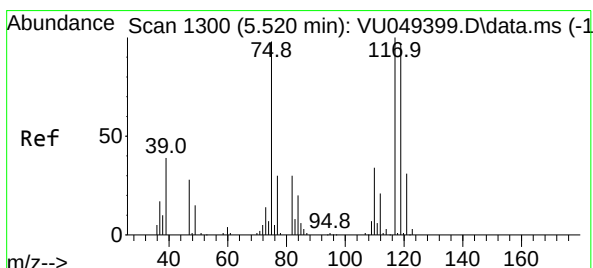
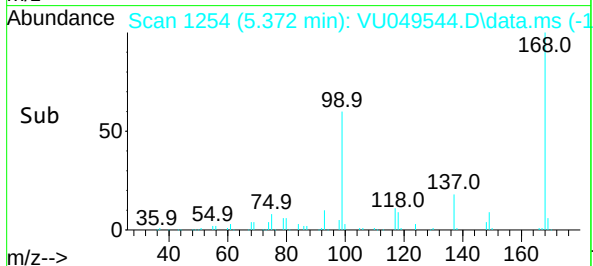
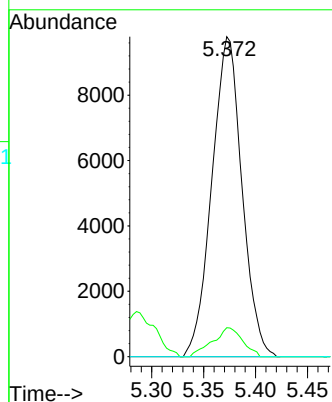
Tgt Ion: 75 Resp: 19693

Ion Ratio Lower Upper

75 100

110 9.0 18.4 55.2#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.524 ug/l

RT: 5.372 min Scan# 1254

Delta R.T. -0.148 min

Lab File: VU049544.D

Acq: 30 Jun 2022 04:42

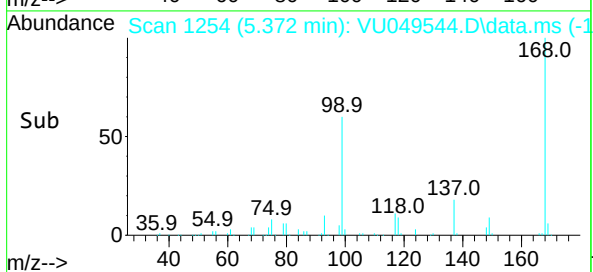
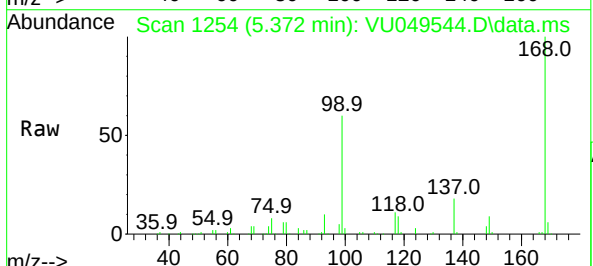
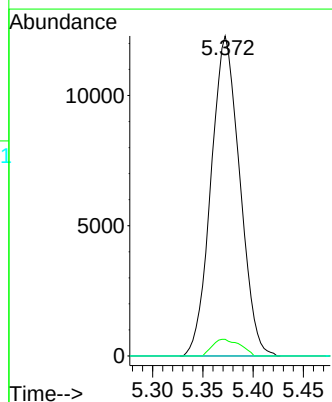
Tgt Ion: 117 Resp: 24439

