

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092721\
 Data File : VU044917.D
 Acq On : 28 Sep 2021 03:28
 Operator : SY/MD
 Sample : M3829-08DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE125D2-20210917DL

Quant Time: Sep 28 06:31:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092421W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 25 09:30:46 2021
 Response via : Initial Calibration

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

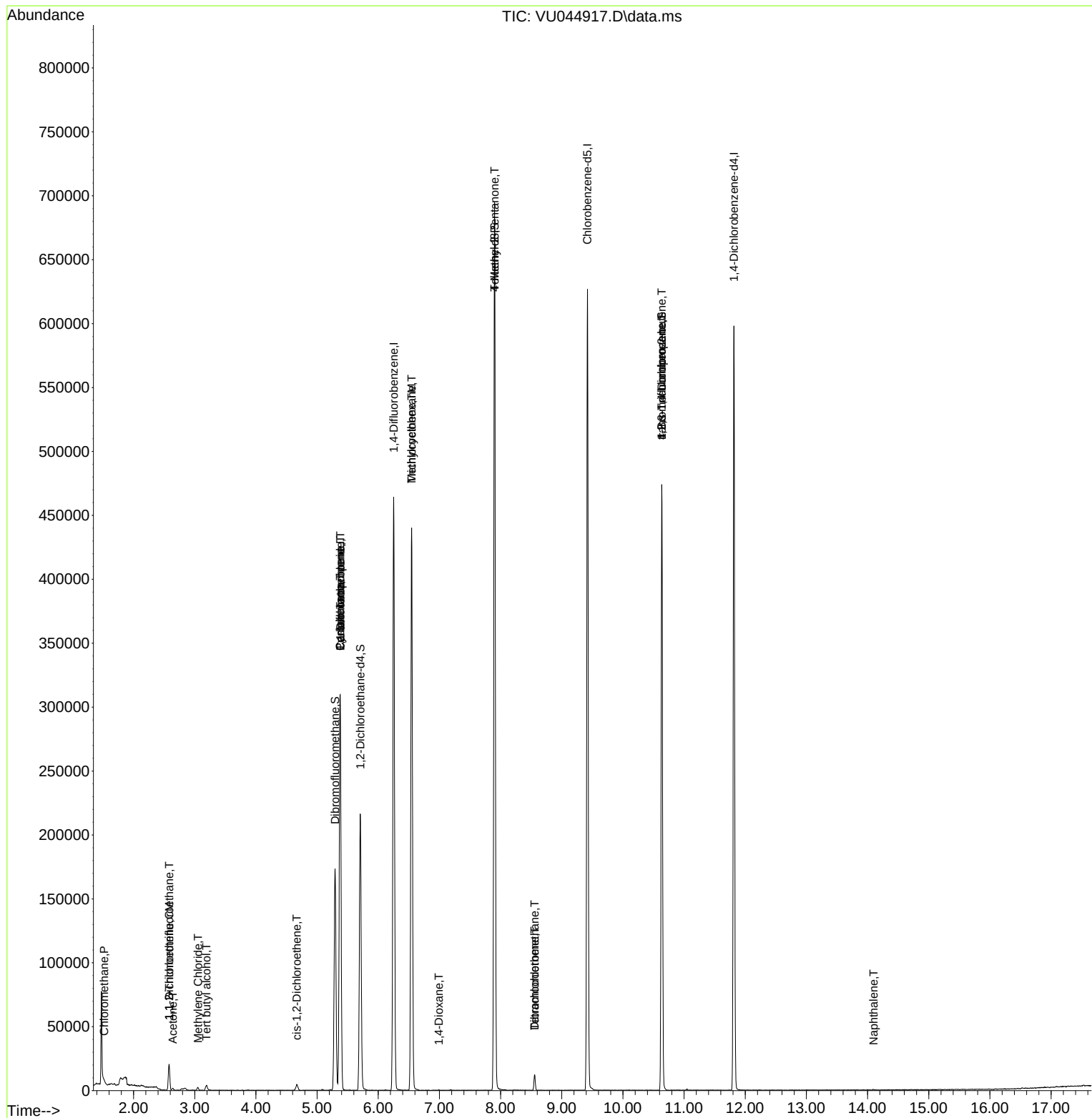
Internal Standards						
1) Pentafluorobenzene	5.378	168	201866	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	357620	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	323829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	142059	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	161118	45.732	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.460%	
35) Dibromofluoromethane	5.295	113	112117	45.700	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.400%	
50) Toluene-d8	7.902	98	447761	48.325	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.640%	
62) 4-Bromofluorobenzene	10.635	95	153968	44.739	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.480%	
Target Compounds					Qvalue	
3) Chloromethane	1.520	50	797	0.217	ug/l	98
5) Bromomethane	1.851	94	539	Below Cal		98
6) Chloroethane	1.890	64	579	Below Cal	#	42
9) 1,1,2-Trichlorotrifluo...	2.581	101	6050	2.463	ug/l	99
11) Tert butyl alcohol	3.192	59	2815	2.738	ug/l	# 72
12) 1,1-Dichloroethene	2.581	96	1918	0.789	ug/l	95
16) Acetone	2.642	43	1263	0.636	ug/l	# 80
20) Methylene Chloride	3.054	84	1033	0.321	ug/l	90
27) cis-1,2-Dichloroethene	4.668	96	2245	0.709	ug/l	87
31) Cyclohexane	5.375	56	5438	1.075	ug/l	# 2
36) 1,1-Dichloropropene	5.378	75	19054	5.022	ug/l	# 49
38) Carbon Tetrachloride	5.378	117	21001	6.191	ug/l	# 16
39) Methylcyclohexane	6.546	83	1814	0.423	ug/l	# 1
44) Trichloroethene	6.546	130	139935	50.330	ug/l	98
49) 1,4-Dioxane	6.992	88	333	3.544	ug/l	# 54
51) 4-Methyl-2-Pentanone	7.902	43	2124	0.383	ug/l	# 1
60) Dibromochloromethane	8.555	129	2632	0.929	ug/l	# 10
64) Tetrachloroethene	8.555	164	2582	1.176	ug/l	93
76) 1,2,3-Trichloropropane	10.635	75	85059	19.773	ug/l	# 41
81) trans-1,4-Dichloro-2-b...	10.635	75	85059	64.054	ug/l	# 9
95) Naphthalene	14.098	128	644	1.001	ug/l	# 69

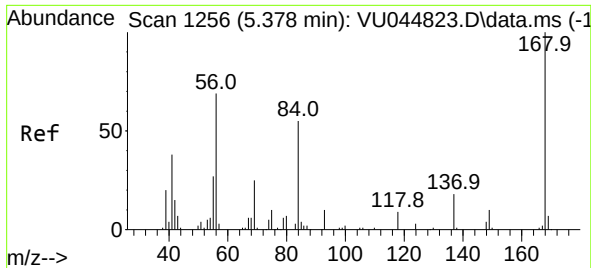
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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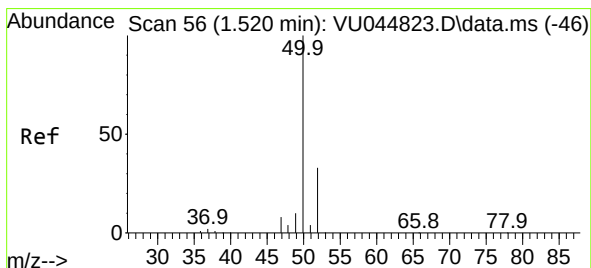
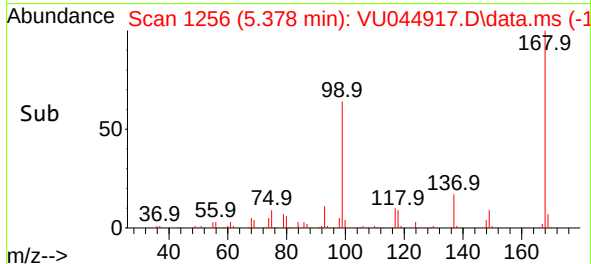
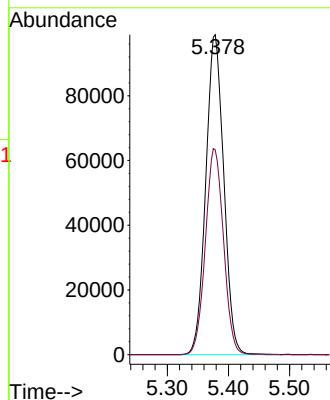
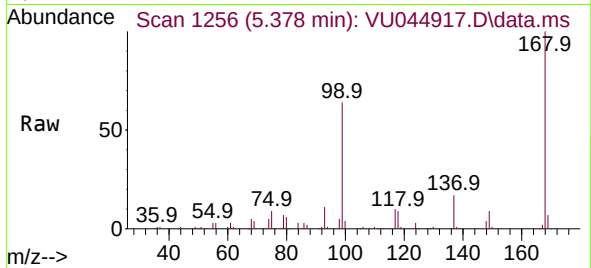




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. 0.000 min
Lab File: VU044917.D
Acq: 28 Sep 2021 03:28

