

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092721\
 Data File : VU044922.D
 Acq On : 28 Sep 2021 05:25
 Operator : SY/MD
 Sample : M3915-19
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE109D1-20210922

Quant Time: Sep 28 06:32:29 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)

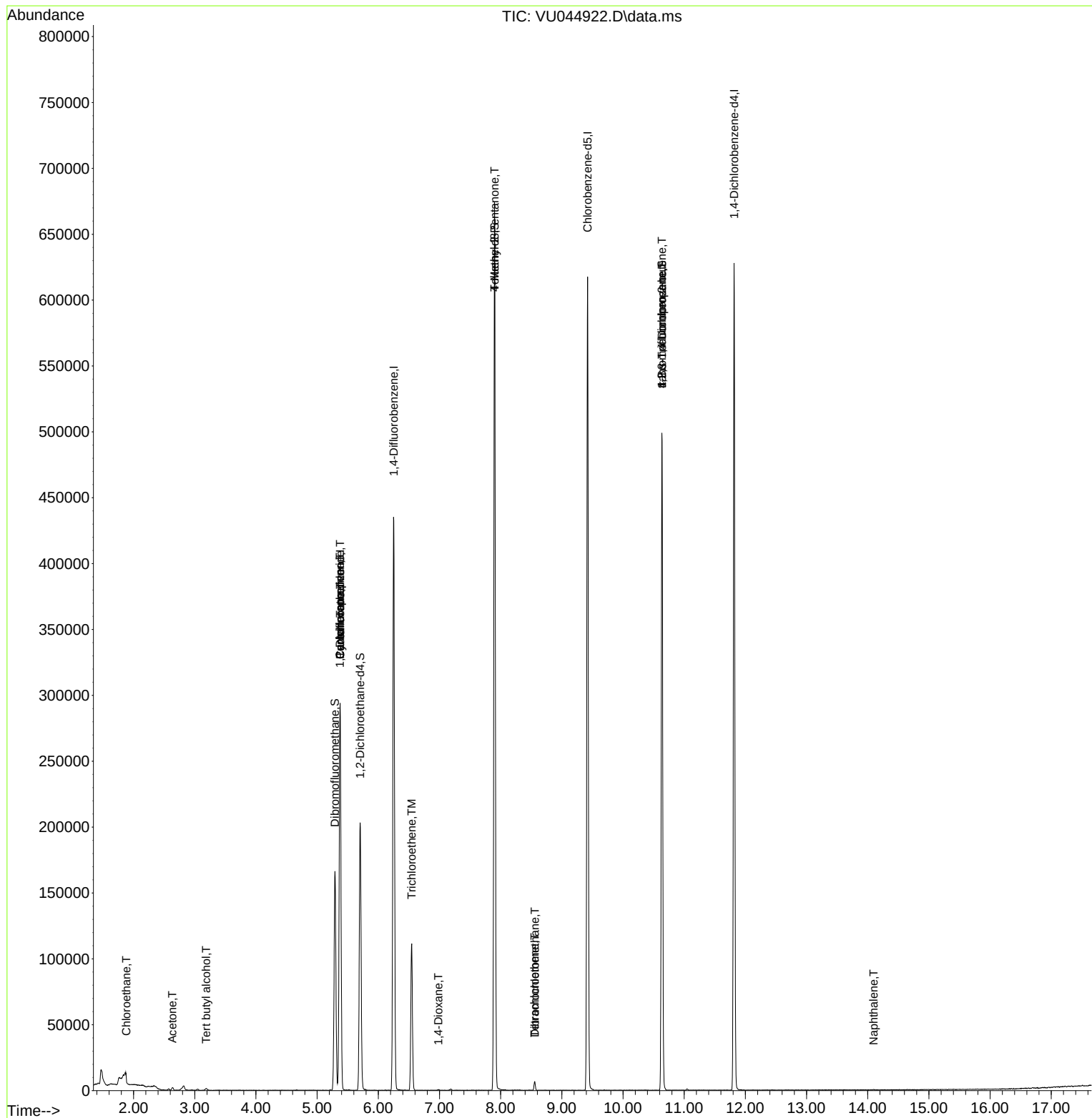
Internal Standards						
1) Pentafluorobenzene	5.375	168	193212	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	341638	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	318574	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	151935	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	152585	45.250	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.500%	
35) Dibromofluoromethane	5.292	113	105630	45.070	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.140%	
50) Toluene-d8	7.899	98	426398	48.172	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.340%	
62) 4-Bromofluorobenzene	10.636	95	163873	49.845	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.680%	
Target Compounds					Qvalue	
5) Bromomethane	1.835	94	311	Below Cal		83
6) Chloroethane	1.884	64	1486	0.307 ug/l #		42
11) Tert butyl alcohol	3.186	59	1073	1.090 ug/l #		72
16) Acetone	2.636	43	2110	1.109 ug/l		91
31) Cyclohexane	5.375	56	4867	1.005 ug/l #		1
36) 1,1-Dichloropropene	5.372	75	17881	4.933 ug/l #		49
38) Carbon Tetrachloride	5.375	117	20451	6.311 ug/l #		15
44) Trichloroethene	6.546	130	35724	13.450 ug/l		99
49) 1,4-Dioxane	6.983	88	558	6.216 ug/l #		66
51) 4-Methyl-2-Pentanone	7.899	43	1932	0.364 ug/l #		1
60) Dibromochloromethane	8.559	129	1412	0.522 ug/l #		10
64) Tetrachloroethene	8.555	164	1385	0.641 ug/l		94
76) 1,2,3-Trichloropropane	10.636	75	90779	19.731 ug/l #		41
81) trans-1,4-Dichloro-2-b...	10.636	75	90779	63.917 ug/l #		9
95) Naphthalene	14.095	128	378	0.975 ug/l #		69

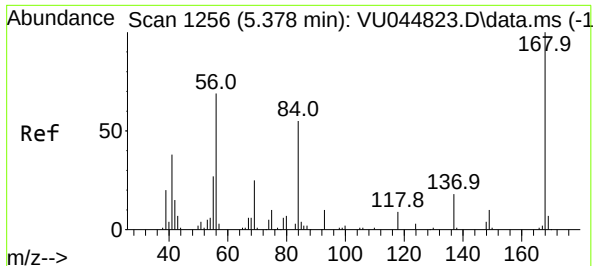
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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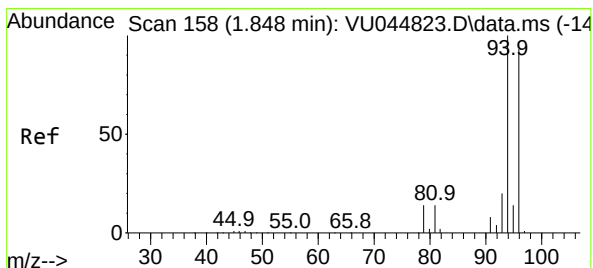
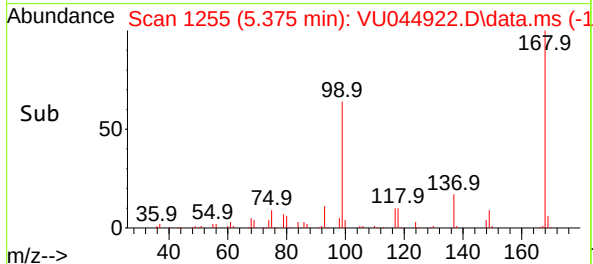
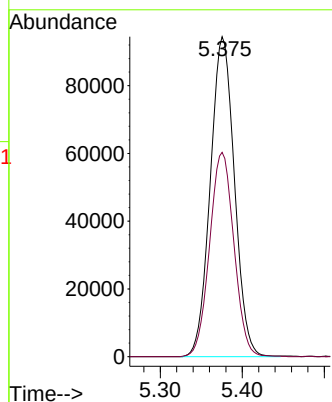
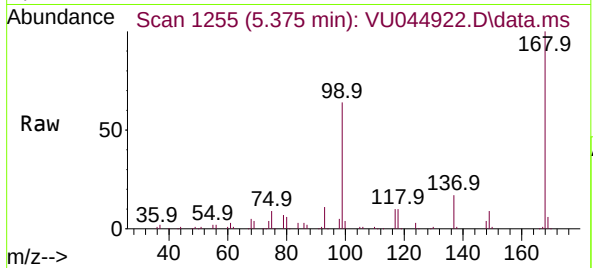




