

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062722\
 Data File : VU049430.D
 Acq On : 28 Jun 2022 02:40
 Operator : SY/MD
 Sample : N3386-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW181S-20220614

Quant Time: Jun 28 07:13:47 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)

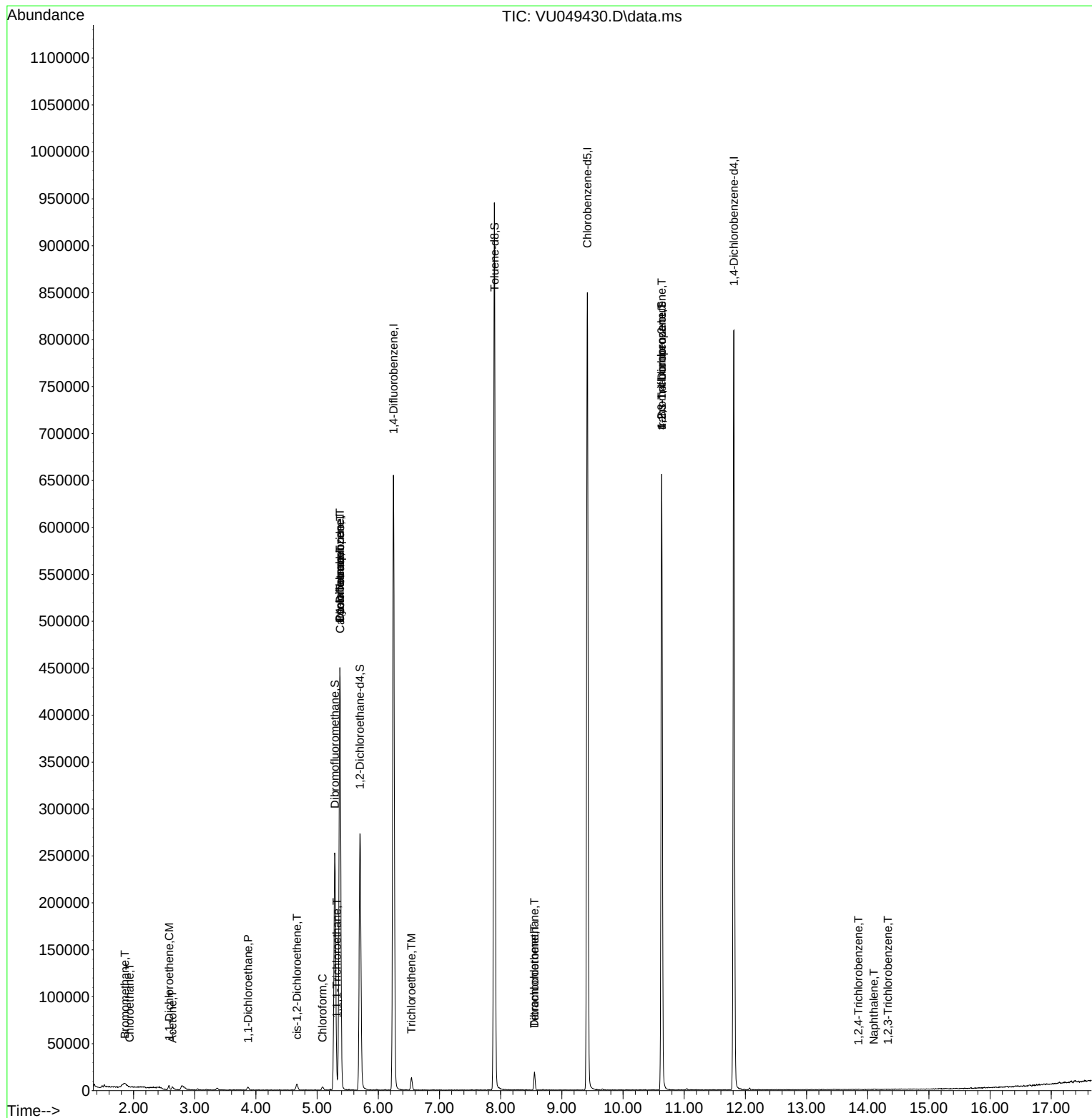
Internal Standards						
1) Pentafluorobenzene	5.372	168	309060	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	532001	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	469098	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	212387	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	205556	43.187	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.380%
35) Dibromofluoromethane	5.289	113	164912	44.307	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.620%
50) Toluene-d8	7.899	98	626799	47.215	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.420%
62) 4-Bromofluorobenzene	10.632	95	227402	44.717	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.440%
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	2244	Below Cal		96
5) Bromomethane	1.858	94	367	0.236	ug/l #	73
6) Chloroethane	1.935	64	85	1.951	ug/l #	44
12) 1,1-Dichloroethene	2.581	96	1526	0.455	ug/l	90
16) Acetone	2.636	43	4121	1.717	ug/l #	84
20) Methylene Chloride	3.041	84	406	Below Cal	#	72
24) 1,1-Dichloroethane	3.874	63	3989	0.536	ug/l #	93
27) cis-1,2-Dichloroethene	4.671	96	3367	0.805	ug/l	97
30) Chloroform	5.089	83	3540	0.481	ug/l	93
31) Cyclohexane	5.372	56	6113	0.855	ug/l #	1
32) 1,1,1-Trichloroethane	5.321	97	1786	0.280	ug/l #	50
36) 1,1-Dichloropropene	5.372	75	24425	4.526	ug/l #	48
38) Carbon Tetrachloride	5.375	117	31869	5.631	ug/l #	16
44) Trichloroethene	6.539	130	4538	1.172	ug/l	88
60) Dibromochloromethane	8.552	129	4036	0.969	ug/l #	11
64) Tetrachloroethene	8.552	164	4089	1.359	ug/l #	90
76) 1,2,3-Trichloropropane	10.632	75	112856	15.675	ug/l #	45
81) trans-1,4-Dichloro-2-b...	10.632	75	112856	57.886	ug/l #	15
93) 1,2,4-Trichlorobenzene	13.848	180	130	1.780	ug/l #	60
95) Naphthalene	14.102	128	1076	1.798	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.330	180	98	1.197	ug/l #	28

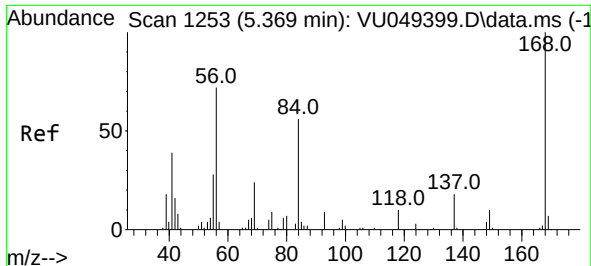
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062722\
Data File : VU049430.D
Acq On : 28 Jun 2022 02:40
Operator : SY/MD
Sample : N3386-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MW181S-20220614

Quant Time: Jun 28 07:13:47 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

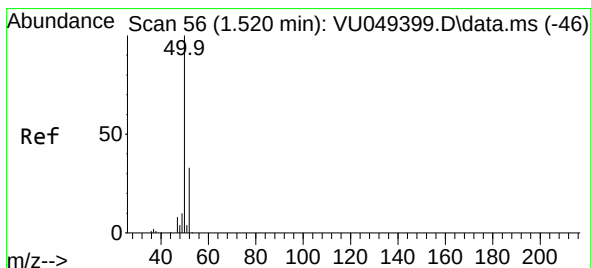
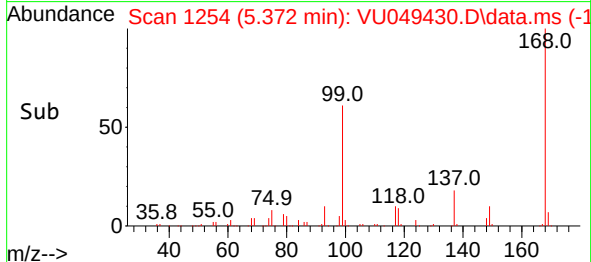
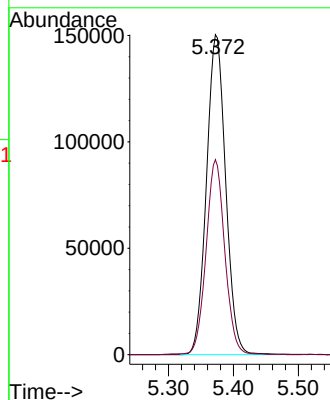
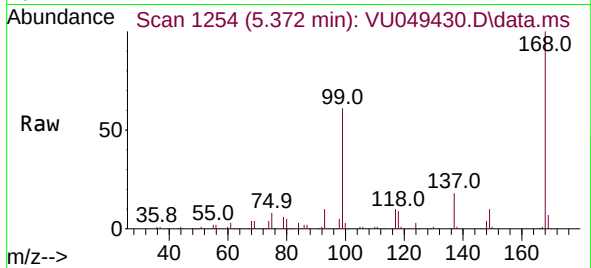




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049430.D
Acq: 28 Jun 2022 02:40

