

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110221\
 Data File : VU045495.D
 Acq On : 01 Nov 2021 18:30
 Operator : SY/MD
 Sample : M4431-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-VPB-RW9-GW-338-340

Quant Time: Nov 02 07:35:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U102821W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 29 11:09:42 2021
 Response via : Initial Calibration

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

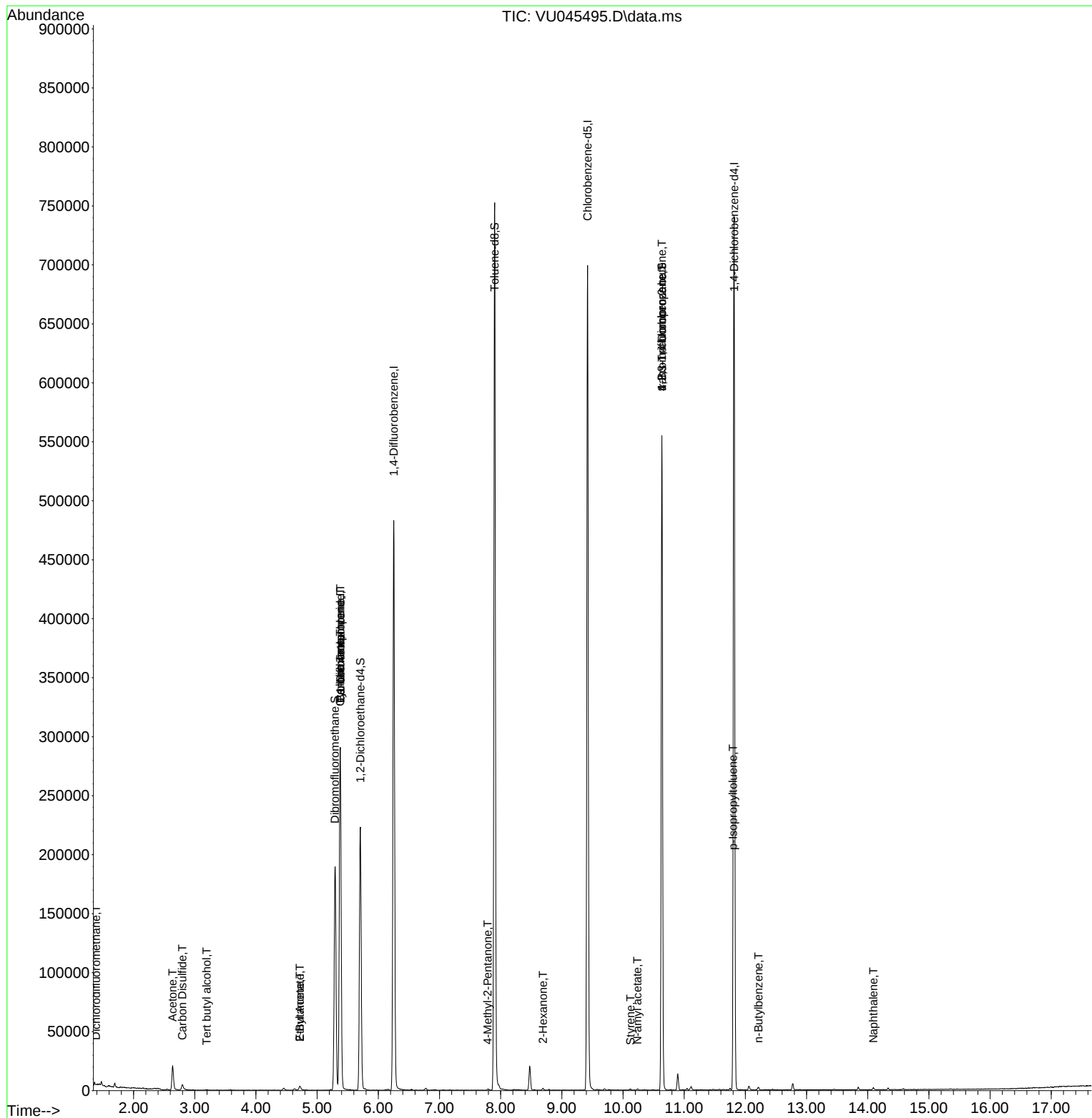
Internal Standards						
1) Pentafluorobenzene	5.379	168	197784	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	386876	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	381223	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	186507	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	164278	51.018	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	102.040%	
35) Dibromofluoromethane	5.292	113	122572	49.827	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	99.660%	
50) Toluene-d8	7.903	98	494143	51.226	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	102.460%	
62) 4-Bromofluorobenzene	10.636	95	188952	51.404	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	102.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	73	0.401	ug/l #	43
11) Tert butyl alcohol	3.195	59	289	0.416	ug/l #	72
16) Acetone	2.639	43	25866	17.694	ug/l	100
17) Carbon Disulfide	2.797	76	3330	0.506	ug/l	99
25) 2-Butanone	4.716	43	5875	2.662	ug/l	97
31) Cyclohexane	5.375	56	4686	0.977	ug/l #	1
36) 1,1-Dichloropropene	5.379	75	17878	4.855	ug/l #	49
37) Ethyl Acetate	4.716	43	5875	1.317	ug/l #	67
38) Carbon Tetrachloride	5.379	117	20221	6.296	ug/l #	16
51) 4-Methyl-2-Pentanone	7.790	43	930	0.214	ug/l #	85
59) 2-Hexanone	8.690	43	1294	0.384	ug/l	86
70) Styrene	10.121	104	332	1.012	ug/l #	52
74) N-amyl acetate	10.234	43	785	1.273	ug/l #	40
76) 1,2,3-Trichloropropane	10.636	75	97303	19.581	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.636	75	97303	54.444	ug/l #	12
86) p-Isopropyltoluene	11.796	119	573	0.236	ug/l #	65
89) n-Butylbenzene	12.214	91	972	1.020	ug/l	92
95) Naphthalene	14.092	128	1957	0.227	ug/l #	87

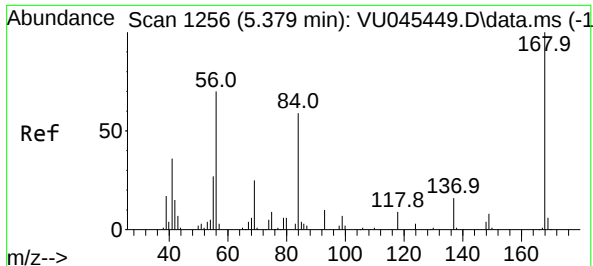
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110221\
Data File : VU045495.D
Acq On : 01 Nov 2021 18:30
Operator : SY/MD
Sample : M4431-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-338-340

Quant Time: Nov 02 07:35:53 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U102821W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 29 11:09:42 2021
Response via : Initial Calibration

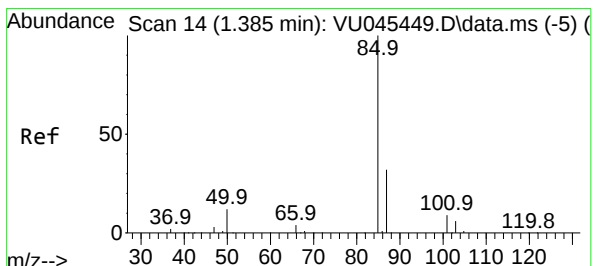
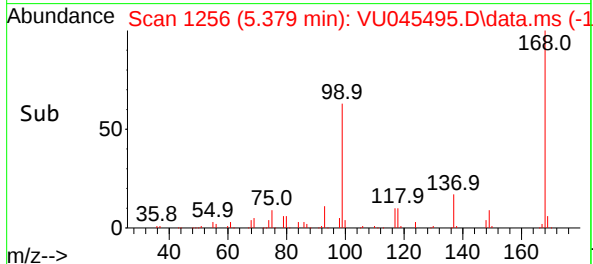
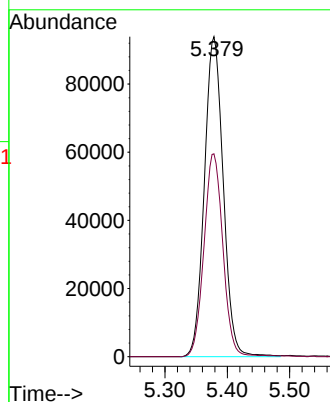
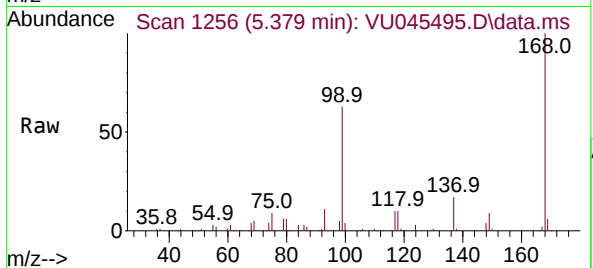