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.003 min
Lab File: VU044922.D
Acq: 28 Sep 2021 05:25

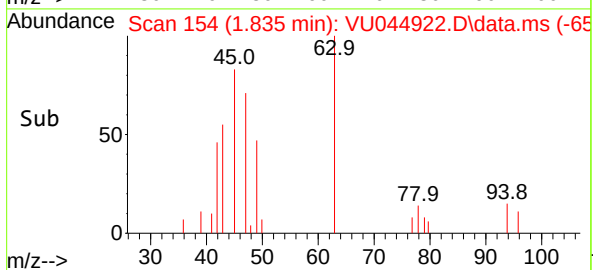
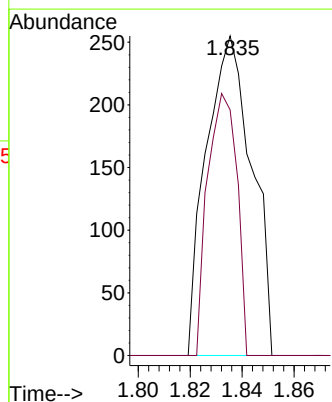
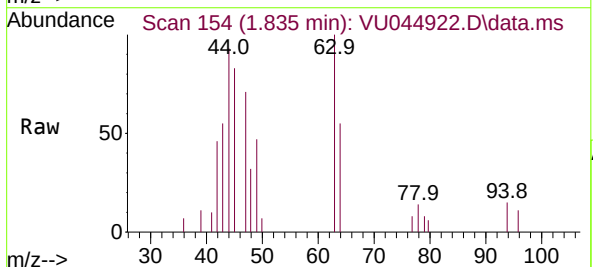
Instrument :
MSVOA_U
ClientSampleId :
RE109D1-20210922

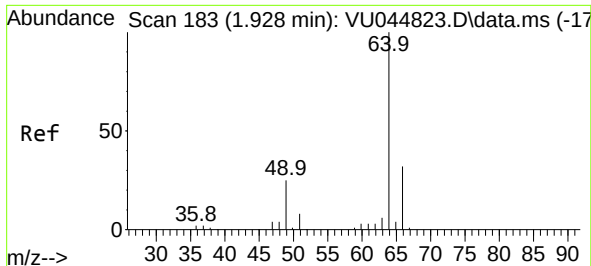
Tgt Ion:168 Resp: 193212
Ion Ratio Lower Upper
168 100
99 63.8 51.4 77.0



#5
Bromomethane
Concen: Below Cal
RT: 1.835 min Scan# 154
Delta R.T. -0.013 min
Lab File: VU044922.D
Acq: 28 Sep 2021 05:25

Tgt Ion: 94 Resp: 311
Ion Ratio Lower Upper
94 100
96 76.9 74.5 111.7

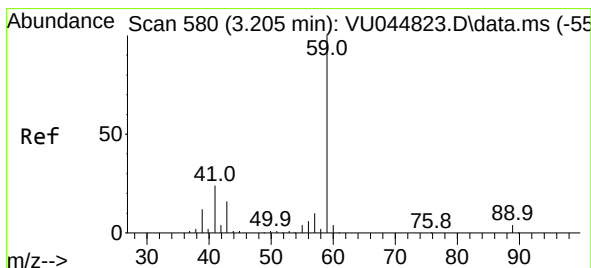
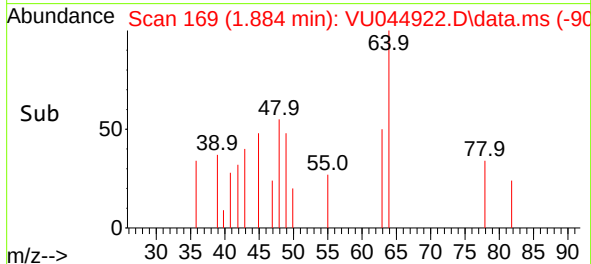
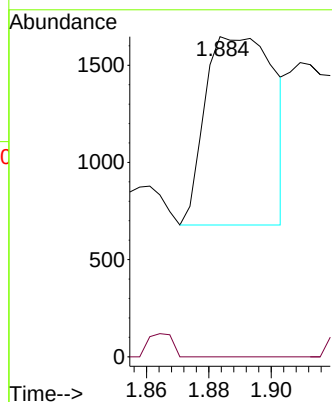
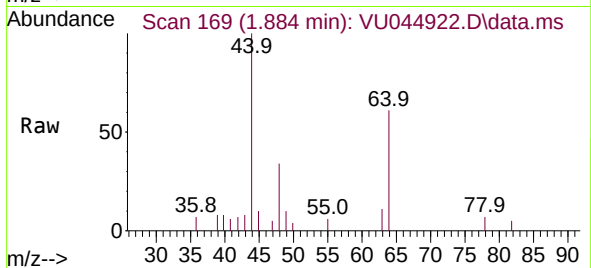




#6
Chloroethane
Concen: 0.307 ug/l
RT: 1.884 min Scan# 169
Delta R.T. -0.044 min
Lab File: VU044922.D
Acq: 28 Sep 2021 05:25

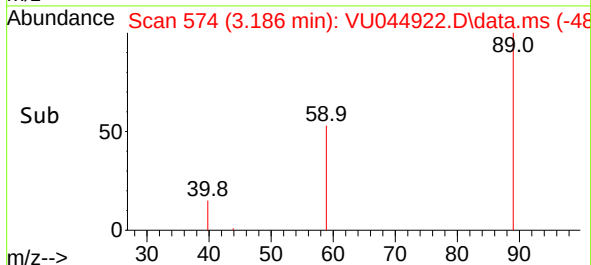
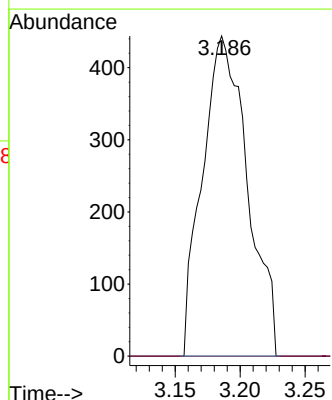
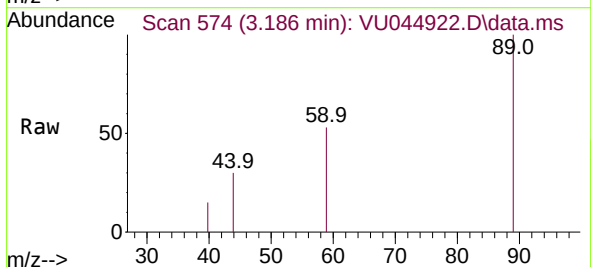
Instrument :
MSVOA_U
ClientSampleId :
RE109D1-20210922