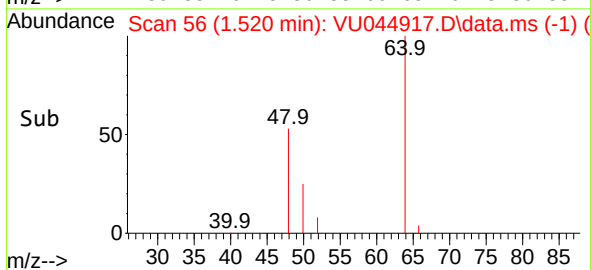
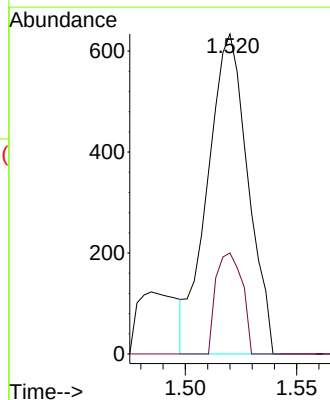
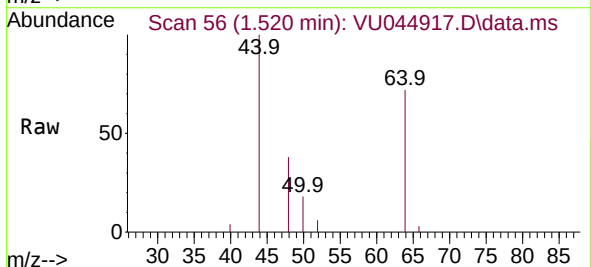
Instrument :
MSVOA_U
ClientSampleId :
RE125D2-20210917DL

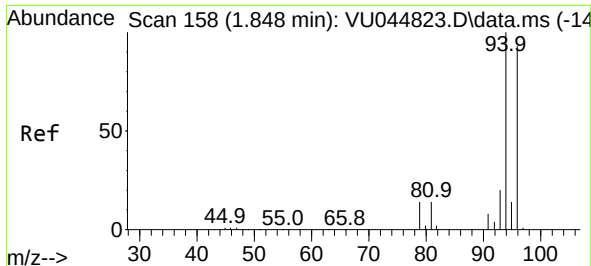
Tgt Ion:168 Resp: 201866
Ion Ratio Lower Upper
168 100
99 64.0 51.4 77.0



#3
Chloromethane
Concen: 0.217 ug/l
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU044917.D
Acq: 28 Sep 2021 03:28

Tgt Ion: 50 Resp: 797
Ion Ratio Lower Upper
50 100
52 31.5 26.3 39.5

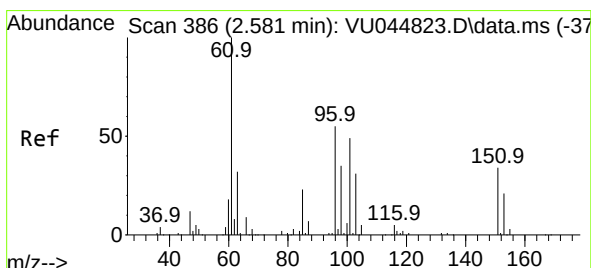
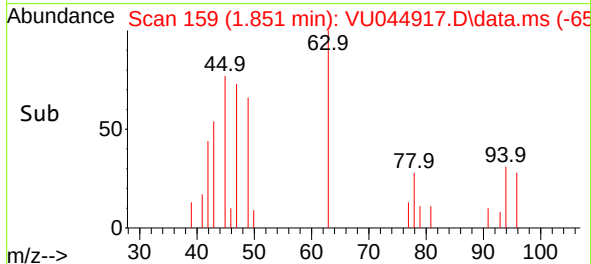
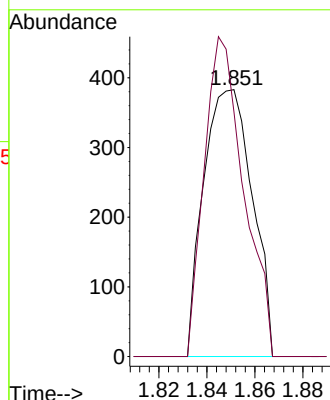
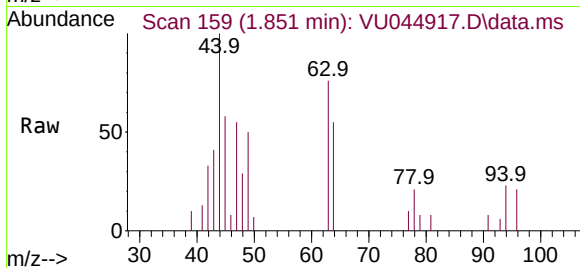




#5
Bromomethane
Concen: Below Cal
RT: 1.851 min Scan# 159
Delta R.T. 0.003 min
Lab File: VU044917.D
Acq: 28 Sep 2021 03:28

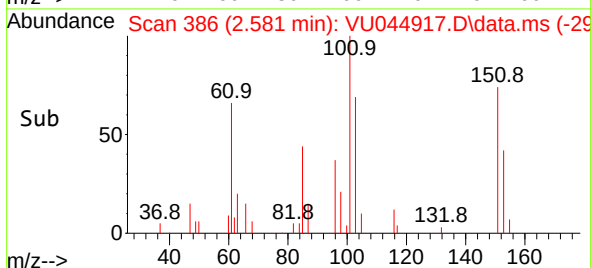
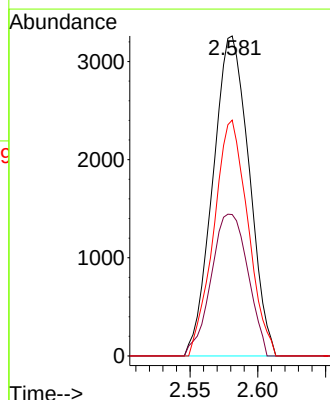
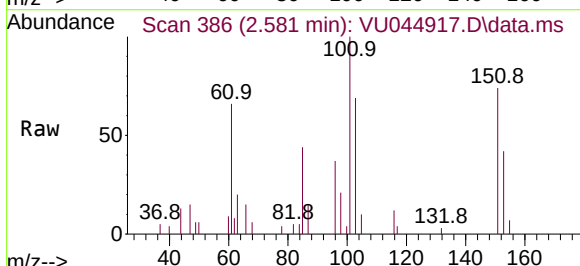
Instrument :
MSVOA_U
ClientSampleId :
RE125D2-20210917DL

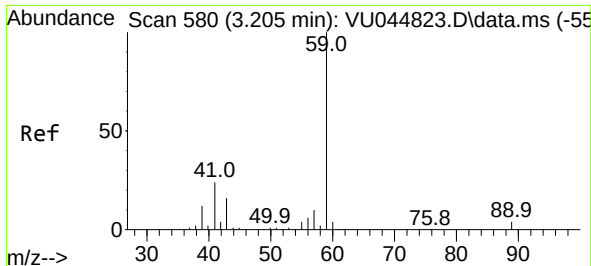
Tgt Ion: 94 Resp: 539
Ion Ratio Lower Upper
94 100
96 91.6 74.5 111.7



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.463 ug/l
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU044917.D
Acq: 28 Sep 2021 03:28

Tgt Ion:101 Resp: 6050
Ion Ratio Lower Upper
101 100
85 44.9 37.2 55.8
151 69.7 55.8 83.8



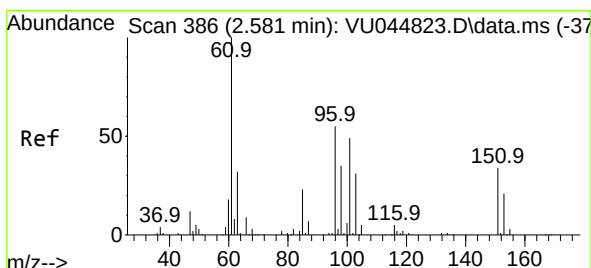
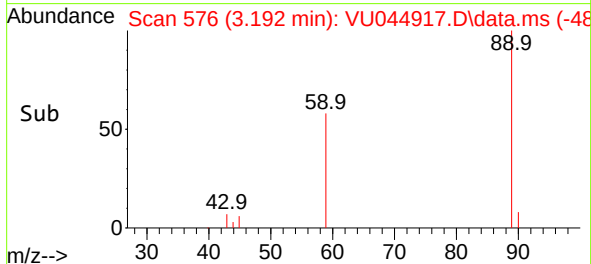
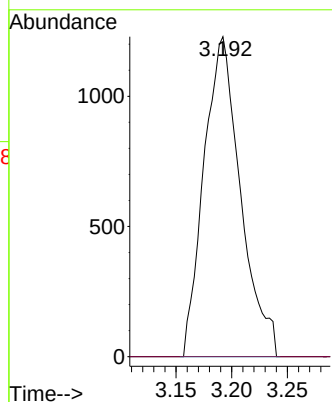
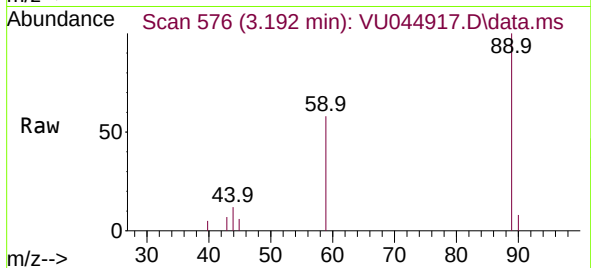