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045495.D
Acq: 01 Nov 2021 18:30

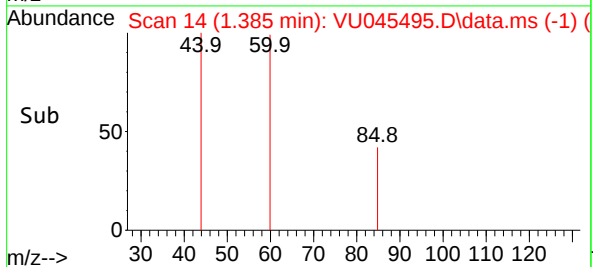
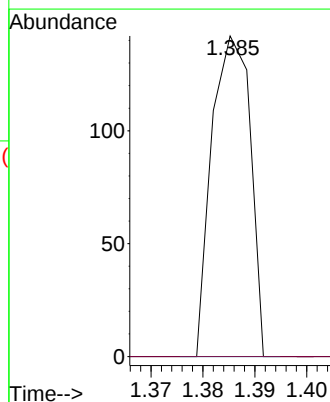
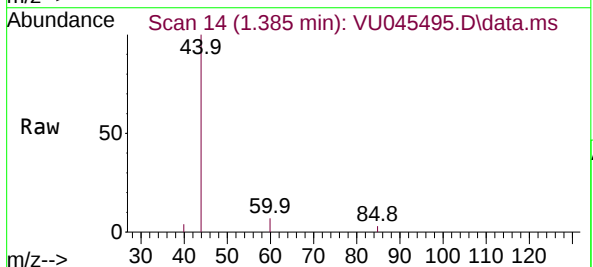
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-338-340

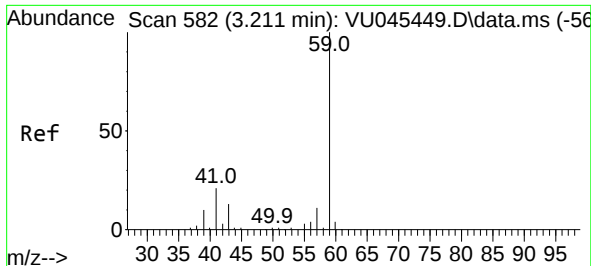
Tgt Ion:168 Resp: 197784
Ion Ratio Lower Upper
168 100
99 63.4 51.0 76.6



#2
Dichlorodifluoromethane
Concen: 0.401 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045495.D
Acq: 01 Nov 2021 18:30

Tgt Ion: 85 Resp: 73
Ion Ratio Lower Upper
85 100
87 0.0 15.9 47.7#

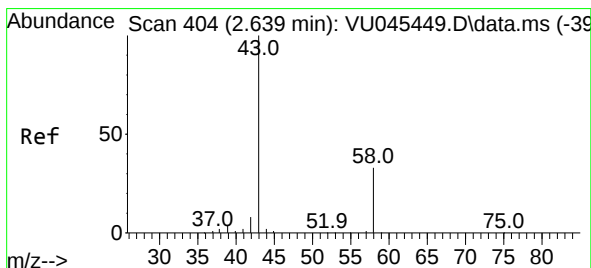
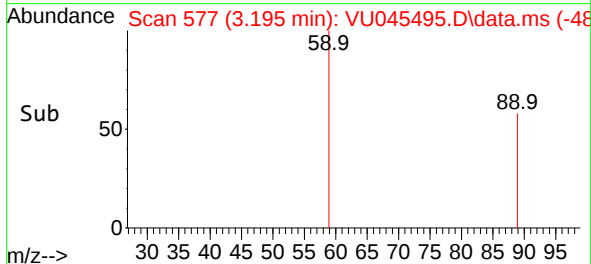
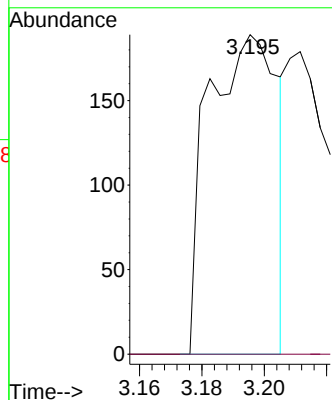
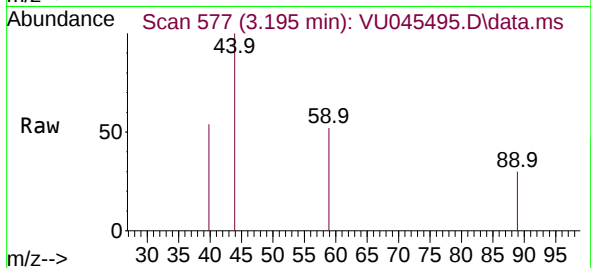




#11
Tert butyl alcohol
Concen: 0.416 ug/l
RT: 3.195 min Scan# 511
Delta R.T. -0.016 min
Lab File: VU045495.D
Acq: 01 Nov 2021 18:30

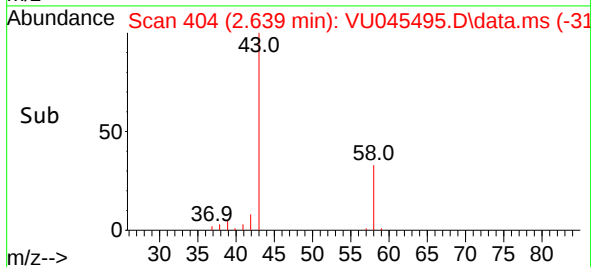
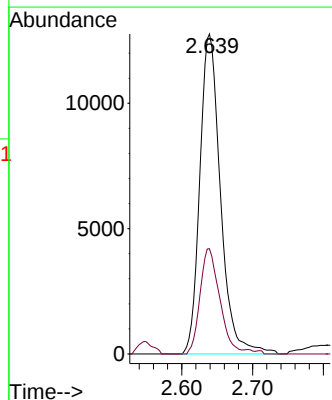
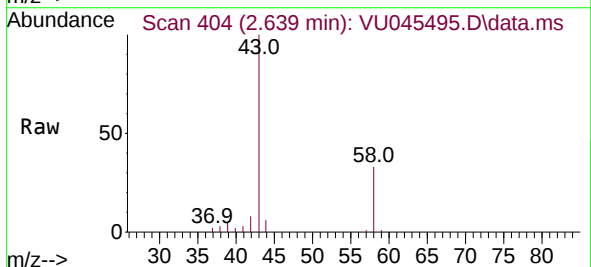
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-338-340

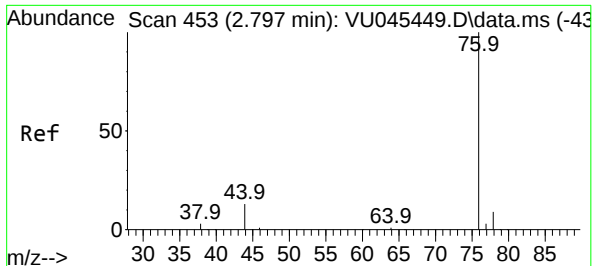
Tgt Ion: 59 Resp: 289
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 17.694 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.000 min
Lab File: VU045495.D
Acq: 01 Nov 2021 18:30

