

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110322\
 Data File : VD074725.D
 Acq On : 03 Nov 2022 19:47
 Operator : VA/SY
 Sample : N5416-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CC-1

Quant Time: Nov 04 00:04:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

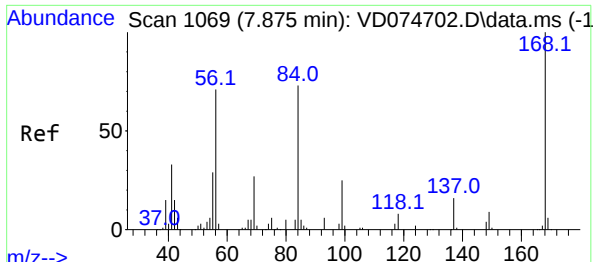
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	155454	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	243851	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	205899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	74559	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	82733	67.196	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.400%
35) Dibromofluoromethane	7.805	113	66610	46.178	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.360%
50) Toluene-d8	10.269	98	297864	56.610	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	113.220%
62) 4-Bromofluorobenzene	12.575	95	80360	52.895	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.800%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.158	142	139	5.615	ug/l #	43
11) Tert butyl alcohol	5.005	59	2805	Below Cal	#	84
16) Acetone	4.028	43	2767	10.769	ug/l #	87
25) 2-Butanone	7.087	43	814	2.304	ug/l #	42
31) Cyclohexane	7.875	56	2812	1.128	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	10469	4.781	ug/l #	48
37) Ethyl Acetate	7.087	43	814	1.114	ug/l #	66
38) Carbon Tetrachloride	7.875	117	14791	7.130	ug/l #	20
51) 4-Methyl-2-Pentanone	10.269	43	858	1.302	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	39586	68.490	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	39586	162.578	ug/l #	17
95) Naphthalene	15.328	128	2705	1.030	ug/l #	86

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

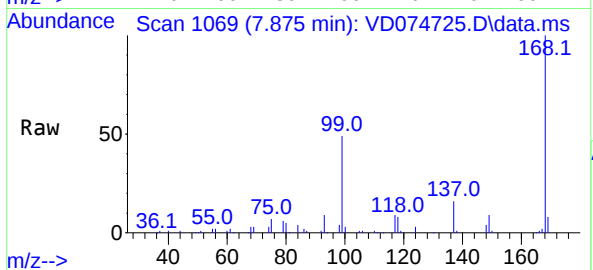
Quant Time: Nov 04 00:04:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 03 02:30:45 2022
Response via : Initial Calibration



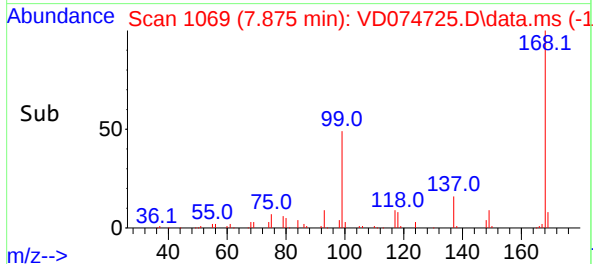
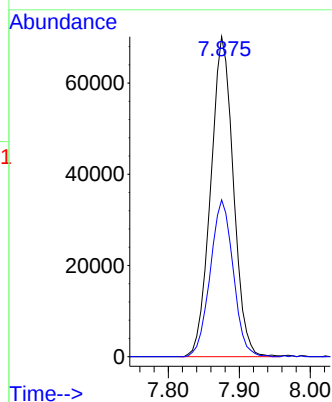


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074725.D
Acq: 03 Nov 2022 19:47

Instrument :
MSVOA_D
ClientSampleId :
CC-1

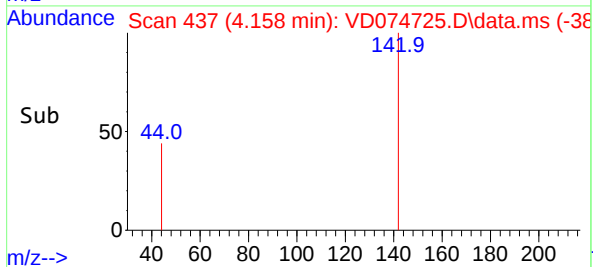
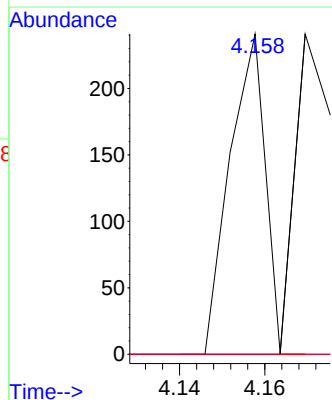
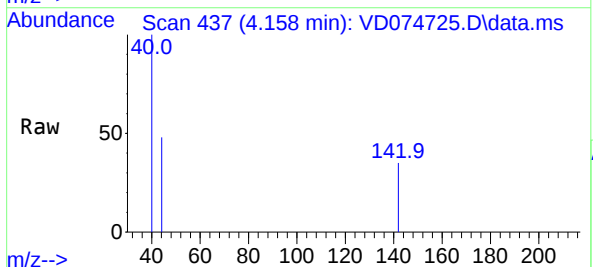


Tgt Ion:168 Resp: 155454
Ion Ratio Lower Upper
168 100
99 49.0 40.9 61.3



#10
Methyl Iodide
Concen: 5.615 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD074725.D
Acq: 03 Nov 2022 19:47

Tgt Ion:142 Resp: 139
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.005 min Scan# 51

Delta R.T. -0.041 min

Lab File: VD074725.D

Acq: 03 Nov 2022 19:47

Instrument :

MSVOA_D

ClientSampleId :

