

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062722\
 Data File : VU049440.D
 Acq On : 28 Jun 2022 06:36
 Operator : SY/MD
 Sample : N3482-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-38

Quant Time: Jun 28 07:16:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 05:14:22 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

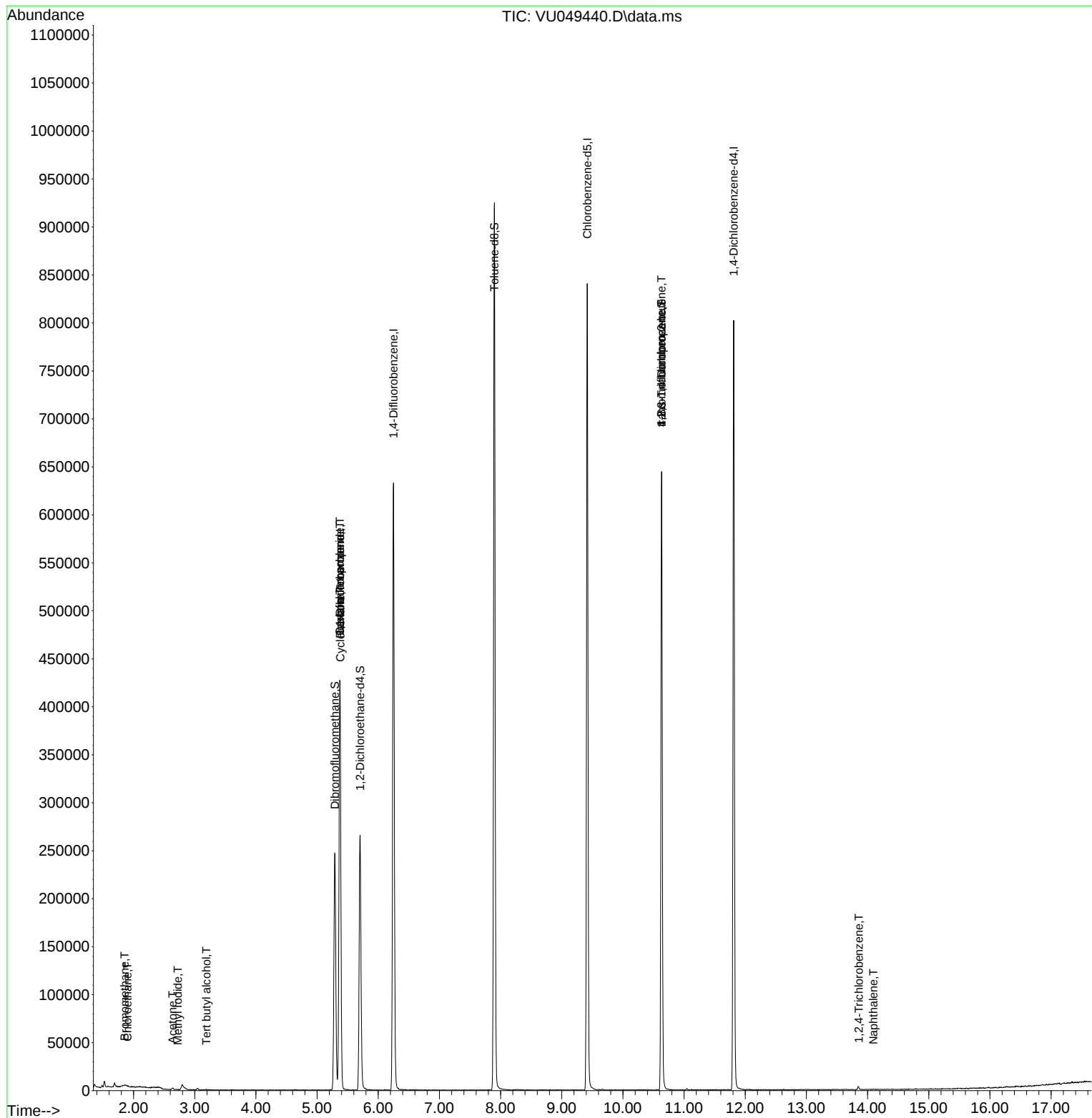
Internal Standards						
1) Pentafluorobenzene	5.375	168	299576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	515180	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	461121	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	212129	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	201956	43.773	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.540%
35) Dibromofluoromethane	5.292	113	161692	44.861	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.720%
50) Toluene-d8	7.899	98	609826	47.436	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.880%
62) 4-Bromofluorobenzene	10.632	95	220496	44.774	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.540%
Target Compounds						
					Qvalue	
5) Bromomethane	1.854	94	373	0.248	ug/l	91
6) Chloroethane	1.903	64	107	1.961	ug/l #	44
10) Methyl Iodide	2.723	142	75	7.532	ug/l #	43
11) Tert butyl alcohol	3.192	59	268	0.248	ug/l #	37
16) Acetone	2.639	43	2136	0.918	ug/l	92
20) Methylene Chloride	3.041	84	720	Below Cal	#	82
31) Cyclohexane	5.378	56	5852	0.845	ug/l #	1
36) 1,1-Dichloropropene	5.372	75	24293	4.648	ug/l #	48
38) Carbon Tetrachloride	5.372	117	30379	5.543	ug/l #	16
76) 1,2,3-Trichloropropane	10.632	75	111382	15.489	ug/l #	45
81) trans-1,4-Dichloro-2-b...	10.632	75	111382	57.199	ug/l #	15
93) 1,2,4-Trichlorobenzene	13.857	180	69	1.768	ug/l #	12
95) Naphthalene	14.095	128	393	1.759	ug/l #	69

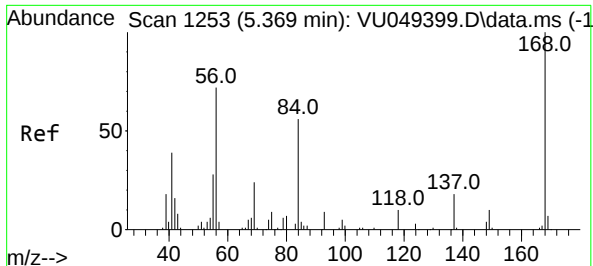
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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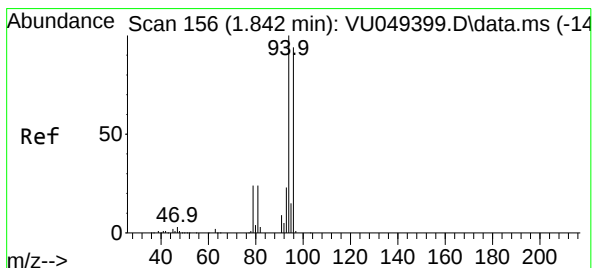
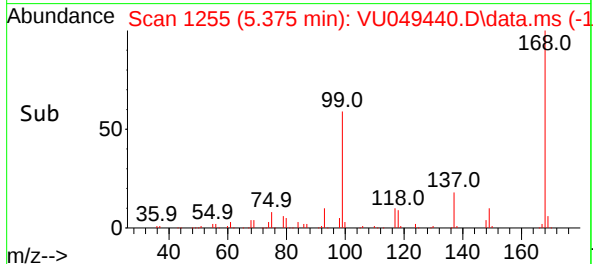
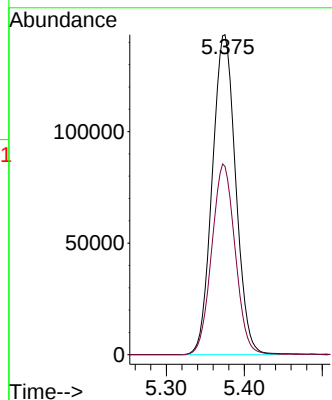
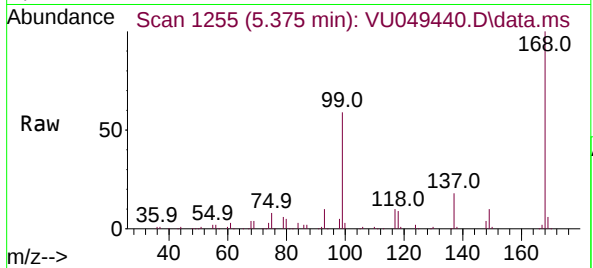