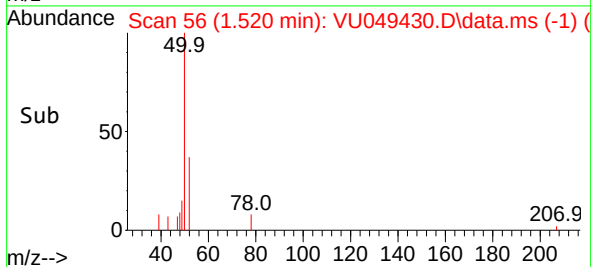
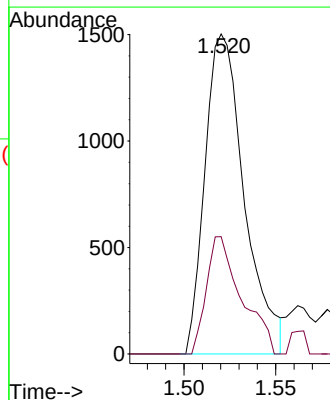
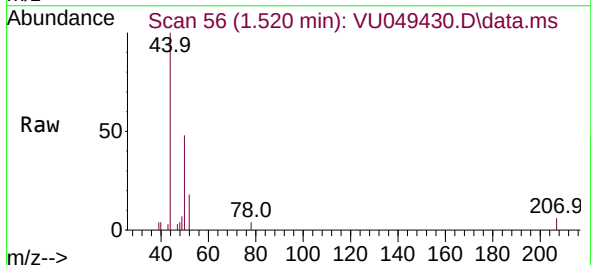
Instrument :
MSVOA_U
ClientSampleId :
MW181S-20220614

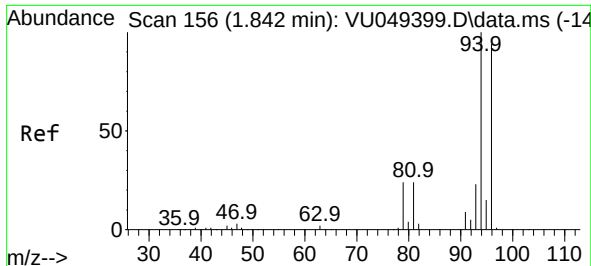
Tgt Ion:168 Resp: 309060
Ion Ratio Lower Upper
168 100
99 60.9 39.3 58.9#



#3
Chloromethane
Concen: Below Cal
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU049430.D
Acq: 28 Jun 2022 02:40

Tgt Ion: 50 Resp: 2244
Ion Ratio Lower Upper
50 100
52 36.7 27.4 41.2

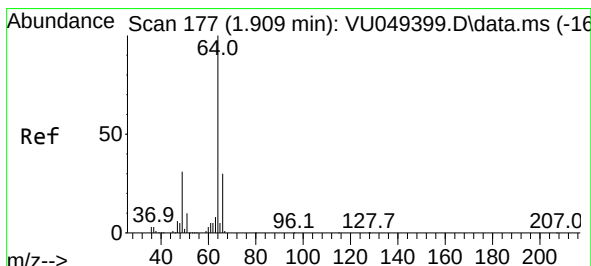
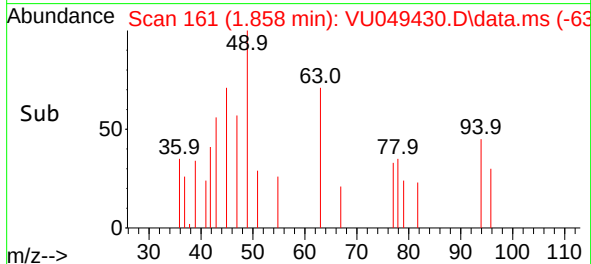
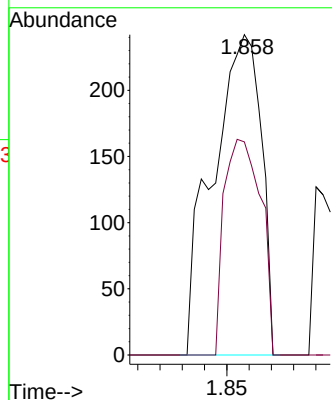
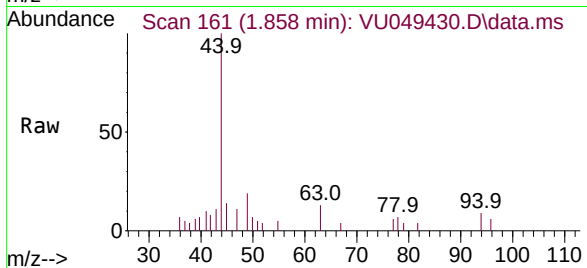




#5
Bromomethane
Concen: 0.236 ug/l
RT: 1.858 min Scan# 1
Delta R.T. 0.016 min
Lab File: VU049430.D
Acq: 28 Jun 2022 02:40

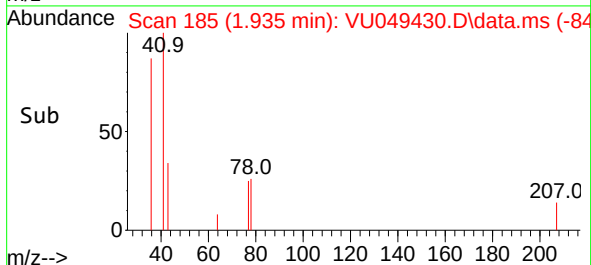
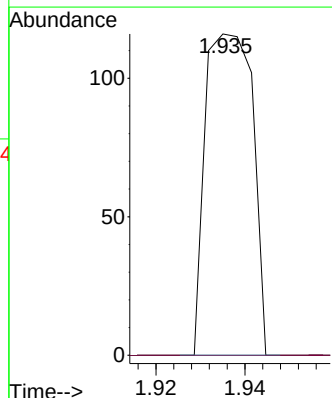
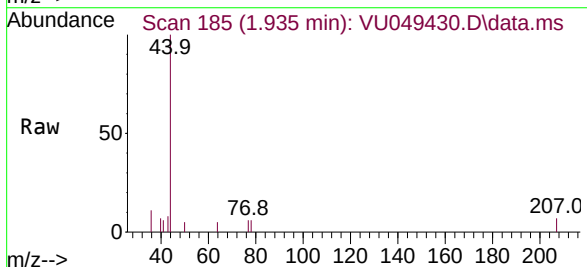
Instrument :
MSVOA_U
ClientSampleId :
MW181S-20220614

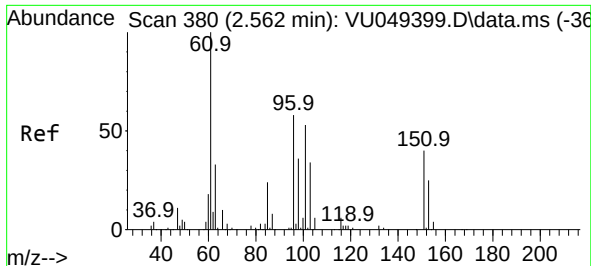
Tgt Ion: 94 Resp: 367
Ion Ratio Lower Upper
94 100
96 66.5 73.7 110.5#



#6
Chloroethane
Concen: 1.951 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.026 min
Lab File: VU049430.D
Acq: 28 Jun 2022 02:40

Tgt Ion: 64 Resp: 85
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#





#12

1,1-Dichloroethene

Concen: 0.455 ug/l

RT: 2.581 min Scan# 380

Delta R.T. 0.019 min

Lab File: VU049430.D

Acq: 28 Jun 2022 02:40

Instrument :

MSVOA_U

ClientSampleId :

MW181S-20220614

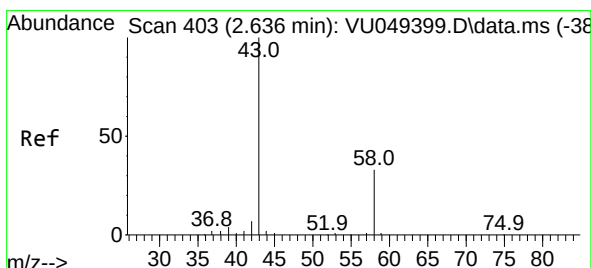
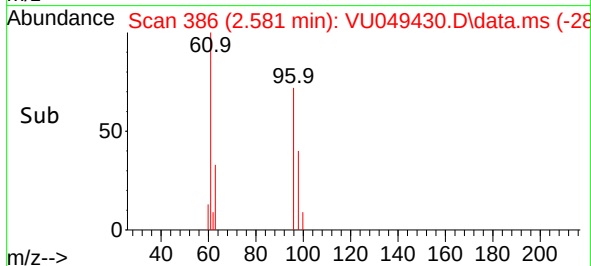
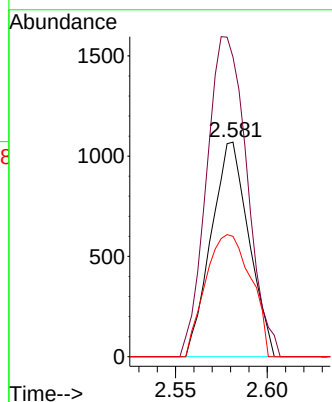
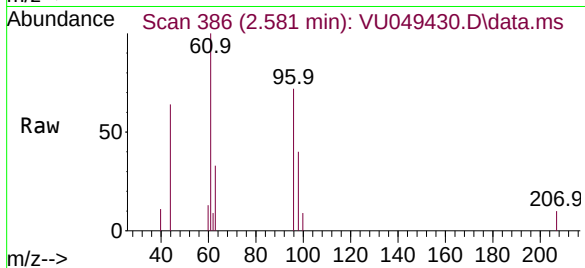
Tgt Ion: 96 Resp: 1526