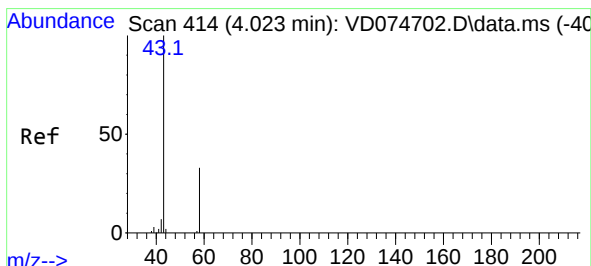
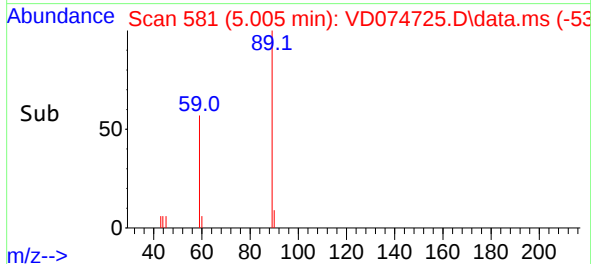
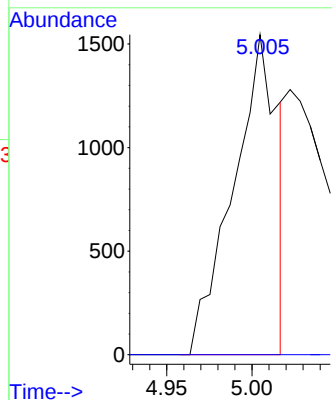
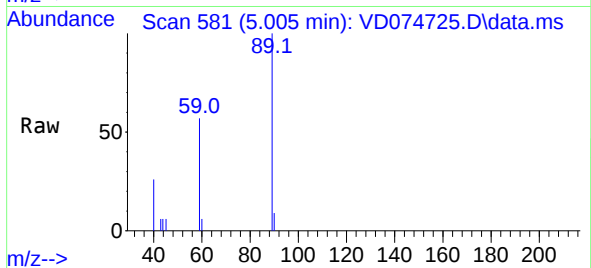
CC-1

Tgt Ion: 59 Resp: 2805

Ion Ratio Lower Upper

59 100

57 0.0 4.4 6.6#



#16

Acetone

Concen: 10.769 ug/l

RT: 4.028 min Scan# 415

Delta R.T. 0.005 min

Lab File: VD074725.D

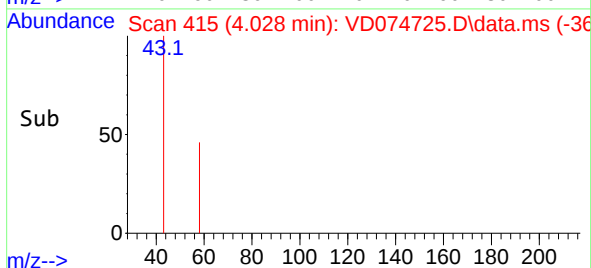
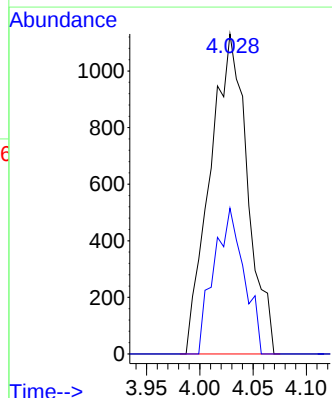
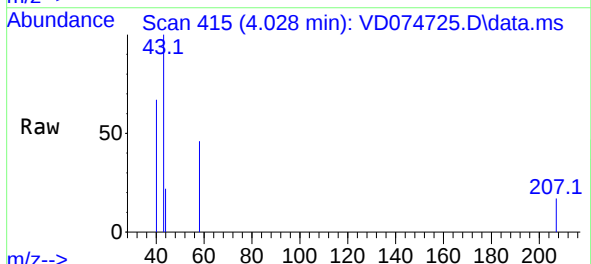
Acq: 03 Nov 2022 19:47

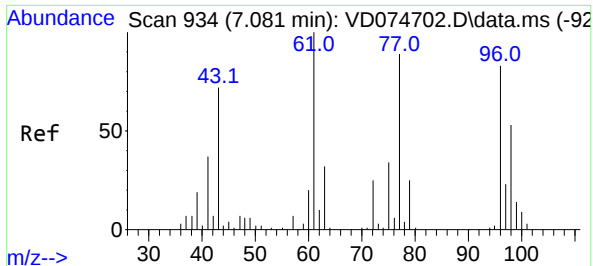
Tgt Ion: 43 Resp: 2767

Ion Ratio Lower Upper

43 100

58 45.5 30.2 45.2#

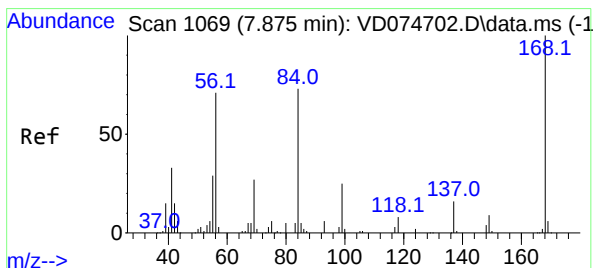
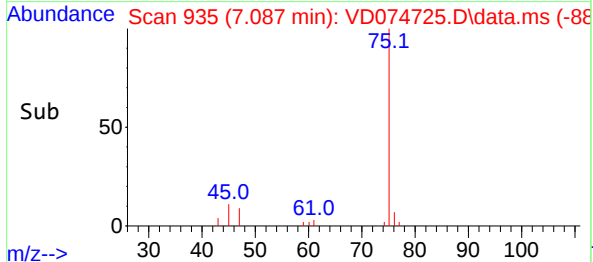
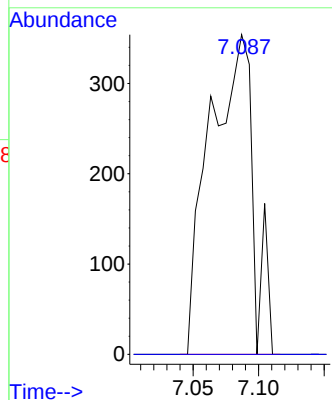
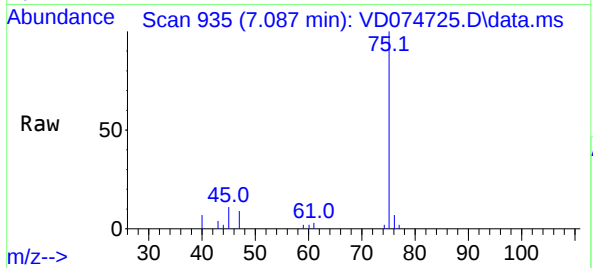