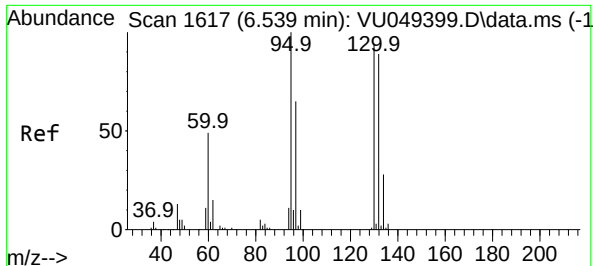
Ion Ratio Lower Upper

117 100

119 5.2 76.8 115.2#

121 0.0 24.7 37.1#

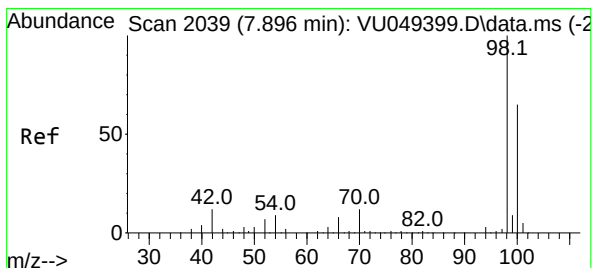
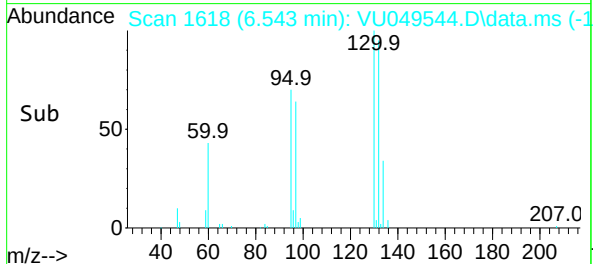
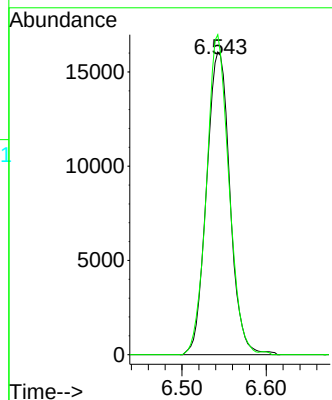
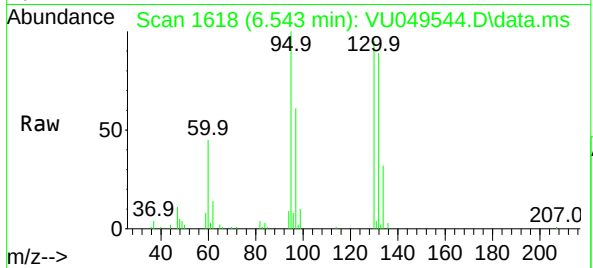




#44
Trichloroethene
Concen: 10.244 ug/l
RT: 6.543 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU049544.D
Acq: 30 Jun 2022 04:42

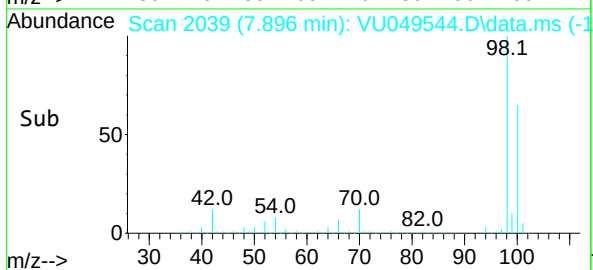
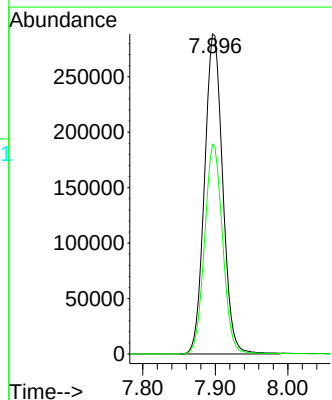
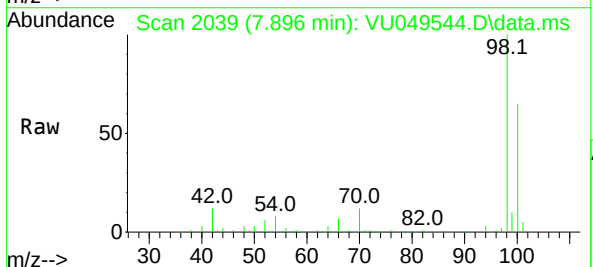
Instrument :
MSVOA_U
ClientSampleId :