Ion Ratio Lower Upper

96 100

61 139.6 122.2 183.2

98 56.1 50.7 76.1



#16

Acetone

Concen: 1.717 ug/l

RT: 2.636 min Scan# 403

Delta R.T. 0.000 min

Lab File: VU049430.D

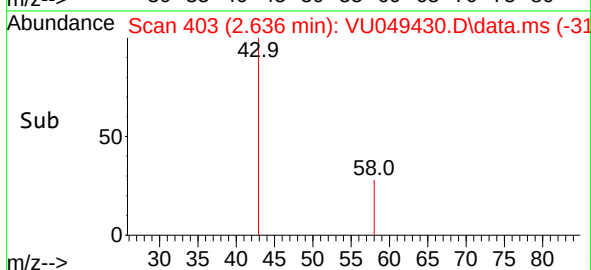
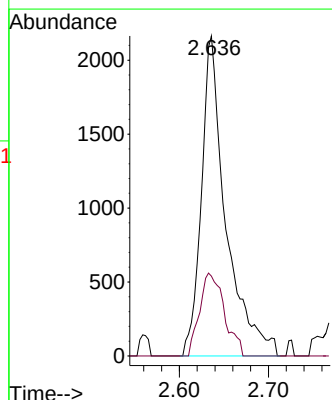
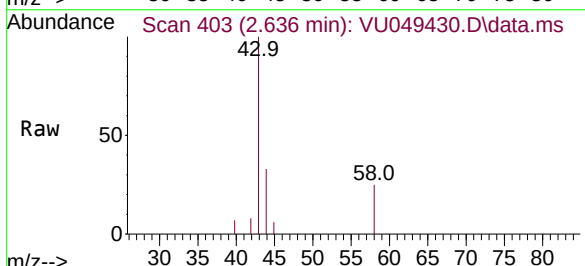
Acq: 28 Jun 2022 02:40

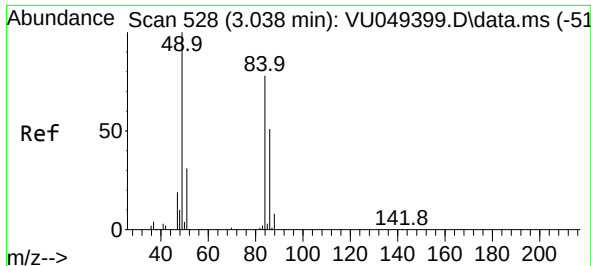
Tgt Ion: 43 Resp: 4121

Ion Ratio Lower Upper

43 100

58 25.0 27.5 41.3#

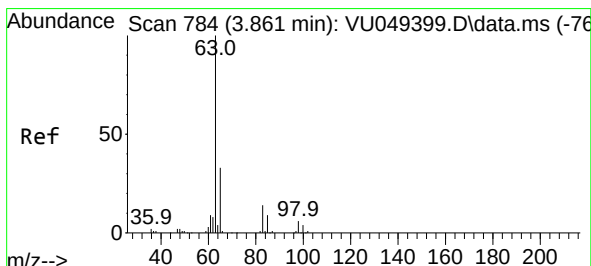
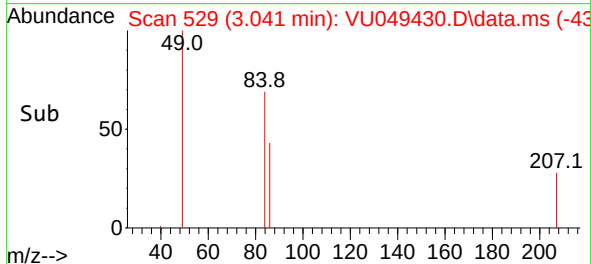
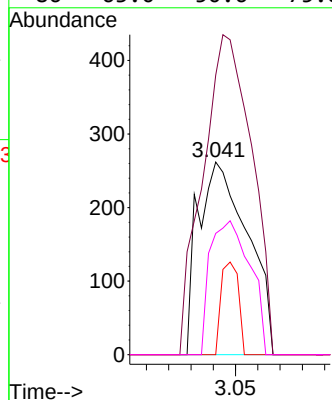
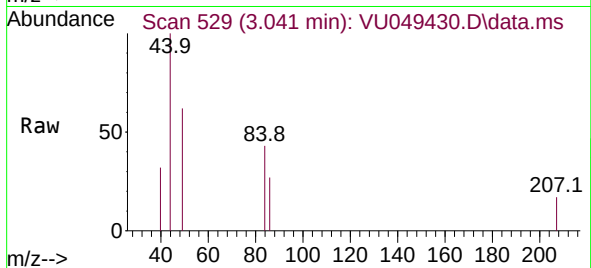




#20
Methylene Chloride
Concen: Below Cal
RT: 3.041 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU049430.D
Acq: 28 Jun 2022 02:40

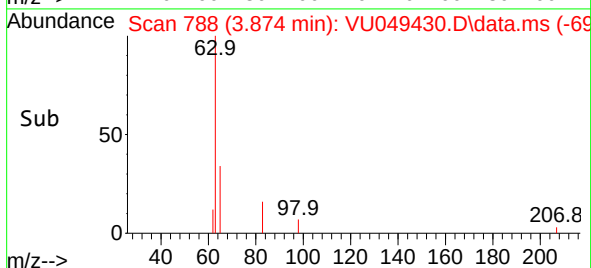
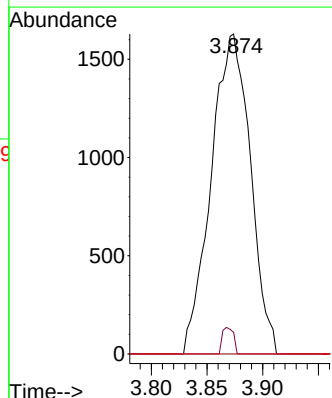
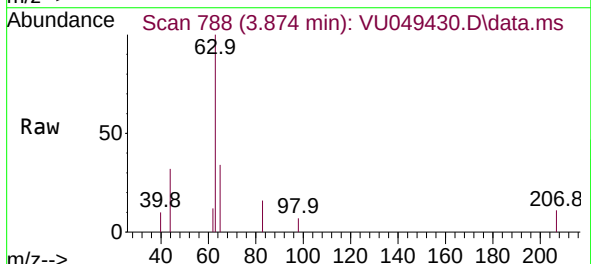
Instrument :
MSVOA_U
ClientSampleId :
MW181S-20220614

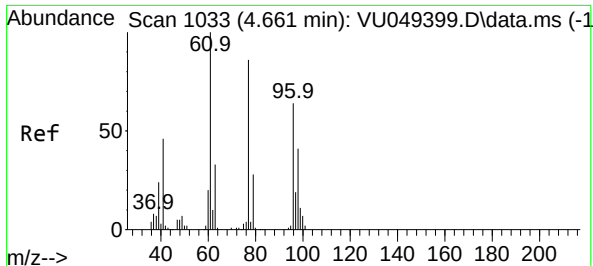
Tgt Ion:	84	Resp:	406
Ion	Ratio	Lower	Upper
84	100		
49	145.0	86.6	129.8#
51	0.0	26.6	40.0#
86	63.0	50.6	75.8



#24
1,1-Dichloroethane
Concen: 0.536 ug/l
RT: 3.874 min Scan# 788
Delta R.T. 0.013 min
Lab File: VU049430.D
Acq: 28 Jun 2022 02:40

Tgt Ion:	63	Resp:	3989
Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.6	10.9
100	0.0	2.4	7.2#

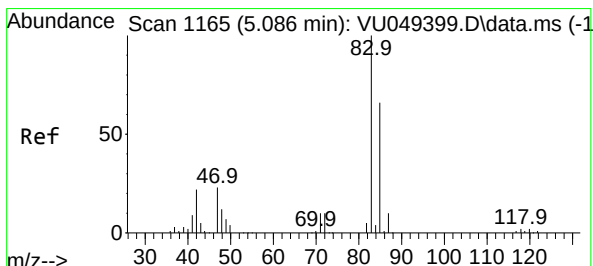
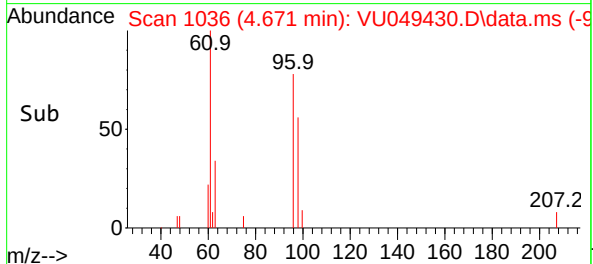
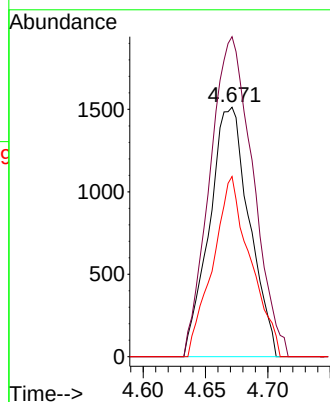
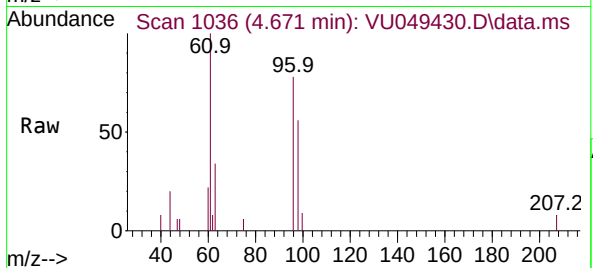




#27
cis-1,2-Dichloroethene
Concen: 0.805 ug/l
RT: 4.671 min Scan# 1033
Delta R.T. 0.010 min
Lab File: VU049430.D
Acq: 28 Jun 2022 02:40