#25
2-Butanone
Concen: 2.304 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD074725.D
Acq: 03 Nov 2022 19:47

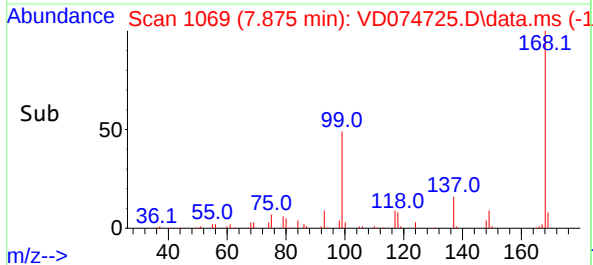
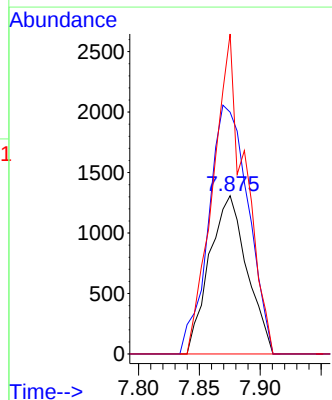
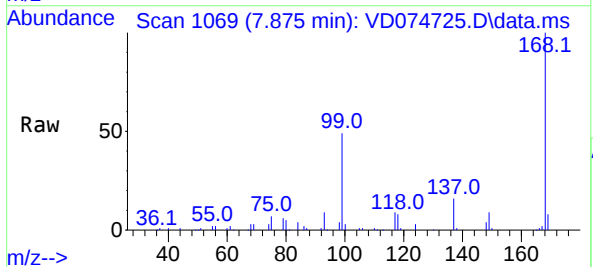
Instrument :
MSVOA_D
ClientSampleId :
CC-1

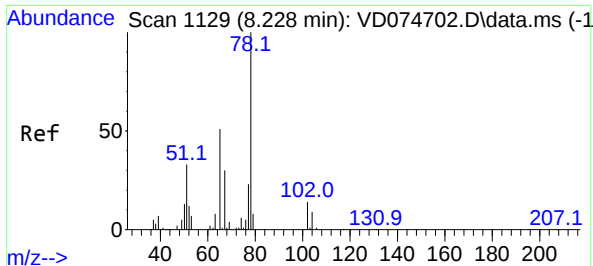
Tgt Ion: 43 Resp: 814
Ion Ratio Lower Upper
43 100
72 0.0 25.8 38.8#



#31
Cyclohexane
Concen: 1.128 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074725.D
Acq: 03 Nov 2022 19:47

Tgt Ion: 56 Resp: 2812
Ion Ratio Lower Upper
56 100
69 152.7 29.2 43.8#
84 202.1 83.4 125.2#





#33

1,2-Dichloroethane-d4

Concen: 67.196 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD074725.D

Acq: 03 Nov 2022 19:47

Instrument :

MSVOA_D

ClientSampleId :

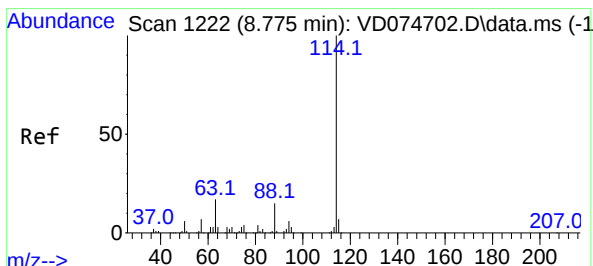
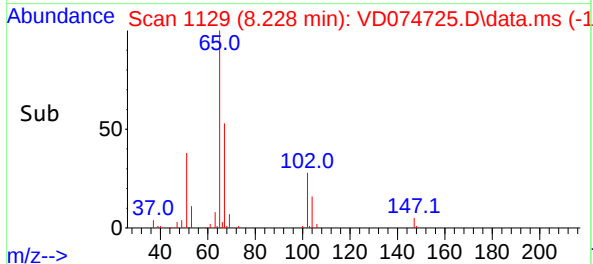
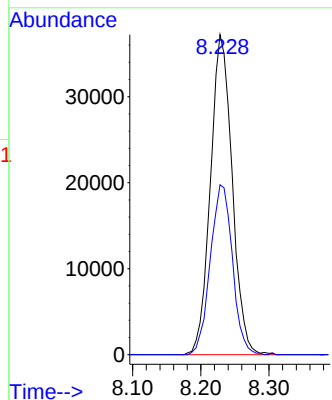
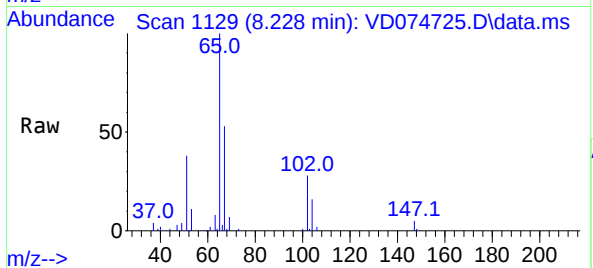
CC-1