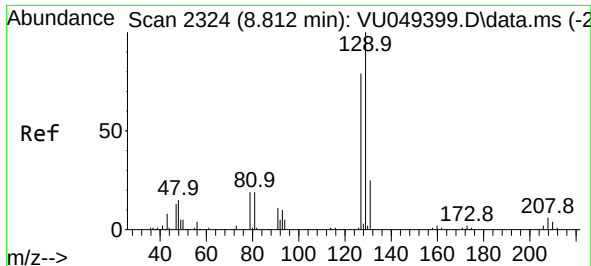
Tgt Ion:130 Resp: 31013
Ion Ratio Lower Upper
130 100
95 105.7 0.0 184.6



#50
Toluene-d8
Concen: 48.370 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VU049544.D
Acq: 30 Jun 2022 04:42

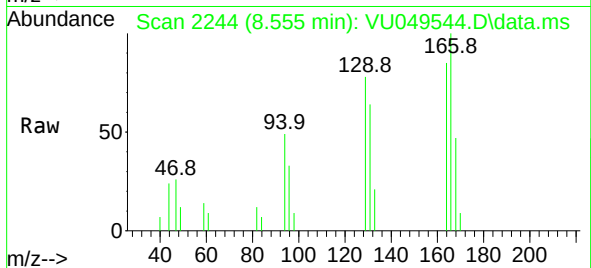
Tgt Ion: 98 Resp: 501908
Ion Ratio Lower Upper
98 100
100 65.0 51.7 77.5



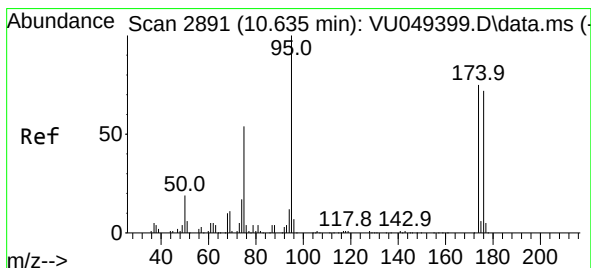
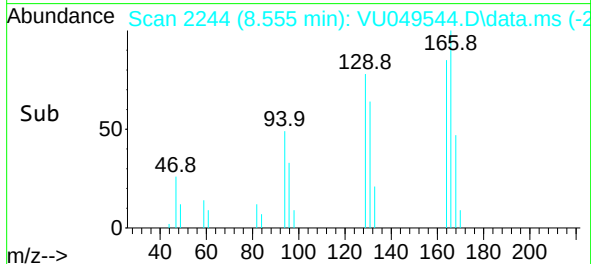
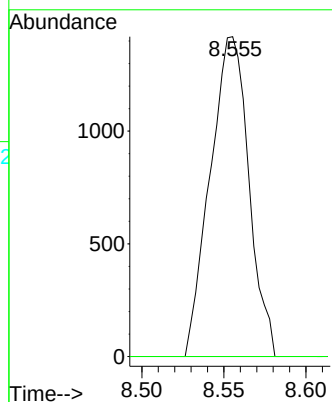


#60
Dibromochloromethane
Concen: 0.715 ug/l
RT: 8.555 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU049544.D
Acq: 30 Jun 2022 04:42

Instrument :
MSVOA_U
ClientSampleId :

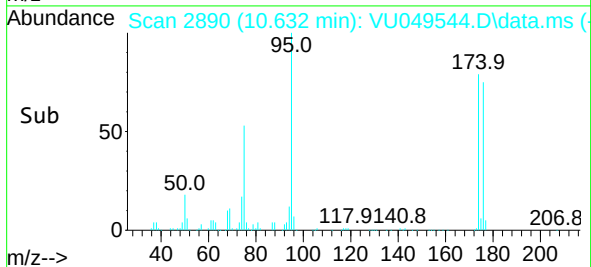
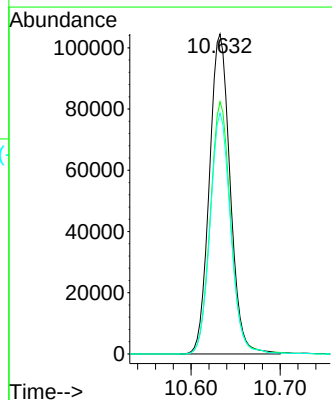
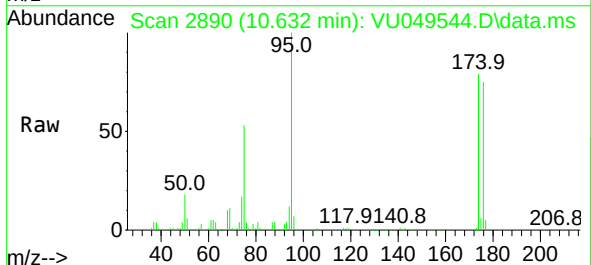