#11

Tert butyl alcohol
Concen: 2.738 ug/l
RT: 3.192 min Scan# 576
Delta R.T. -0.013 min
Lab File: VU044917.D
Acq: 28 Sep 2021 03:28

Instrument :
MSVOA_U
ClientSampleId :
RE125D2-20210917DL

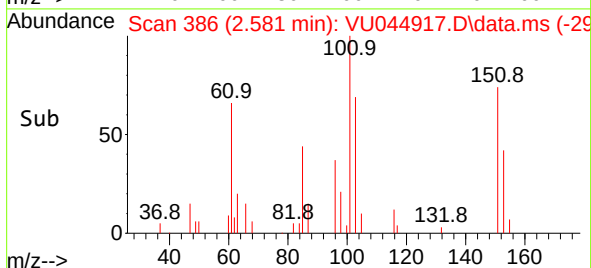
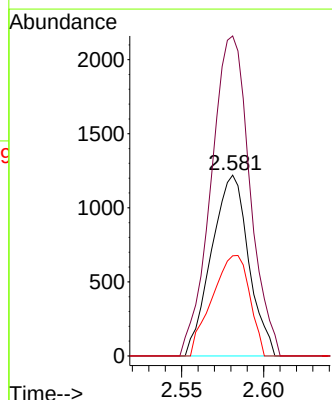
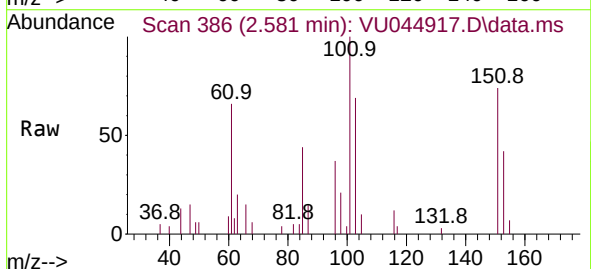
Tgt Ion: 59 Resp: 2815
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

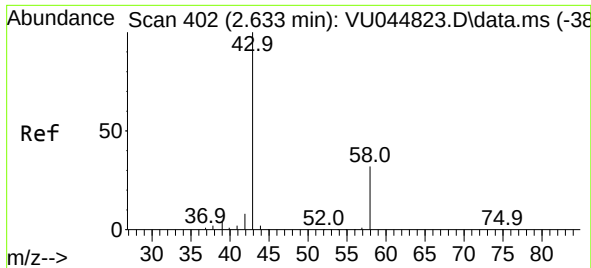


#12

1,1-Dichloroethene
Concen: 0.789 ug/l
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU044917.D
Acq: 28 Sep 2021 03:28

Tgt Ion: 96 Resp: 1918
Ion Ratio Lower Upper
96 100
61 177.0 145.4 218.0
98 55.4 50.9 76.3

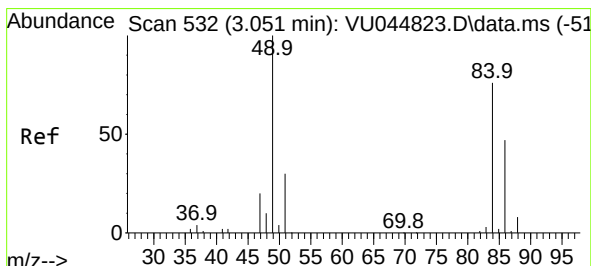
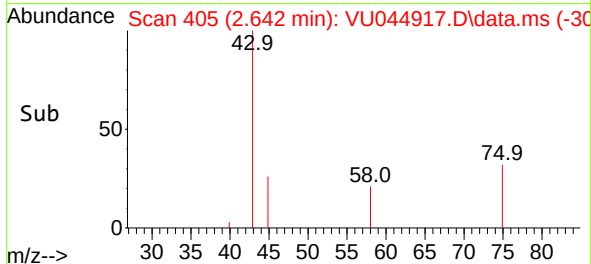
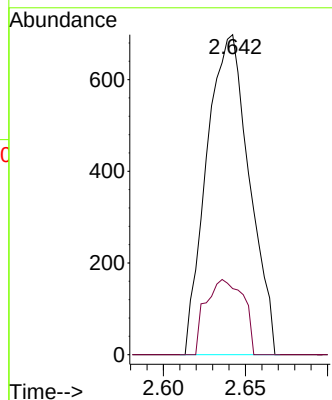
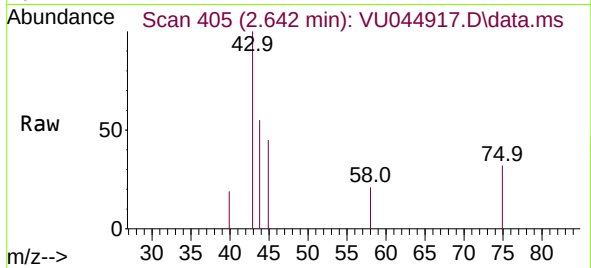




#16
Acetone
Concen: 0.636 ug/l
RT: 2.642 min Scan# 405
Delta R.T. 0.010 min
Lab File: VU044917.D
Acq: 28 Sep 2021 03:28

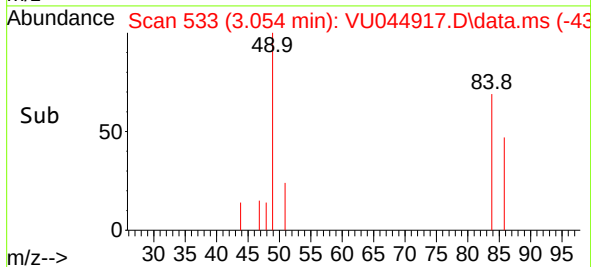
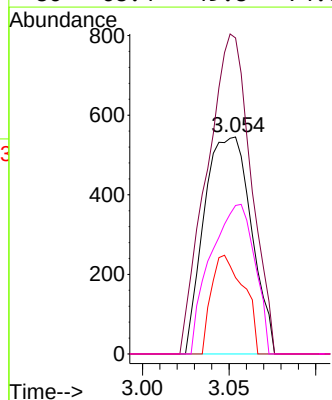
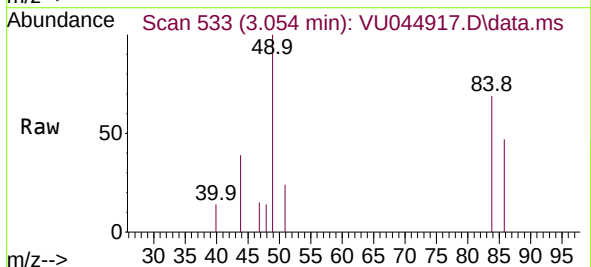
Instrument :
MSVOA_U
ClientSampleId :
RE125D2-20210917DL

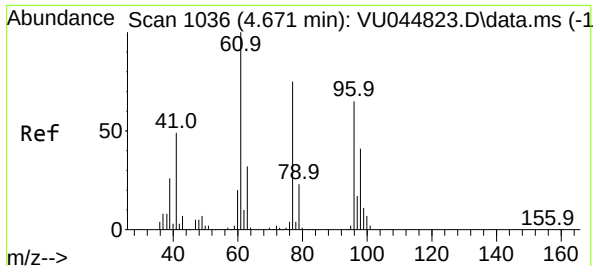
Tgt Ion: 43 Resp: 1263
Ion Ratio Lower Upper
43 100
58 20.6 25.2 37.8#



#20
Methylene Chloride
Concen: 0.321 ug/l
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU044917.D
Acq: 28 Sep 2021 03:28

Tgt Ion: 84 Resp: 1033
Ion Ratio Lower Upper
84 100
49 145.7 104.9 157.3
51 35.2 31.8 47.8
86 68.4 49.8 74.6