Tgt Ion: 65 Resp: 82733

Ion Ratio Lower Upper

65 100

67 53.9 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD074725.D

Acq: 03 Nov 2022 19:47

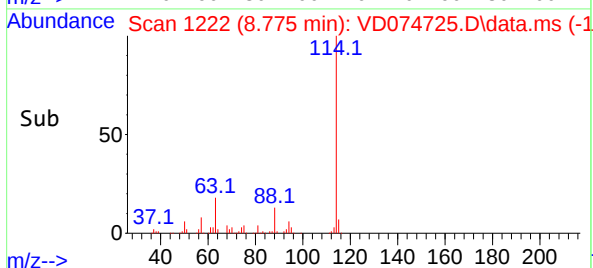
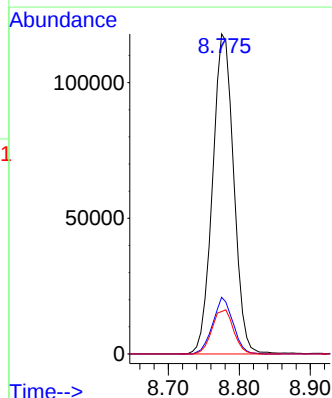
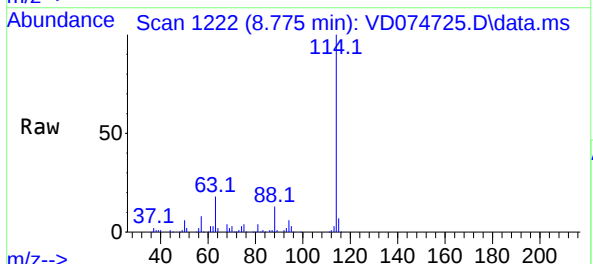
Tgt Ion: 114 Resp: 243851

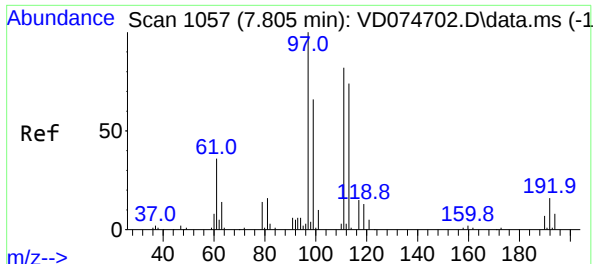
Ion Ratio Lower Upper

114 100

63 17.7 0.0 33.2

88 13.2 0.0 28.2





#35

Dibromofluoromethane

Concen: 46.178 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074725.D

Acq: 03 Nov 2022 19:47

Instrument :

MSVOA_D

ClientSampleId :

CC-1

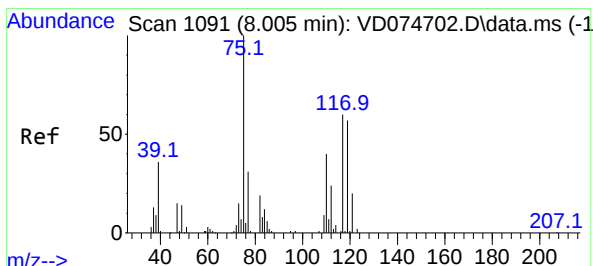
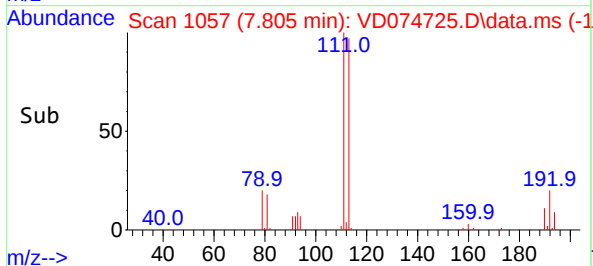
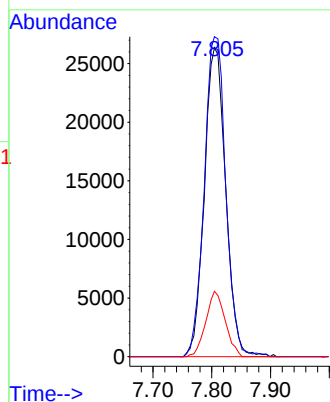
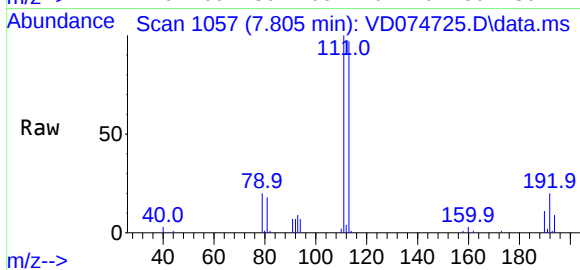
Tgt Ion:113 Resp: 66610

Ion Ratio Lower Upper

113 100

111 104.4 82.3 123.5

192 19.2 16.4 24.6



#36

1,1-Dichloropropene

Concen: 4.781 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

Lab File: VD074725.D

Acq: 03 Nov 2022 19:47

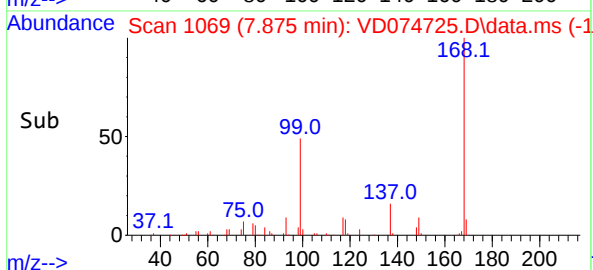
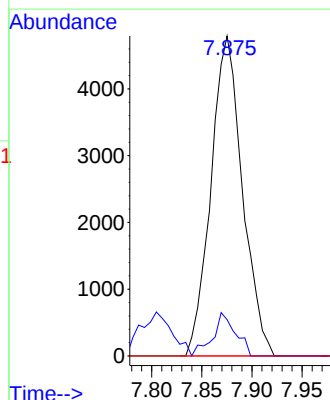
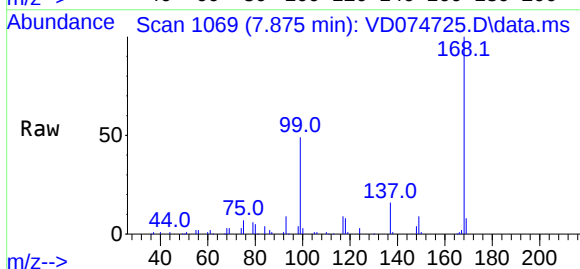
Tgt Ion: 75 Resp: 10469