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU049440.D
Acq: 28 Jun 2022 06:36

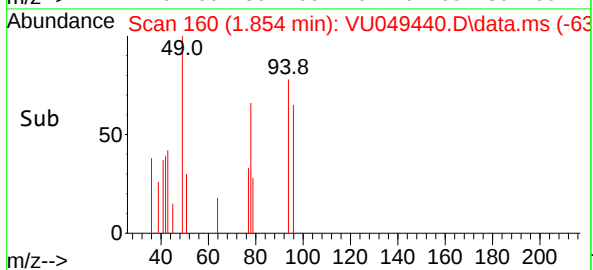
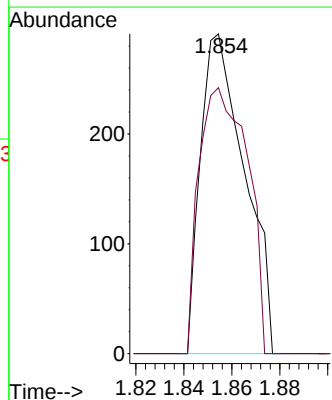
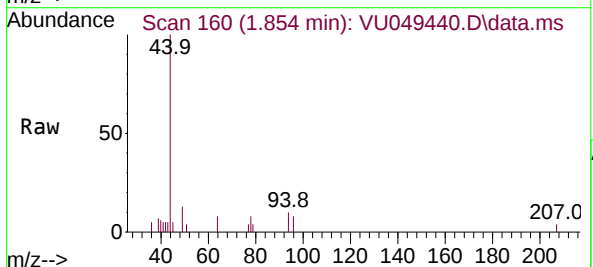
Instrument :
MSVOA_U
ClientSampleId :
MW-38

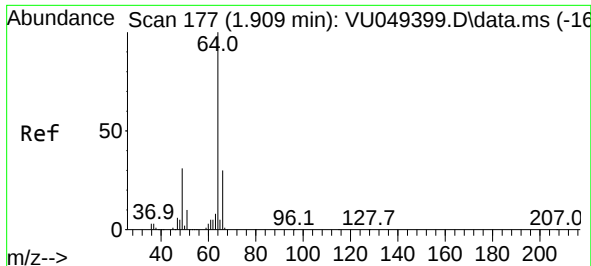
Tgt Ion:168 Resp: 299576
Ion Ratio Lower Upper
168 100
99 58.9 39.3 58.9



#5
Bromomethane
Concen: 0.248 ug/l
RT: 1.854 min Scan# 160
Delta R.T. 0.013 min
Lab File: VU049440.D
Acq: 28 Jun 2022 06:36

Tgt Ion: 94 Resp: 373
Ion Ratio Lower Upper
94 100
96 83.2 73.7 110.5

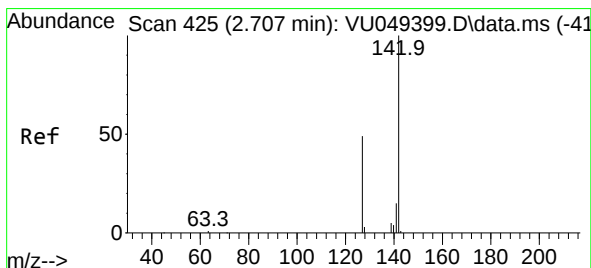
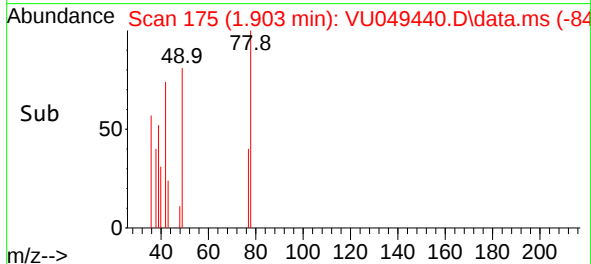
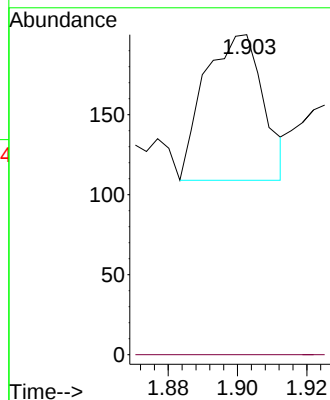
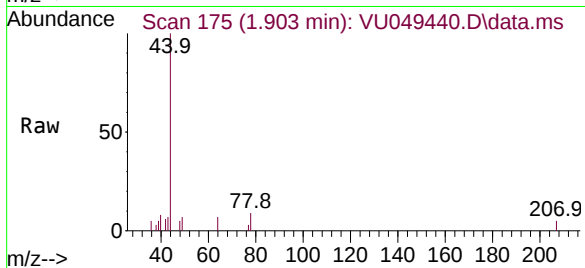




#6
Chloroethane
Concen: 1.961 ug/l
RT: 1.903 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU049440.D
Acq: 28 Jun 2022 06:36