Tgt Ion: 43 Resp: 25866
Ion Ratio Lower Upper
43 100
58 32.9 26.2 39.2

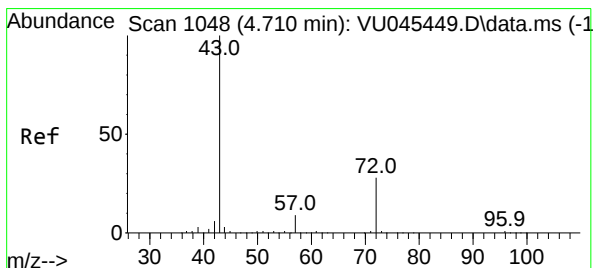
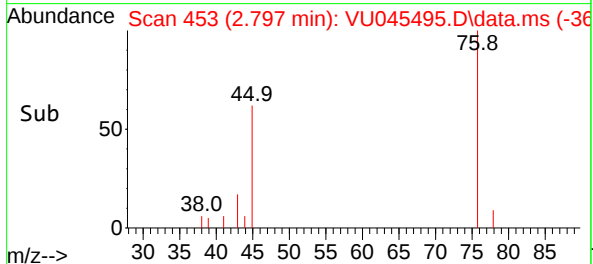
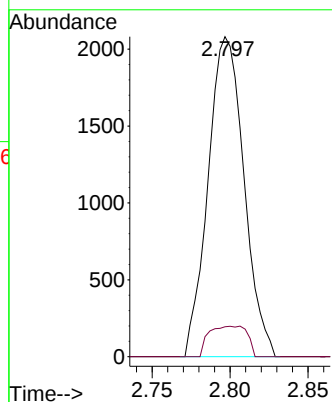
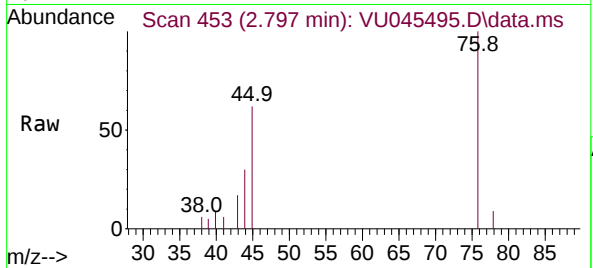




#17
Carbon Disulfide
Concen: 0.506 ug/l
RT: 2.797 min Scan# 41
Delta R.T. 0.000 min
Lab File: VU045495.D
Acq: 01 Nov 2021 18:30

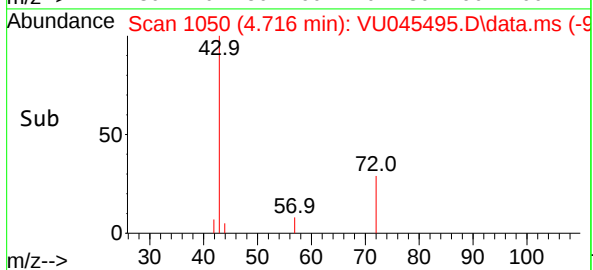
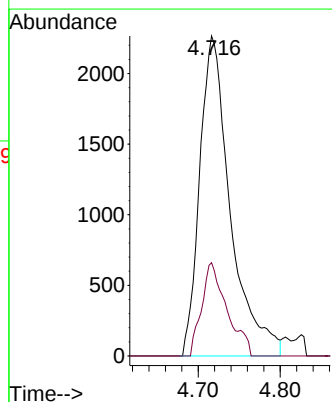
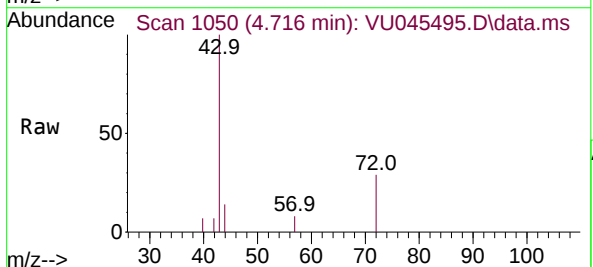
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-338-340

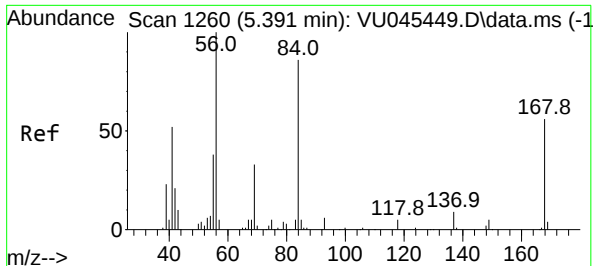
Tgt Ion: 76 Resp: 3330
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#25
2-Butanone
Concen: 2.662 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. 0.007 min
Lab File: VU045495.D
Acq: 01 Nov 2021 18:30

Tgt Ion: 43 Resp: 5875
Ion Ratio Lower Upper
43 100
72 29.2 22.0 33.0

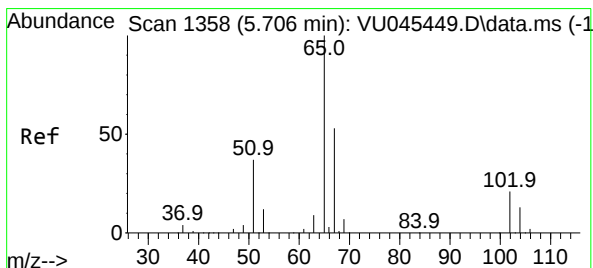
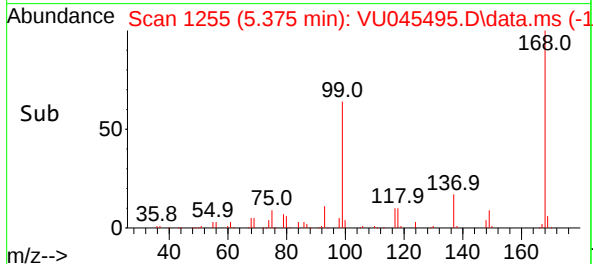
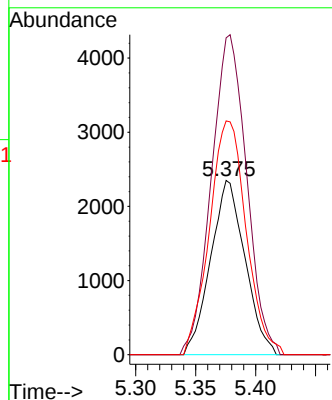
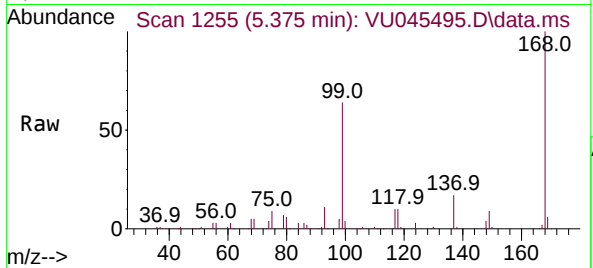




#31
Cyclohexane
Concen: 0.977 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.016 min
Lab File: VU045495.D
Acq: 01 Nov 2021 18:30

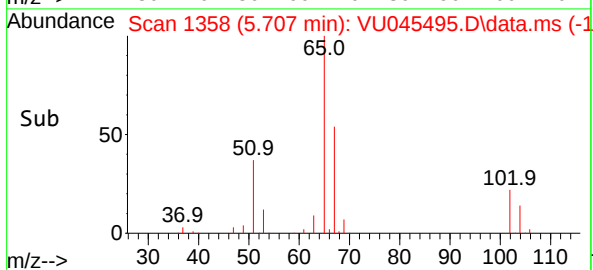
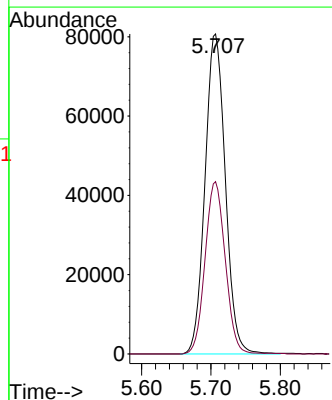
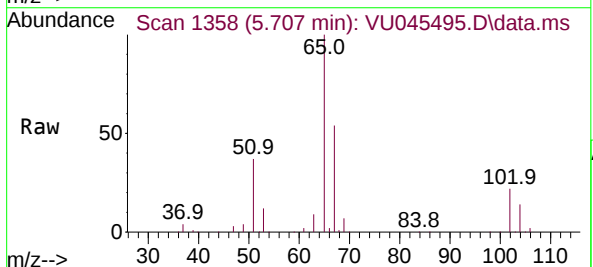
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-338-340

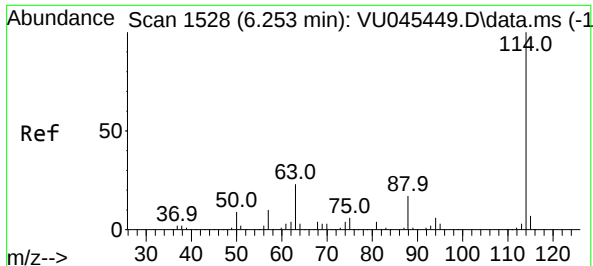
Tgt Ion: 56 Resp: 4686
Ion Ratio Lower Upper
56 100
69 181.8 26.4 39.6#
84 134.2 68.4 102.6#