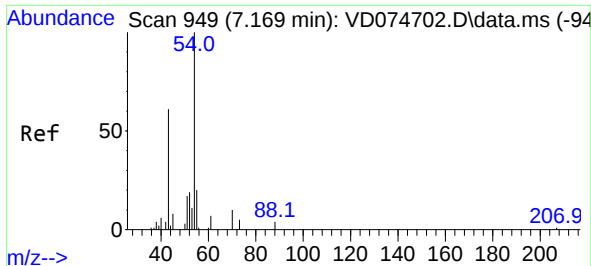
Ion Ratio Lower Upper

75 100

110 9.8 19.7 59.0#

77 0.0 25.4 38.2#





#37

Ethyl Acetate

Concen: 1.114 ug/l

RT: 7.087 min Scan# 91

Delta R.T. -0.082 min

Lab File: VD074725.D

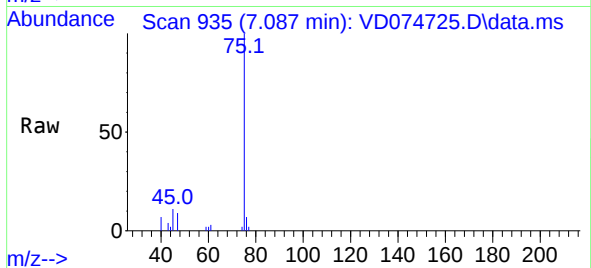
Acq: 03 Nov 2022 19:47

Instrument :

MSVOA_D

ClientSampleId :

CC-1



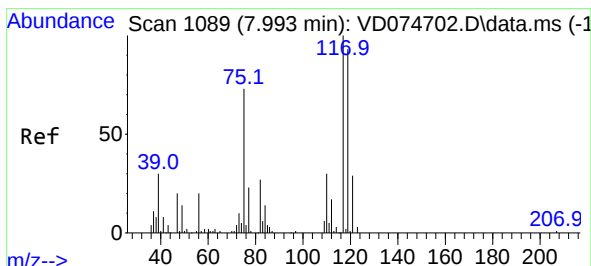
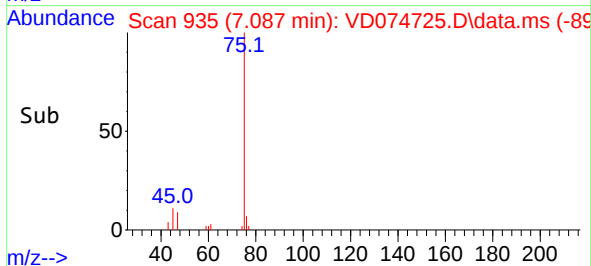
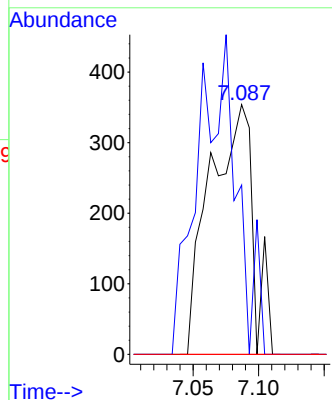
Tgt Ion: 43 Resp: 814

Ion Ratio Lower Upper

43 100

61 0.0 12.2 18.4#

70 0.0 9.6 14.4#



#38

Carbon Tetrachloride

Concen: 7.130 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD074725.D

Acq: 03 Nov 2022 19:47

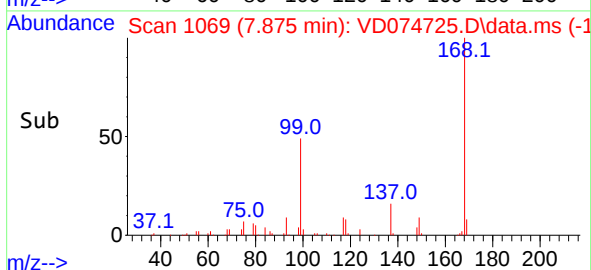
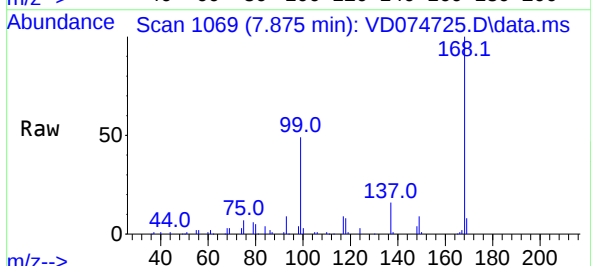
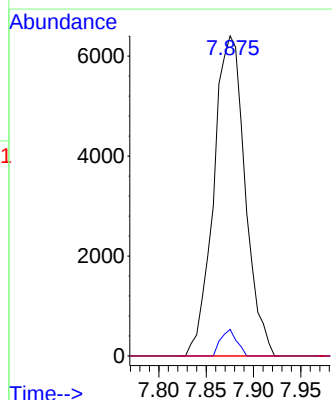
Tgt Ion: 117 Resp: 14791