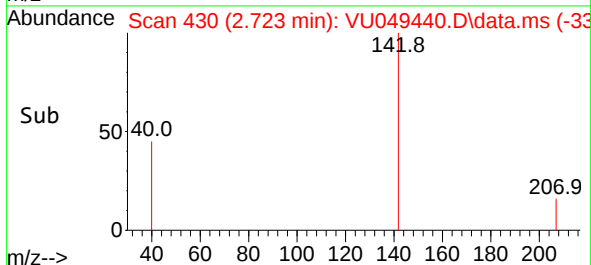
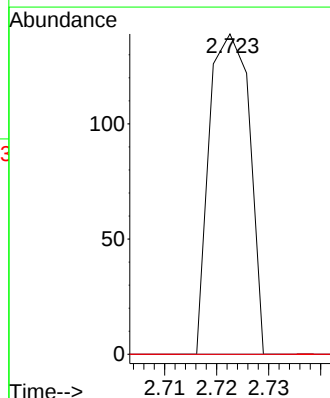
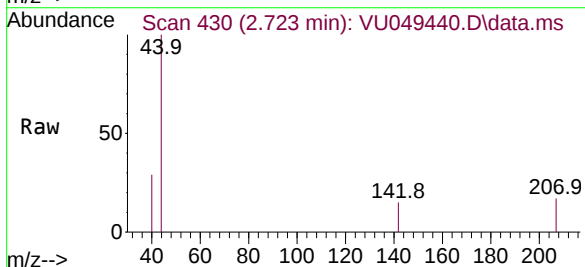
Instrument :
MSVOA_U
ClientSampleId :
MW-38

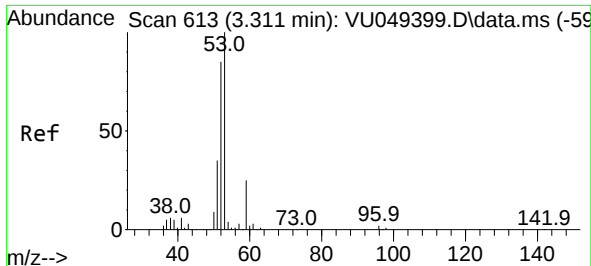
Tgt Ion: 64 Resp: 107
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#10
Methyl Iodide
Concen: 7.532 ug/l
RT: 2.723 min Scan# 430
Delta R.T. 0.016 min
Lab File: VU049440.D
Acq: 28 Jun 2022 06:36

Tgt Ion: 142 Resp: 75
Ion Ratio Lower Upper
142 100
127 0.0 32.5 48.7#
141 0.0 11.4 17.0#

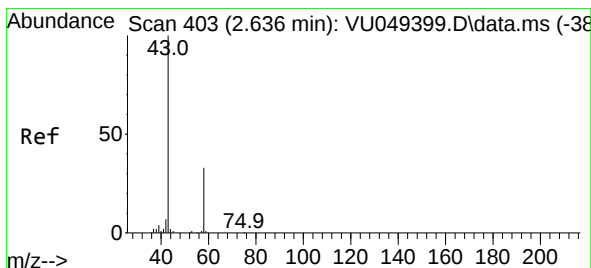
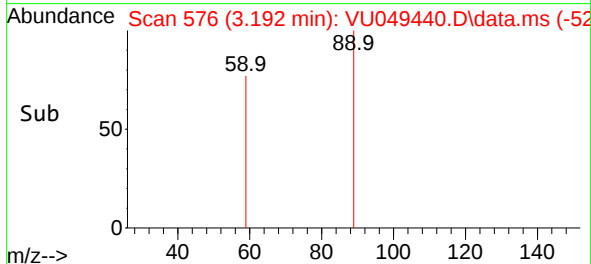
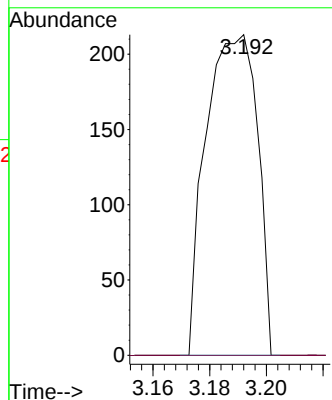
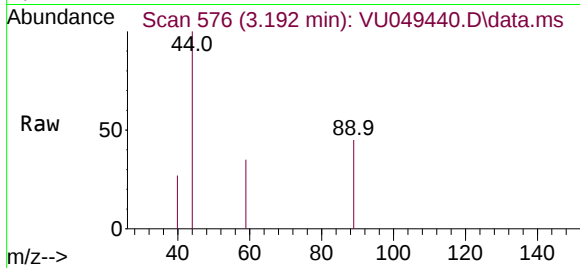




#11
Tert butyl alcohol
Concen: 0.248 ug/l
RT: 3.192 min Scan# 51
Delta R.T. -0.119 min
Lab File: VU049440.D
Acq: 28 Jun 2022 06:36

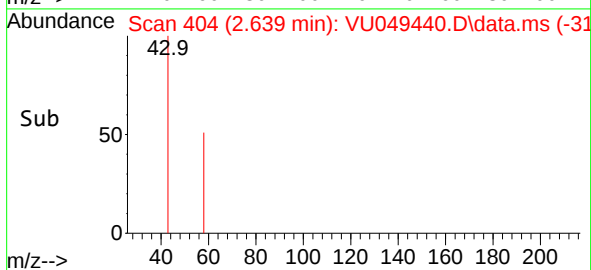
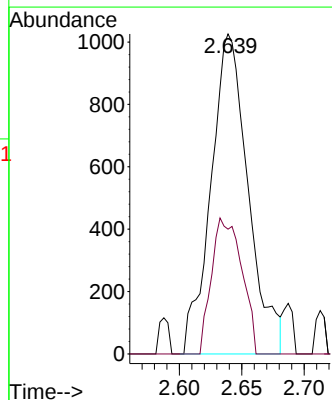
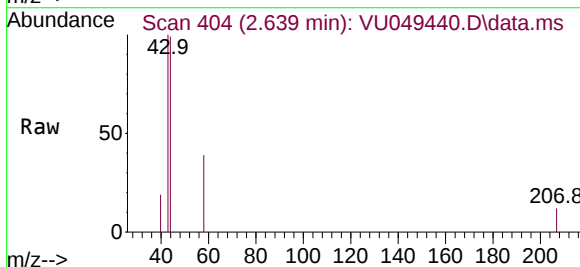
Instrument :
MSVOA_U
ClientSampleId :
MW-38

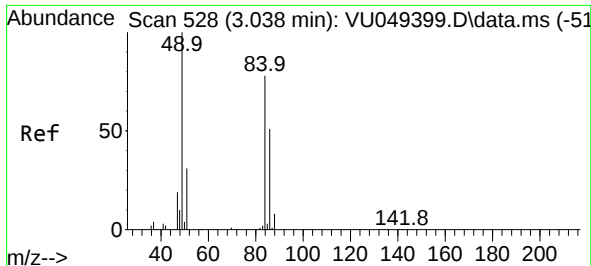
Tgt Ion: 59 Resp: 268
Ion Ratio Lower Upper
59 100
57 0.0 30.6 45.8#



#16
Acetone
Concen: 0.918 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.003 min
Lab File: VU049440.D
Acq: 28 Jun 2022 06:36