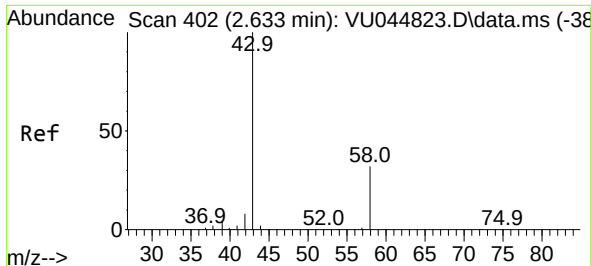
Tgt Ion: 64 Resp: 1486
Ion Ratio Lower Upper
64 100
66 0.0 25.8 38.8#



#11
Tert butyl alcohol
Concen: 1.090 ug/l
RT: 3.186 min Scan# 574
Delta R.T. -0.019 min
Lab File: VU044922.D
Acq: 28 Sep 2021 05:25

Tgt Ion: 59 Resp: 1073
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

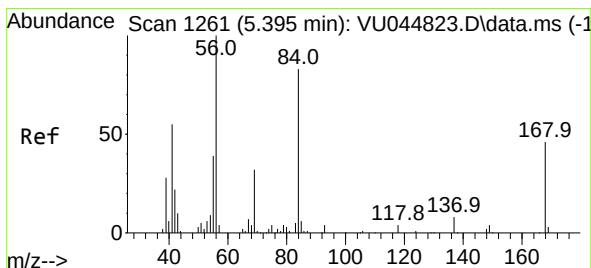
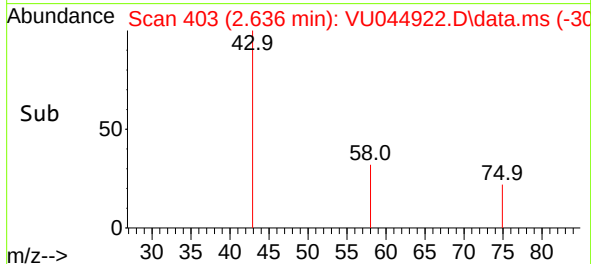
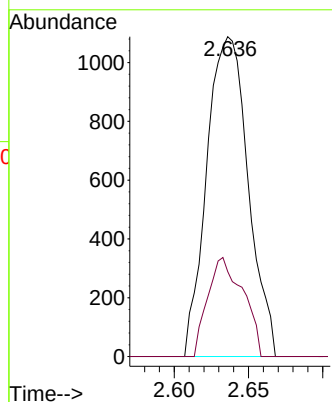
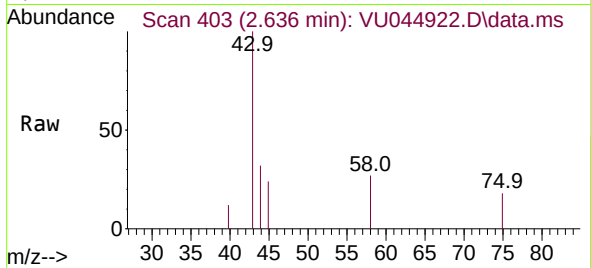




#16
Acetone
Concen: 1.109 ug/l
RT: 2.636 min Scan# 403
Delta R.T. 0.003 min
Lab File: VU044922.D
Acq: 28 Sep 2021 05:25

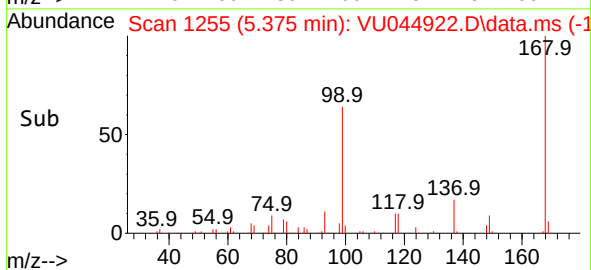
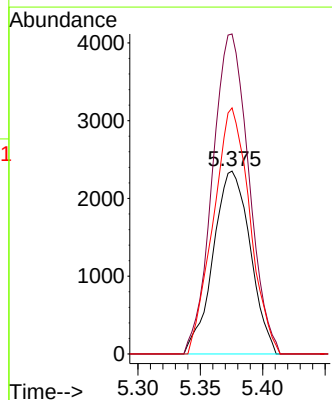
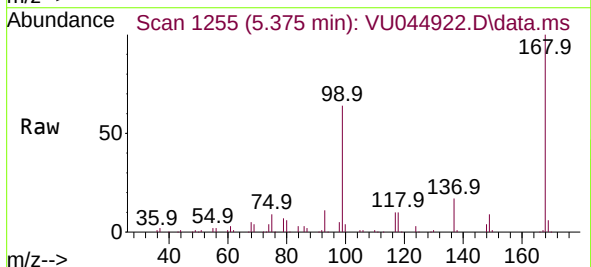
Instrument :
MSVOA_U
ClientSampleId :
RE109D1-20210922

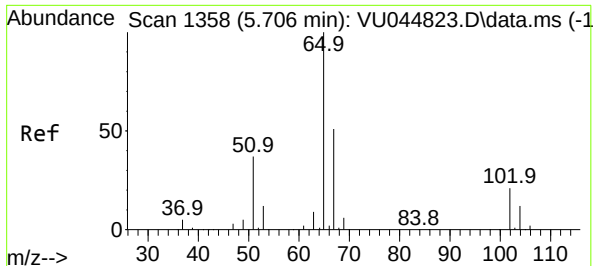
Tgt Ion: 43 Resp: 2110
Ion Ratio Lower Upper
43 100
58 26.6 25.2 37.8



#31
Cyclohexane
Concen: 1.005 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.019 min
Lab File: VU044922.D
Acq: 28 Sep 2021 05:25

Tgt Ion: 56 Resp: 4867
Ion Ratio Lower Upper
56 100
69 175.0 25.2 37.8#
84 134.6 66.4 99.6#



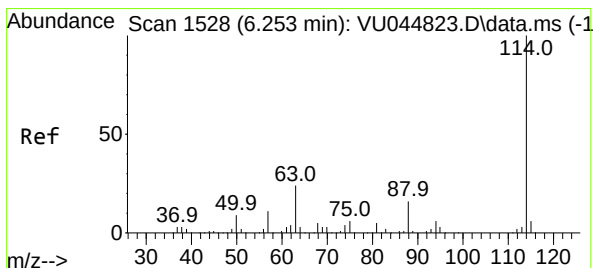
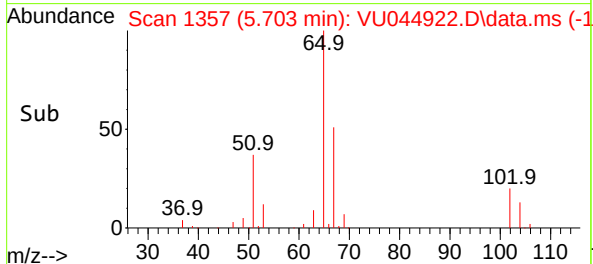
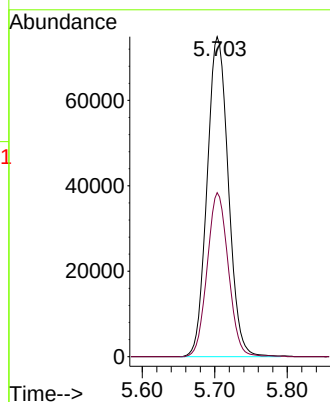
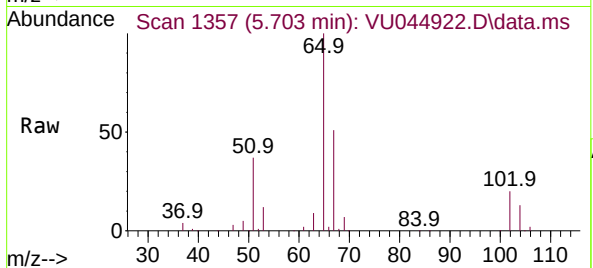