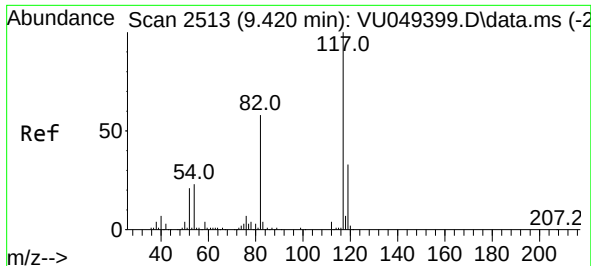
Tgt Ion:129 Resp: 2327
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#



#62
4-Bromofluorobenzene
Concen: 42.569 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049544.D
Acq: 30 Jun 2022 04:42

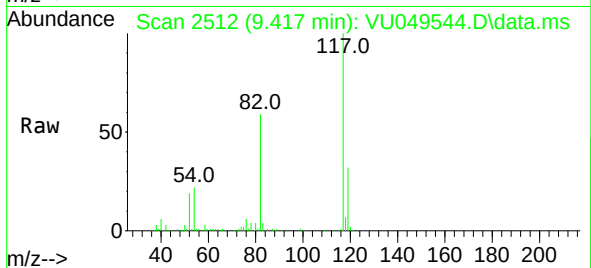
Tgt Ion: 95 Resp: 169206
Ion Ratio Lower Upper
95 100
174 77.5 0.0 182.0
176 74.5 0.0 177.8



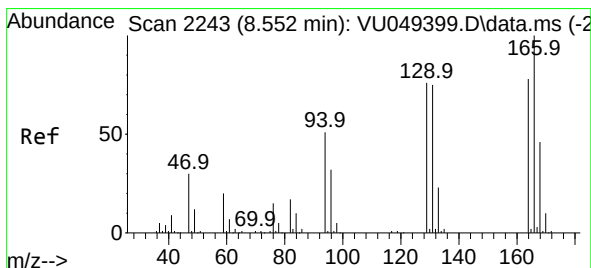
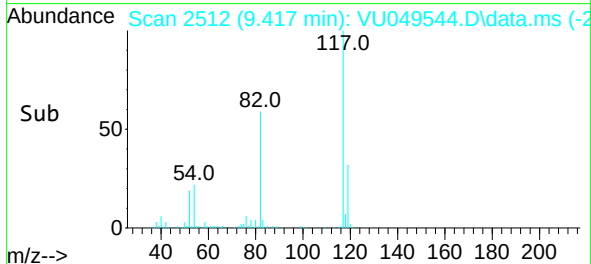
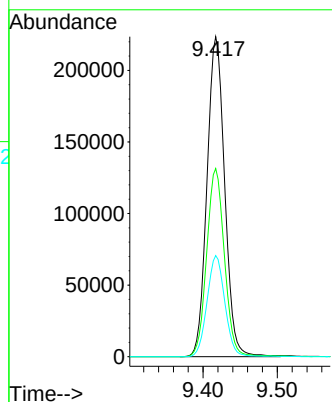


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049544.D
Acq: 30 Jun 2022 04:42

Instrument :
MSVOA_U
ClientSampleId :