Tgt Ion: 43 Resp: 2136
Ion Ratio Lower Upper
43 100
58 39.0 27.5 41.3

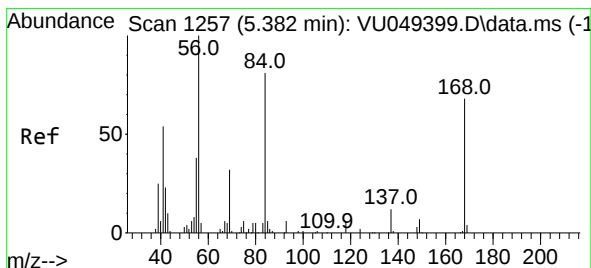
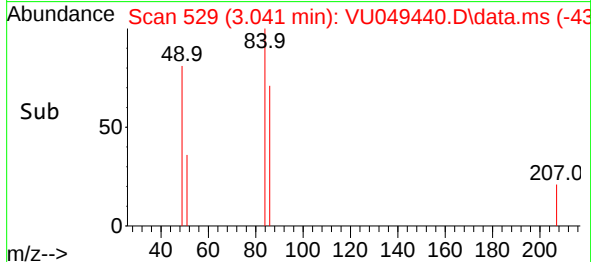
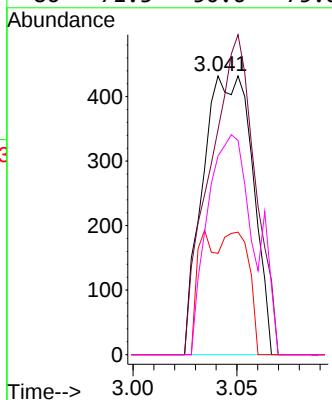
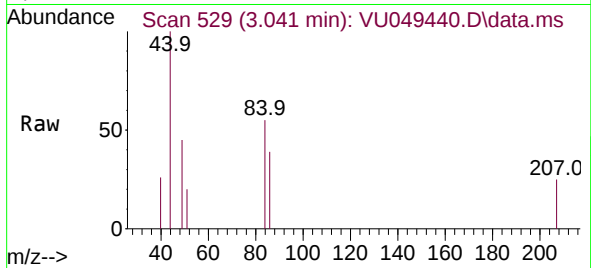




#20
Methylene Chloride
Concen: Below Cal
RT: 3.041 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU049440.D
Acq: 28 Jun 2022 06:36

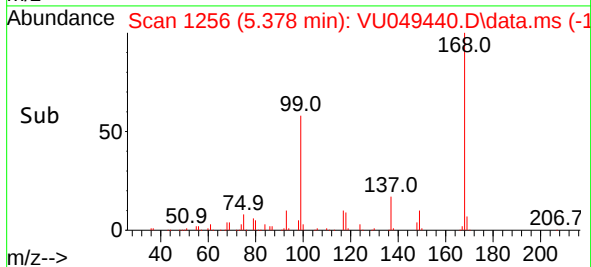
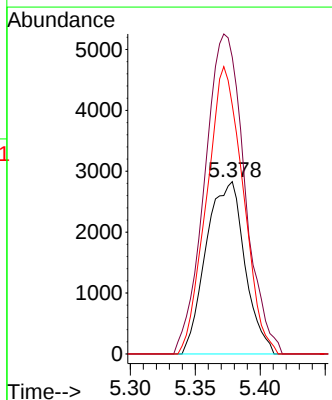
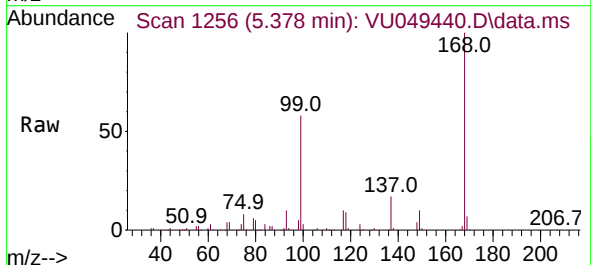
Instrument :
MSVOA_U
ClientSampleId :
MW-38

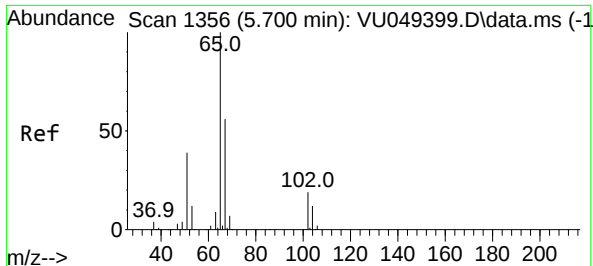
Tgt Ion:	84	Resp:	720
Ion	Ratio	Lower	Upper
84	100		
49	80.8	86.6	129.8#
51	36.3	26.6	40.0
86	71.3	50.6	75.8



#31
Cyclohexane
Concen: 0.845 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.003 min
Lab File: VU049440.D
Acq: 28 Jun 2022 06:36

Tgt Ion:	56	Resp:	5852
Ion	Ratio	Lower	Upper
56	100		
69	165.5	27.8	41.8#
84	144.3	74.2	111.4#





#33

1,2-Dichloroethane-d4

Concen: 43.773 ug/l

RT: 5.703 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU049440.D

Acq: 28 Jun 2022 06:36

Instrument :

MSVOA_U

ClientSampleId :

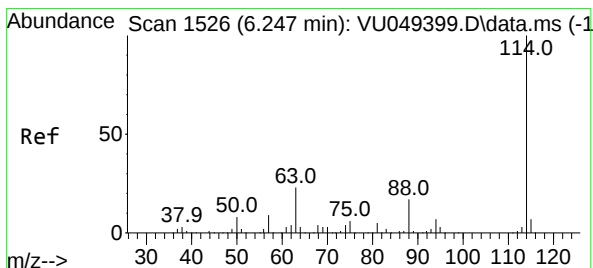
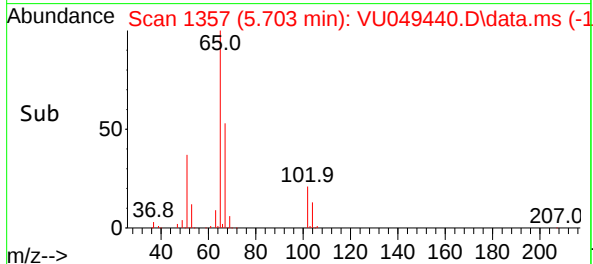
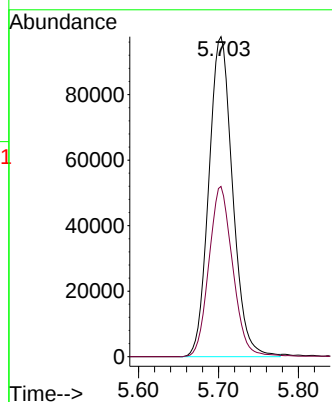
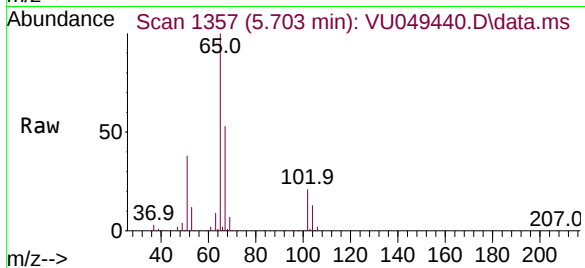
MW-38