#27

cis-1,2-Dichloroethene

Concen: 0.709 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU044917.D

Acq: 28 Sep 2021 03:28

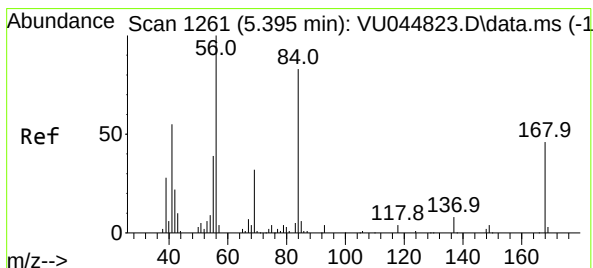
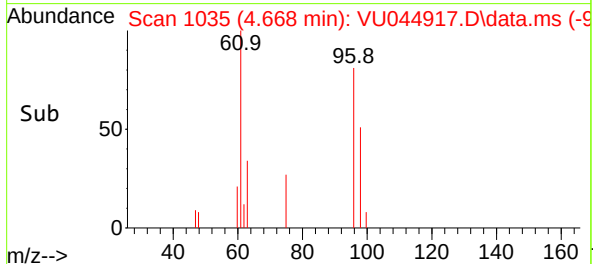
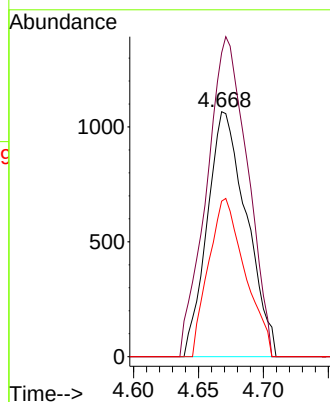
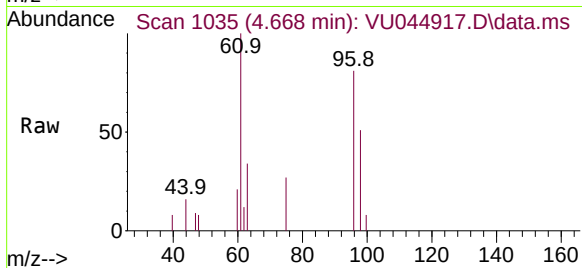
Instrument :

MSVOA_U

ClientSampleId :

RE125D2-20210917DL

Tgt Ion: 96	Resp: 2245
Ion Ratio	Lower Upper
96 100	
61 135.6	0.0 313.4
98 59.9	0.0 127.0



#31

Cyclohexane

Concen: 1.075 ug/l

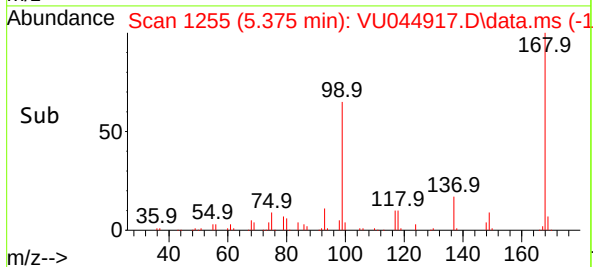
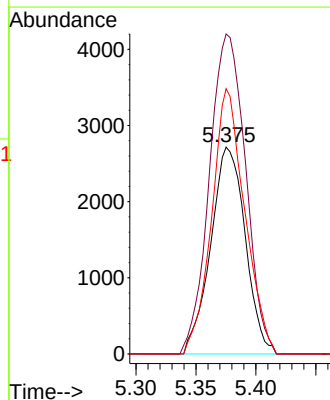
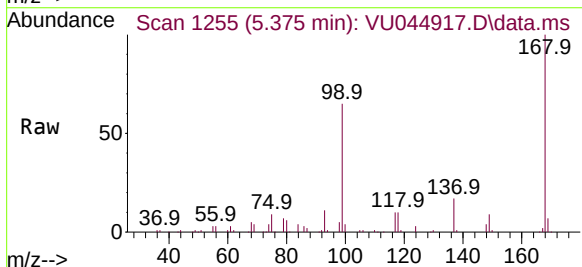
RT: 5.375 min Scan# 1255

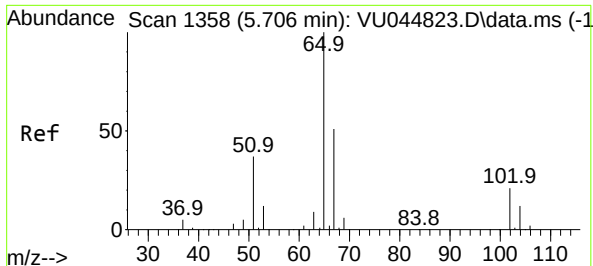
Delta R.T. -0.019 min

Lab File: VU044917.D

Acq: 28 Sep 2021 03:28

Tgt Ion: 56	Resp: 5438
Ion Ratio	Lower Upper
56 100	
69 154.7	25.2 37.8#
84 128.2	66.4 99.6#



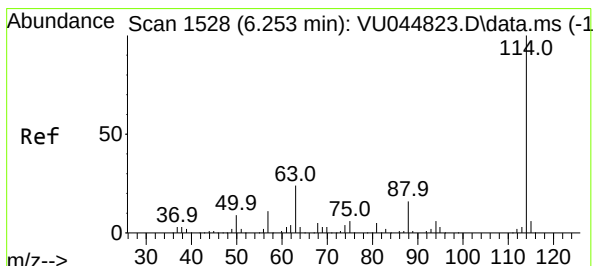
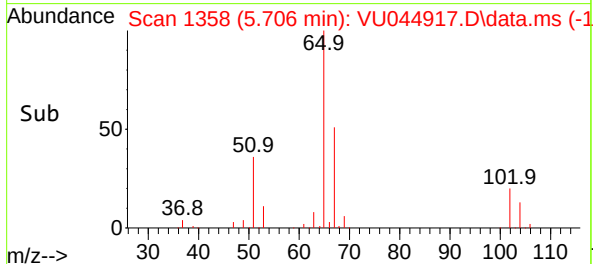
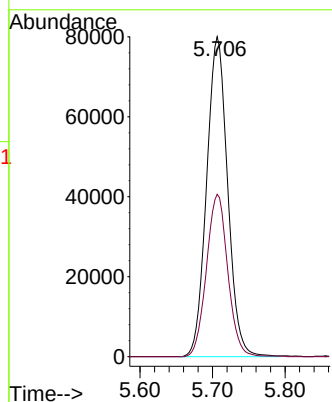
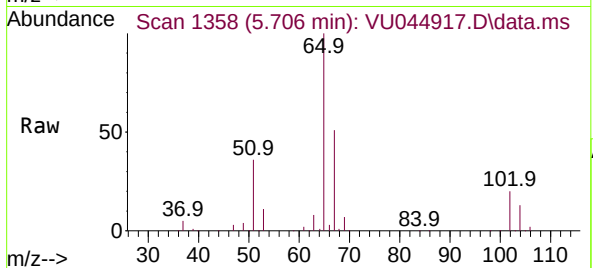


#33

1,2-Dichloroethane-d4
Concen: 45.732 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VU044917.D
Acq: 28 Sep 2021 03:28

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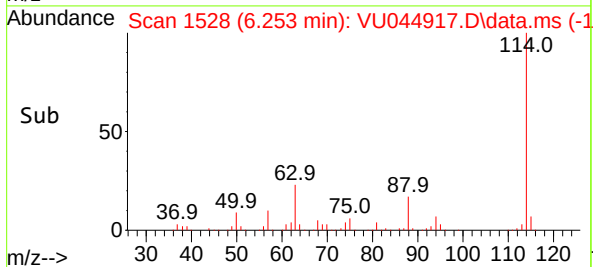
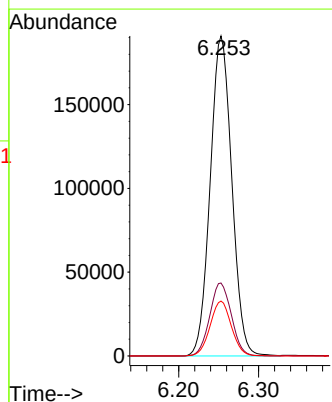
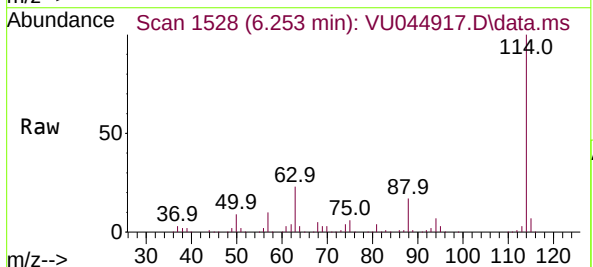
Tgt Ion: 65 Resp: 161118
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.8

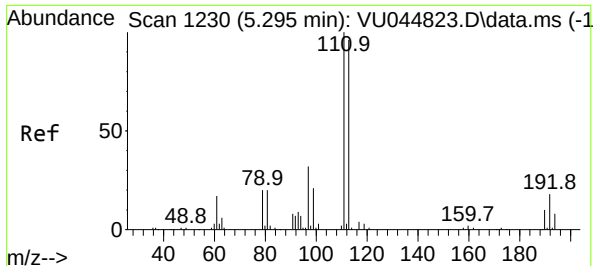


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VU044917.D
Acq: 28 Sep 2021 03:28

Tgt Ion: 114 Resp: 357620
Ion Ratio Lower Upper
114 100
63 22.8 0.0 47.8
88 17.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 45.700 ug/l