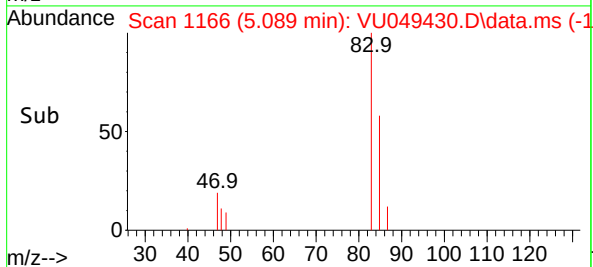
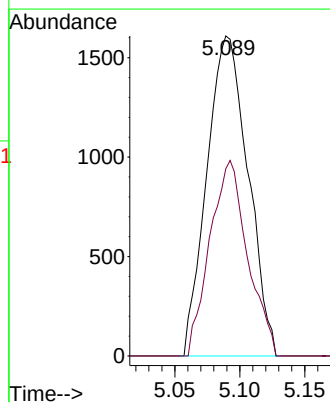
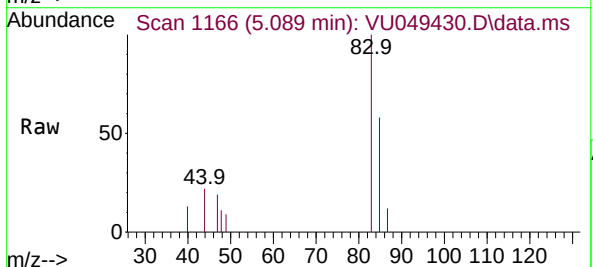
Instrument :
MSVOA_U
ClientSampleId :
MW181S-20220614

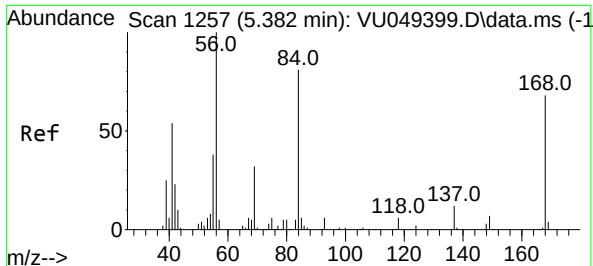
Tgt Ion: 96 Resp: 3367
Ion Ratio Lower Upper
96 100
61 138.5 0.0 271.6
98 68.1 0.0 128.2



#30
Chloroform
Concen: 0.481 ug/l
RT: 5.089 min Scan# 1166
Delta R.T. 0.003 min
Lab File: VU049430.D
Acq: 28 Jun 2022 02:40

Tgt Ion: 83 Resp: 3540
Ion Ratio Lower Upper
83 100
85 58.5 51.2 76.8





#31

Cyclohexane

Concen: 0.855 ug/l

RT: 5.372 min Scan# 1254

Delta R.T. -0.009 min

Lab File: VU049430.D

Acq: 28 Jun 2022 02:40

Instrument :

MSVOA_U

ClientSampleId :

MW181S-20220614

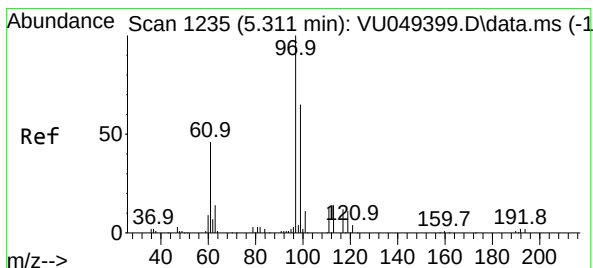
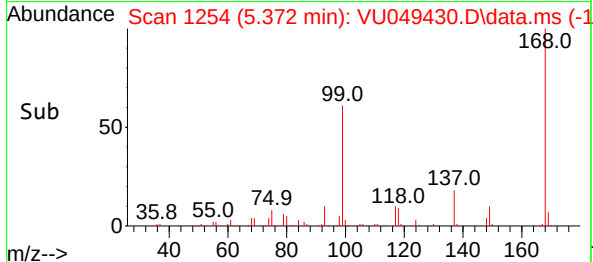
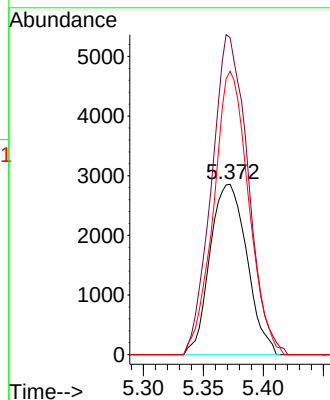
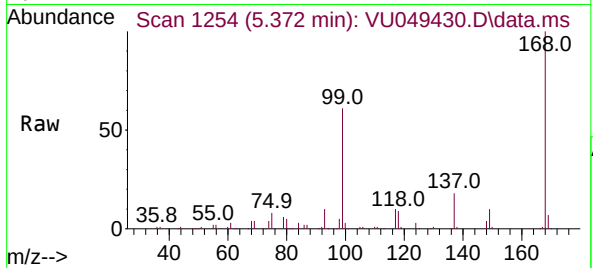
Tgt Ion: 56 Resp: 6113

Ion Ratio Lower Upper

56 100

69 186.0 27.8 41.8#

84 166.3 74.2 111.4#



#32

1,1,1-Trichloroethane

Concen: 0.280 ug/l

RT: 5.321 min Scan# 1238

Delta R.T. 0.010 min

Lab File: VU049430.D

Acq: 28 Jun 2022 02:40

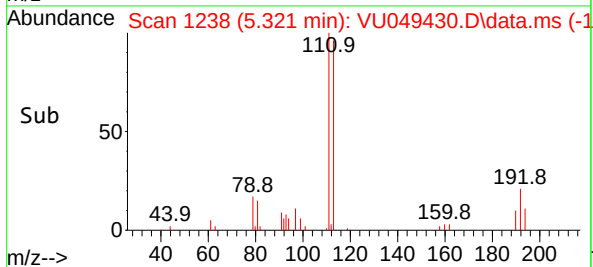
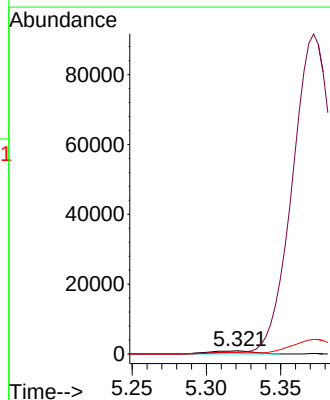
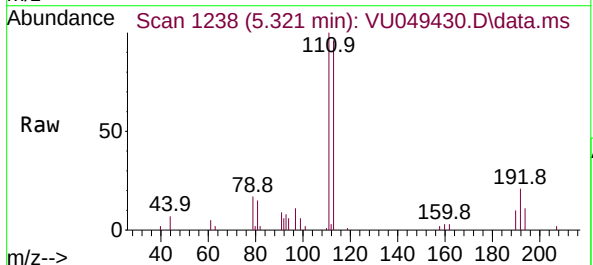
Tgt Ion: 97 Resp: 1786

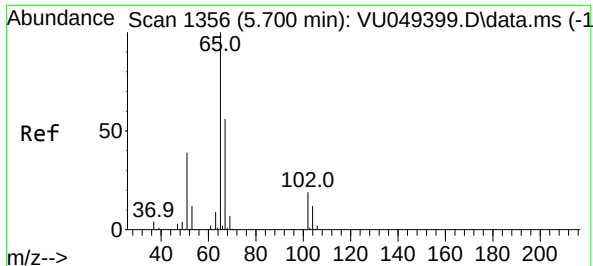
Ion Ratio Lower Upper

97 100

99 0.0 51.8 77.6#

61 45.6 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 43.187 ug/l

RT: 5.700 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049430.D

Acq: 28 Jun 2022 02:40

Instrument :

MSVOA_U

ClientSampleId :

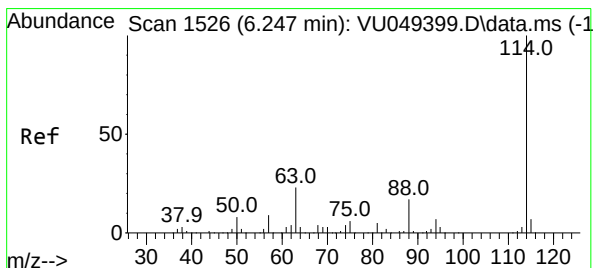
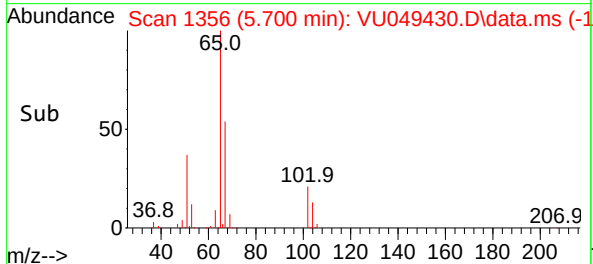
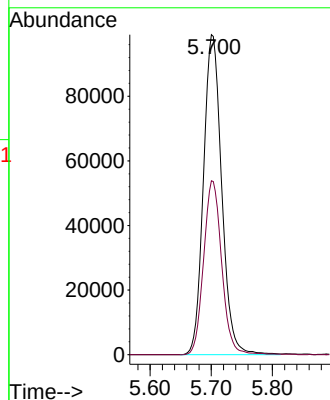
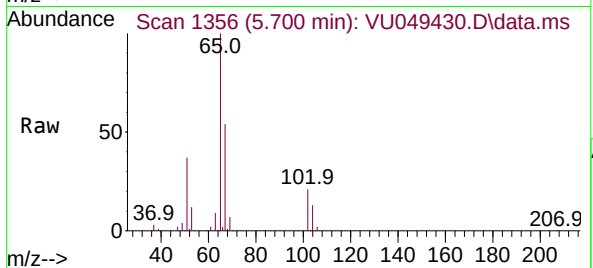
MW181S-20220614