Tgt Ion: 65 Resp: 201956

Ion Ratio Lower Upper

65 100

67 53.3 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. 0.003 min

Lab File: VU049440.D

Acq: 28 Jun 2022 06:36

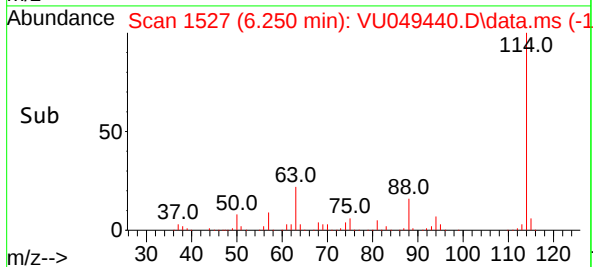
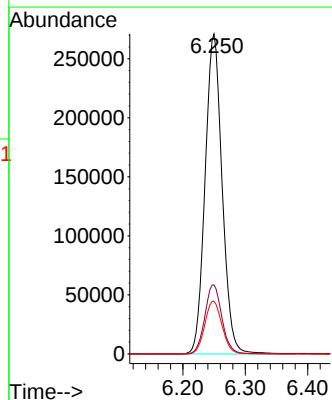
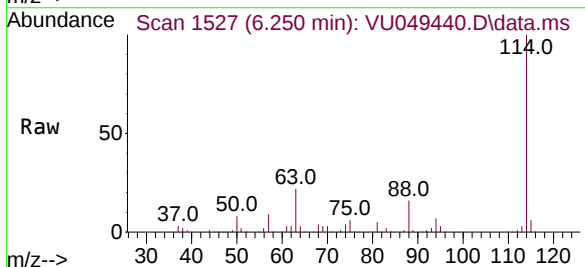
Tgt Ion: 114 Resp: 515180

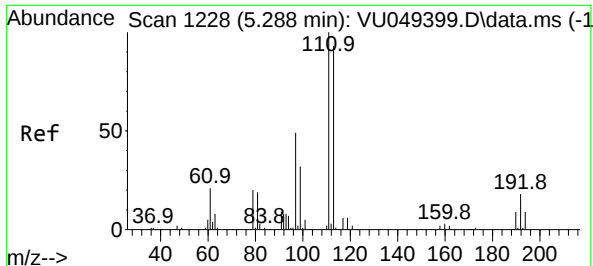
Ion Ratio Lower Upper

114 100

63 21.6 0.0 37.8

88 16.5 0.0 29.2





#35

Dibromofluoromethane

Concen: 44.861 ug/l

RT: 5.292 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU049440.D

Acq: 28 Jun 2022 06:36

Instrument :

MSVOA_U

ClientSampleId :

MW-38

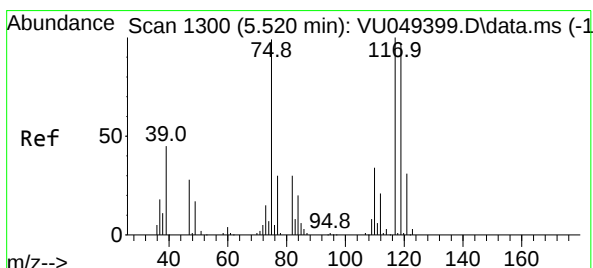
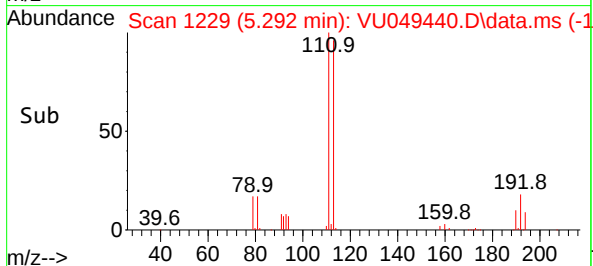
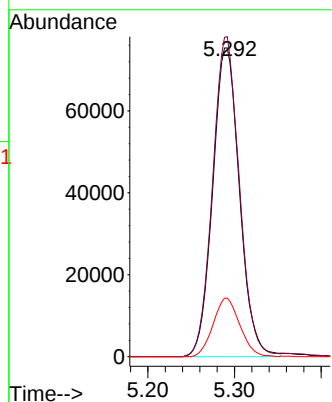
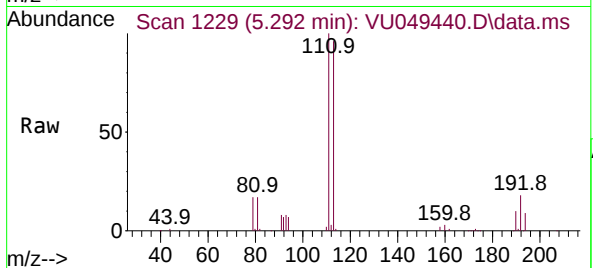
Tgt Ion:113 Resp: 161692

Ion Ratio Lower Upper

113 100

111 103.1 82.1 123.1

192 18.9 18.0 27.0



#36

1,1-Dichloropropene

Concen: 4.648 ug/l

RT: 5.372 min Scan# 1254

Delta R.T. -0.148 min

Lab File: VU049440.D

Acq: 28 Jun 2022 06:36

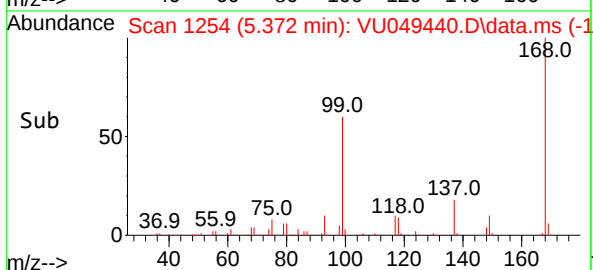
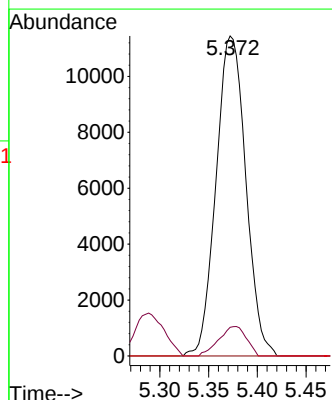
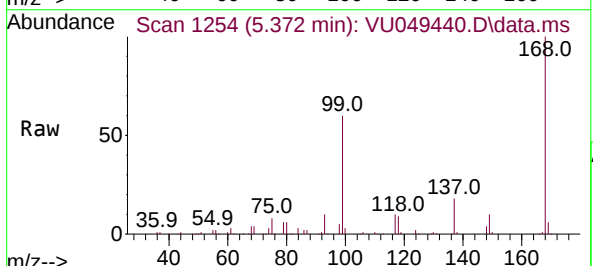
Tgt Ion: 75 Resp: 24293