RT: 5.295 min Scan# 1230

Delta R.T. -0.000 min

Lab File: VU044917.D

Acq: 28 Sep 2021 03:28

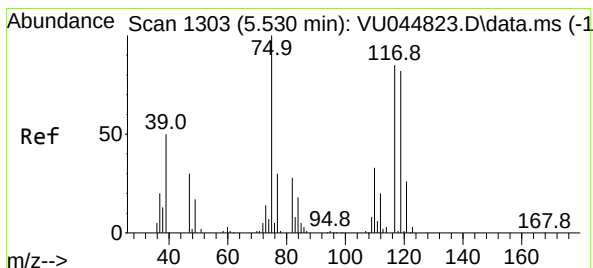
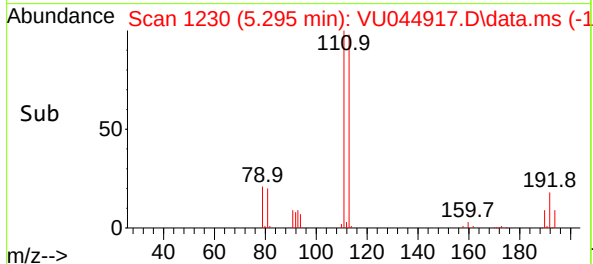
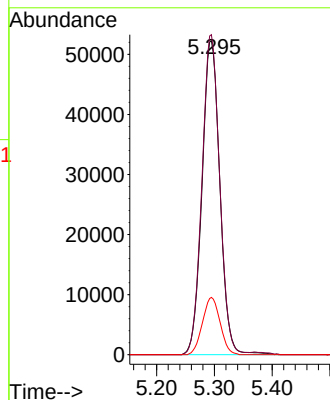
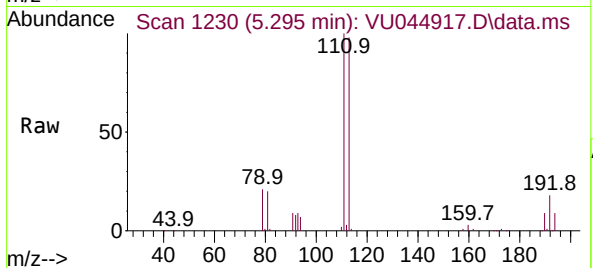
Instrument :

MSVOA_U

ClientSampleId :

RE125D2-20210917DL

Tgt Ion:	113	Resp:	112117
Ion	Ratio	Lower	Upper
113	100		
111	101.3	84.1	126.1
192	18.0	14.8	22.2



#36

1,1-Dichloropropene

Concen: 5.022 ug/l

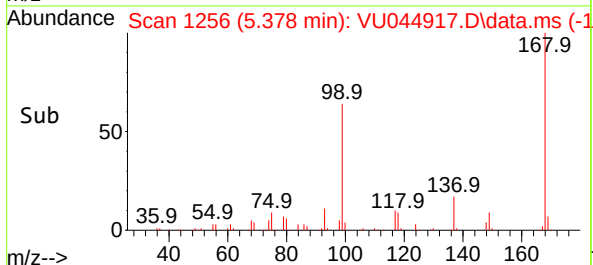
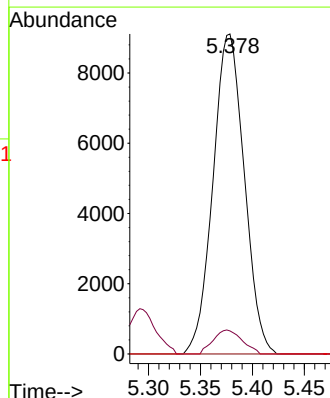
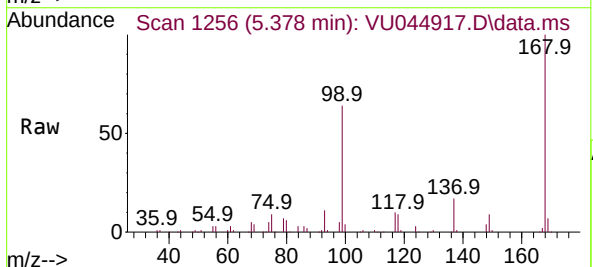
RT: 5.378 min Scan# 1256

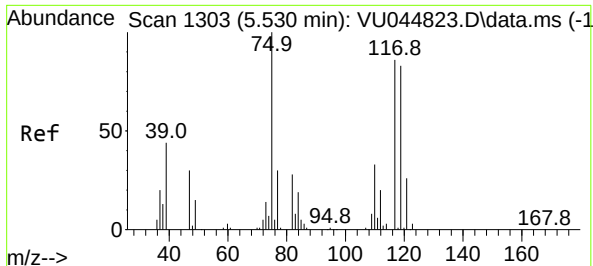
Delta R.T. -0.151 min

Lab File: VU044917.D

Acq: 28 Sep 2021 03:28

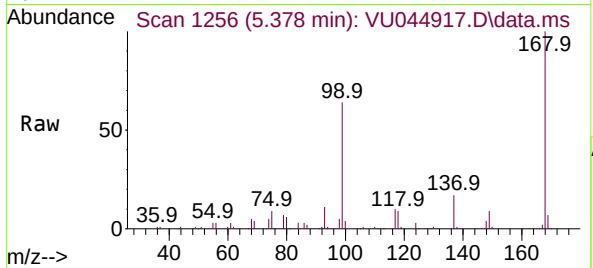
Tgt Ion:	75	Resp:	19054
Ion	Ratio	Lower	Upper
75	100		
110	6.9	16.3	48.9#
77	0.0	25.0	37.4#



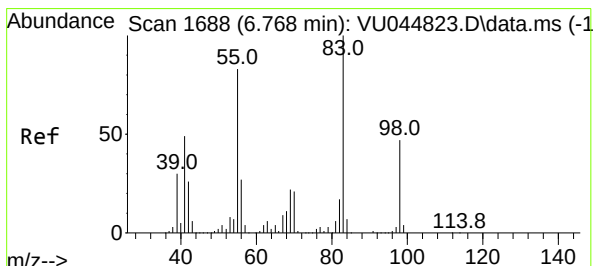
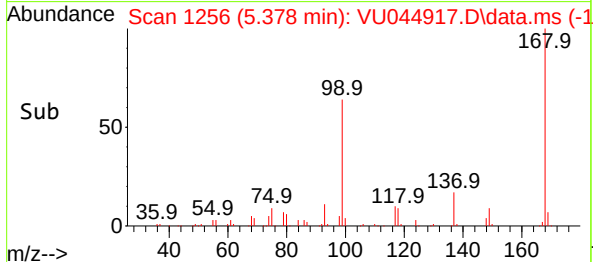
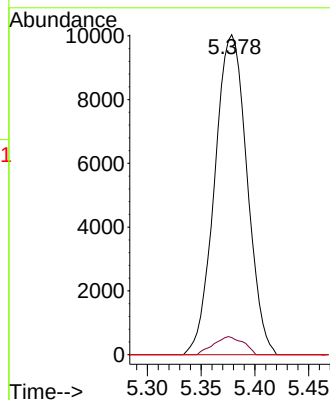


#38
Carbon Tetrachloride
Concen: 6.191 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.151 min
Lab File: VU044917.D
Acq: 28 Sep 2021 03:28

Instrument :
MSVOA_U
ClientSampleId :
RE125D2-20210917DL

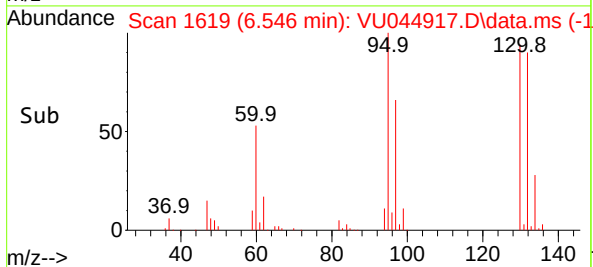
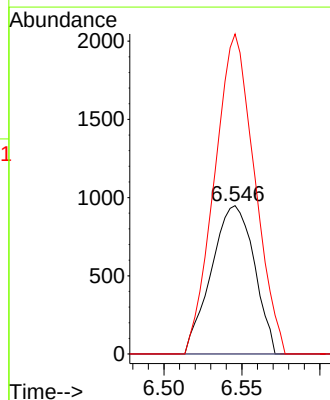
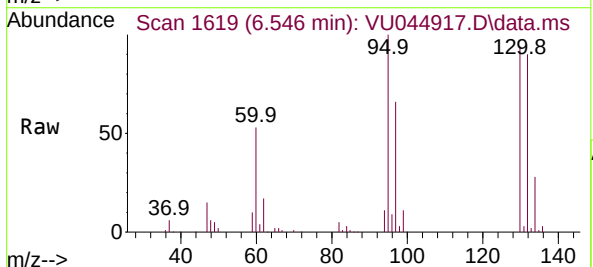


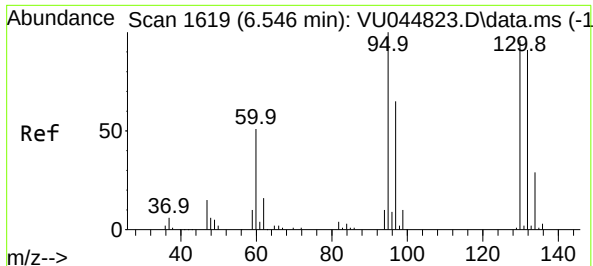
Tgt Ion:117 Resp: 21001
Ion Ratio Lower Upper
117 100
119 5.4 77.4 116.2#
121 0.0 24.5 36.7#