#33

1,2-Dichloroethane-d4
Concen: 45.250 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. -0.003 min
Lab File: VU044922.D
Acq: 28 Sep 2021 05:25

Instrument :
MSVOA_U
ClientSampleId :
RE109D1-20210922

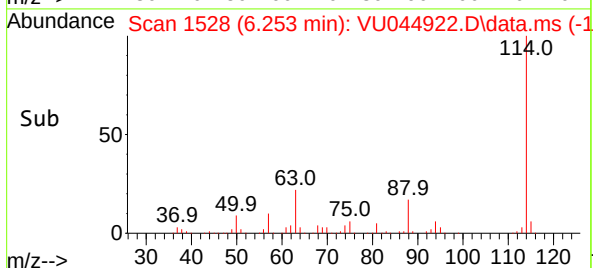
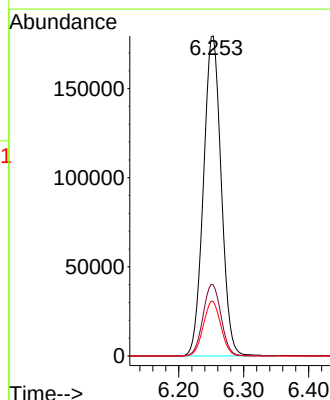
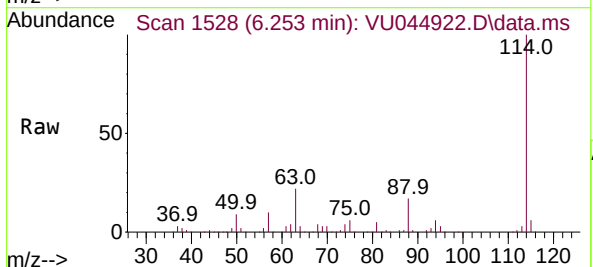
Tgt Ion: 65 Resp: 152585
Ion Ratio Lower Upper
65 100
67 50.8 0.0 104.8

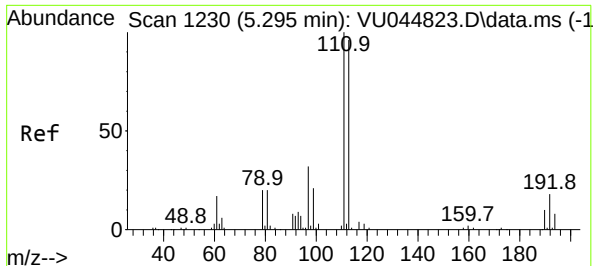


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VU044922.D
Acq: 28 Sep 2021 05:25

Tgt Ion: 114 Resp: 341638
Ion Ratio Lower Upper
114 100
63 22.2 0.0 47.8
88 17.0 0.0 32.8





#35

Dibromofluoromethane

Concen: 45.070 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. -0.003 min

Lab File: VU044922.D

Acq: 28 Sep 2021 05:25

Instrument :

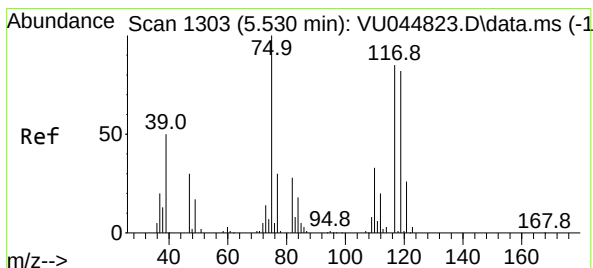
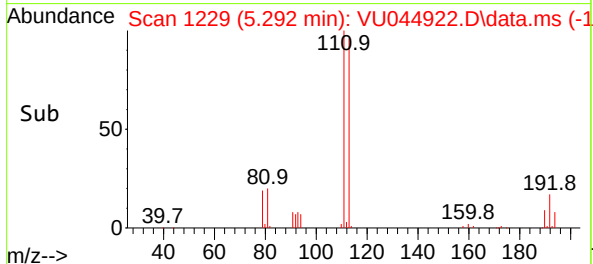
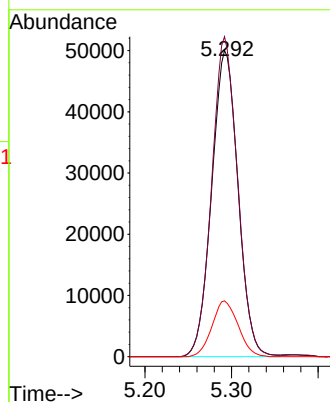
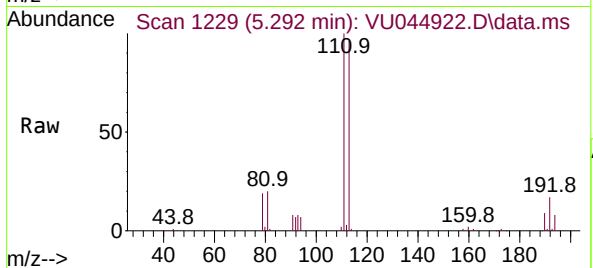
MSVOA_U

ClientSampleId :

RE109D1-20210922

Tgt Ion:113 Resp: 105630

Ion	Ratio	Lower	Upper
113	100		
111	102.5	84.1	126.1
192	18.1	14.8	22.2



#36

1,1-Dichloropropene

Concen: 4.933 ug/l

RT: 5.372 min Scan# 1254

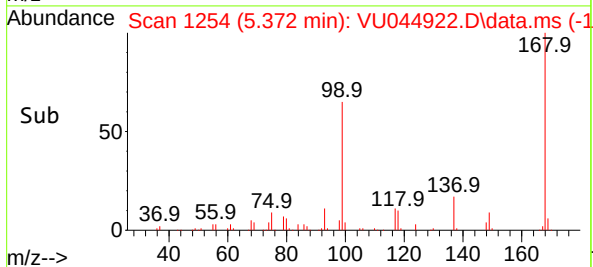
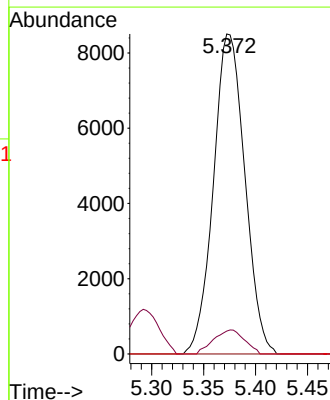
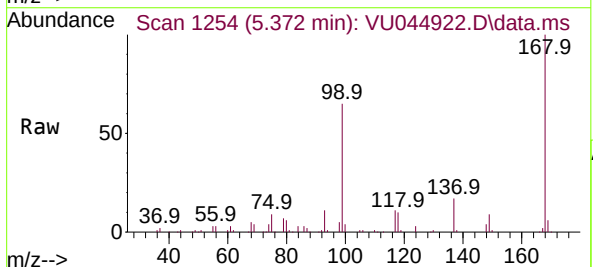
Delta R.T. -0.157 min