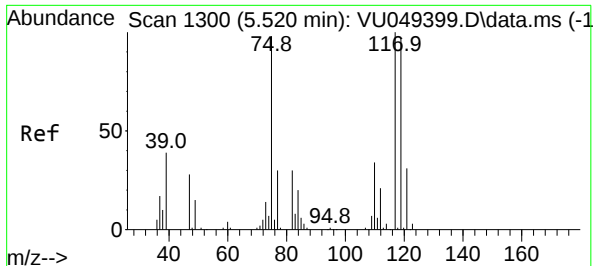
Ion Ratio Lower Upper

75 100

110 8.5 18.4 55.2#

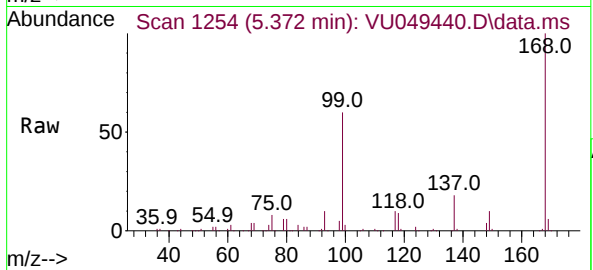
77 0.0 25.1 37.7#



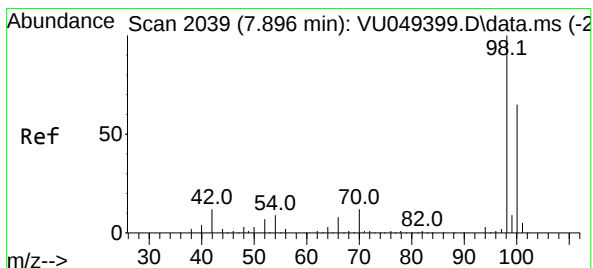
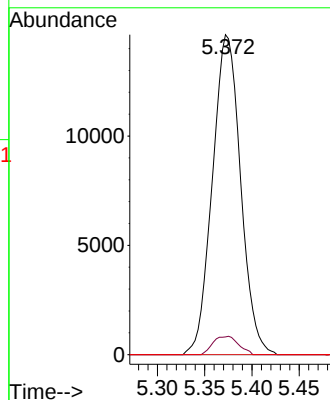
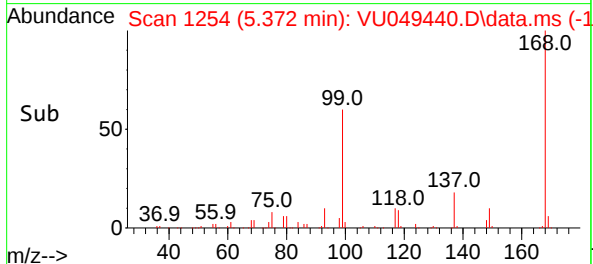


#38
Carbon Tetrachloride
Concen: 5.543 ug/l
RT: 5.372 min Scan# 117
Delta R.T. -0.148 min
Lab File: VU049440.D
Acq: 28 Jun 2022 06:36

Instrument :
MSVOA_U
ClientSampleId :
MW-38

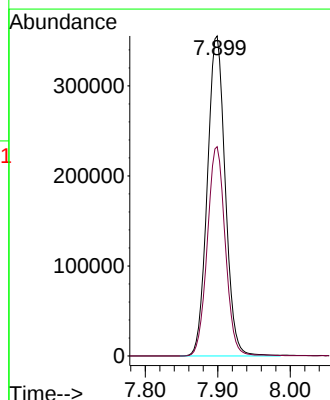
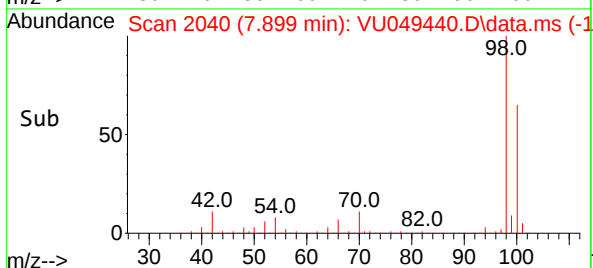
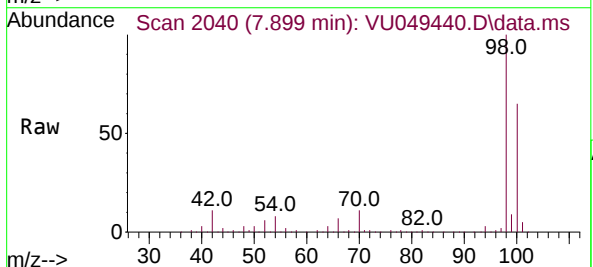


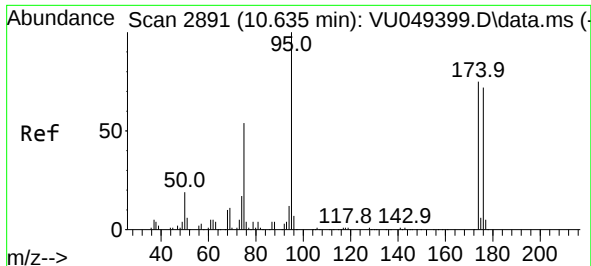
Tgt Ion:117 Resp: 30379
Ion Ratio Lower Upper
117 100
119 5.5 76.8 115.2#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 47.436 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.003 min
Lab File: VU049440.D
Acq: 28 Jun 2022 06:36

Tgt Ion: 98 Resp: 609826
Ion Ratio Lower Upper
98 100
100 65.4 51.7 77.5

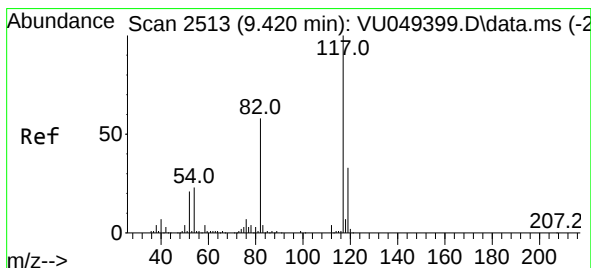
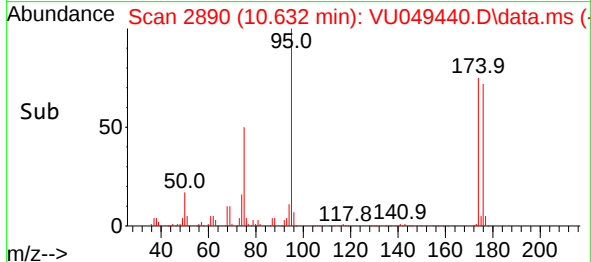
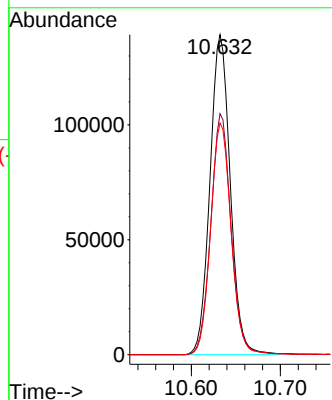
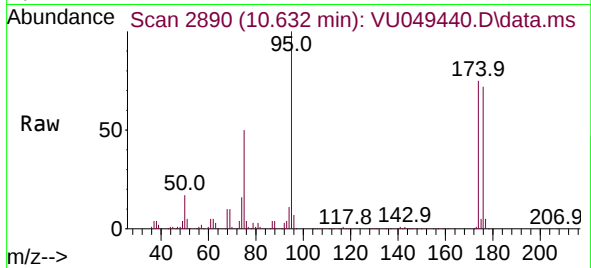