#33
1,2-Dichloroethane-d4
Concen: 51.018 ug/l
RT: 5.707 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VU045495.D
Acq: 01 Nov 2021 18:30

Tgt Ion: 65 Resp: 164278
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045495.D

Acq: 01 Nov 2021 18:30

Instrument :

MSVOA_U

ClientSampleId :

BP-VPB-RW9-GW-338-340

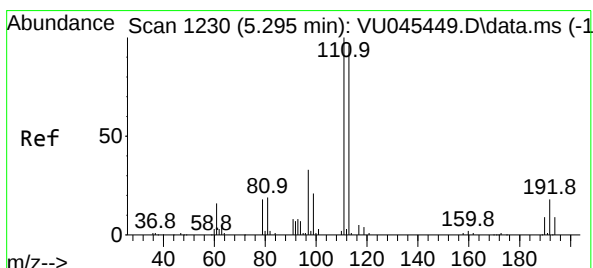
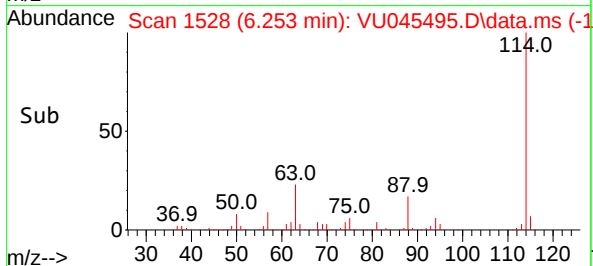
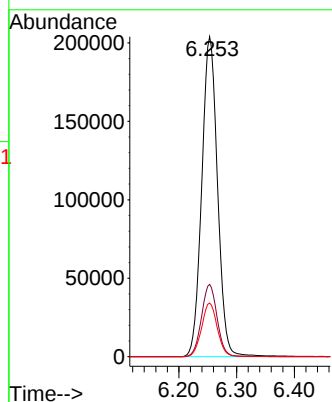
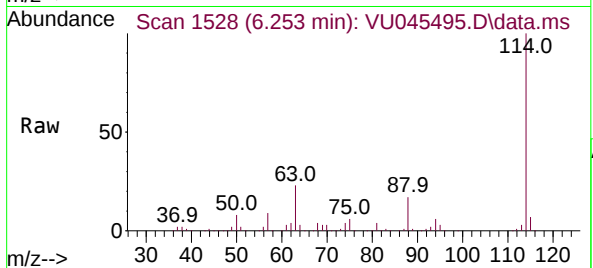
Tgt Ion:114 Resp: 386876

Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.6

88 16.7 0.0 33.8



#35

Dibromofluoromethane

Concen: 49.827 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. -0.003 min

Lab File: VU045495.D

Acq: 01 Nov 2021 18:30

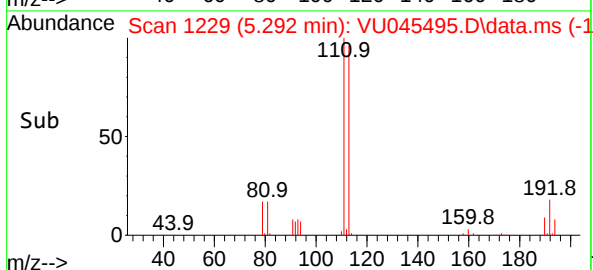
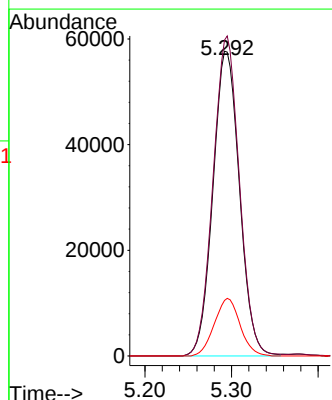
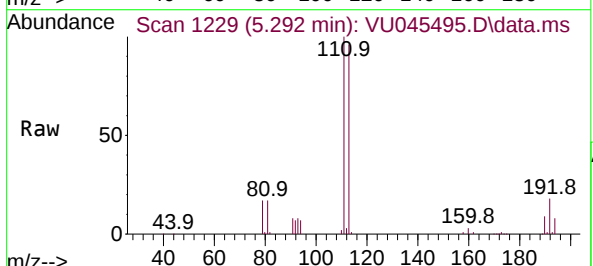
Tgt Ion:113 Resp: 122572

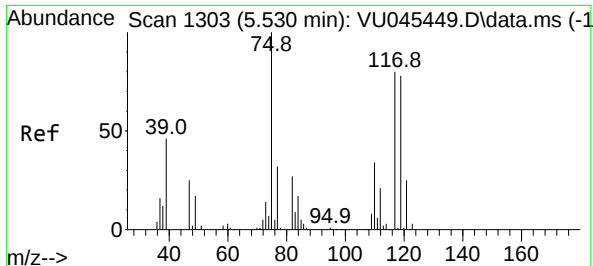
Ion Ratio Lower Upper

113 100

111 104.3 82.8 124.2

192 18.4 14.8 22.2





#36

1,1-Dichloropropene

Concen: 4.855 ug/l

RT: 5.379 min Scan# 11

Delta R.T. -0.151 min

Lab File: VU045495.D

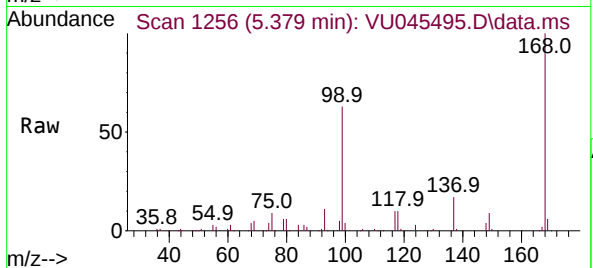
Acq: 01 Nov 2021 18:30

Instrument :

MSVOA_U

ClientSampleId :

BP-VPB-RW9-GW-338-340



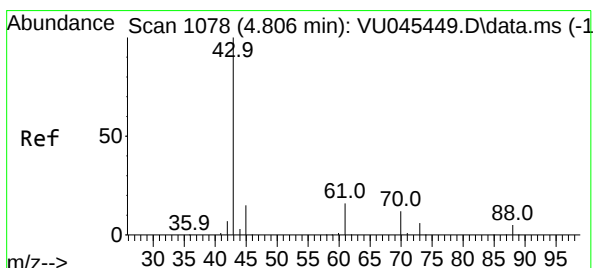
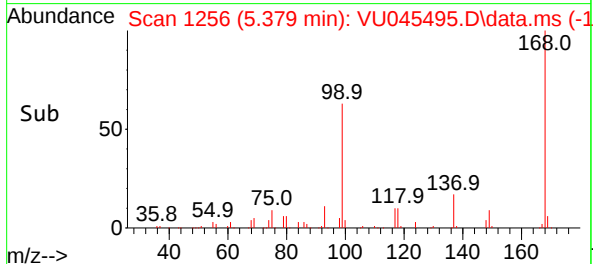
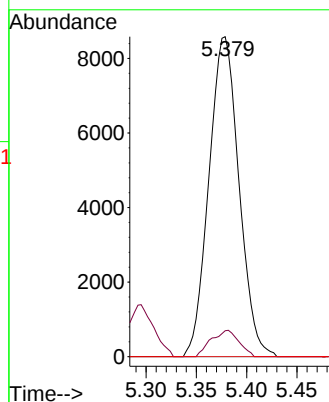
Tgt Ion: 75 Resp: 17878