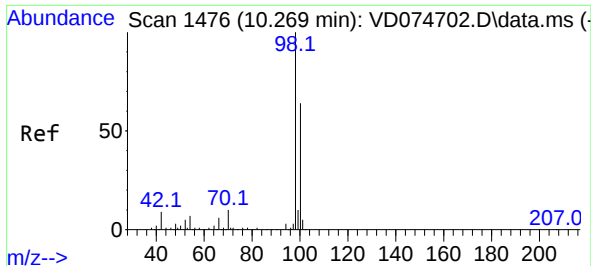
Ion Ratio Lower Upper

117 100

119 8.3 73.1 109.7#

121 0.0 25.0 37.6#

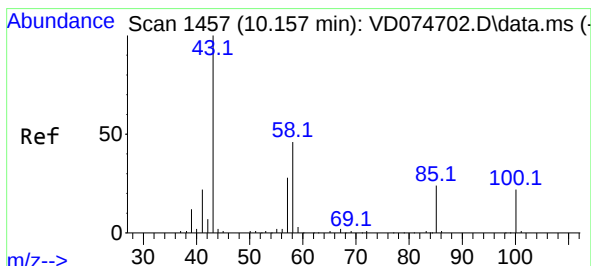
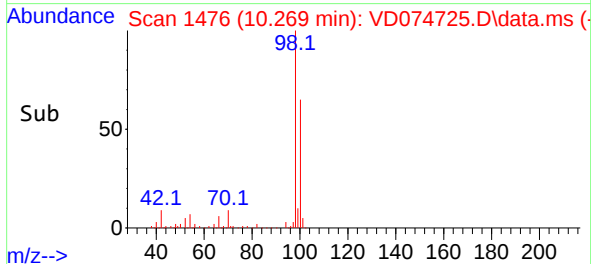
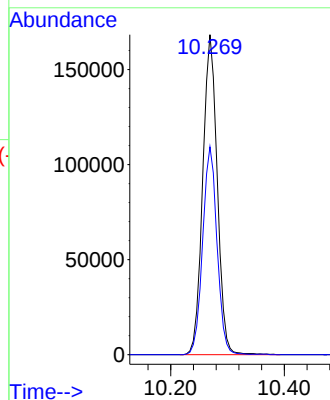
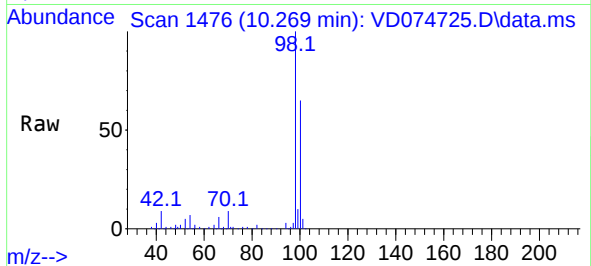




#50
Toluene-d8
Concen: 56.610 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074725.D
Acq: 03 Nov 2022 19:47

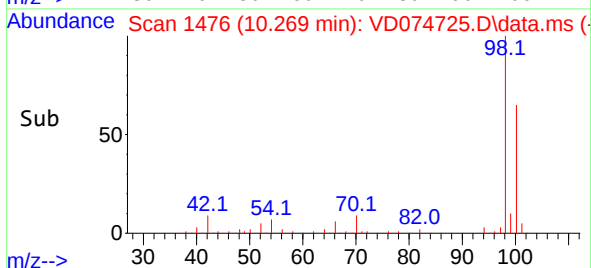
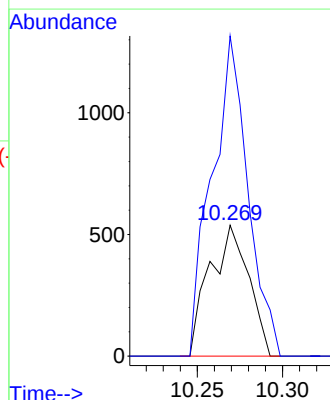
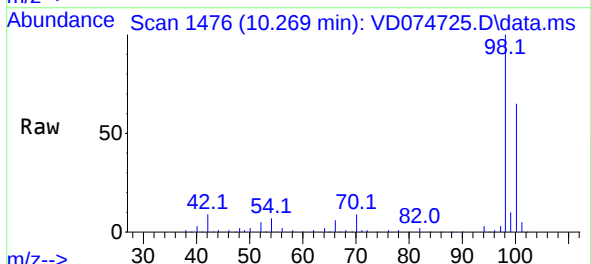
Instrument :
MSVOA_D
ClientSampleId :
CC-1

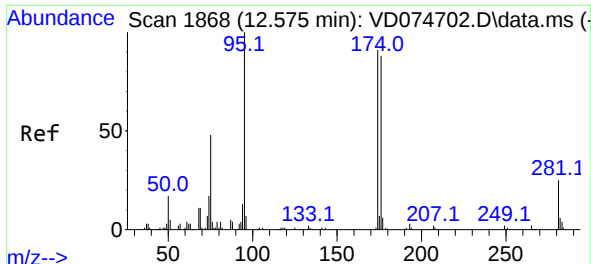
Tgt Ion: 98 Resp: 297864
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 1.302 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.112 min
Lab File: VD074725.D
Acq: 03 Nov 2022 19:47