Tgt Ion: 65 Resp: 205556

Ion Ratio Lower Upper

65 100

67 53.9 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: VU049430.D

Acq: 28 Jun 2022 02:40

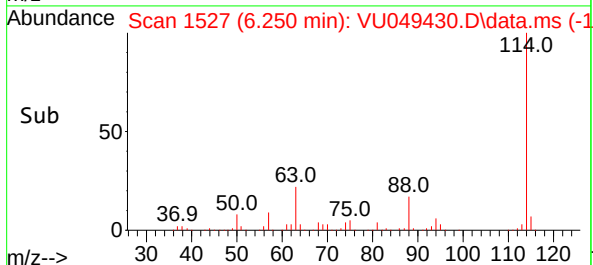
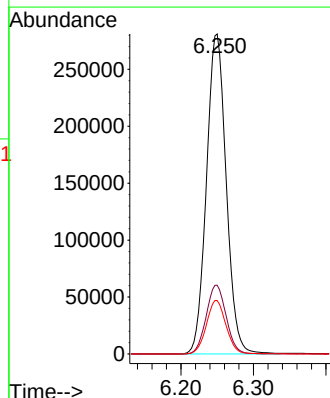
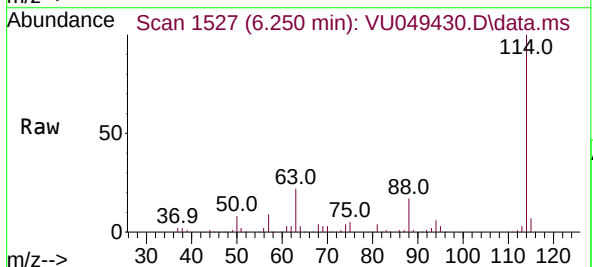
Tgt Ion: 114 Resp: 532001

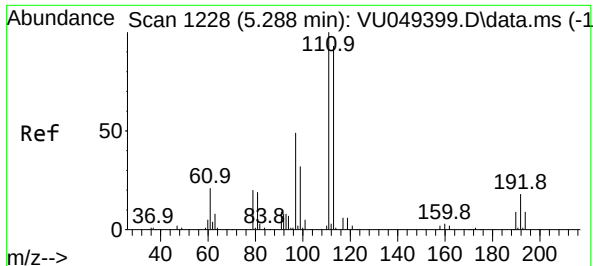
Ion Ratio Lower Upper

114 100

63 21.5 0.0 37.8

88 16.7 0.0 29.2

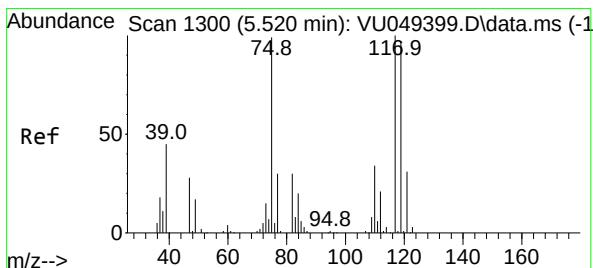
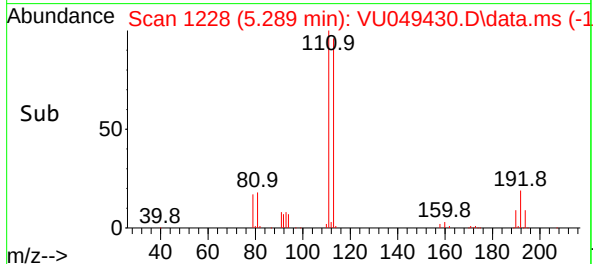
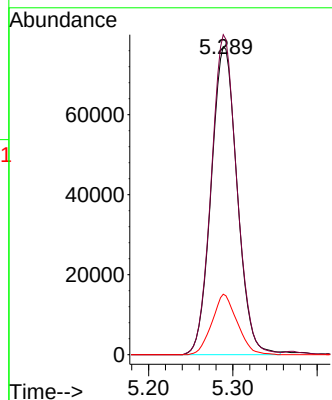
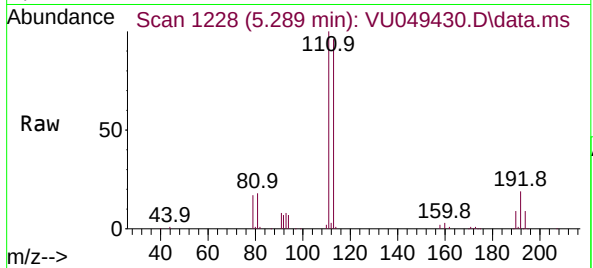




#35
Dibromofluoromethane
Concen: 44.307 ug/l
RT: 5.289 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU049430.D
Acq: 28 Jun 2022 02:40

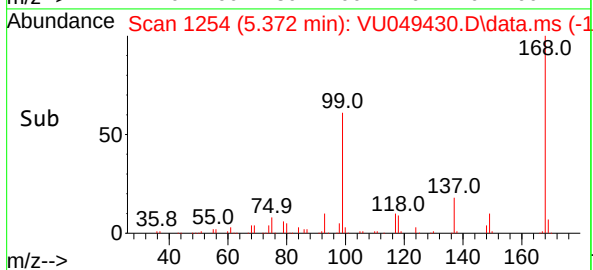
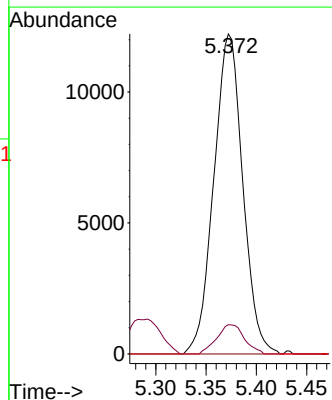
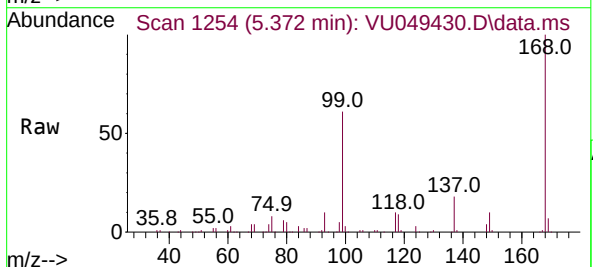
Instrument :
MSVOA_U
ClientSampleId :
MW181S-20220614

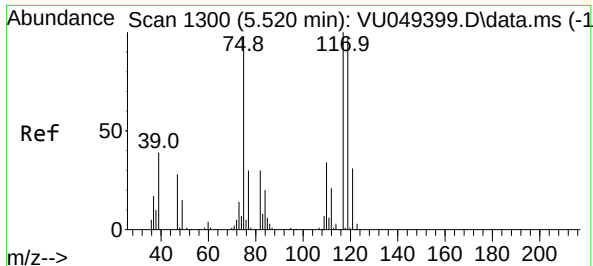
Tgt Ion:113 Resp: 164912
Ion Ratio Lower Upper
113 100
111 102.4 82.1 123.1
192 19.0 18.0 27.0



#36
1,1-Dichloropropene
Concen: 4.526 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.148 min
Lab File: VU049430.D
Acq: 28 Jun 2022 02:40

Tgt Ion: 75 Resp: 24425
Ion Ratio Lower Upper
75 100
110 8.7 18.4 55.2#
77 0.0 25.1 37.7#

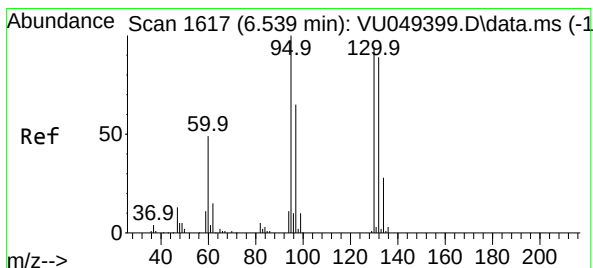
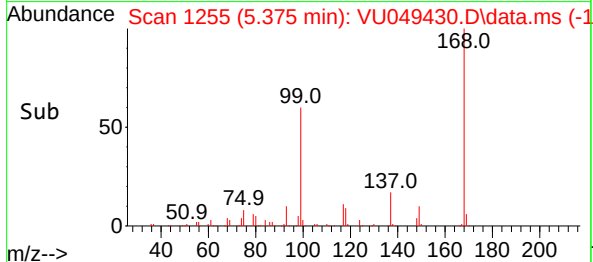
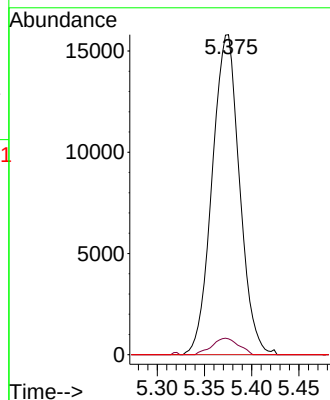
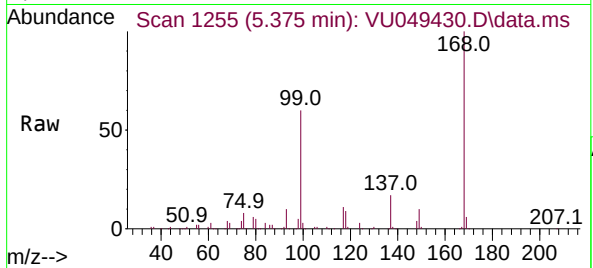