Ion Ratio Lower Upper

75 100

110 7.6 16.7 50.0#

77 0.0 25.0 37.4#



#37

Ethyl Acetate

Concen: 1.317 ug/l

RT: 4.716 min Scan# 1050

Delta R.T. -0.090 min

Lab File: VU045495.D

Acq: 01 Nov 2021 18:30

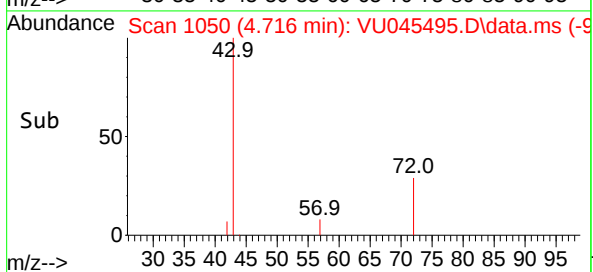
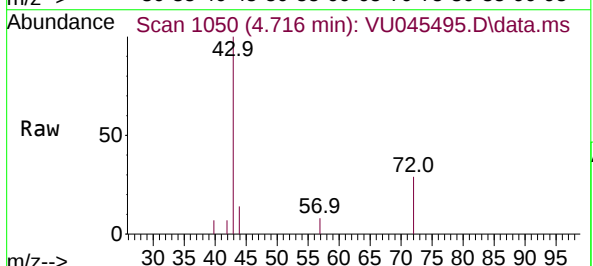
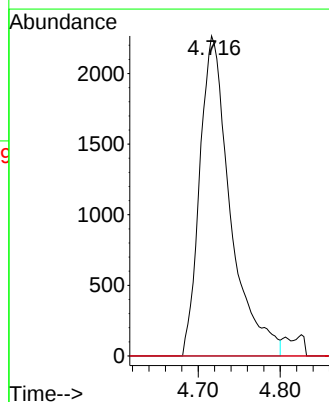
Tgt Ion: 43 Resp: 5875

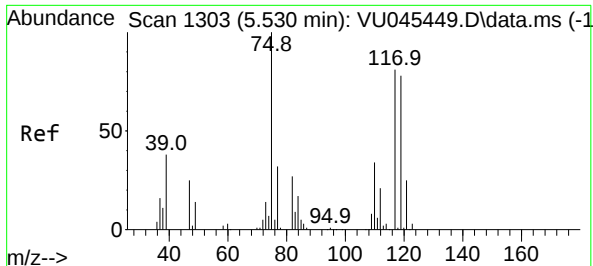
Ion Ratio Lower Upper

43 100

61 0.0 11.6 17.4#

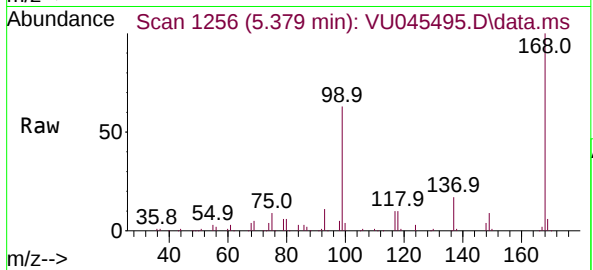
70 0.0 9.1 13.7#



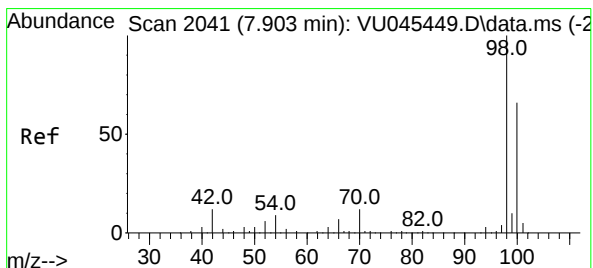
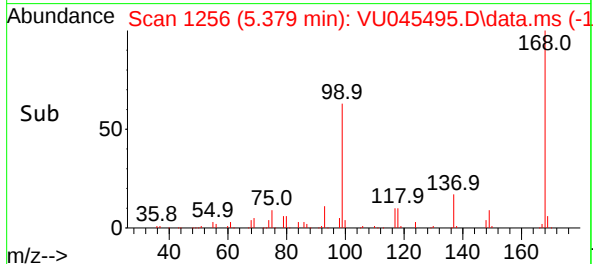
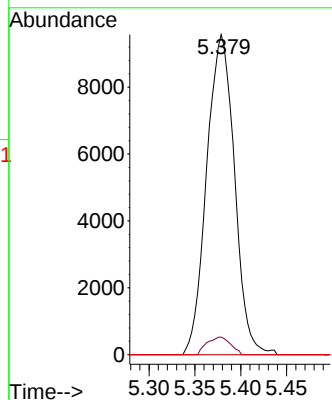


#38
Carbon Tetrachloride
Concen: 6.296 ug/l
RT: 5.379 min Scan# 117
Delta R.T. -0.151 min
Lab File: VU045495.D
Acq: 01 Nov 2021 18:30

Instrument : MSVOA_U
ClientSampleId : BP-VPB-RW9-GW-338-340

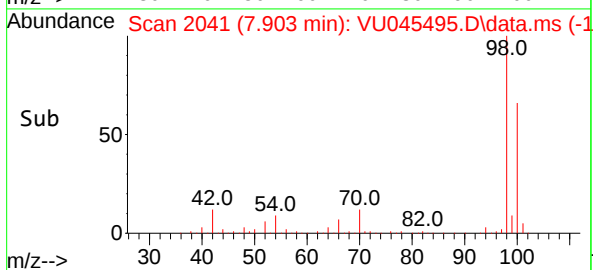
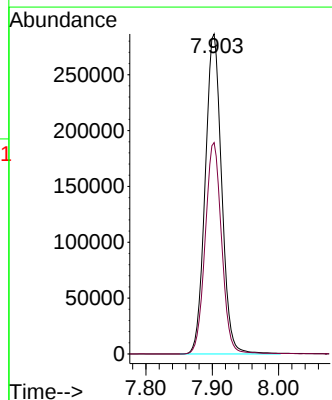
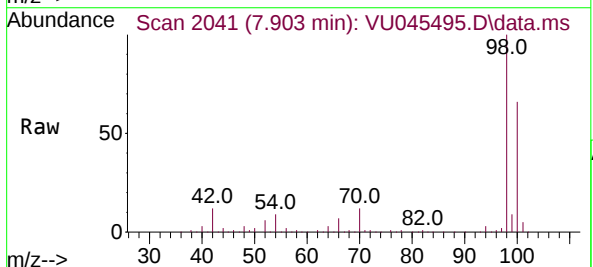


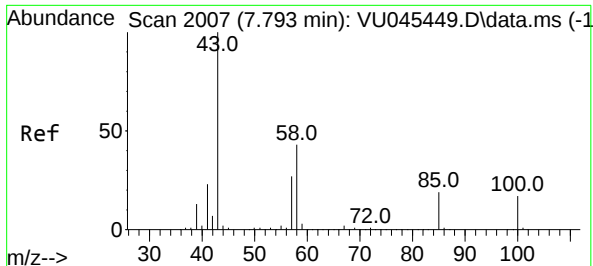
Tgt Ion:117 Resp: 20221
Ion Ratio Lower Upper
117 100
119 5.5 77.4 116.0#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.226 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU045495.D
Acq: 01 Nov 2021 18:30

Tgt Ion: 98 Resp: 494143
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.214 ug/l

RT: 7.790 min Scan# 2007

Delta R.T. -0.003 min

Lab File: VU045495.D

Acq: 01 Nov 2021 18:30

Instrument :

MSVOA_U

ClientSampleId :

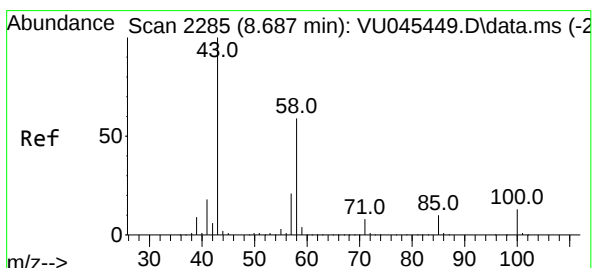
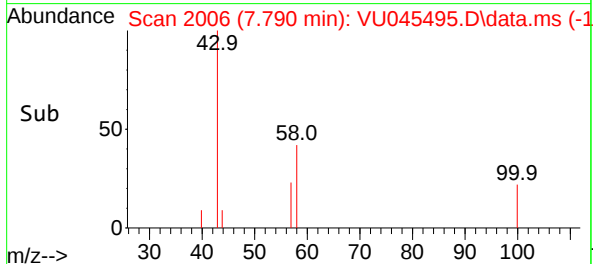
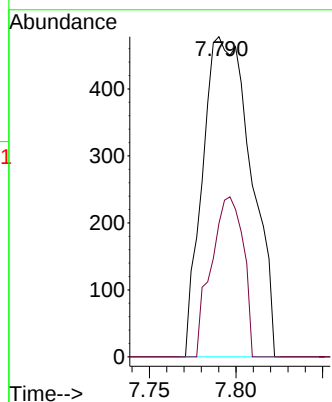
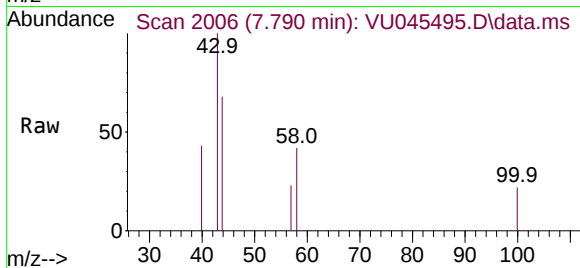
BP-VPB-RW9-GW-338-340