#39
Methylcyclohexane
Concen: 0.423 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.222 min
Lab File: VU044917.D
Acq: 28 Sep 2021 03:28

Tgt Ion: 83 Resp: 1814
Ion Ratio Lower Upper
83 100
55 0.0 66.2 99.4#
98 215.6 37.5 56.3#

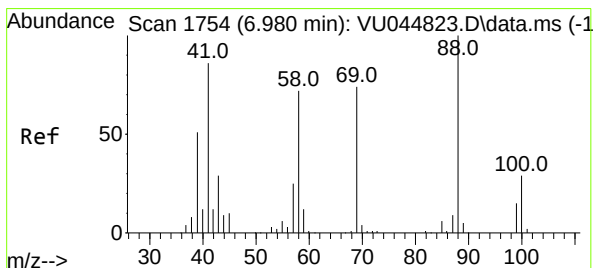
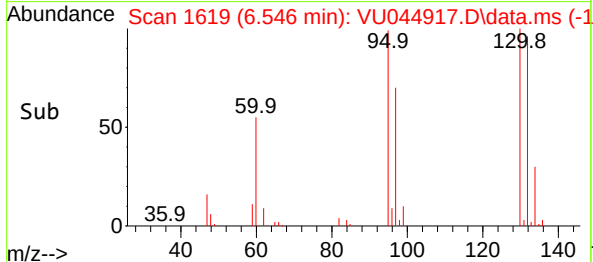
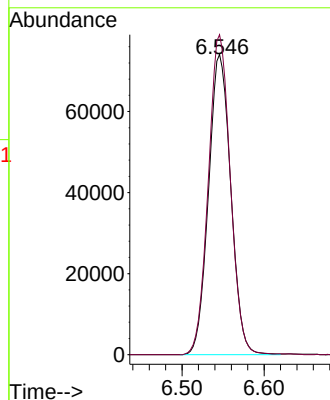
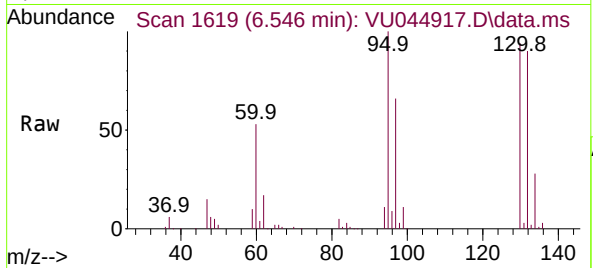




#44
Trichloroethene
Concen: 50.330 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU044917.D
Acq: 28 Sep 2021 03:28

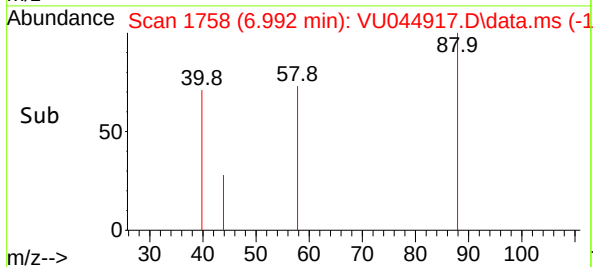
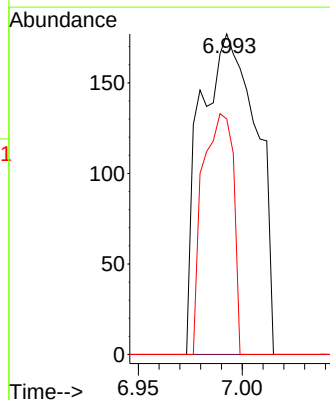
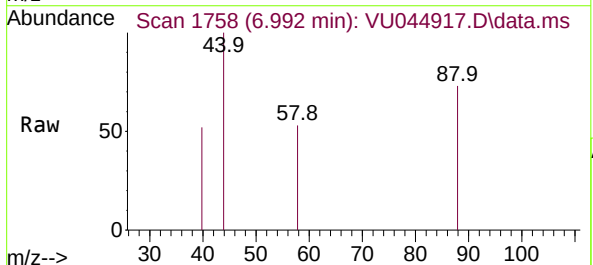
Instrument :
MSVOA_U
ClientSampleId :
RE125D2-20210917DL

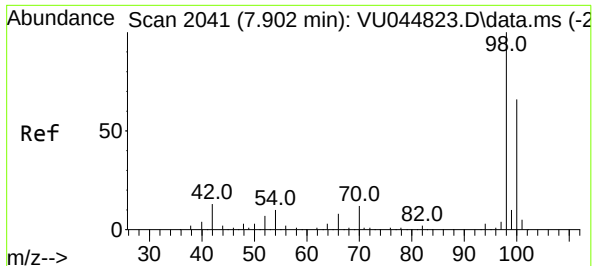
Tgt Ion:130 Resp: 139935
Ion Ratio Lower Upper
130 100
95 106.6 0.0 209.0



#49
1,4-Dioxane
Concen: 3.544 ug/l
RT: 6.992 min Scan# 1758
Delta R.T. 0.013 min
Lab File: VU044917.D
Acq: 28 Sep 2021 03:28

Tgt Ion: 88 Resp: 333
Ion Ratio Lower Upper
88 100
43 0.0 25.8 38.6#
58 40.8 61.3 91.9#

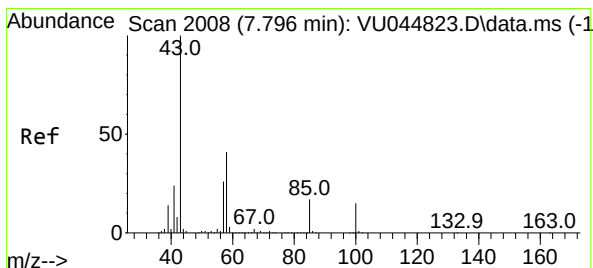
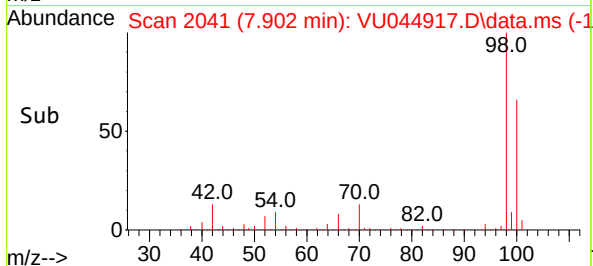
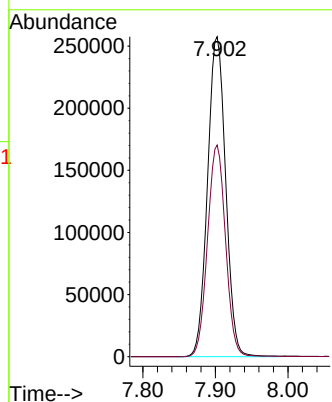
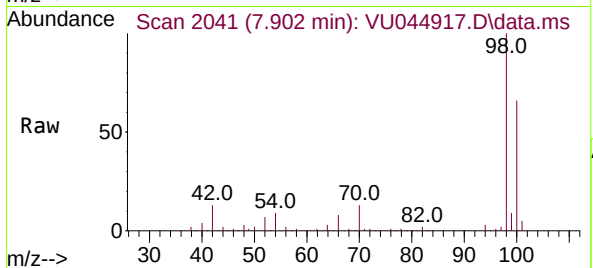




#50
Toluene-d8
Concen: 48.325 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VU044917.D
Acq: 28 Sep 2021 03:28

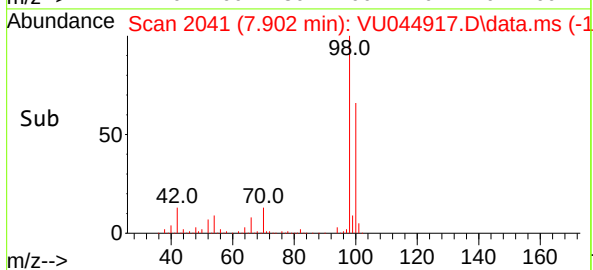
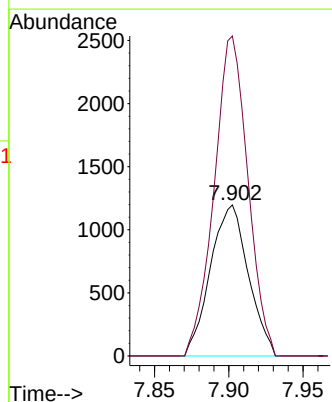
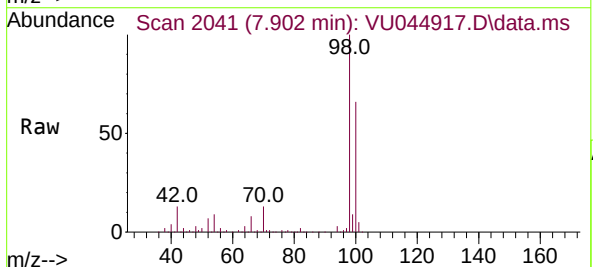
Instrument :
MSVOA_U
ClientSampleId :
RE125D2-20210917DL