#38
Carbon Tetrachloride
Concen: 5.631 ug/l
RT: 5.375 min Scan# 117
Delta R.T. -0.144 min
Lab File: VU049430.D
Acq: 28 Jun 2022 02:40

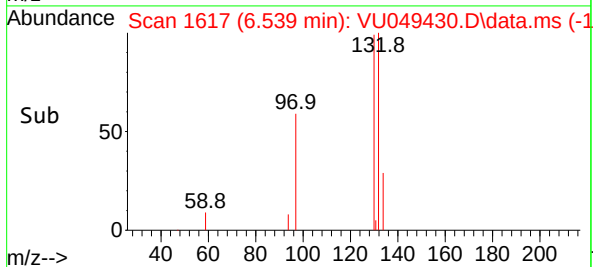
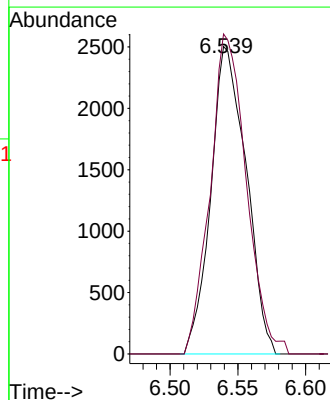
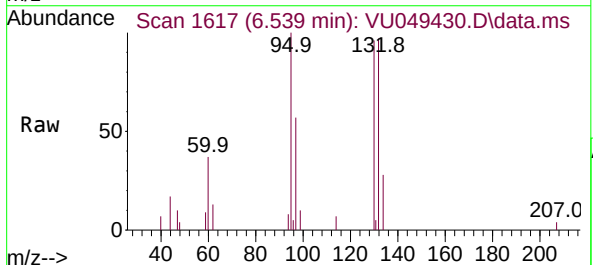
Instrument :
MSVOA_U
ClientSampleId :
MW181S-20220614

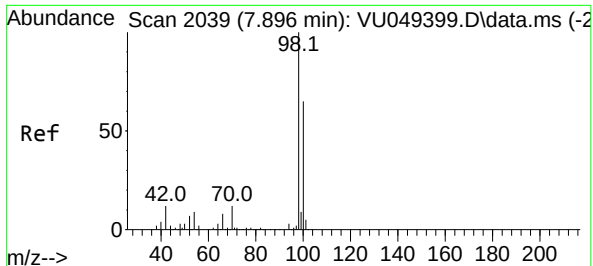
Tgt Ion:117 Resp: 31869
Ion Ratio Lower Upper
117 100
119 4.9 76.8 115.2#
121 0.0 24.7 37.1#



#44
Trichloroethene
Concen: 1.172 ug/l
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU049430.D
Acq: 28 Jun 2022 02:40

Tgt Ion:130 Resp: 4538
Ion Ratio Lower Upper
130 100
95 104.1 0.0 184.6

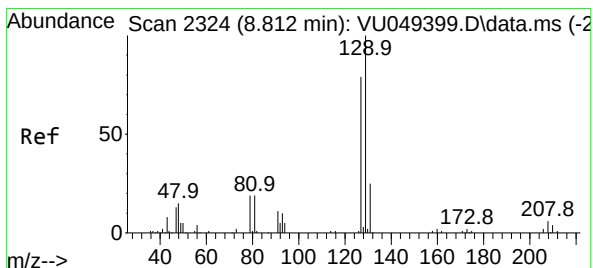
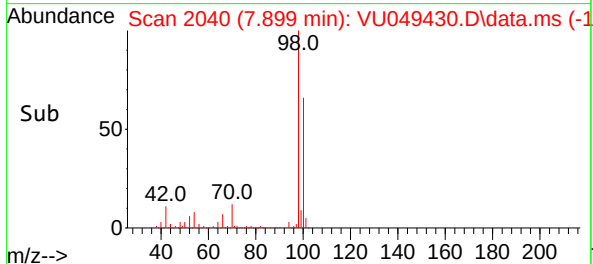
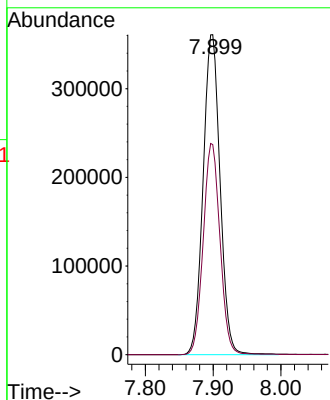
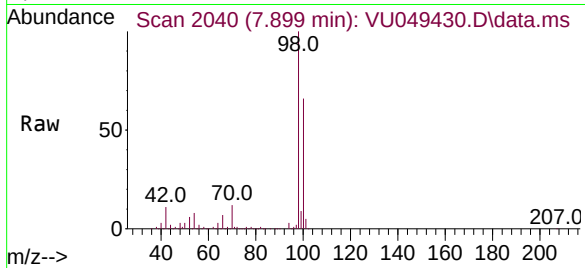




#50
Toluene-d8
Concen: 47.215 ug/l
RT: 7.899 min Scan# 2039
Delta R.T. 0.003 min
Lab File: VU049430.D
Acq: 28 Jun 2022 02:40

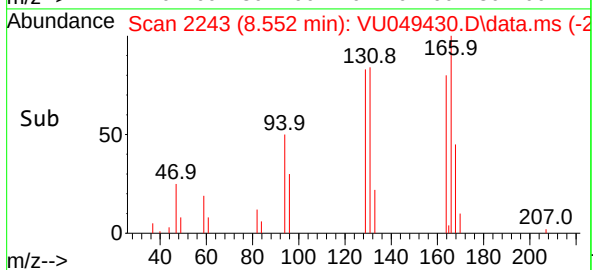
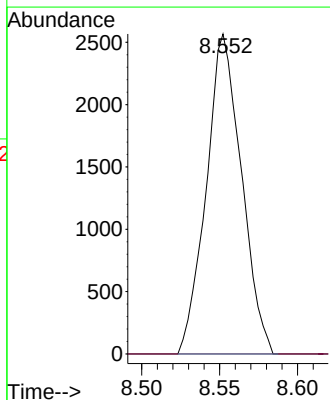
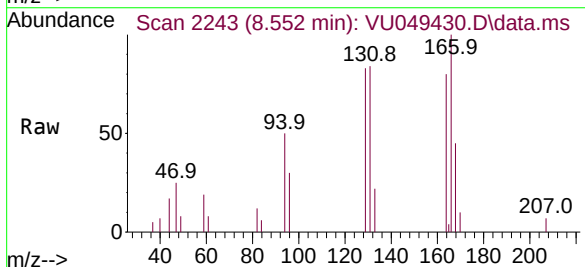
Instrument :
MSVOA_U
ClientSampleId :
MW181S-20220614

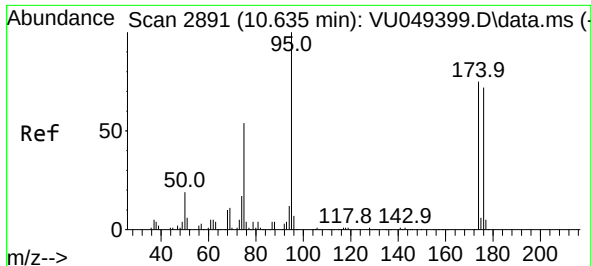
Tgt Ion: 98 Resp: 626799
Ion Ratio Lower Upper
98 100
100 65.2 51.7 77.5



#60
Dibromochloromethane
Concen: 0.969 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. -0.260 min
Lab File: VU049430.D
Acq: 28 Jun 2022 02:40

Tgt Ion: 129 Resp: 4036
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#

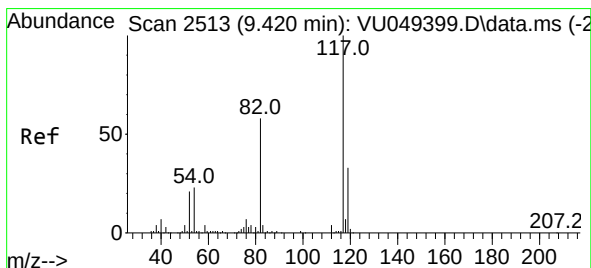
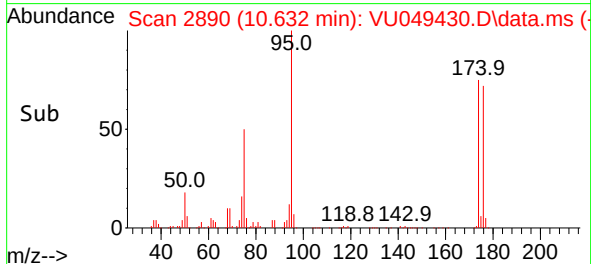
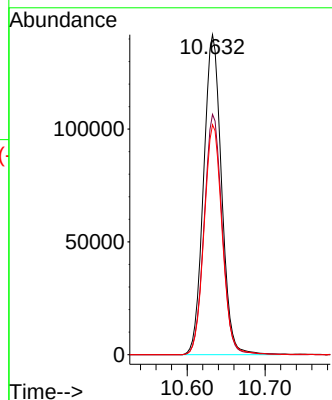
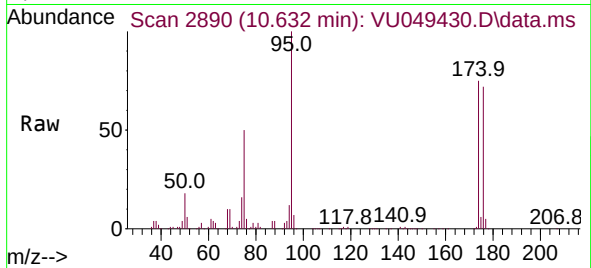