#62
4-Bromofluorobenzene
Concen: 44.774 ug/l
RT: 10.632 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049440.D
Acq: 28 Jun 2022 06:36

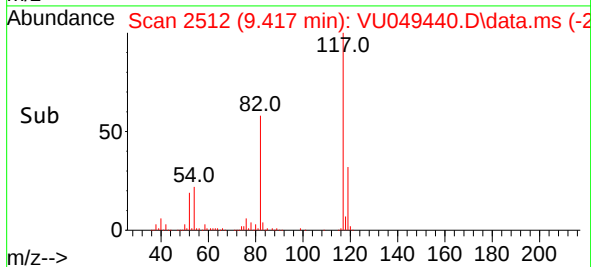
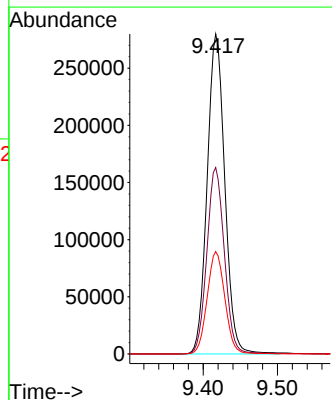
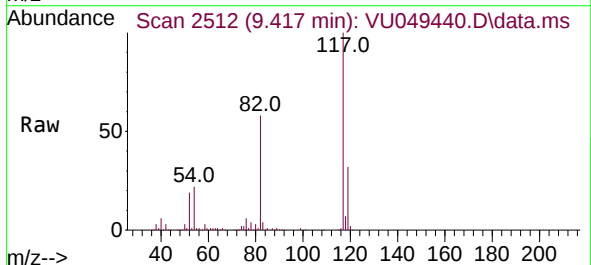
Instrument :
MSVOA_U
ClientSampleId :
MW-38

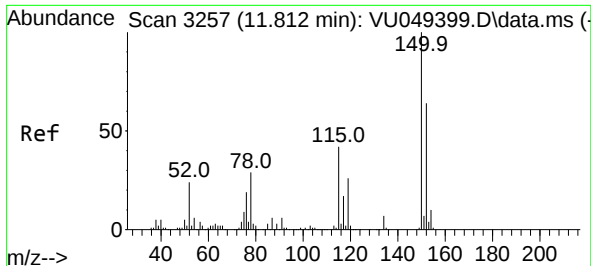
Tgt Ion: 95 Resp: 220496
Ion Ratio Lower Upper
95 100
174 75.3 0.0 182.0
176 73.0 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.003 min
Lab File: VU049440.D
Acq: 28 Jun 2022 06:36

Tgt Ion: 117 Resp: 461121
Ion Ratio Lower Upper
117 100
82 58.2 41.7 62.5
119 32.0 25.7 38.5

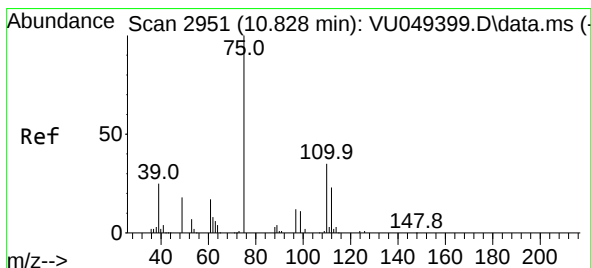
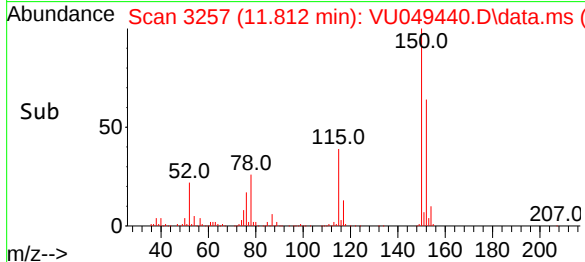
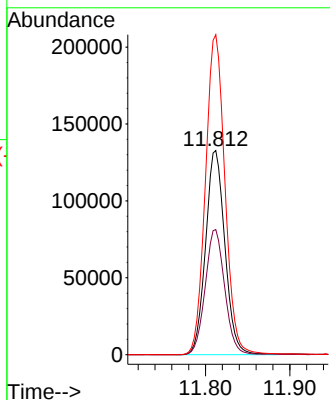
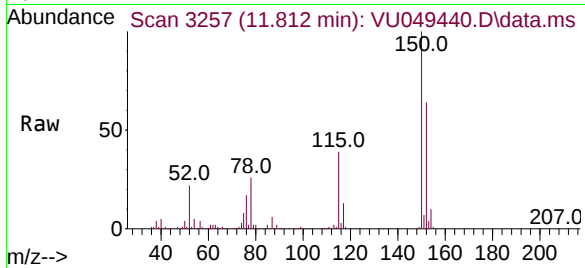




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.812 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU049440.D
 Acq: 28 Jun 2022 06:36

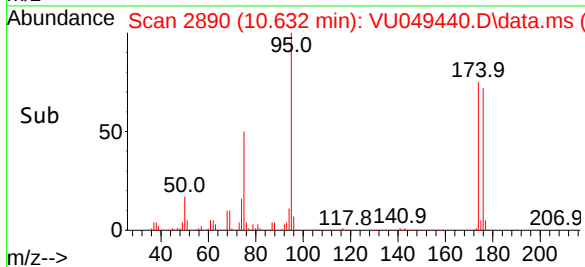
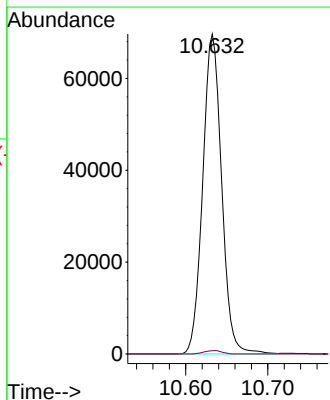
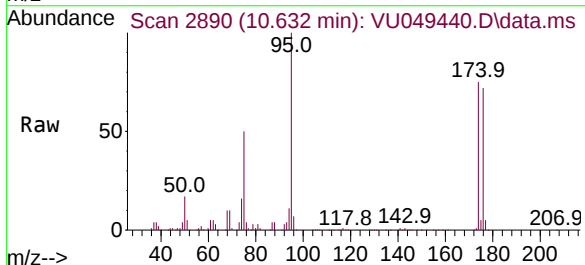
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-38