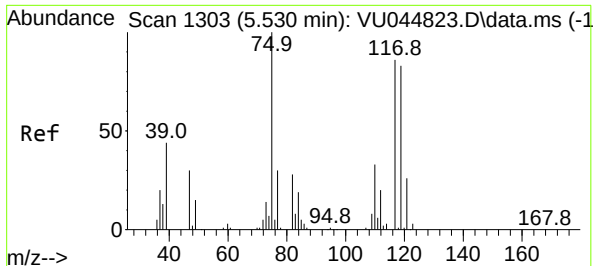
Lab File: VU044922.D

Acq: 28 Sep 2021 05:25

Tgt Ion: 75 Resp: 17881

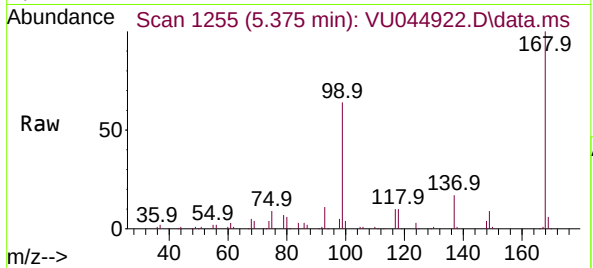
Ion	Ratio	Lower	Upper
75	100		
110	7.4	16.3	48.9#
77	0.0	25.0	37.4#



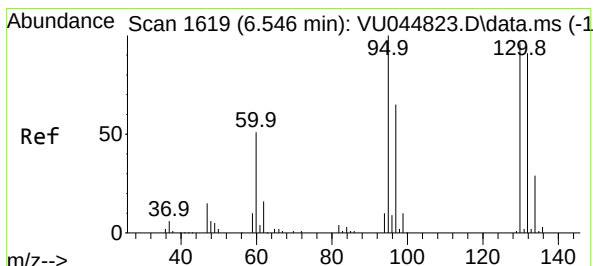
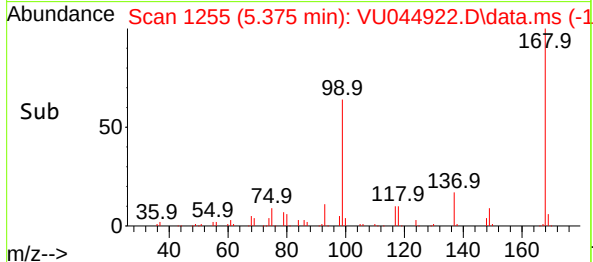
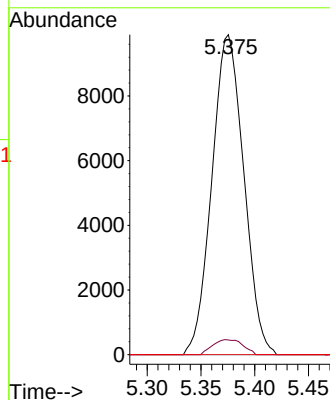


#38
Carbon Tetrachloride
Concen: 6.311 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.154 min
Lab File: VU044922.D
Acq: 28 Sep 2021 05:25

Instrument :
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ClientSampleId :
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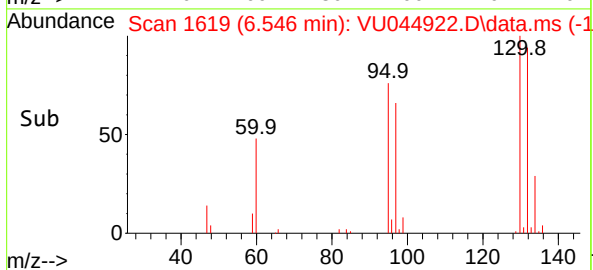
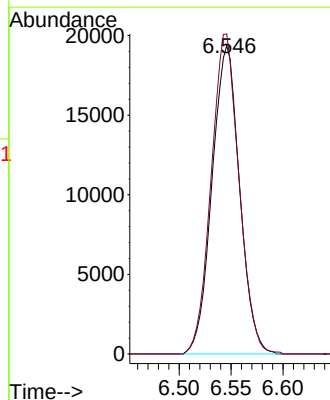
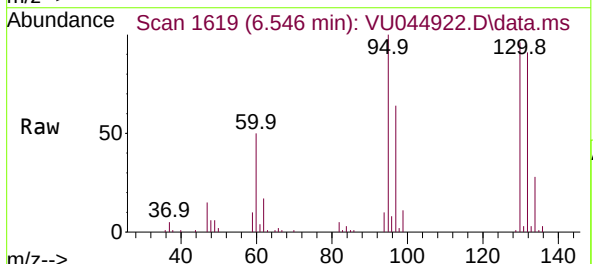


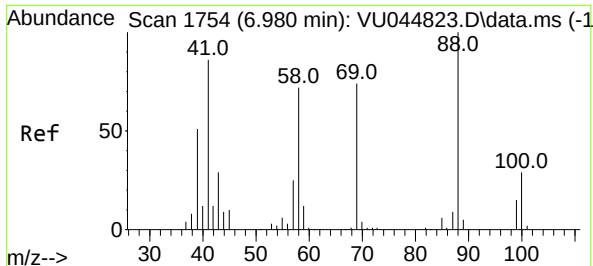
Tgt Ion:117 Resp: 20451
Ion Ratio Lower Upper
117 100
119 4.6 77.4 116.2#
121 0.0 24.5 36.7#



#44
Trichloroethene
Concen: 13.450 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU044922.D
Acq: 28 Sep 2021 05:25

Tgt Ion:130 Resp: 35724
Ion Ratio Lower Upper
130 100
95 103.8 0.0 209.0





#49

1,4-Dioxane

Concen: 6.216 ug/l

RT: 6.983 min Scan# 1755

Delta R.T. 0.003 min

Lab File: VU044922.D

Acq: 28 Sep 2021 05:25

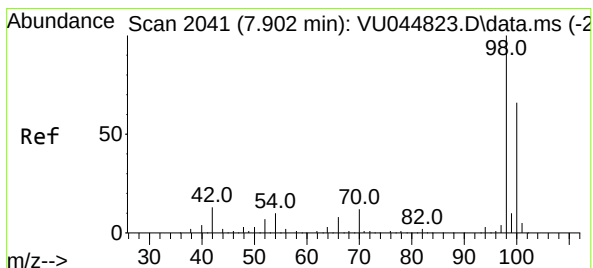
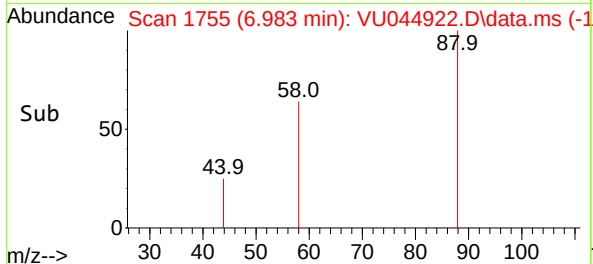
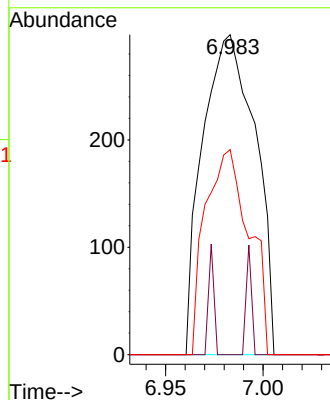
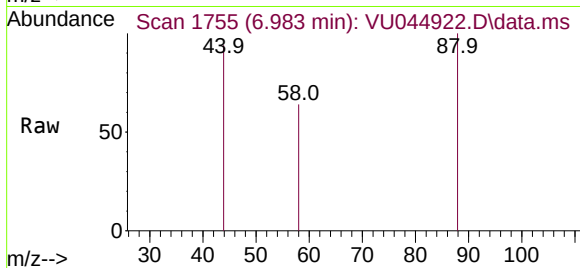
Tgt Ion: 88 Resp: 558