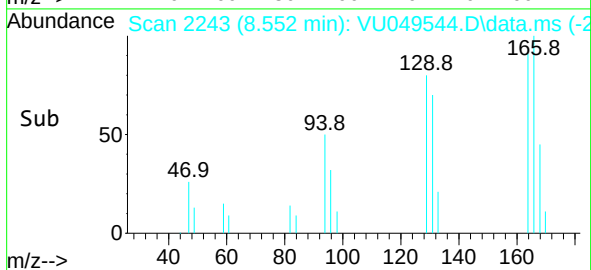
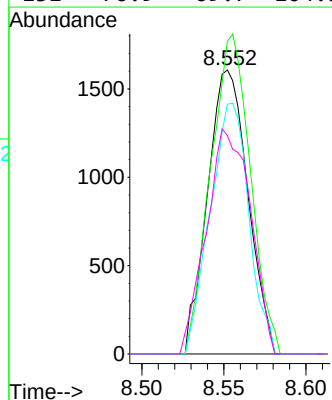
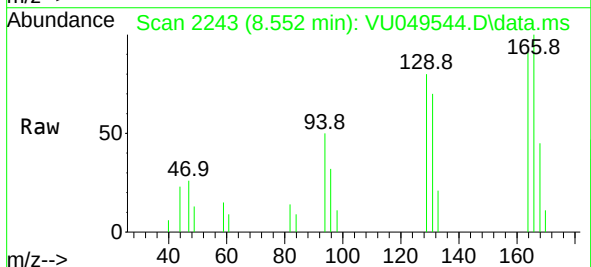


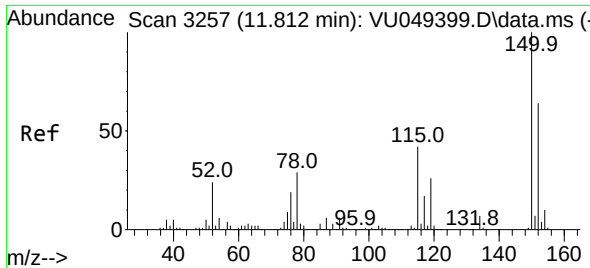
Tgt Ion:117 Resp: 369598
Ion Ratio Lower Upper
117 100
82 58.8 41.7 62.5
119 31.6 25.7 38.5



#64
Tetrachloroethene
Concen: 1.157 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU049544.D
Acq: 30 Jun 2022 04:42

Tgt Ion:164 Resp: 2742
Ion Ratio Lower Upper
164 100
166 110.1 100.0 150.0
129 88.0 72.0 108.0
131 76.9 69.7 104.5

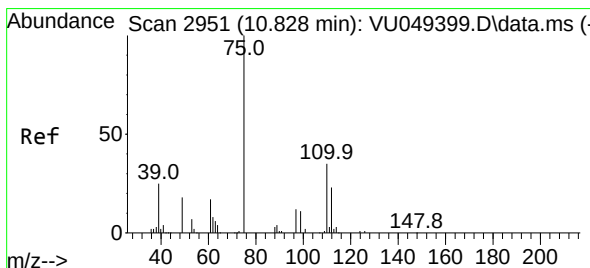
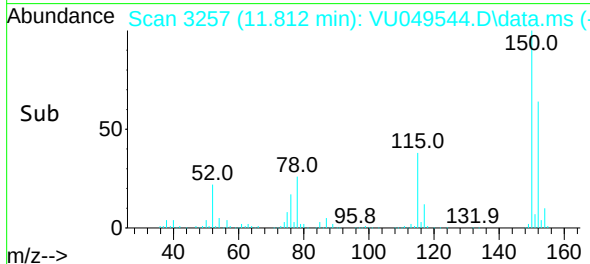
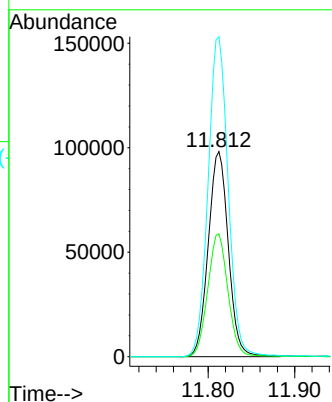
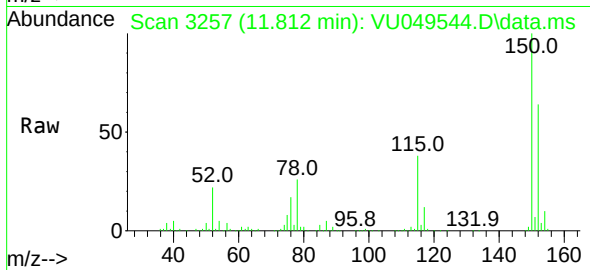




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.812 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU049544.D
 Acq: 30 Jun 2022 04:42