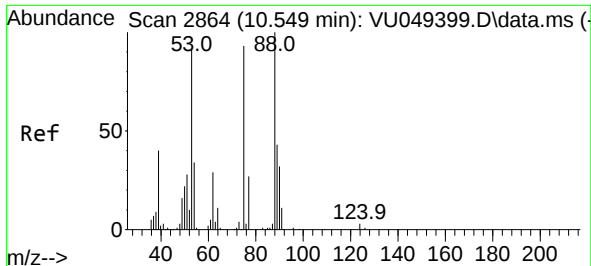
Tgt Ion:152 Resp: 212129
 Ion Ratio Lower Upper
 152 100
 115 61.7 37.0 110.9
 150 158.1 0.0 342.2



#76
 1,2,3-Trichloropropane
 Concen: 15.489 ug/l
 RT: 10.632 min Scan# 2890
 Delta R.T. -0.196 min
 Lab File: VU049440.D
 Acq: 28 Jun 2022 06:36

Tgt Ion: 75 Resp: 111382
 Ion Ratio Lower Upper
 75 100
 77 1.0 15.8 47.3#

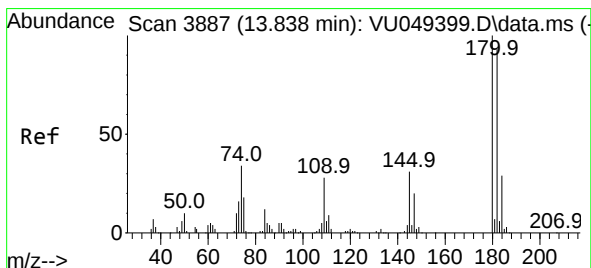
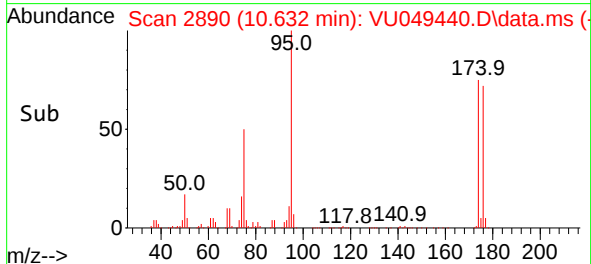
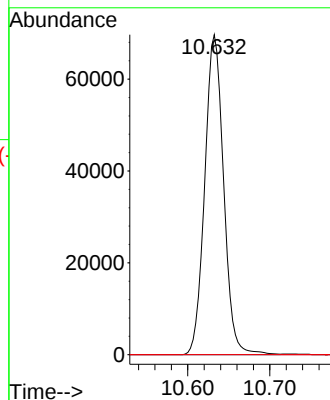
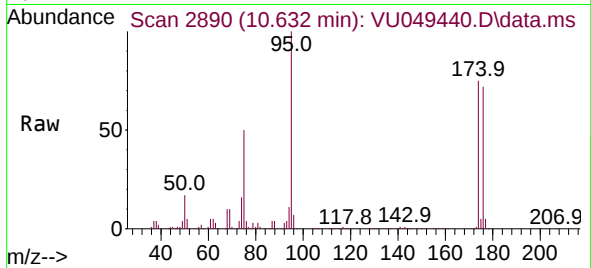




#81
trans-1,4-Dichloro-2-butene
Concen: 57.199 ug/l
RT: 10.632 min Scan# 211
Delta R.T. 0.084 min
Lab File: VU049440.D
Acq: 28 Jun 2022 06:36

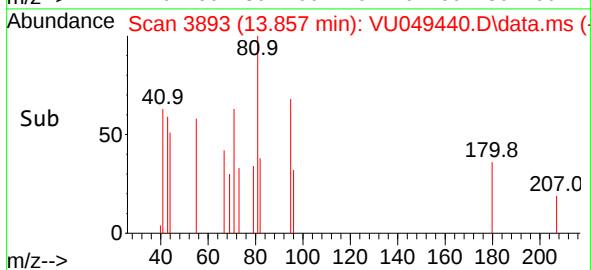
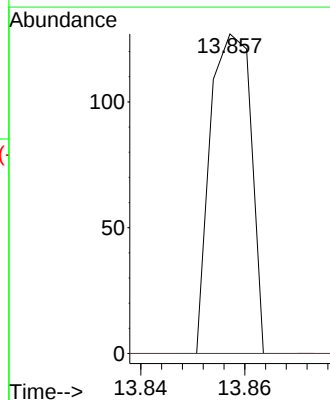
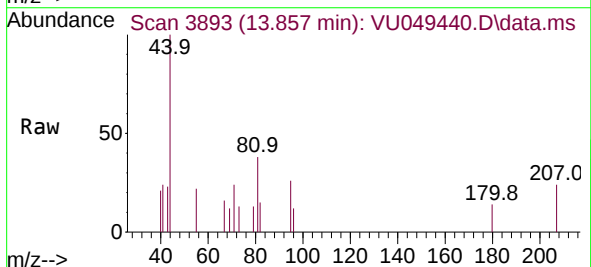
Instrument :
MSVOA_U
ClientSampleId :
MW-38

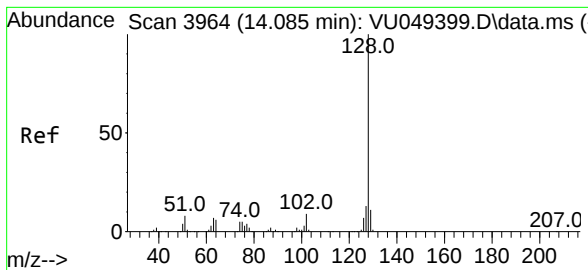
Tgt Ion: 75 Resp: 111382
Ion Ratio Lower Upper
75 100
53 0.0 69.2 103.8#
89 0.0 37.0 55.6#



#93
1,2,4-Trichlorobenzene
Concen: 1.768 ug/l
RT: 13.857 min Scan# 3893
Delta R.T. 0.019 min
Lab File: VU049440.D
Acq: 28 Jun 2022 06:36

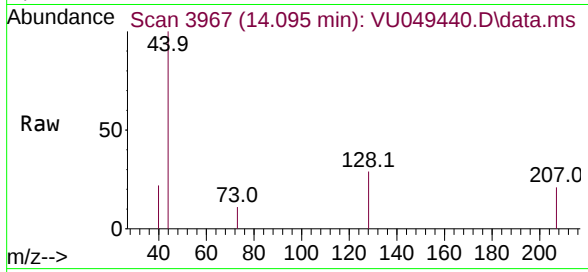
Tgt Ion:180 Resp: 69
Ion Ratio Lower Upper
180 100
182 0.0 47.9 143.6#
145 0.0 14.0 41.9#





#95
 Naphthalene
 Concen: 1.759 ug/l
 RT: 14.095 min Scan# 3967
 Delta R.T. 0.010 min
 Lab File: VU049440.D
 Acq: 28 Jun 2022 06:36

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-38



Tgt Ion:	128	Resp:	393
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.6	13.0#