Ion Ratio Lower Upper

88 100

43 3.6 25.8 38.6#

58 53.6 61.3 91.9#



#50

Toluene-d8

Concen: 48.172 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. -0.003 min

Lab File: VU044922.D

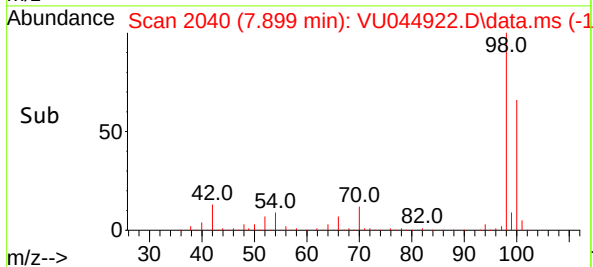
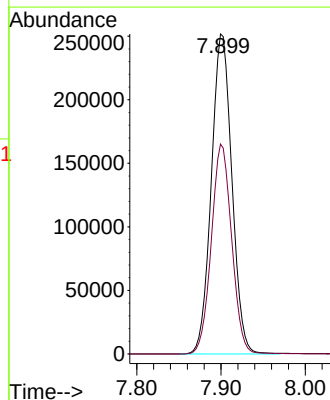
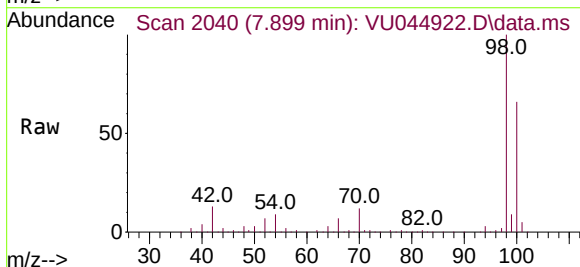
Acq: 28 Sep 2021 05:25

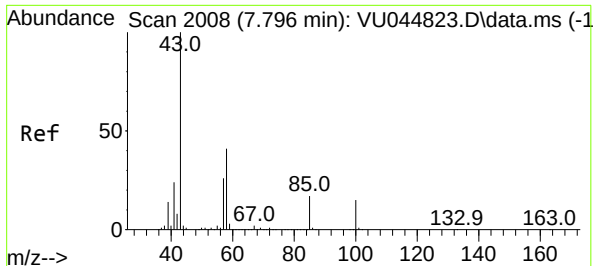
Tgt Ion: 98 Resp: 426398

Ion Ratio Lower Upper

98 100

100 64.9 52.5 78.7

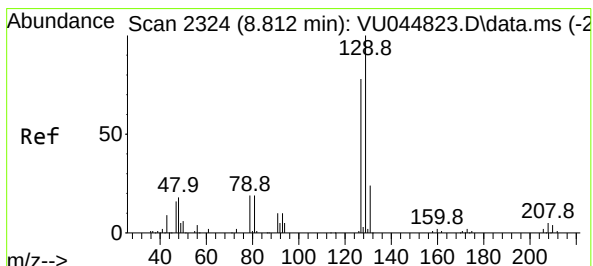
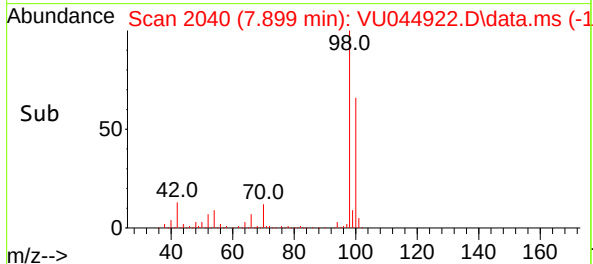
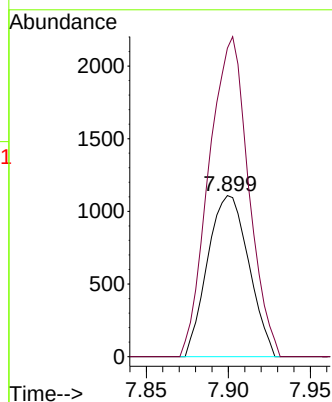
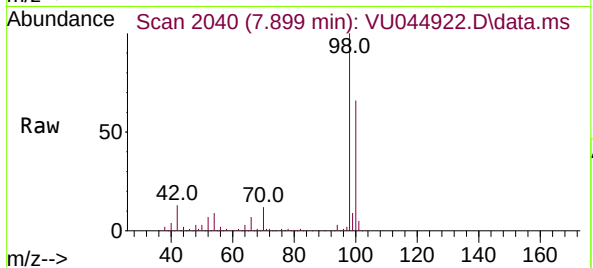




#51
4-Methyl-2-Pentanone
Concen: 0.364 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.103 min
Lab File: VU044922.D
Acq: 28 Sep 2021 05:25

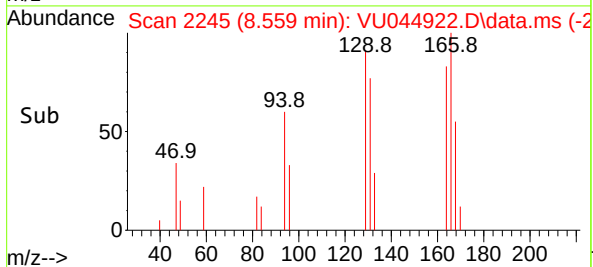
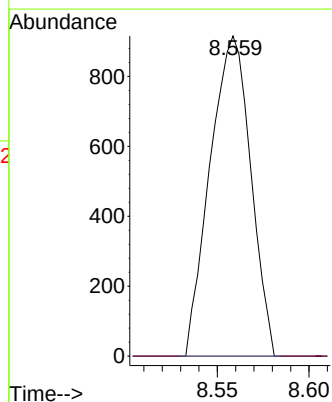
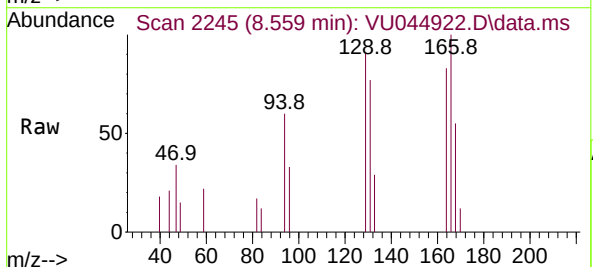
Instrument :
MSVOA_U
ClientSampleId :
RE109D1-20210922

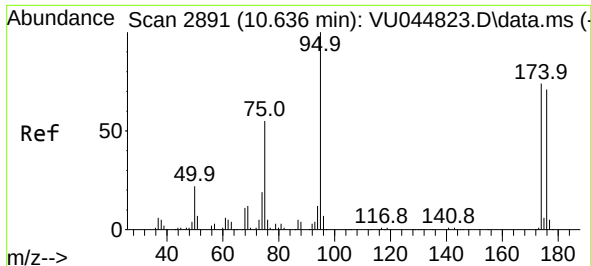
Tgt Ion: 43 Resp: 1932
Ion Ratio Lower Upper
43 100
58 191.1 32.4 48.6#



#60
Dibromochloromethane
Concen: 0.522 ug/l
RT: 8.559 min Scan# 2245
Delta R.T. -0.254 min
Lab File: VU044922.D
Acq: 28 Sep 2021 05:25