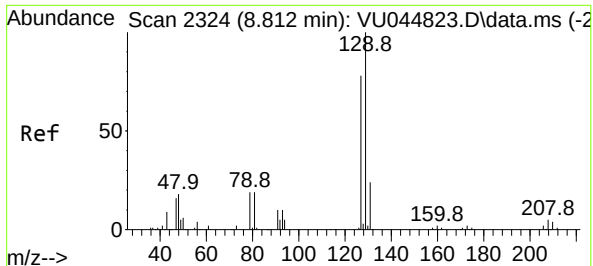
Tgt Ion: 98 Resp: 447761
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.383 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.106 min
Lab File: VU044917.D
Acq: 28 Sep 2021 03:28

Tgt Ion: 43 Resp: 2124
Ion Ratio Lower Upper
43 100
58 188.8 32.4 48.6#

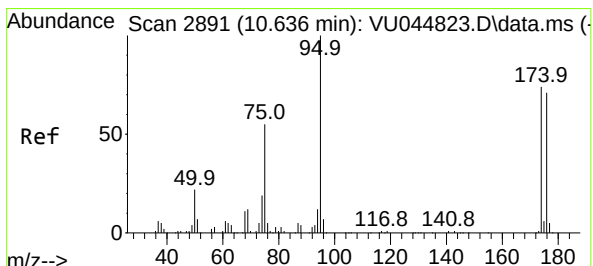
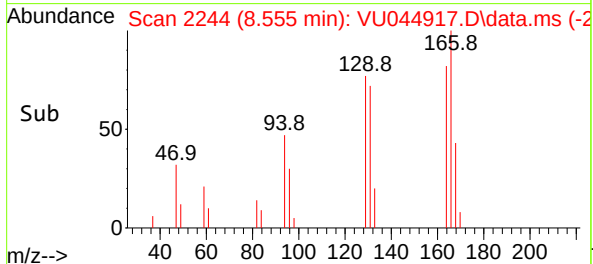
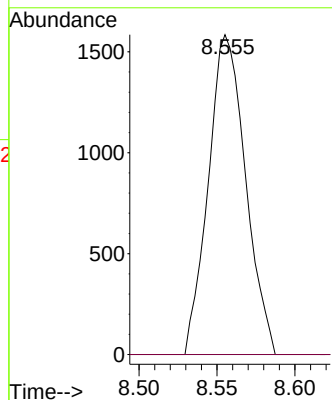
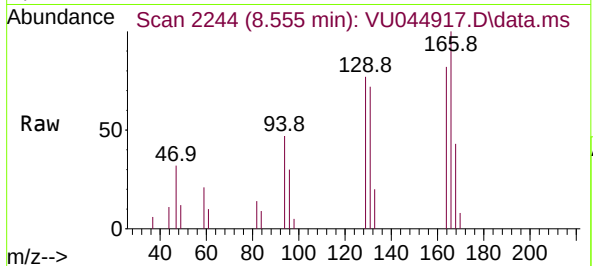




#60
Dibromochloromethane
Concen: 0.929 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU044917.D
Acq: 28 Sep 2021 03:28

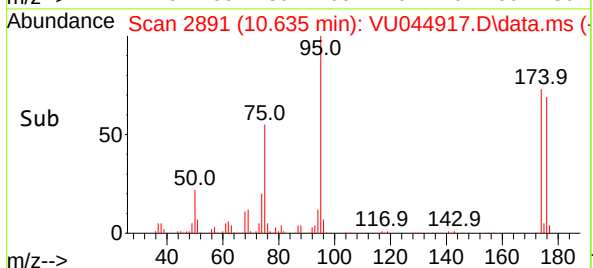
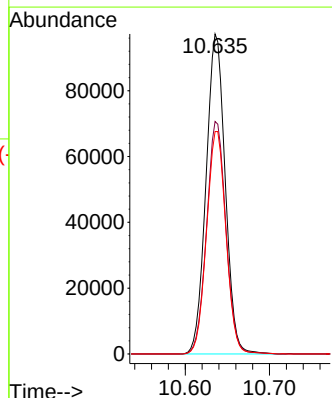
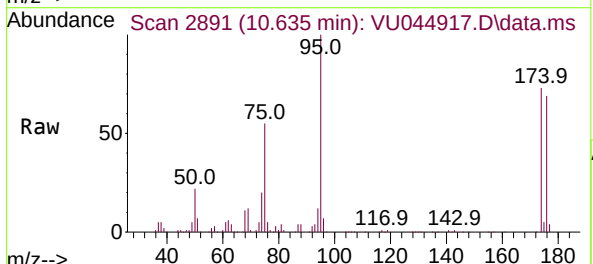
Instrument :
MSVOA_U
ClientSampleId :
RE125D2-20210917DL

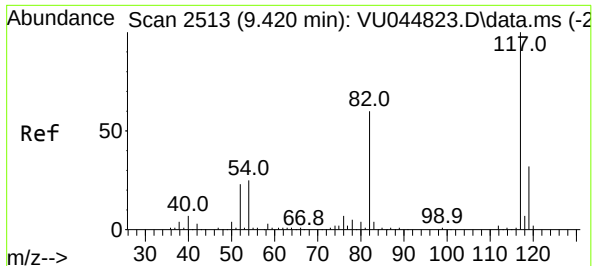
Tgt Ion:129 Resp: 2632
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#



#62
4-Bromofluorobenzene
Concen: 44.739 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.000 min
Lab File: VU044917.D
Acq: 28 Sep 2021 03:28

Tgt Ion: 95 Resp: 153968
Ion Ratio Lower Upper
95 100
174 73.3 0.0 146.6
176 70.4 0.0 141.2



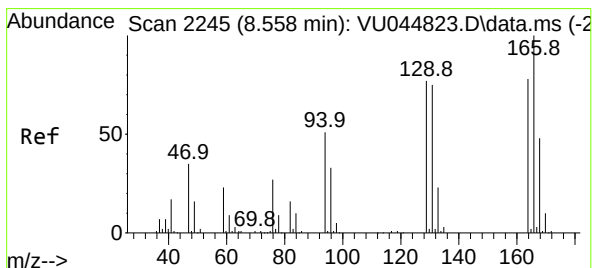
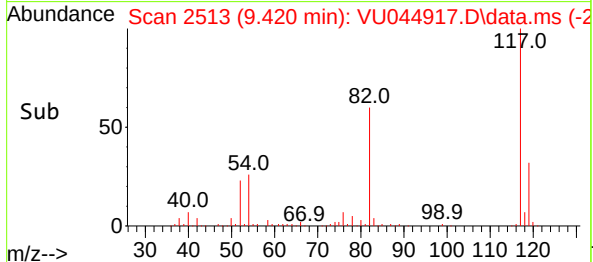
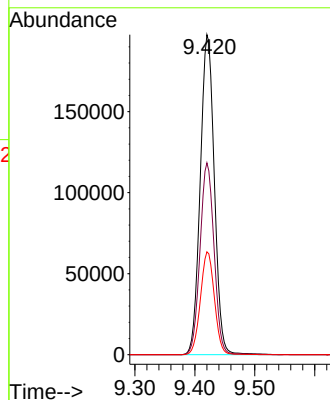
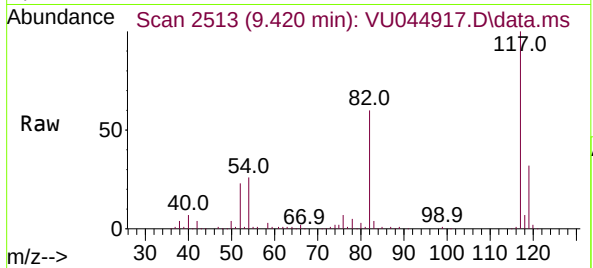


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. -0.000 min
Lab File: VU044917.D
Acq: 28 Sep 2021 03:28

Instrument :
MSVOA_U
ClientSampleId :
RE125D2-20210917DL

Tgt Ion:117 Resp: 323829

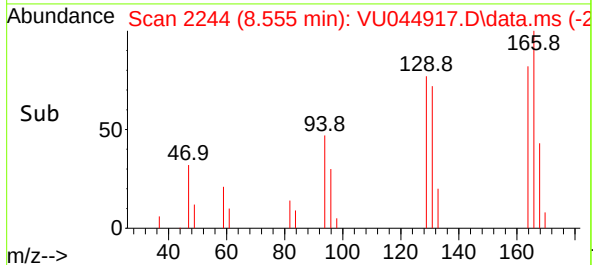
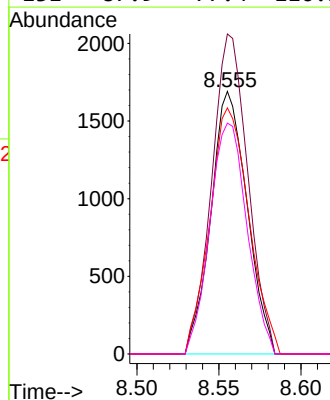
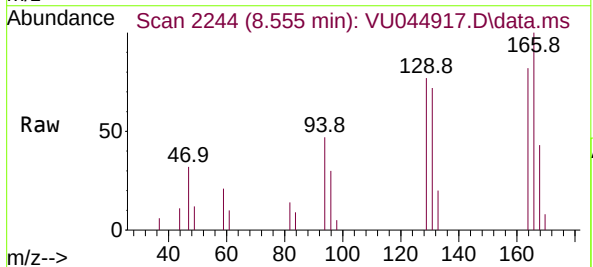
Ion	Ratio	Lower	Upper
117	100		
82	59.9	47.8	71.8
119	32.1	25.8	38.6