Tgt Ion: 43 Resp: 930

Ion Ratio Lower Upper

43 100

58 32.8 33.8 50.8#



#59

2-Hexanone

Concen: 0.384 ug/l

RT: 8.690 min Scan# 2286

Delta R.T. 0.003 min

Lab File: VU045495.D

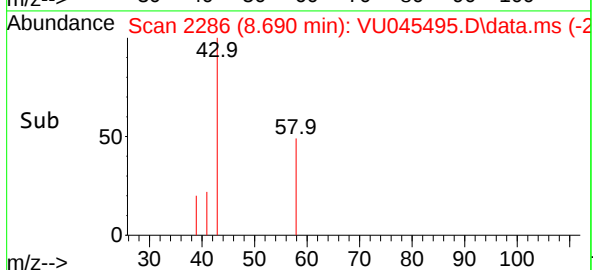
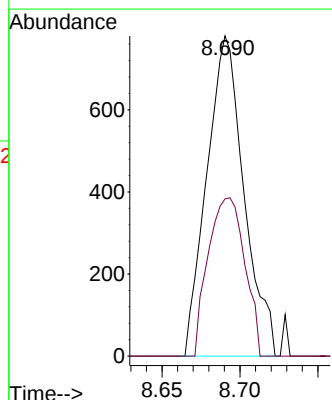
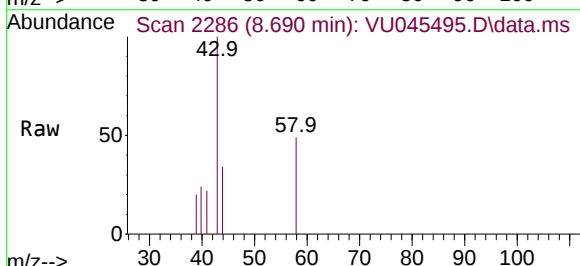
Acq: 01 Nov 2021 18:30

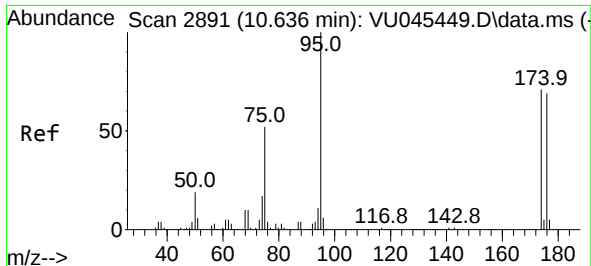
Tgt Ion: 43 Resp: 1294

Ion Ratio Lower Upper

43 100

58 48.5 29.5 88.6





#62

4-Bromofluorobenzene

Concen: 51.404 ug/l

RT: 10.636 min Scan# 2891

Delta R.T. 0.000 min

Lab File: VU045495.D

Acq: 01 Nov 2021 18:30

Instrument :

MSVOA_U

ClientSampleId :

BP-VPB-RW9-GW-338-340

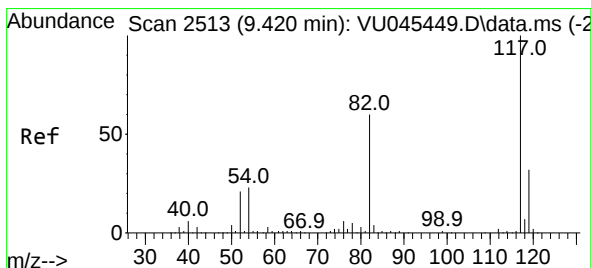
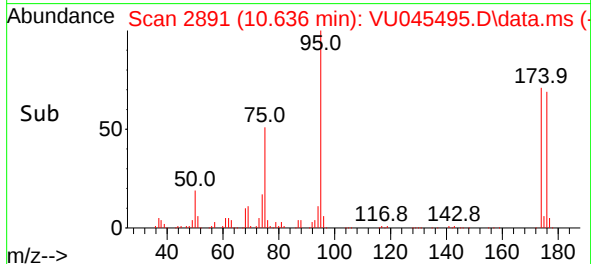
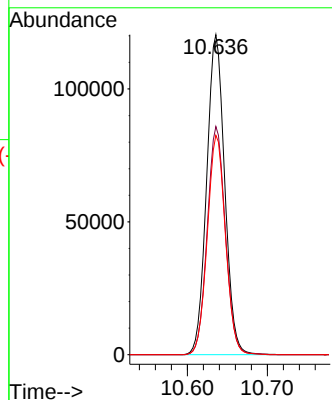
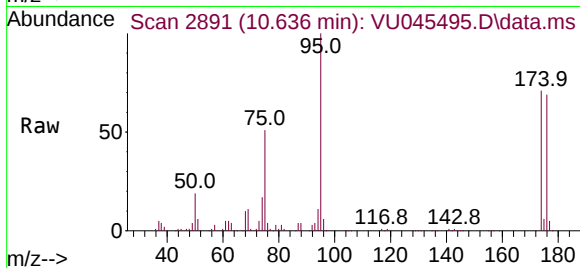
Tgt Ion: 95 Resp: 188952

Ion Ratio Lower Upper

95 100

174 71.6 0.0 141.8

176 68.9 0.0 138.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.420 min Scan# 2513

Delta R.T. 0.000 min

Lab File: VU045495.D

Acq: 01 Nov 2021 18:30

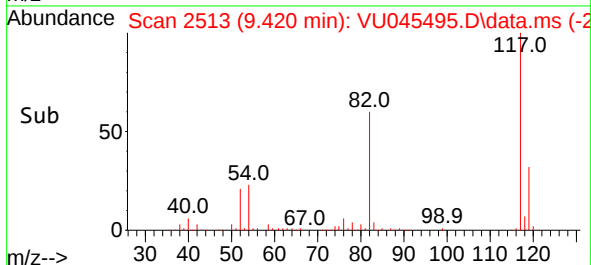
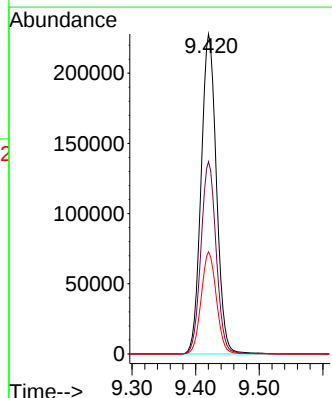
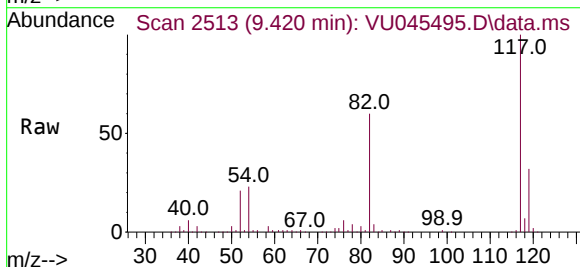
Tgt Ion: 117 Resp: 381223