#62
4-Bromofluorobenzene
Concen: 44.717 ug/l
RT: 10.632 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049430.D
Acq: 28 Jun 2022 02:40

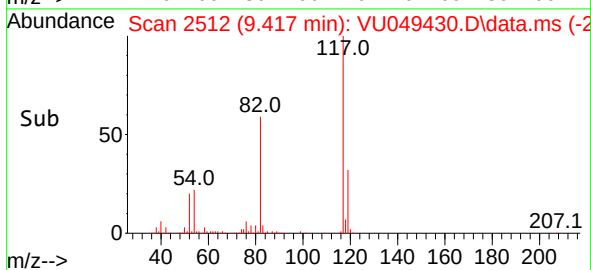
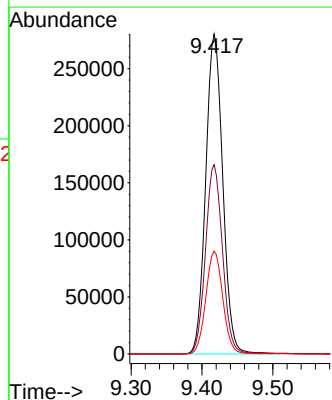
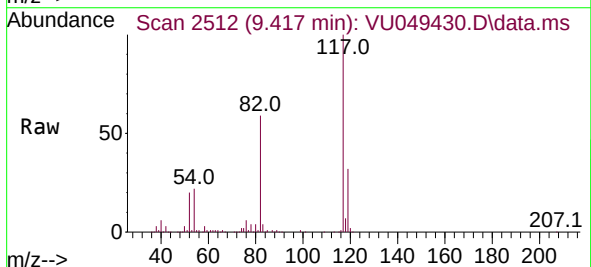
Instrument :
MSVOA_U
ClientSampleId :
MW181S-20220614

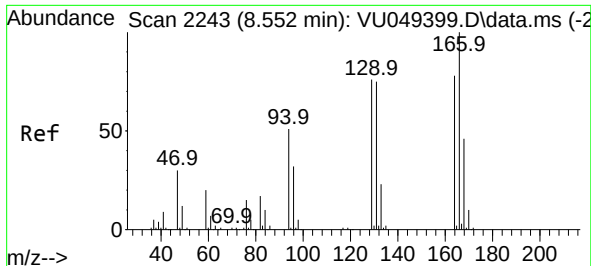
Tgt Ion: 95 Resp: 227402
Ion Ratio Lower Upper
95 100
174 75.3 0.0 182.0
176 72.5 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.003 min
Lab File: VU049430.D
Acq: 28 Jun 2022 02:40

Tgt Ion: 117 Resp: 469098
Ion Ratio Lower Upper
117 100
82 59.2 41.7 62.5
119 32.2 25.7 38.5

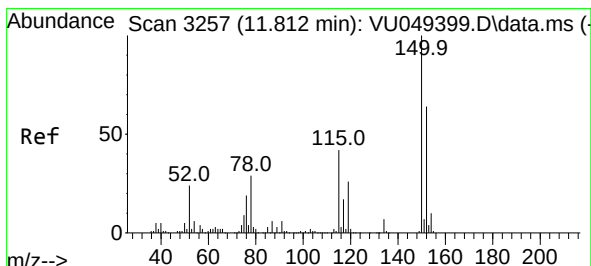
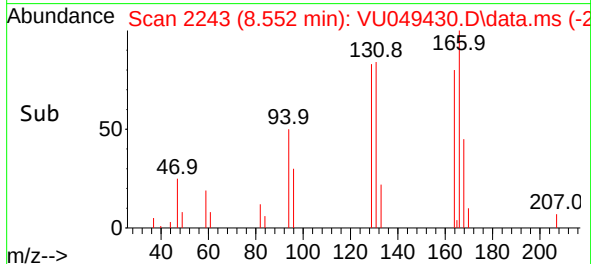
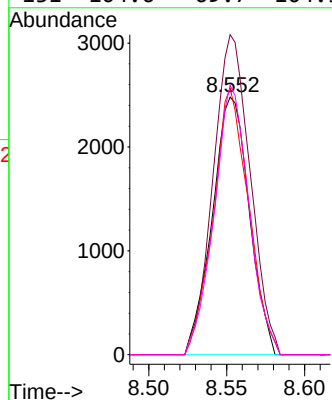
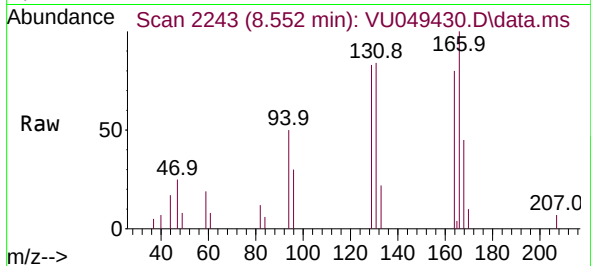




#64
Tetrachloroethene
Concen: 1.359 ug/l
RT: 8.552 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049430.D
Acq: 28 Jun 2022 02:40

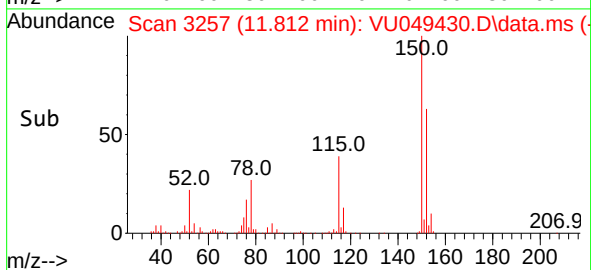
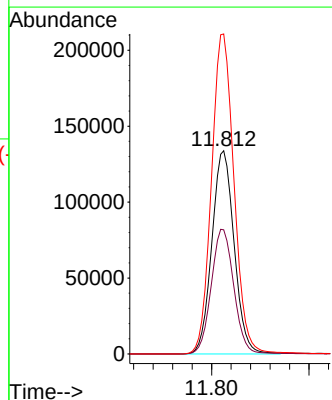
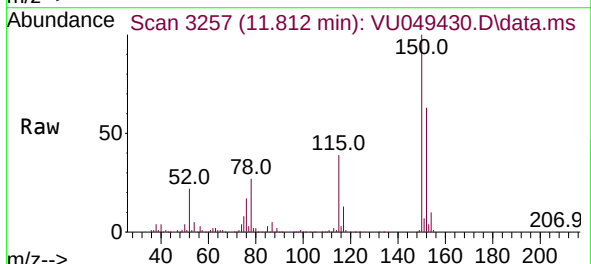
Instrument :
MSVOA_U
ClientSampleId :
MW181S-20220614

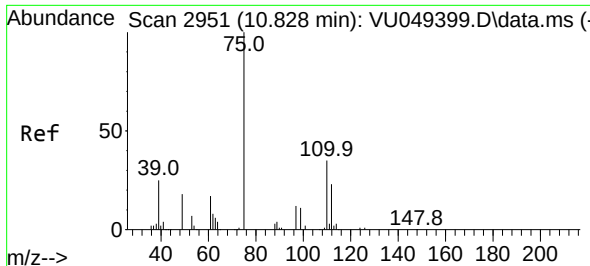
Tgt Ion:164 Resp: 4089
Ion Ratio Lower Upper
164 100
166 124.2 100.0 150.0
129 103.5 72.0 108.0
131 104.6 69.7 104.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.000 min
Lab File: VU049430.D
Acq: 28 Jun 2022 02:40

Tgt Ion:152 Resp: 212387
Ion Ratio Lower Upper
152 100
115 62.3 37.0 110.9
150 159.5 0.0 342.2

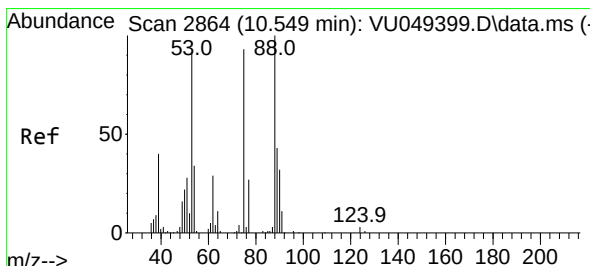
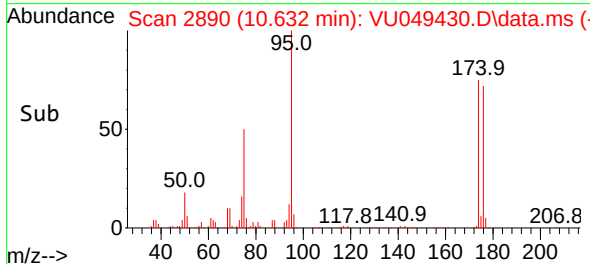
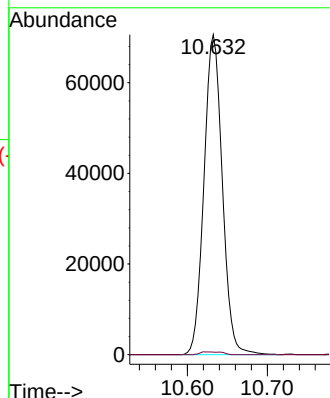
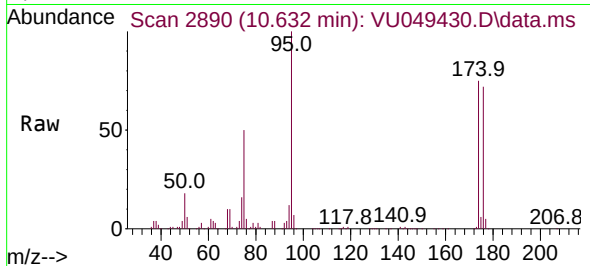