Tgt Ion: 43 Resp: 858
Ion Ratio Lower Upper
43 100
58 226.1 37.8 56.6#

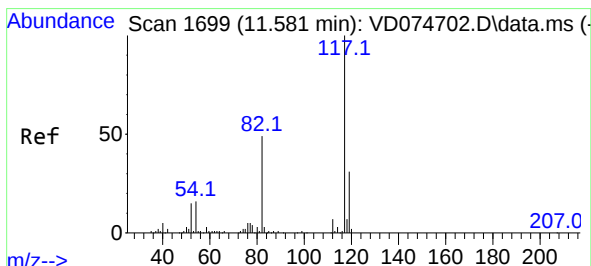
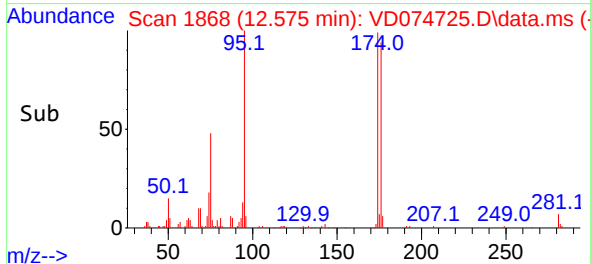
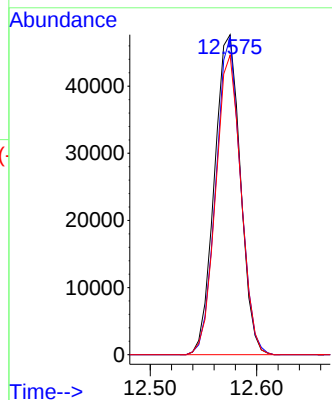
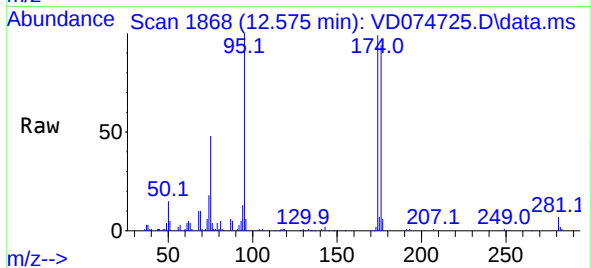




#62
4-Bromofluorobenzene
Concen: 52.895 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074725.D
Acq: 03 Nov 2022 19:47

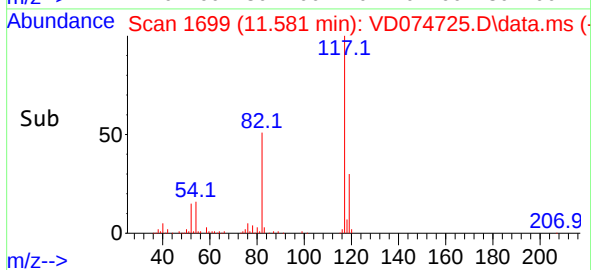
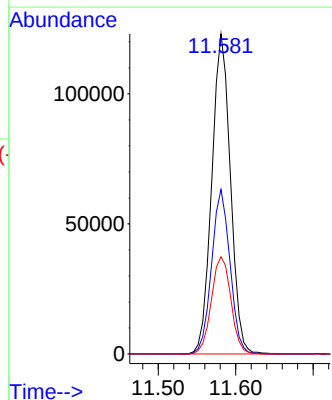
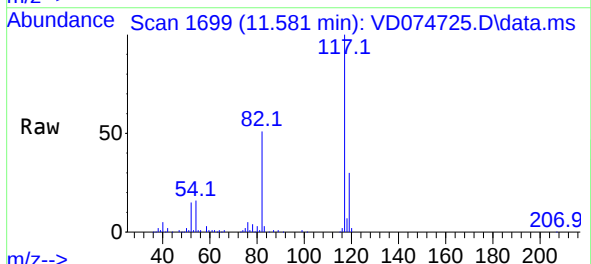
Instrument :
MSVOA_D
ClientSampleId :
CC-1

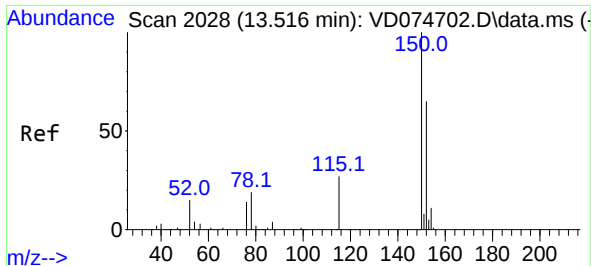
Tgt Ion:	95	Resp:	80360
Ion	Ratio	Lower	Upper
95	100		
174	94.1	0.0	197.0
176	91.1	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074725.D
Acq: 03 Nov 2022 19:47

Tgt Ion:	117	Resp:	205899
Ion	Ratio	Lower	Upper
117	100		
82	51.4	41.6	62.4
119	30.4	25.2	37.8

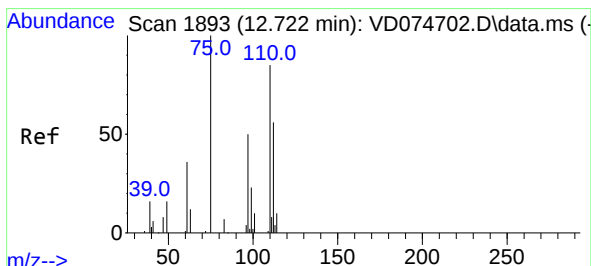
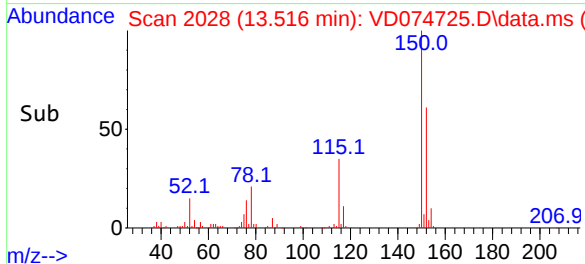
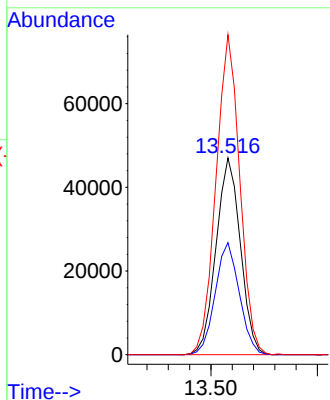
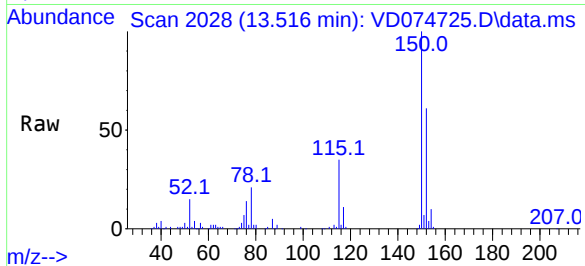