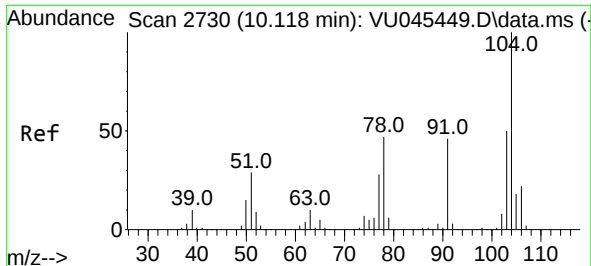
Ion Ratio Lower Upper

117 100

82 60.1 47.8 71.8

119 31.9 25.8 38.8

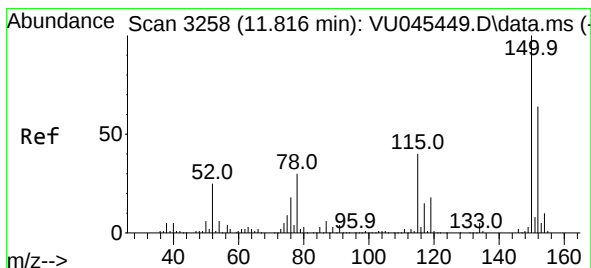
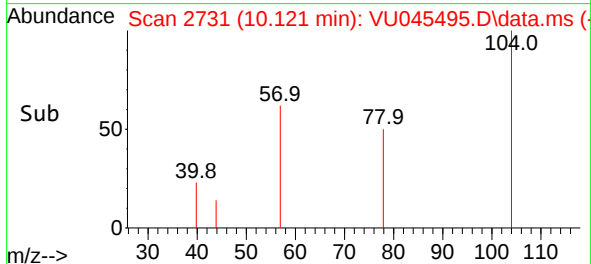
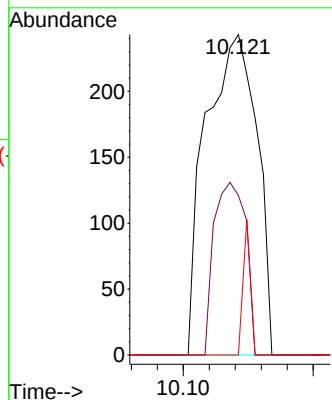
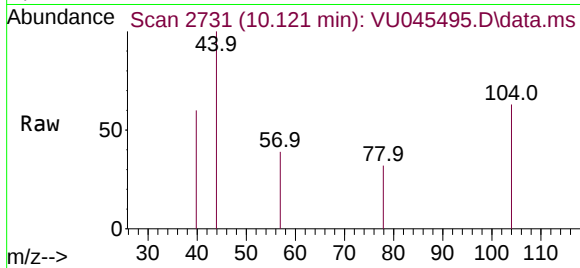




#70
Styrene
Concen: 1.012 ug/l
RT: 10.121 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU045495.D
Acq: 01 Nov 2021 18:30

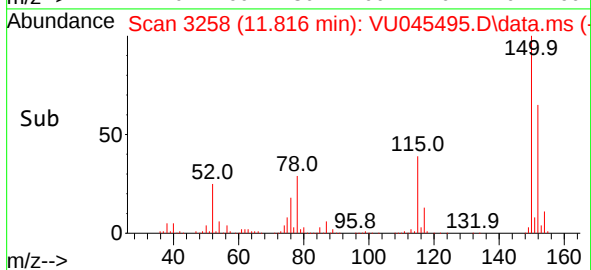
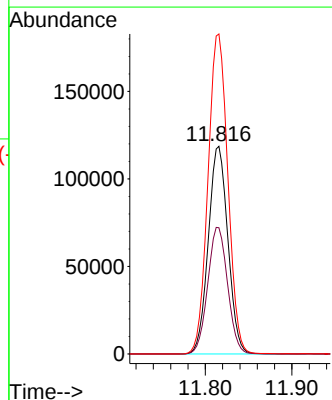
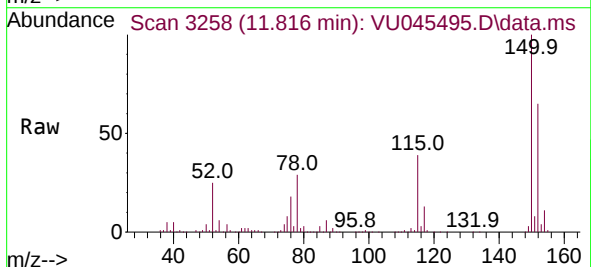
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-338-340

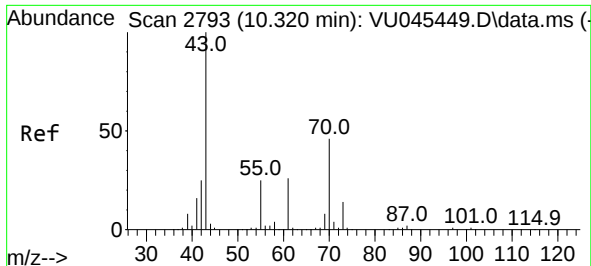
Tgt Ion:104 Resp: 332
Ion Ratio Lower Upper
104 100
78 33.4 41.8 62.6#
103 6.0 43.8 65.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.000 min
Lab File: VU045495.D
Acq: 01 Nov 2021 18:30

Tgt Ion:152 Resp: 186507
Ion Ratio Lower Upper
152 100
115 61.7 42.7 128.1
150 156.1 0.0 346.8

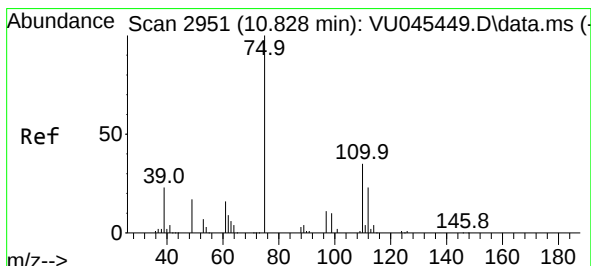
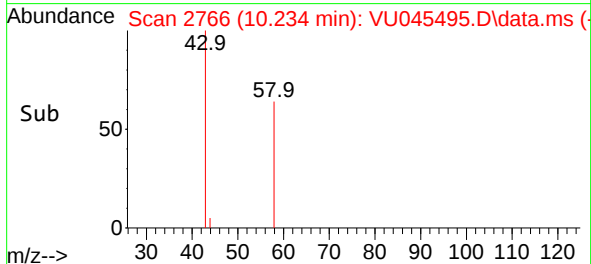
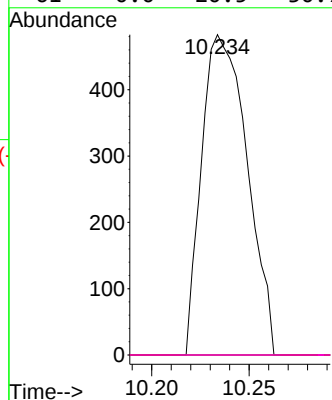
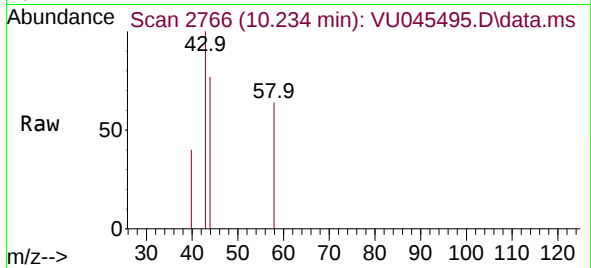




#74
N-amy1 acetate
Concen: 1.273 ug/l
RT: 10.234 min Scan# 21
Delta R.T. -0.086 min
Lab File: VU045495.D
Acq: 01 Nov 2021 18:30

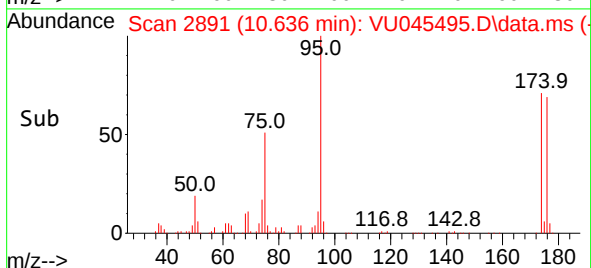
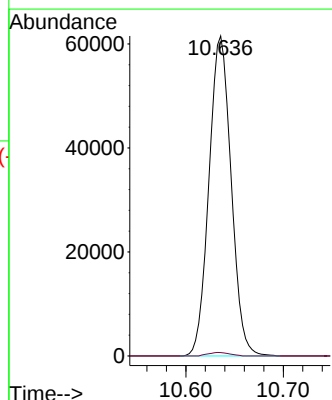
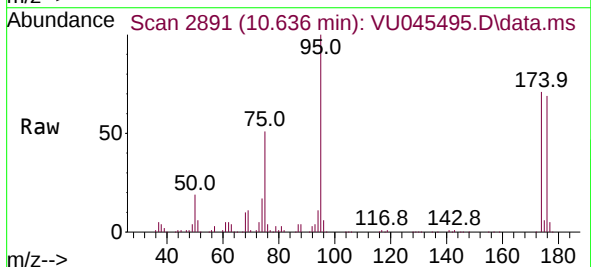
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-338-340