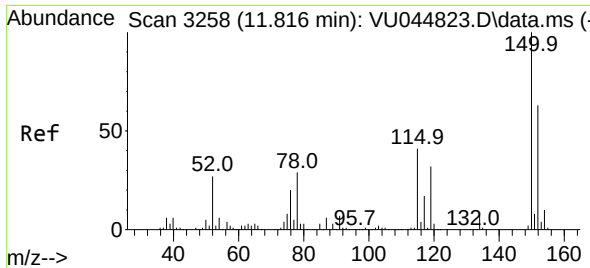


#64
Tetrachloroethene
Concen: 1.176 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU044917.D
Acq: 28 Sep 2021 03:28

Tgt Ion:164 Resp: 2582

Ion	Ratio	Lower	Upper
164	100		
166	121.9	102.8	154.2
129	93.7	79.4	119.2
131	87.9	77.4	116.2

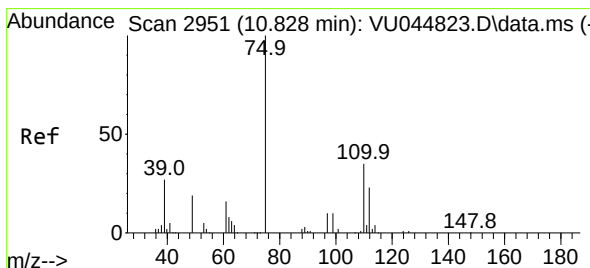
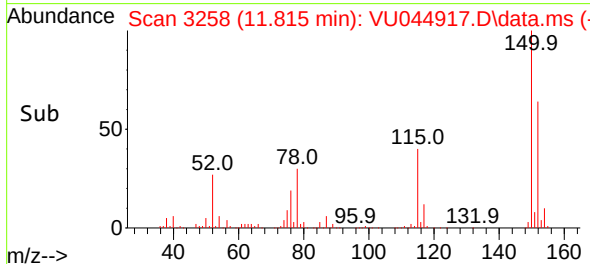
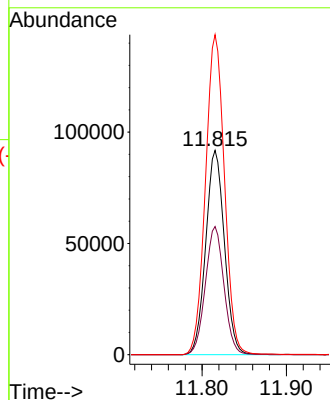
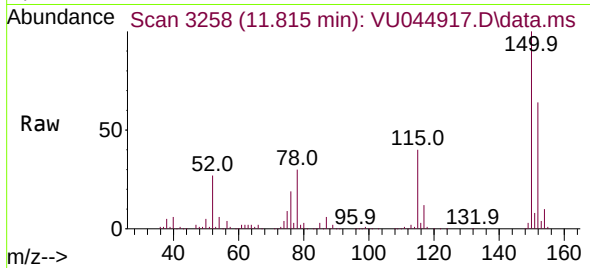




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.815 min Scan# 3258
 Delta R.T. -0.000 min
 Lab File: VU044917.D
 Acq: 28 Sep 2021 03:28

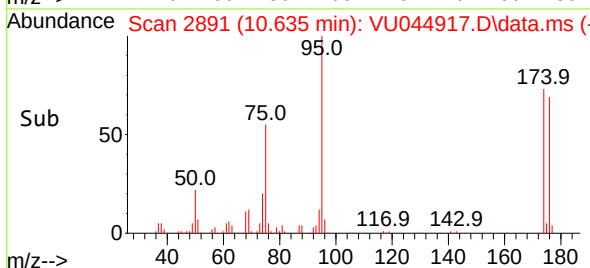
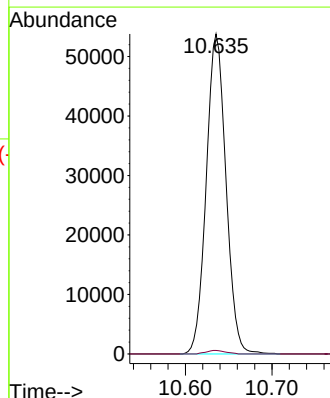
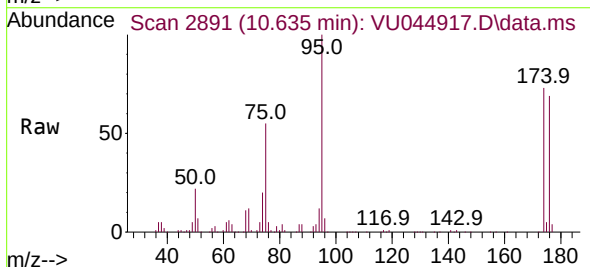
Instrument :
 MSVOA_U
 ClientSampleId :
 RE125D2-20210917DL

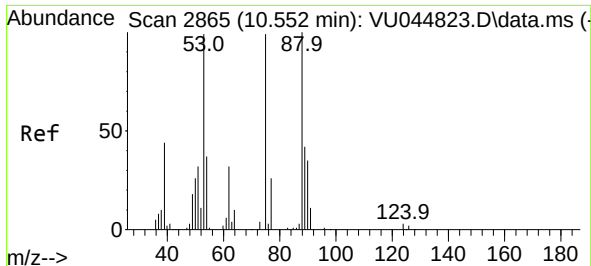
Tgt Ion:152 Resp: 142059
 Ion Ratio Lower Upper
 152 100
 115 62.4 43.5 130.7
 150 158.8 0.0 350.0



#76
 1,2,3-Trichloropropane
 Concen: 19.773 ug/l
 RT: 10.635 min Scan# 2891
 Delta R.T. -0.193 min
 Lab File: VU044917.D
 Acq: 28 Sep 2021 03:28

Tgt Ion: 75 Resp: 85059
 Ion Ratio Lower Upper
 75 100
 77 1.1 17.9 53.7#

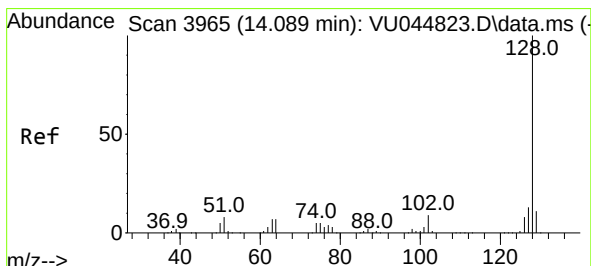
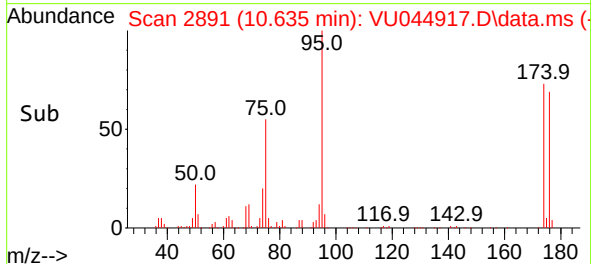
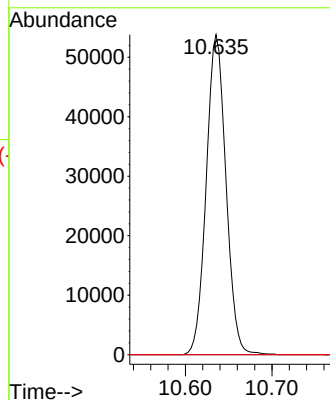
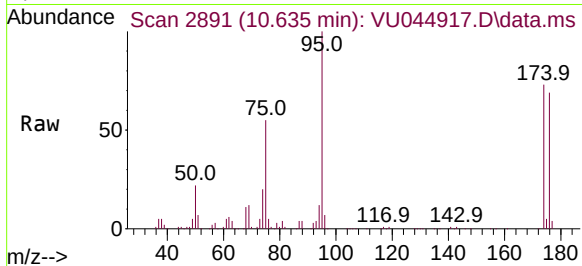




#81
trans-1,4-Dichloro-2-butene
Concen: 64.054 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.084 min
Lab File: VU044917.D
Acq: 28 Sep 2021 03:28

Instrument :
MSVOA_U
ClientSampleId :
RE125D2-20210917DL

Tgt Ion: 75 Resp: 85059
Ion Ratio Lower Upper
75 100
53 0.0 82.0 123.0#
89 0.0 34.2 51.4#



#95
Naphthalene
Concen: 1.001 ug/l
RT: 14.098 min Scan# 3968
Delta R.T. 0.009 min
Lab File: VU044917.D
Acq: 28 Sep 2021 03:28

Tgt Ion:128 Resp: 644
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.6 13.0#