Tgt Ion: 129 Resp: 1412
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#

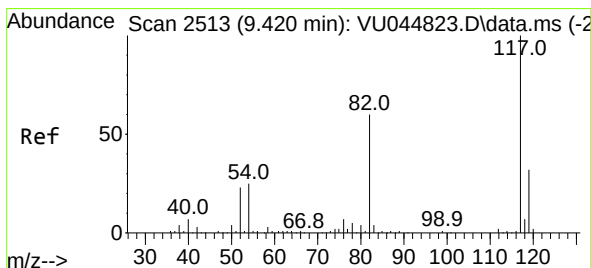
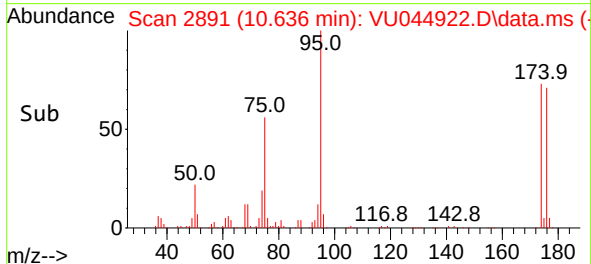
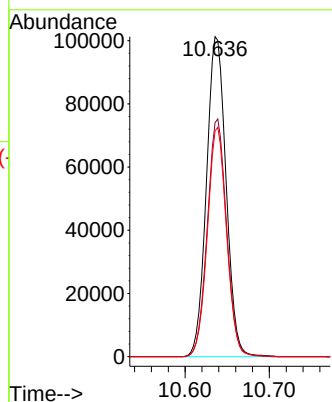
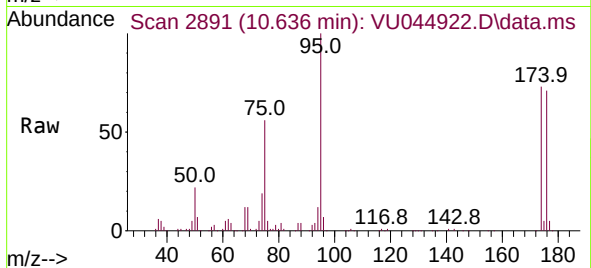




#62
4-Bromofluorobenzene
Concen: 49.845 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU044922.D
Acq: 28 Sep 2021 05:25

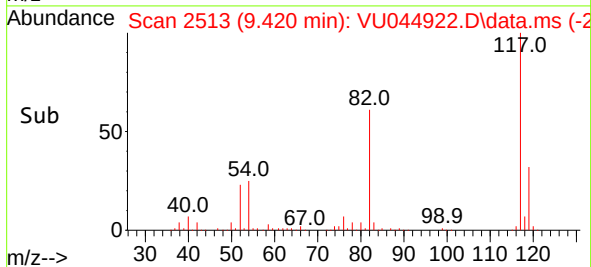
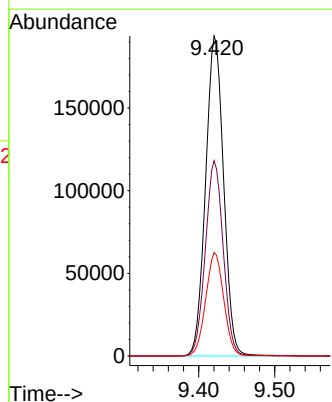
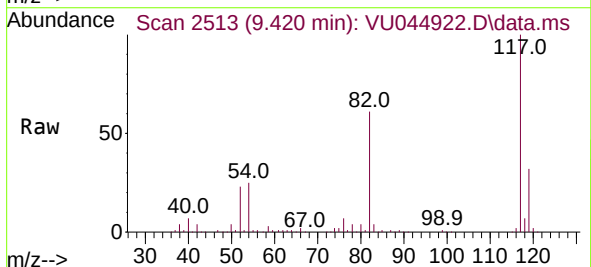
Instrument :
MSVOA_U
ClientSampleId :
RE109D1-20210922

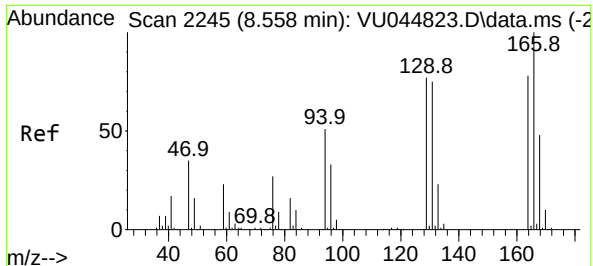
Tgt Ion: 95 Resp: 163873
Ion Ratio Lower Upper
95 100
174 73.2 0.0 146.6
176 70.1 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU044922.D
Acq: 28 Sep 2021 05:25

Tgt Ion: 117 Resp: 318574
Ion Ratio Lower Upper
117 100
82 61.0 47.8 71.8
119 32.3 25.8 38.6



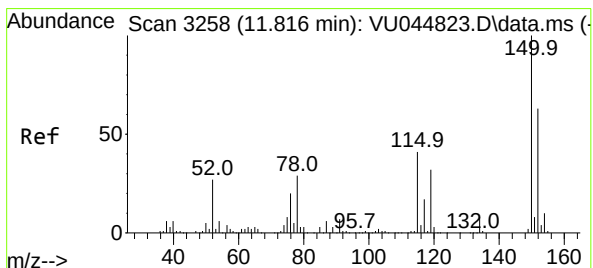
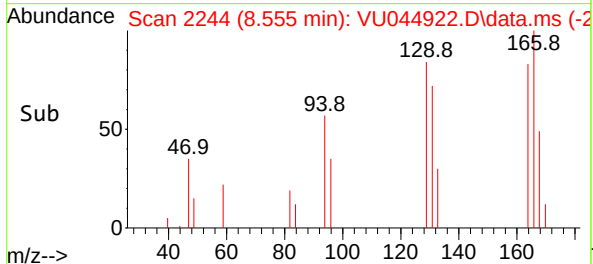
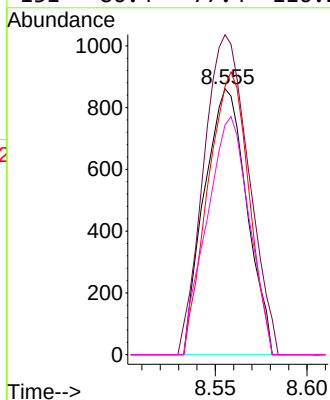
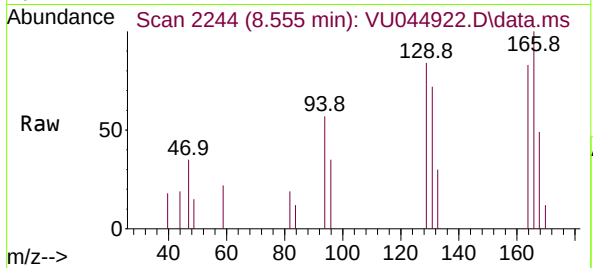


#64
Tetrachloroethene
Concen: 0.641 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU044922.D
Acq: 28 Sep 2021 05:25