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD074725.D
Acq: 03 Nov 2022 19:47

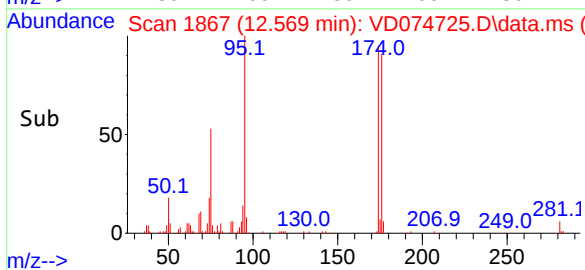
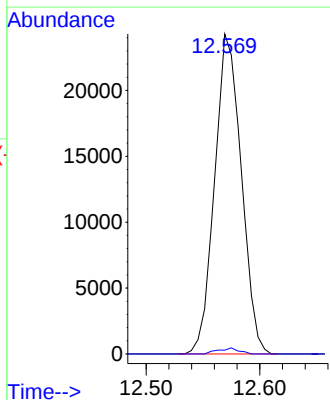
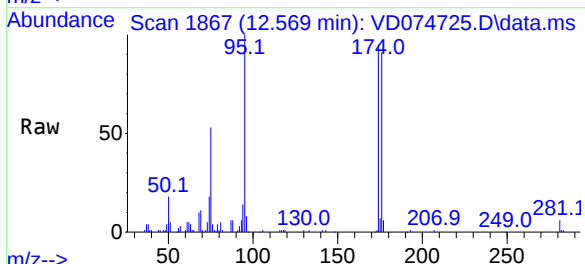
Instrument :
MSVOA_D
ClientSampleId :
CC-1

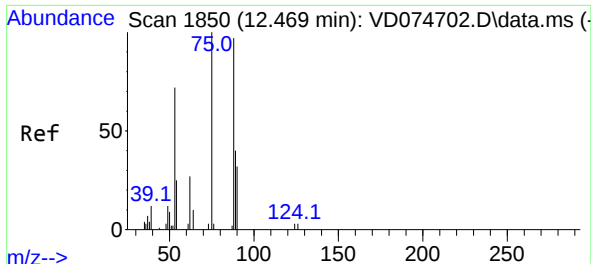
Tgt Ion:152 Resp: 74559
Ion Ratio Lower Upper
152 100
115 56.5 26.8 80.4
150 158.7 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 68.490 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD074725.D
Acq: 03 Nov 2022 19:47

Tgt Ion: 75 Resp: 39586
Ion Ratio Lower Upper
75 100
77 1.5 185.8 557.5#

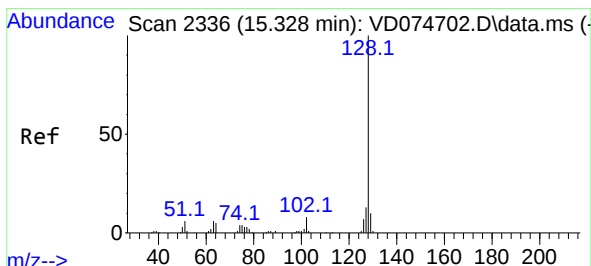
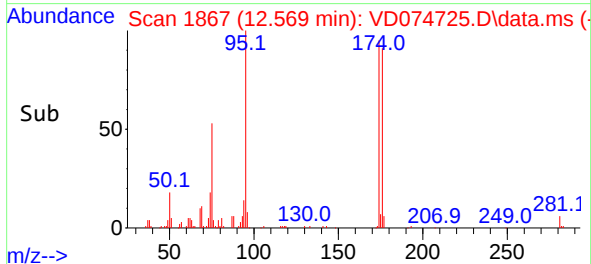
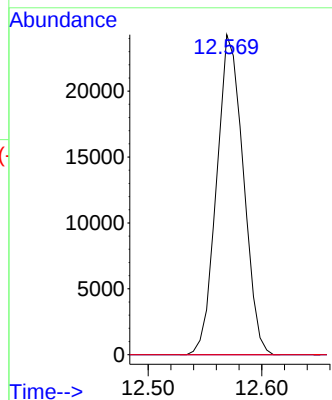
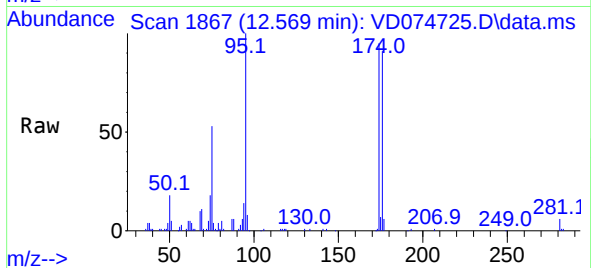




#81
trans-1,4-Dichloro-2-butene
Concen: 162.578 ug/l
RT: 12.569 min Scan# 1850
Delta R.T. 0.100 min
Lab File: VD074725.D
Acq: 03 Nov 2022 19:47

Instrument :
MSVOA_D
ClientSampleId :
CC-1

Tgt Ion: 75 Resp: 39586
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#



#95
Naphthalene
Concen: 1.030 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VD074725.D
Acq: 03 Nov 2022 19:47

Tgt Ion:128 Resp: 2705
Ion Ratio Lower Upper
128 100
127 8.7 10.6 16.0#
129 4.4 8.3 12.5#