#76
1,2,3-Trichloropropane
Concen: 15.675 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.196 min
Lab File: VU049430.D
Acq: 28 Jun 2022 02:40

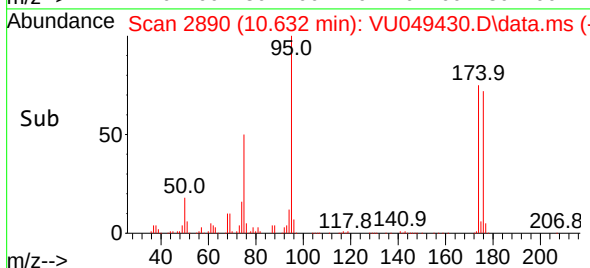
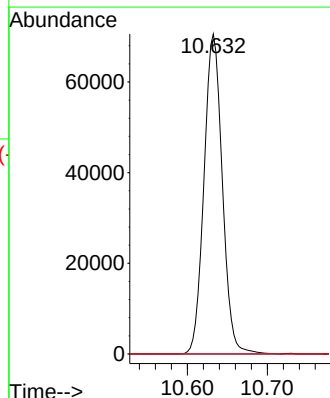
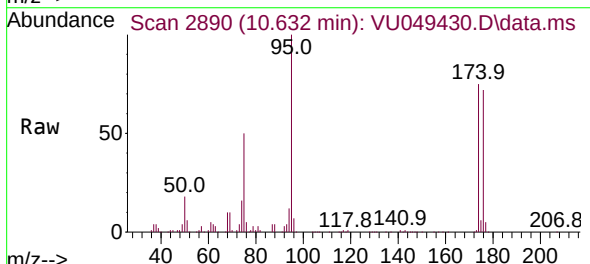
Instrument :
MSVOA_U
ClientSampleId :
MW181S-20220614

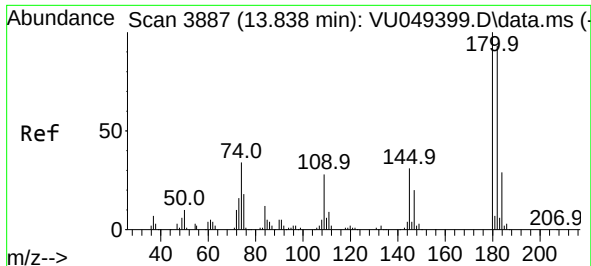
Tgt Ion: 75 Resp: 112856
Ion Ratio Lower Upper
75 100
77 1.1 15.8 47.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.886 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.084 min
Lab File: VU049430.D
Acq: 28 Jun 2022 02:40

Tgt Ion: 75 Resp: 112856
Ion Ratio Lower Upper
75 100
53 0.0 69.2 103.8#
89 0.0 37.0 55.6#

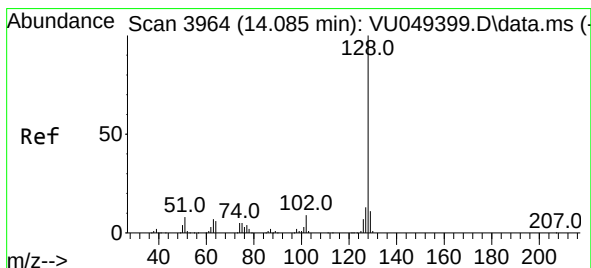
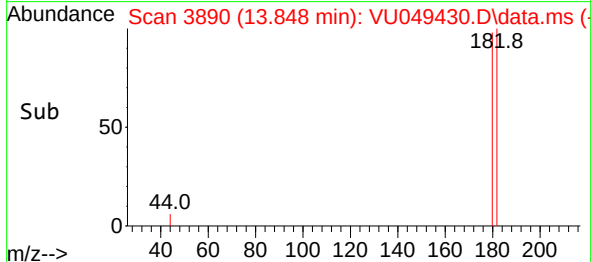
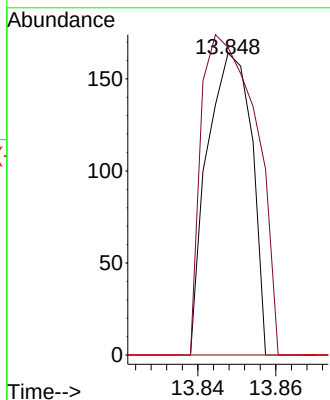
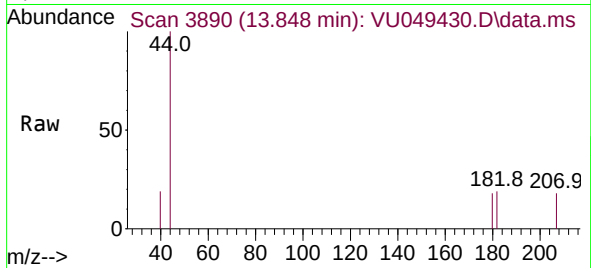




#93
1,2,4-Trichlorobenzene
Concen: 1.780 ug/l
RT: 13.848 min Scan# 3890
Delta R.T. 0.010 min
Lab File: VU049430.D
Acq: 28 Jun 2022 02:40

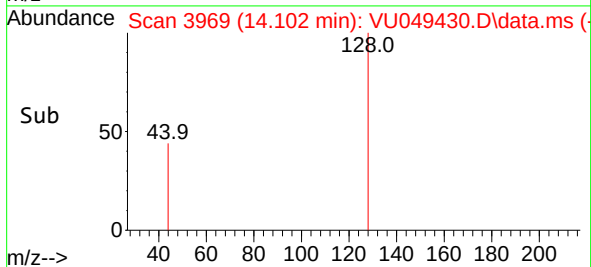
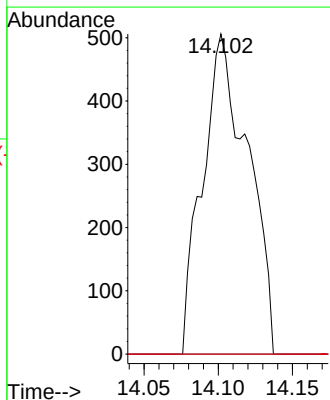
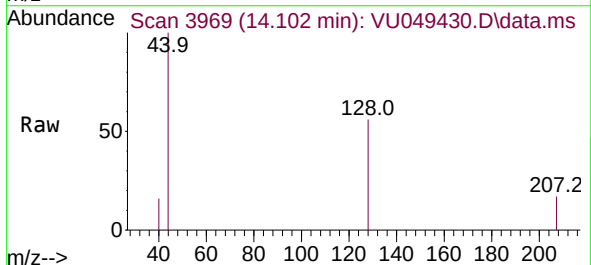
Instrument :
MSVOA_U
ClientSampleId :
MW181S-20220614

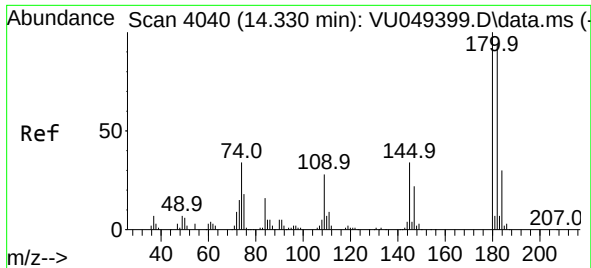
Tgt Ion	Ratio	Lower	Upper
180	100		
182	130.8	47.9	143.6
145	0.0	14.0	41.9#



#95
Naphthalene
Concen: 1.798 ug/l
RT: 14.102 min Scan# 3969
Delta R.T. 0.016 min
Lab File: VU049430.D
Acq: 28 Jun 2022 02:40

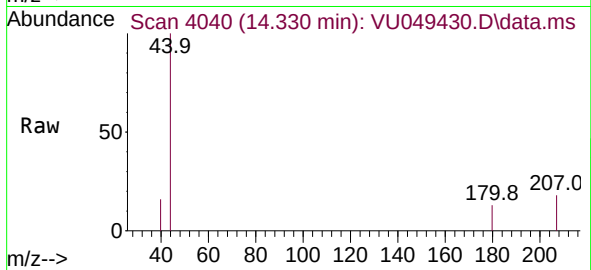
Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.6	13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.197 ug/l
 RT: 14.330 min Scan# 40
 Delta R.T. 0.000 min
 Lab File: VU049430.D
 Acq: 28 Jun 2022 02:40

Instrument :
 MSVOA_U
 ClientSampleId :
 MW181S-20220614



Tgt Ion:180 Resp: 98
 Ion Ratio Lower Upper
 180 100
 182 21.4 48.4 145.0#
 145 0.0 14.8 44.4#