Instrument :
MSVOA_U
ClientSampleId :
RE109D1-20210922

Tgt Ion:164 Resp: 1385

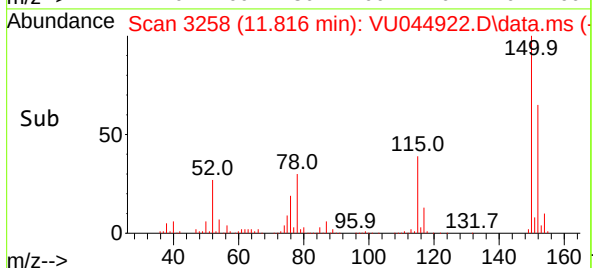
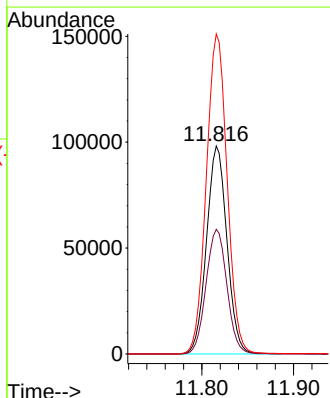
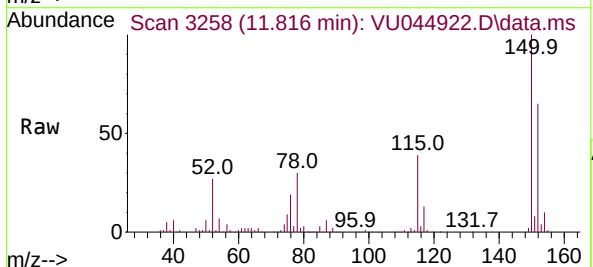
Ion	Ratio	Lower	Upper
164	100		
166	120.3	102.8	154.2
129	100.9	79.4	119.2
131	86.4	77.4	116.2

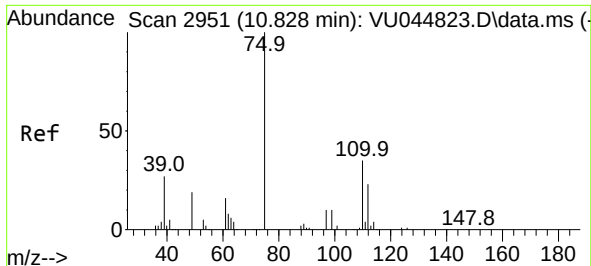


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.000 min
Lab File: VU044922.D
Acq: 28 Sep 2021 05:25

Tgt Ion:152 Resp: 151935

Ion	Ratio	Lower	Upper
152	100		
115	61.2	43.5	130.7
150	156.9	0.0	350.0

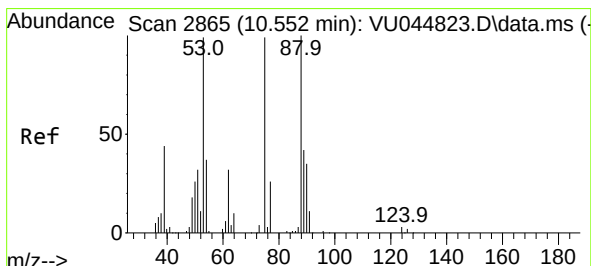
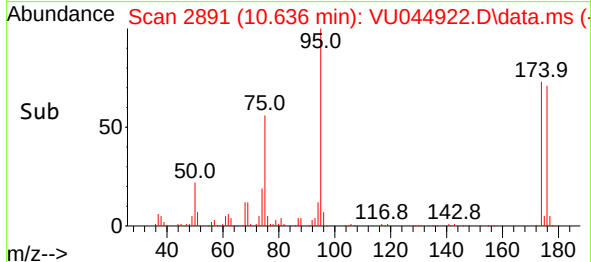
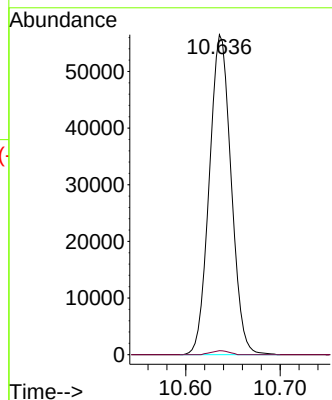
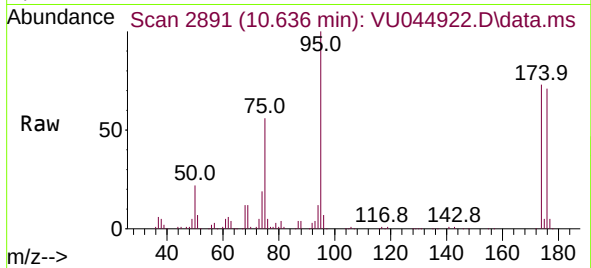




#76
1,2,3-Trichloropropane
Concen: 19.731 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.193 min
Lab File: VU044922.D
Acq: 28 Sep 2021 05:25

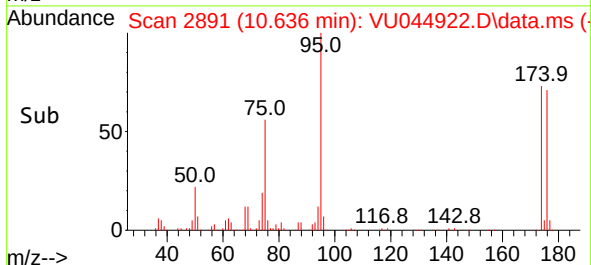
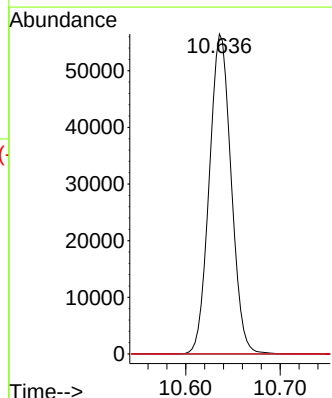
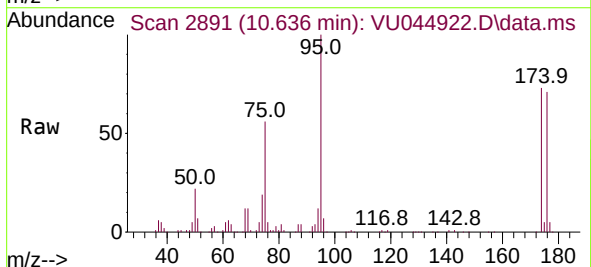
Instrument :
MSVOA_U
ClientSampleId :
RE109D1-20210922

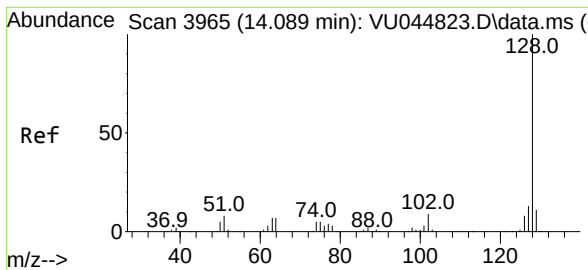
Tgt Ion: 75 Resp: 90779
Ion Ratio Lower Upper
75 100
77 1.0 17.9 53.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.917 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.084 min
Lab File: VU044922.D
Acq: 28 Sep 2021 05:25

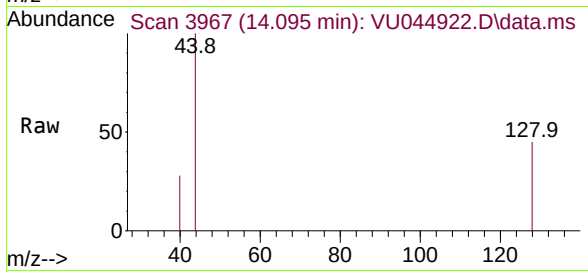
Tgt Ion: 75 Resp: 90779
Ion Ratio Lower Upper
75 100
53 0.0 82.0 123.0#
89 0.0 34.2 51.4#





#95
Naphthalene
Concen: 0.975 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.006 min
Lab File: VU044922.D
Acq: 28 Sep 2021 05:25

Instrument :
MSVOA_U
ClientSampleId :
RE109D1-20210922



Tgt Ion:128 Resp: 378
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.6 13.0#