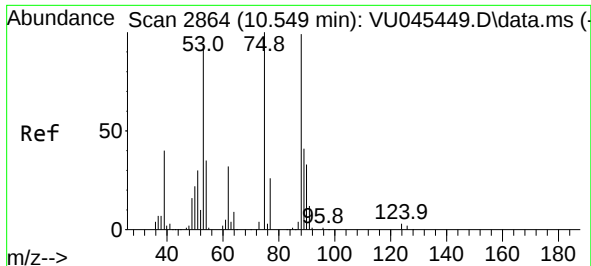
Tgt Ion: 43	Resp:	785
Ion	Ratio	Lower Upper
43	100	
70	0.0	36.9 55.3#
55	0.0	20.6 31.0#
61	0.0	20.5 30.7#



#76
1,2,3-Trichloropropane
Concen: 19.581 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.193 min
Lab File: VU045495.D
Acq: 01 Nov 2021 18:30

Tgt Ion: 75	Resp:	97303
Ion	Ratio	Lower Upper
75	100	
77	1.1	17.1 51.3#

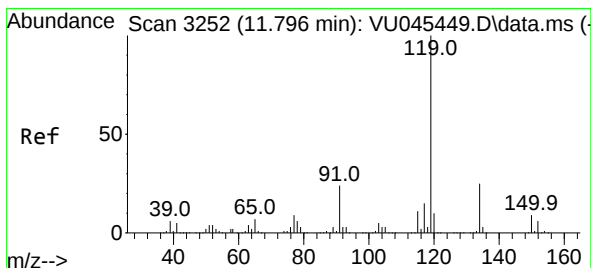
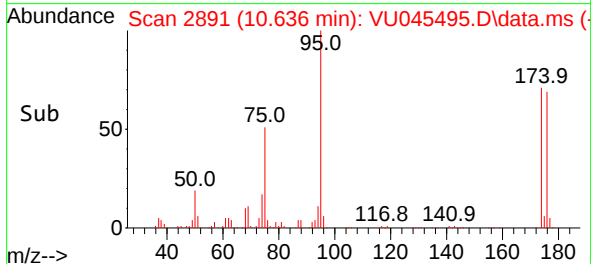
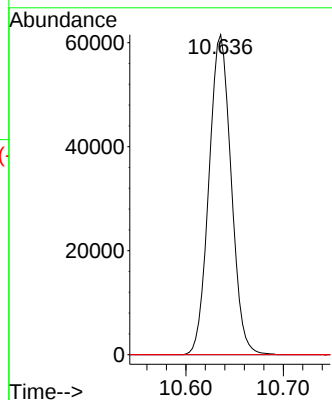
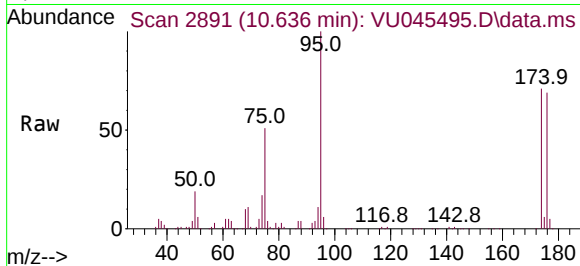




#81
trans-1,4-Dichloro-2-butene
Concen: 54.444 ug/l
RT: 10.636 min Scan# 21
Delta R.T. 0.087 min
Lab File: VU045495.D
Acq: 01 Nov 2021 18:30

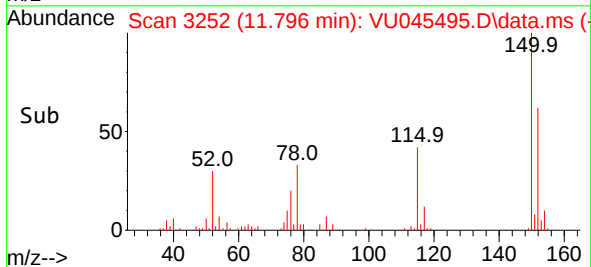
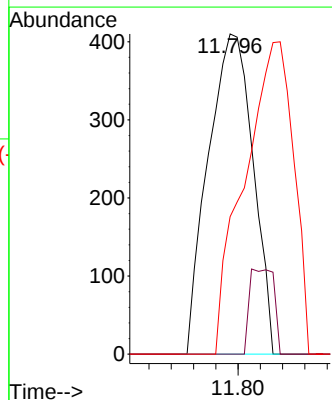
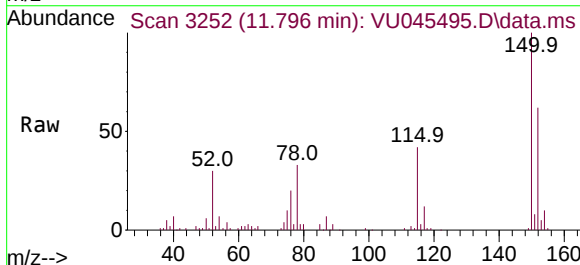
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-338-340

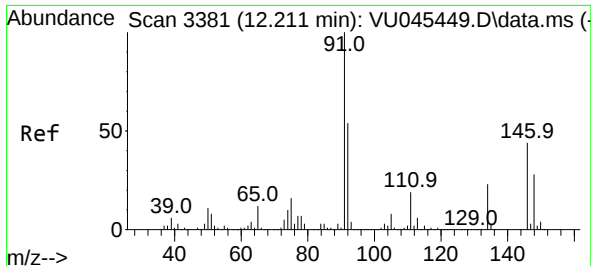
Tgt Ion: 75 Resp: 97303
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#



#86
p-Isopropyltoluene
Concen: 0.236 ug/l
RT: 11.796 min Scan# 3252
Delta R.T. 0.000 min
Lab File: VU045495.D
Acq: 01 Nov 2021 18:30

Tgt Ion: 119 Resp: 573
Ion Ratio Lower Upper
119 100
134 14.5 12.7 38.1
91 0.0 12.2 36.4#





#89

n-Butylbenzene

Concen: 1.020 ug/l

RT: 12.214 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU045495.D

Acq: 01 Nov 2021 18:30

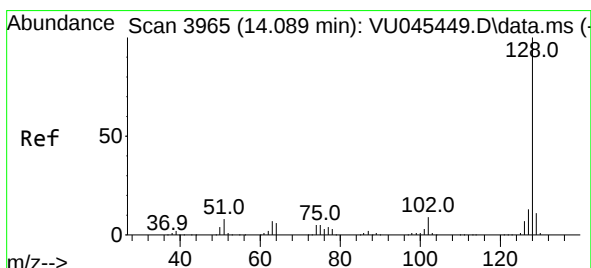
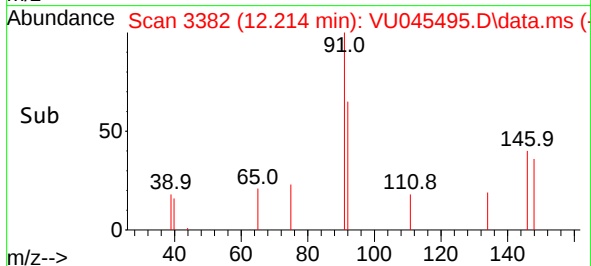
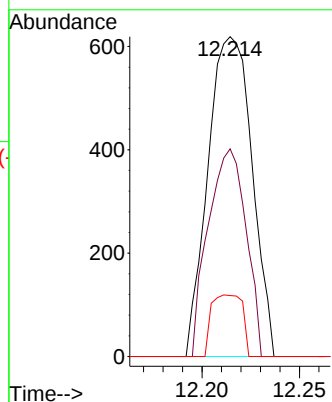
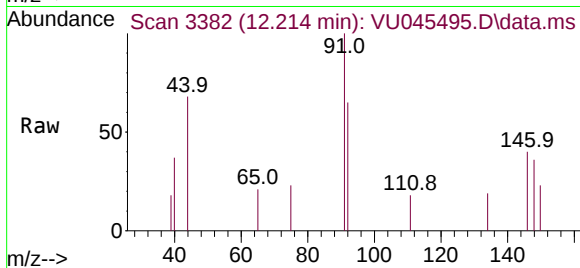
Instrument :

MSVOA_U

ClientSampleId :

BP-VPB-RW9-GW-338-340

Tgt Ion:	91	Resp:	972
Ion	Ratio	Lower	Upper
91	100		
92	55.7	27.1	81.2
134	13.5	11.8	35.4



#95

Naphthalene

Concen: 0.227 ug/l

RT: 14.092 min Scan# 3966

Delta R.T. 0.003 min

Lab File: VU045495.D

Acq: 01 Nov 2021 18:30

Tgt Ion:	128	Resp:	1957
Ion	Ratio	Lower	Upper
128	100		
127	8.3	10.6	15.8#
129	5.2	8.6	13.0#