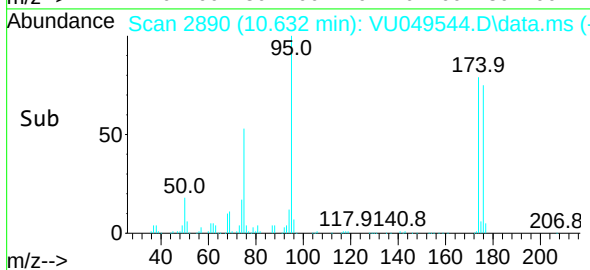
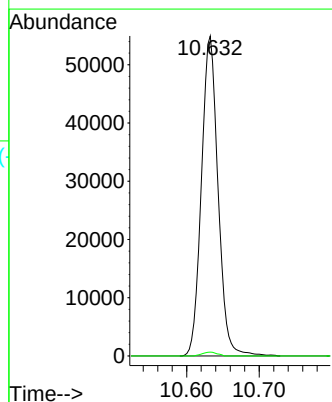
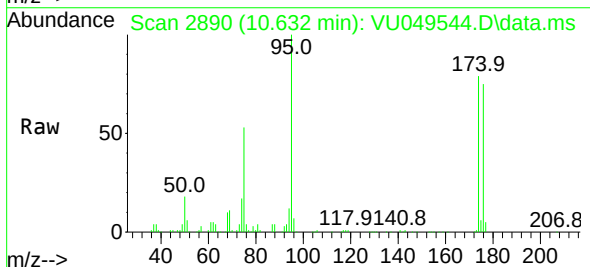
Instrument :
 MSVOA_U
 ClientSampleId :

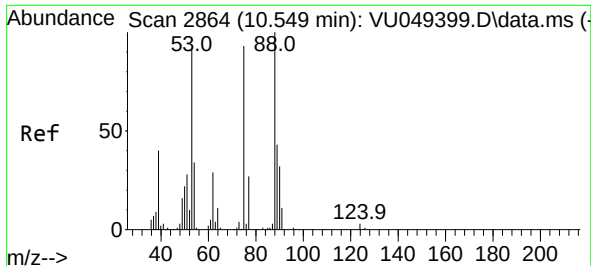
Tgt Ion:152 Resp: 158004
 Ion Ratio Lower Upper
 152 100
 115 60.4 37.0 110.9
 150 156.6 0.0 342.2



#76
 1,2,3-Trichloropropane
 Concen: 16.354 ug/l
 RT: 10.632 min Scan# 2890
 Delta R.T. -0.196 min
 Lab File: VU049544.D
 Acq: 30 Jun 2022 04:42

Tgt Ion: 75 Resp: 87593
 Ion Ratio Lower Upper
 75 100
 77 1.1 15.8 47.3#

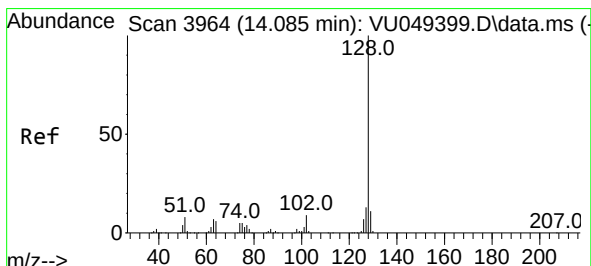
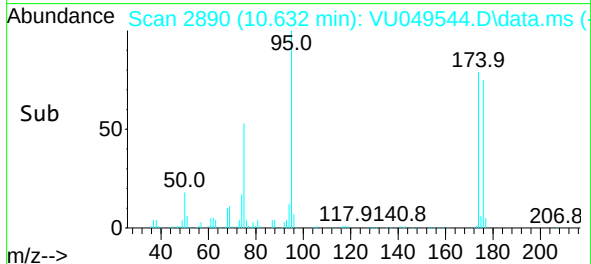
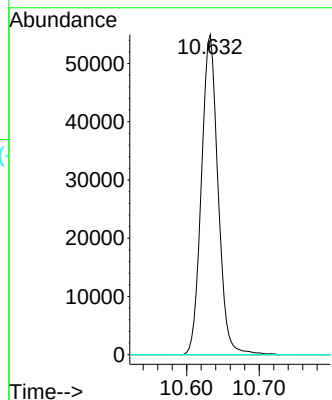
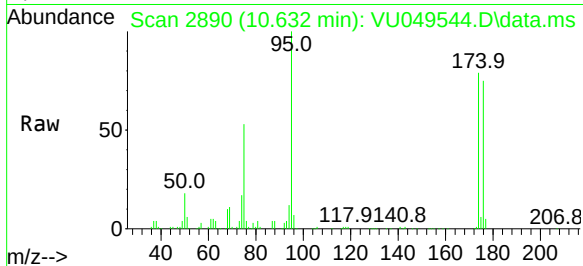




#81
trans-1,4-Dichloro-2-butene
Concen: 60.392 ug/l
RT: 10.632 min Scan# 21
Delta R.T. 0.084 min
Lab File: VU049544.D
Acq: 30 Jun 2022 04:42

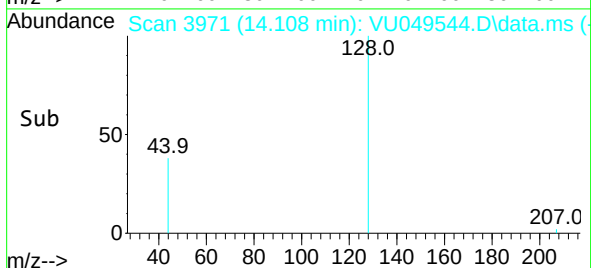
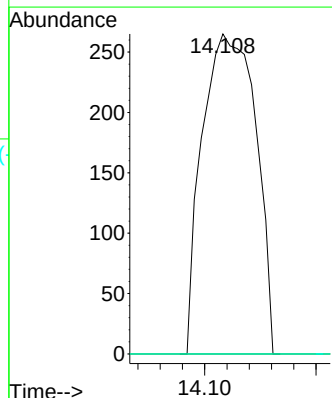
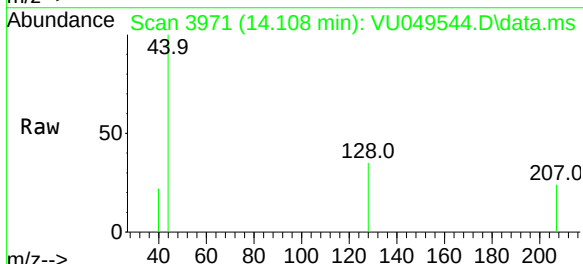
Instrument :
MSVOA_U
ClientSampleId :

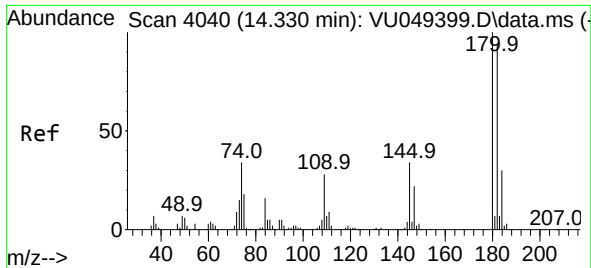
Tgt Ion: 75 Resp: 87593
Ion Ratio Lower Upper
75 100
53 0.0 69.2 103.8#
89 0.0 37.0 55.6#



#95
Naphthalene
Concen: 1.770 ug/l
RT: 14.108 min Scan# 3971
Delta R.T. 0.023 min
Lab File: VU049544.D
Acq: 30 Jun 2022 04:42

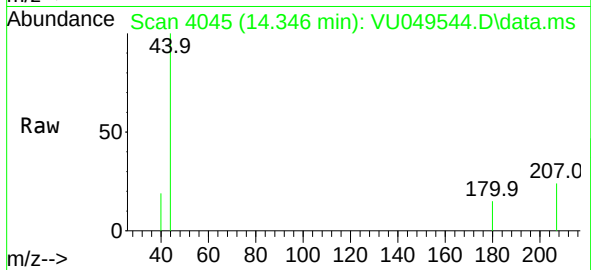
Tgt Ion: 128 Resp: 442
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.183 ug/l
 RT: 14.346 min Scan# 40
 Delta R.T. 0.016 min
 Lab File: VU049544.D
 Acq: 30 Jun 2022 04:42

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 22
 Ion Ratio Lower Upper
 180 100
 182 0.0 48.4 145.0#
 145 0.0 14.8 44.4#

